

# NAVY FILING MANUAL

FORM NSO 124

# NAVY FILING MANUAL

Fourth Edition



1941



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## NAVY FILING MANUAL (FOURTH EDITION)

AUGUST 27, 1941.

1. The Secretary of the Navy, on July 5, 1923, directed that the Navy Filing Manual as compiled by the Board appointed for the purpose be adopted for use and placed in effect throughout the entire Naval Service with the exception of the United States Marine Corps. The original edition of the Navy Filing Manual was followed by the issuance to the naval service in 1931 of the second edition, and in 1939 of the third edition of the manual.

2. This fourth edition of the Navy Filing Manual, in which are incorporated additions and changes made since the issuance of the third edition in 1939, supersedes all previous editions of the manual and shall be placed in effect in the Naval Service upon receipt. The fourth edition of the Navy Filing Manual is issued in loose-leaf form to provide a more ready and convenient means for inserting subsequent additions and changes therein or for deleting obsolete matter therefrom, and to obviate the necessity for frequently issuing completely revised editions of the manual.

3. The Navy Filing Manual shall be regarded as a manual issued by the Office of the Secretary, in accordance with Article 74 (1) (h), U. S. Navy Regulations, 1920, and changes therein shall be accomplished in accordance with Article 74 (2).

4. The provisions of the Navy Filing Manual shall be carried out under the direction of the Chief Clerk of the Navy Department, and to assist him in carrying out these provisions there shall be a Navy Filing Manual Permanent Committee composed of civil employees thoroughly experienced in and familiar with the requirements of record and file work, one of whom shall be designated as Senior Member.

5. The Office of the Secretary and the Bureau of Ships shall each nominate not more than two civil employees, and the Office of the Chief of Naval Operations and the Bureaus of Navigation, Ordnance, Aeronautics, Yards and Docks, Supplies and Accounts, and Medicine and Surgery, shall each nominate not more than one civil employee, to serve as members of the Navy Filing Manual Permanent Committee upon their appointment as such by the Secretary of the Navy.

FRANK KNOX,  
*Secretary of the Navy.*

# GENERAL INSTRUCTIONS

## INTRODUCTION

The first edition of the United States Navy Filing Manual was approved by the Secretary of the Navy July 5, 1923, and ordered put into use by all naval activities.

This fourth edition of the Navy Filing Manual has been put in loose leaf form so as to permit periodic replacement of obsolete pages without reprinting the entire book. In the future the Service will be notified by supplement of additions or corrections to be made in the Manual. As the blank spaces at the foot of each page are utilized that page will be reprinted and furnished as soon as possible, but in no case will these pages be reprinted until all spaces are used. *As no further editions are contemplated it is essential that you maintain your Manual currently.*

The many notes appearing under the subheadings in the F, N, and S groups have been to a large extent eliminated and appear as general notes in the preface to the F and N groups.

Following the general instructions will be found the complete listing of various groups and classifications under which the subject and name title groups are outlined. The careful perusal of these will add greatly to a proper understanding of the contents of the Manual. Study of the 7 "Subject Groups" and the 24 "Name Title Groups" listed in the index of classifications should give sufficient background when coupled with the following "Rules" to furnish a working knowledge of the Filing Manual. In the use of the index the symbols appearing therein should be used as a guide to the group and classifications under which the subject appears and should be used in conjunction therewith. It is specifically requested, however, that any questions arising on the use of the Manual be referred to the Office of the Secretary, Navy Department, Washington, D. C.

## FILE NUMBERS—RULES FOR APPLICATION

File numbers are formed for the various classifications of the filing system by—

- (a) A subject number: A5.
- (b) A name title number: NC.
- (c) A subject number and a subdivision thereunder: A5-7.
- (d) A name title number and a subdivision thereunder: NC2.
- (e) Two subject numbers: A1-4/L1-1.
- (f) Two name titles: NY3/LL.
- (g) A name title and a subject number: BB55/S8.
- (h) A subject number and a name title number: L11-3/NY3
- (i) A third group may be added after a/where size of file warrants further subdivision. While the use of more than two groups is permissible it is recommended that file numbers be confined to two groups.
- (j) Personnel correspondence. (See notes in LL, MM, OO groups.)

## SUGGESTED RULES FOR APPLICATION OF FILE NUMBERS

**RULE 1.**—A "slant" (/) shall be used to separate the individual standard file numbers which are used to make up the combined number. Example: BB55/S82-1.

**RULE 2.**—Arbitrary symbols used by the writer for his own convenience solely and which mean nothing to the receiver shall invariably be inclosed in parentheses. Arbitrary symbols must follow after the combined standard file number except those used for arbitrary sub-



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numbers which may follow any one of the standard file numbers used in the combination. Example: BB55/S82-1(4).

**RULE 3.**—When a file number (see art. 2043 (12), U. S. Navy Regulations) is used as a reference, the whole number shall be quoted.

**RULE 4.**—The file numbers for correspondence regarding a particular vessel (or class of vessels) may be made up of the same title file number of the vessel (or class) and the subject title file number. Example: Subject: U. S. S. *North Carolina's* boats, file No. BB55/S82.

**RULE 5.**—The file numbers for correspondence regarding a particular shore station (or class of shore stations) may be made up of the name title file number of the shore station (or class) and one or more subject title file numbers. Example: Subject: Norfolk Navy Yard, repairs to floating crane, file No. NY5/N31-15.

**RULE 6.**—File numbers for correspondence on various materials (fabricated or not fabricated) that has to do with tests, specifications, procurement, etc., and not with installation or repairs and alterations after installation, are formed by adding the leaflet specification number or class number to JJ. (See JJ Classification, Material.)

**RULE 7.**—The file number of correspondence regarding geographical locations may include the file number representing the title "Geographic location" (QG) followed by the name of the place spelled out. Special provisions have been made for foreign countries, states, grand land, and water divisions. The Hydrographic Office, Washington, D. C., is exempt from this rule. Example: Subject: Typhoon, Gulf of Aden; file No. H4-9/QG, Gulf of Aden.

**RULE 8.**—Arrangement of file numbers. The file number for the standard title U. S. S. *North Carolina* is BB55; similarly, S82 represents "boats." By combining these two in any sequence the writer indicates that the subject of the letter is the "U. S. S. *North Carolina's* boats," which should be sufficiently definite and descriptive to permit locating the letter, if later referred to by file number only, in any Navy file irrespective of its file-arrangement plan.

There are two possible combinations of the two standard titles mentioned above. The sequence of their corresponding symbols making up the file number is immaterial, as the two titles arranged in either order give a definite and positive indication of the subject of the letter. The sequence actually selected would depend upon the writer's file arrangement, i. e., the manner in which its division, subdivisions (and possible further subdivisions) are arranged.

### WRITER'S FILE ARRANGEMENT

Division	Subdivision	File No.
U. S. S. <i>North Carolina</i> -----	Boats-----	BB55/S82
Boats-----	U. S. S. <i>North Carolina</i> -----	S82/BB55

### SERIAL NUMBERS

Serial numbers should not be enclosed in parentheses but when used they should be placed on the line immediately below the file number and preceded by the word "serial." Example: "BB55/S82  
Serial 1234"

The use of the serial numbers only in referring to previous correspondence gives rise to much difficulty in locating this correspondence. It is strongly recommended in such instances that the subject and/or file number of the communication be given, unless for reasons of security it is inadvisable to reveal these facts.

### COOPERATION

A close cooperation of the administrative and technical forces with the filing forces saves loss of time to both. The holding of papers on desks, insufficient information in requests for files, *the retention of file jackets beyond a reasonable time*, all tends to block the smooth working of the files and prevents the current posting of correspondence on these

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cases, thus slowing up the efficient handling of correspondence. If a piece of correspondence is erroneously classified, the technical or administrative officer receiving it should return it to the file section for correction.

It is especially important that mail and file sections impress upon writers of official outgoing letters, the necessity of placing file numbers on all copies and indicate the bureau or office preparing same before sending them to a file room for recording.

### SUBJECTS—CLASSIFICATION

The writer of a letter is in the best position to know the salient points thereof, and should be able to place a comprehensive "subject" at the head of a letter. If the subject is misleading or too brief it frequently results in wrong classification. In a very large percentage of official correspondence, the closing paragraph sums up what action is wanted and combined with an intelligent subject gives a good classification.

### ADMINISTRATIVE INSPECTIONS

When administrative inspections are held it is recommended that the inspection officer check the Filing Manuals in possession of the unit inspected to see that all changes as issued by the Navy Department have been made therein.

### PRECEDENTS

A common failing of filing forces is to lose sight of the general significance of correspondence, tying it up with a specific case. Care should be taken that correspondence that has a *precedential* or general application be so classified, or a copy be so classified, or a cross index made.

### BOLD FACE TYPE

In the alphabetical section **bold face** type is used only to designate names of vessels.

## SUBJECT AND NAME TITLE GROUPS

### SUBJECT GROUPS.

- A Administration.
- F Aircraft material.
- H Hydrography, meteorology, navigation and astronomy.
- L Logistics.
- N Shore establishments materials.
- P Personnel.
- S Ships material.

### NAME TITLE GROUPS.

- AB-AZ Auxiliary ships.
- BB Battleships.
- CA-CL Cruisers.
- CM Mine layers.
- CV Aircraft carriers.
- DD-DM Destroyers and light mine layers.
- DMS Mine sweepers.
- EA-EZ U. S. Government Executive Departments and Foreign Governments.
- FA-FY Fleets.
- GA-HZ Government establishments, independent, etc.
- IX Unclassified vessels, naval.
- JC-JS Materials.
- KA-KW Marine corps organizations.
- LA-LV Civilian personnel.
- MA-MZ Enlisted personnel.
- NA-NZ Shore establishments.
- OA-OZ Officer personnel.
- PC-PYc Patrol vessels.
- QA-OZ Miscellaneous name titles.
- SM Mine laying submarines.
- SS Submarines.
- VB-VT Heavier-than-air aircraft.
- YA-YY District Craft.
- ZK-ZZ Lighter-than-air aircraft.

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## ADMINISTRATIVE GROUP

- A1 Plans, projects, and policies.
- A2 Executive action.
- A3 Organization and management.
- A4 Operations of vessels or aircraft.
- A5 Exercises, practices, and competitions.
- A6 Communications.
- A7 Publicity and censorship.
- A8 Intelligence.
- A9 Reports and statistics.
- A10 Publications.
- A11 Researches and investigations.
- A12 Historical matters.
- A13 Inventions, patents, and beneficial suggestions.
- A14 Foreign affairs, doctrines of state, foreign policies.
- A15 Honors and ceremonies.
- A16 War, preparation for; conduct of.
- A17 Law and justice.
- A18 Legislation and congressional action.
- A19 Conferences, congresses, and conventions (other than political).
- A20 Unclassifiable communications.
- A21 Aviation.

**A1 PLANS, PROJECTS, POLICIES.**

- A1-1 Developments.**  
Plans (for plans, drawings, see L2 and S1).  
Projects.
- A1-2 Government policies.**
- A1-3 Building programs.**  
To specify a particular project, policy, etc., combine the above with appropriate name or subject title and file number.
- A1-4 Public Works.**

**A2 EXECUTIVE ACTION.**

(For correspondence in regard to, changes in, or the interpretation, issuance, promulgation, revision, or revocation of)

- A2-1 Regulations, navy.**  
Articles for the government of the Navy (regulations).  
Changes.  
Rules of the road.
- A2-2 Manuals and administrative pamphlets.**
- A2-3 Uniform regulations, Navy and Marine Corps.**
- A2-4 Naval militia regulations.**  
**Naval reserve force regulations.**
- A2-5 Shore establishments and fleet regulations.**
- A2-6 Regulations, army.**  
Articles of war.  
Changes in Army regulations.  
Military post regulations.  
Army police.  
Army uniform.  
Militia.
- A2-7 Regulations other than army and navy.**  
Dock, harbor, police, quarantine, customs, etc.
- A2-8 Presidential decrees.**  
Executive orders.  
Proclamations.
- A2-9 General orders.**  
Court-martial orders.
- A2-10 Executive decrees other than presidential.**  
Executive orders.  
Proclamations.  
Ordinances and resolutions.
- A2-11 Departmental orders.**  
Bureau orders. (See A3-2 "Management.")  
Circular letters.  
Departmental circulars.  
Multiple letters.
- A2-12 Instructions.**  
Secret.  
Special.
- A2-13 Rules and safety laws, aviation.**  
International rules and laws.  
Safety precautions.

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**A2 EXECUTIVE ACTION—Continued.****A2-14 Permits, licenses, and passes.**

Licenses.

Permits for passage of civilians on naval vessels and aircraft. (See L20 for naval personnel, commissioned, enlisted and civil, and dependents and relatives thereof.)

Permits to take moving and still pictures.

Permits for passage of contractor's representatives on naval vessels and aircraft to witness trials and tests.

Permits for use of Government personnel for filming commercial motion pictures.

Permits to visit ships, shore stations, and private establishments doing Government work.

Property passes.

Visits to ships, shore stations, and private establishments.

Visits to executive departments and independent Government establishments.

**A2-15 Decisions, opinions, criticisms, and precedents.**

Interpretations of decisions, opinions, and precedents.

Requests for decisions.

To specify a particular regulation, order, instruction, rule, decision, opinion, etc., combine the above with appropriate name of subject title and file number. Circular letters and similar correspondence should be classified under the title most appropriately descriptive of the subject matter. The above classifications are furnished principally for correspondence relative to handling, issuing, etc., or circular letters, etc.

**A3 ORGANIZATION AND MANAGEMENT.****A3-1 Organization.**

Amalgamation.

Authority and jurisdiction of any administrative unit.

Centralization.

Cognizance.

Cognizance of work.

Concentration.

Consolidation.

Definition of authority.

Delegation of authority.

Distribution of units.

Division of any administrative unit.

Extent of authority.

Organization of charts.

Peace basis.

Powers, duties, and function of any administrative unit.

Reorganization.

Responsibility for work.

Strength and distribution (organizations; for personnel, see P16-1).

Succession of authority.

War basis.

War footing.

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**A3 ORGANIZATION AND MANAGEMENT—Continued.**

- A3-2 Management.**  
 Business methods and procedure.  
 Conferences, administrative.  
 Constitution and bylaws.  
 Coordination (organization and management).  
 Cooperation (organization and management).  
 District orders. (See A2-5 for navy yard regulations.)  
 Economy.  
 Interbureau orders.  
 Intrabureau orders.  
 Liaison (organization and management).  
 Navy yard orders.  
 Office memoranda.  
 Office methods.  
 Scientific management.  
 Shop management.
- A3-3 Blanks and forms.** (For honorable discharge blanks, see P19-1.)
- A3-4 Status of public business in bureaus and offices, report of, etc.**

**A4 OPERATIONS OF VESSELS, AIRCRAFT, AND SHORE STATIONS.**

- A4-1 Status of vessels and aircraft.**  
 Change in status of vessels and aircraft.  
 Commissioning and recommissioning.  
 Decommissioning.  
 Fitting out and fitting-out yards.  
 In commission.  
 In commission in ordinary.  
 In full commission.  
 In commission in reserve.  
 In reduced commission.  
 Loss of, official declaration of.  
 Out of commission.  
 Striking from Navy list.
- A4-2 Status of shore stations.**  
 Closing of shore stations.  
 Establishment of shore stations. (See A1 for proposed establishment.)  
 Opening of shore stations.
- A4-3 Ship and aircraft movements.**  
 Arrivals and departures.  
 Assignments, details, towing.  
 Clearance.  
 Cruises, cruising reports.  
 Diversion.  
 Employment of aircraft.  
 Employment of as (escort duty, detached service, Great Lakes patrol service, ice patrol service, immigration patrol service, etc.).  
 Entry.  
 Flights.  
 Home port.  
 Itineraries.  
 Movement orders.  
 Operation orders.
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**A4 OPERATIONS OF VESSELS, ETC.—Continued.**

- A4-3 Ship and aircraft movements—Continued.**  
 Passage.  
 Ports of call.  
 Schedules of employment.  
 Sealed orders.  
 Secret orders.  
 Shake-down cruises.  
 Tentative sailings.
- A4-4 Routine.**  
 Guard, boats.  
 Guard, medical.  
 Guard, ships.
- A4-5 Visits of ships or aircraft.**  
 Visits of foreign vessels or aircraft to ports of other foreign countries.  
 Visits of foreign vessels or aircraft to United States ports.  
 Visits of United States vessels or aircraft to foreign ports.  
 Visits of United States vessels or aircraft to United States ports. (See A15-2.)

**A5 EXERCISES, PRACTICES, AND COMPETITIONS.**

- A5-1 Gun exercises.**  
 Aircraft practices.  
 Advanced practices.  
 Battle practices (antiaircraft).  
 Force, division, or section practices.  
 Gunnery instructions.  
 Long-range battle practice.  
 Night battle practices.  
 Short-range battle practices.  
 Short-range director practices.  
 Spotting practice (day or night), turret and broadside.  
 Spotting practices (antiaircraft).
- A5-2 Torpedo exercises.**  
 Battle torpedo practices.  
 Control.  
 Depth settings.  
 Elementary torpedo practices.  
 Exercise torpedoes.  
 Ready torpedoes.  
 Rehearsals.
- A5-3 Mine exercises.**
- A5-4 Depth-charge exercises.**
- A5-5 Bomb exercises.**
- A5-6 Field and boats gun and small-arm exercises.**  
 Boat gun practices.  
 Marksmanship.  
 Rifle matches.  
 Scores (small-arm practices).  
 Small-arm competitions.  
 Small-arms firing regulations.  
 Trophies, rifle.
- A5-7 Engineering performances.**  
 Accounts.  
 Allowances.
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**A5 EXERCISES, PRACTICES, AND COMPETITIONS—Continued.**

- A5-7      Engineering performances—Continued.**
  - Allowed speed.
  - Analyses of performance.
  - Availability cruises.
  - Break-downs.
  - Casualties.
  - Conditions.
  - Cruising radius (actual performance).
  - Economy.
  - Eligibility.
  - Endurance runs.
  - Engineering competitions.
  - Factors.
  - Fuel accounts.
  - Fuel consumption.
  - Fuel equivalents.
  - Full-power trials.
  - Horsepower, fuel consumption, and speed curves determined after commissioning. (For similar data taken on preliminary and final trials, see S8.)
  - Light spread.
  - Merit.
  - Money prizes.
  - Navy "E."
  - Observers.
  - Performance curves.
  - Rules.
  - Score.
  - Smoke-prevention runs.
  - Standardization trials. (See S8 for "Acceptance trial.")
  - Steaming data.
  - Submerged runs.
  - Trophies.
  - Umpires.
- A5-8      Battle efficiency competition.**
- A5-9      Drills.**
  - Abandon ship.
  - Angle fire data.
  - Angle of fall, projectile.
  - Ballistic exercises and diagrams.
  - Battery.
  - Bayonet.
  - Boat.
  - Collision.
  - Competitive.
  - Curved fire speed data.
  - Exhibition.
  - Fire.
  - Fire and rescue.
  - Gas defense.
  - Guard mounting exercise.
  - Marches, practice.
  - Marjorie Sterrett battleship fund awards.
  - Moments of inertia, projectile.
  - Navy "E."
  - Prize money (gunnery).
  - Ranging data.



**A5 EXERCISES, PRACTICES, AND COMPETITIONS—Continued.**

- A5-9 Drills—Continued.**  
 Regulations.  
 Reports on material and general remarks, gunnery exercises.  
 Tournaments, military.  
 The following, when occurring, will be classified with the type of practice under discussion.  
 Ammunition allowance (gunnery exercises).  
 Base course.  
 Casualties (gunnery exercises).  
 Classification of guns.  
 Fire distribution (gunnery exercises).  
 Gunnery preparedness inspections.  
 Hang fires (gunnery exercises).  
 Hits (gunnery exercises).  
 Limits of fire.  
 Observers and observations.  
 Observations, fall of shot.  
 Observations, rake.  
 Painting of shell for gunnery exercises.  
 Pattern, salvo (gunnery exercises).  
 Predicted scores.  
 Prizes (gunnery exercises).  
 Qualifications (gunnery exercises).  
 Rakes (gunnery exercises).  
 Range.  
 Range tables (gunnery exercises).  
 Range tug (gunnery exercises).  
 Rehearsals (gunnery exercises).  
 Repair party.  
 Roll and pitch (gunnery exercises).  
 Salvo signals (gunnery exercises).  
 Scores method of computing (gunnery exercises).  
 Sealed instructions (gunnery exercises).  
 Spotters (gunnery exercises).  
 Towing vessel (gunnery exercises).  
 Trophies (gunnery exercises).
- A5-10 Bakery and cooking competition.**
- A5-11 Communication competition, radio, sound, and visual, prizes for proficiency in.**
- A5-12 Pigeon training, races, flights, etc.**
- A5-13 Visual signalling competition.**
- A5-14 Aircraft and balloon races.**  
 Aircraft.  
 Balloon.  
 Trophies.
- A5-15 Damage control practice.**

**A6 COMMUNICATIONS.**

- A6-1 Traffic (communications).**  
 Alasiatic messages.  
 Atlal messages.  
 Alnav messages.  
 Alnavsta messages.  
 Alpac messages.  
 Cable service.
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**A6 COMMUNICATIONS—Continued.**

- A6-1 Traffic (communications)—Continued.**  
 Cablegrams.  
 Day letters.  
 Dispatches (messages).  
 Field messages.  
 Land-wire traffic.  
 Land wire service and facilities. Complaints on land wire systems.  
 Night letters.  
 Night telegrams.  
 Radio traffic.  
 Radio traffic, routing of.  
 Radiograms.  
 Rates for radio service when sent by Government stations.  
 Tapping wires (listening in).  
 Telegrams.  
 Telegraph service.  
 Telegraph traffic (land wire).  
 Telephone directories.  
 Telephone messages.  
 Telephone service.  
 Telephone traffic (land wire).  
 Television (telephone).  
 Traffic time studies.
- A6-2 Operations of radio.**  
 Atmospheric disturbance (static, etc.).  
 Complaints as to delays, failures, etc., in handling.  
 Complaints as to handling of radio traffic.  
 Calibrations.  
 Discrepancies.  
 International radio accounts.  
 Listening in.  
 Radiobroadcasting.  
 Radio circuits.  
 Radio-compass bearings.  
 Radio-compass operations.  
 Radio interference (wave lengths).  
 Radio operating signals.  
 Radiophone broadcasting.  
 Radio schedules.  
 Radio service, domestic and foreign.  
 Television (radio).  
 Tests of radio station (operating).  
 Time signals.  
 Time, transmission of (broadcasting).  
 Tracking and drilling.  
 Transmission power.  
 Transmitting intervals.  
 Violations of communication instructions.  
 Wave lengths, radio (traffic).
- A6-3 Codes and signals.**  
 Boat hails (signals).  
 Bugle calls.  
 Call letters.  
 Cipher codes.  
 Cipher letters.  
 Code lists (codes).  
 Codes, radio.

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**A6 COMMUNICATIONS—Continued.****A6-3 Codes and signals—Continued.**

Codes, secret.  
 Codes (signal).  
 Codes (telegraphic).  
 Cryptograms.  
 Commercial signaling code.  
 Flag signaling code.  
 International Signal Code.  
 Signal books.  
 Signaling.  
 Signaling, danger.  
 Signaling, distress.  
 Signaling, flag.  
 Signaling, fog.  
 Signaling, heliograph.  
 Signaling, night.  
 Signaling, pyrotechnic.  
 Signaling, rocket.  
 Signaling, semaphore.  
 Signaling, sound.  
 Signaling, tactical.  
 Signaling, visual.  
 Underwater sound signaling.

**A6-4 Mail.**

Air mail service.  
 Anonymus.  
 Cable addresses (other than individuals).  
 Cable addresses, registration of (other than individuals).  
 Change of address (other than individuals).  
 Christmas boxes and packages.  
 Communications from persons mentally deficient.  
 Communications too vague to be answered.  
 Courier service.  
 Crank letters.  
 Dead letters.  
 Destroyed.  
 Dispatch agencies.  
 Franking privilege.  
 Foreign.  
 Guard for.  
 Insured mail.  
 Irregularity in.  
 Lost.  
 Mail addresses (other than individuals).  
 Mailing lists.  
 Messenger service.  
 Misdirected.  
 Money orders.  
 Ocean mail service.  
 Parcel post.  
 Parcel-post zones.  
 Penalty envelopes.  
 Personal mail.  
 Private mail.  
 Postage, rates of.  
 Postage stamps.  
 Postal guide and supplements.

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**A6 COMMUNICATIONS—Continued.**

- A6-4 Mail—Continued.**  
 Postal laws and regulations.  
 Post routes.  
 Pouch service.  
 Registered mail.  
 Rural.  
 Service.  
 Secret writing.  
 Transportation of.  
 Translations.  
 Undelivered mail.  
 Violations of postal laws and regulations.
- A6-5 Correspondence.**  
 Certified copies.  
 Instructions regarding preparation and forwarding of.  
 Irregularities in.  
 Manner of handling.  
 Methods of.  
 Office channels.  
 Routing sheets.  
 Signing of mail and correspondence.
- A6-6 Files and records.**  
 Amendments and correction of.  
 Destruction of records.  
 Examination of records.  
 File and index systems.  
 Lost records.  
 Making copies of.  
 Preservation of.  
 Production in court.  
 Records (archives).  
 Storage and care of.  
 Use of.  
 Tracer system.  
 Useless records and papers, destruction and disposition of.
- A6-7 Pigeon service.**  
 Pigeons, pedigrees and statistics of. (For pigeon lofts see N28-7; for aircraft pigeons and equipment see F42-4.)
- A6-8 Secret and confidential correspondence and files, instructions for handling, etc.** (See A7-3 for confidential publication.)

**A7 PUBLICITY AND CENSORSHIP.**

- A7-1 Publicity.**  
 Announcements.  
 Bulletins and circulars.  
 Bureau supplies and accounts memoranda.  
 Circulars.  
 Commercial press (radio).  
 Freedom of speech and of the press.  
 Interviews.  
 Movements of vessels, daily bulletin of.  
 Navy radio press.  
 News letters, permission to publish.  
 Orders issued to officers, daily bulletin of.  
 Permission to publish.
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**A7 PUBLICITY AND CENSORSHIP—Continued.**

- A7-1 Publicity—Continued.**  
 Press clippings.  
 Press correspondents.  
 Press notices.  
 Press reports.  
 Propaganda.  
 Public opinion.  
 Public press.
- A7-2 Censorship.**  
 Articles for publication, scrutiny of.  
 Handling confidential and secret matters.  
 Leaks of confidential information.
- A7-3 Confidential, secret, and registered publications.**  
 Corrections.  
 Custody.  
 Handling.  
 Loss of.  
 Safeguarding.
- A7-4 Motion pictures and films.**  
**A7-5 Photographs.**

**A8 INTELLIGENCE.**

- A8-1 Intelligence systems.**  
 Instructions to officers relative to intelligence reports.
- A8-2 Information, collection of.**  
 Information from abroad.  
 Information service.  
 Military information other than own.
- A8-3 Information, dissemination of, general.**  
 Dissemination of information to foreign governments.
- A8-4 Secret Service.**  
 Agents.  
 Volunteer informants.
- A8-5 Espionage.**  
 Activities of foreigners.  
 Alien enemies.  
 Spies.  
 Suspects.  
 Unfriendly persons.

**A9 REPORTS AND STATISTICS.**

- A9-1 Annual reports.**  
**A9-2 Semiannual reports.**  
**A9-3 Quarterly reports.**  
**A9-4 Monthly reports.**  
**A9-5 Semimonthly reports.**  
**A9-6 Weekly reports.**  
**A9-7 Daily reports.**  
**A9-8 Occasional reports.**  
**A9-9 Reports of proceedings of boards, commissions. See**  
 A17 for reports of statutory boards.  
 Minority reports.
- A9-10 Statistics.**  
 Census.  
 Data.  
 Population.
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**A9 REPORTS AND STATISTICS—Continued.**

- A9-11** Ship's data book.
- A9-12** Lloyd's Register.
- A9-13** American bureau shipping register.
- A9-14** Public works data book.
- A9-15** Jane's fighting ships.
- A9-16** Technical data and notes.

The above subject titles and file numbers are inserted for use in "crossing" and for combining with pertinent titles, as required, for distinguishing and filing the various reports and correlative correspondence.

**A10 PUBLICATIONS.**

- A10-1** **Preparation.**
  - Authors and authorship.
  - Copyrights, copyright royalties.
  - Corrections to cancellations and withdrawals.
  - Editing.
  - Engraving.
  - Illustrations (printing and binding).
  - Instructions governing the printing and binding of Government publications.
  - Legend on publications.
  - Plates.
  - Printing and binding.
  - Proofs and proofreading.
  - Requisitions for printing and binding (authority).
  - Reviews and opinions.
- A10-2** **Magazines, periodicals, newspapers, etc., and subscriptions for.**
- A10-3** **Requests for and exchanges.**
  - Cancellations and withdrawals.
  - Distribution.
  - International exchange of publications.
- A10-4** **Directories.**
  - City.
  - Port.

(For Directory, Navy, see P16-6.)
- A10-5** **Almanacs (except nautical) and calendars.**
- A10-6** **Ship and station papers (magazines).**

The above subject title and file number is inserted for use in "crossing" and for combining with pertinent titles as required for distinguishing and filing the various publications and correlative correspondence.

**A11 RESEARCHES AND INVESTIGATIONS.**

- A11** **Scientific and similar expeditions, explorations, observations, researches, and investigations.**

The above subject title and filing number is inserted for use in "crossing" and for combining with pertinent titles, as required, for distinguishing and filing the various researches, etc., and correlative correspondence. (For analysis, tests, and experiments, see L5-2.)

**A12 HISTORICAL MATTERS.**

- A12-1** **Chronicles.**
  - Captured records.
  - Deck logs.
  - Engineering logs.

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**A12—HISTORICAL MATTERS—Continued.**

- A12-1 Chronicles—Continued.**  
 Engineers' bell book.  
 Logs.  
 Ships machinery history.  
 War diaries.  
 War histories.  
 War records.
- A12-2 Mementos.**  
 Brochures (souvenir pamphlets).  
 Disposition of relics.  
 Flags, historical.  
 Historical tablets. (For ships see S28-5.)  
 Loan of relics.  
 Paintings, historical.  
 Relics.  
 Ruins.  
 Trophies. For engineering performances and gunnery exercises trophies, see A5. For athletic trophies, see P10.
- A12-3 State papers.**  
 Constitution of the United States.  
 Declaration of Independence.  
 Magna charta.
- A12-4 Official seals.**  
 Coats of arms.  
 Emblems.  
 Combine with QW to provide for any particular war.

**A13 INVENTIONS, PATENTS, AND BENEFICIAL SUGGESTIONS.**

- A13-1 Inventions and patents, general.**
- A13-2 Inventions and patents of Government personnel.**  
 Applications for patents.  
 Assignment of patents.  
 Issue of patents.  
 License under patents.  
 Priority of consideration, requests for.
- A13-3 Inventions and patents, other than Government personnel.**  
 Applications for patents.  
 Assignment of patents.  
 Issue of patents.  
 License under patents.  
 Priority of consideration, request for.
- A13-4 Infringements and interferences.**  
 Claims.  
 Guarantees.  
 Misappropriation of ideas.  
 Suppression.
- A13-5 Royalties.**
- A13-6 Trade-marks.**
- A13-7 Beneficial suggestions. (See L22-3 for money rewards for.)**  
 New devices.  
 New ideas.
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**A14 FOREIGN AFFAIRS, DOCTRINES OF STATE, FOREIGN POLICY.**

- A14-1 Commercial intercourse.** (See also L14 and L23.)  
 Arming of merchant vessels.  
 Convoying of merchant or passenger vessels.  
 Discrimination, foreign, commercial.  
 Duties, etc. (See L14-2.)  
 Embargo, contraband of war, confiscations in connection with.  
 Navigation, closing of, opening of, for diplomatic reasons.  
 Ports, closed ports; open ports; blockaded ports.  
 Three-mile limit, commercial relations.  
 Twelve-mile limit.
- A14-2 Property rights, international** (not commerce).  
 Private property, protection of, in foreign countries.  
 Property rights involved in war; confiscations; enemy property; internment of property, ships, machinery, etc.
- A14-3 Personal rights, international, noncombatants.**  
 Citizens, protection of, in foreign countries.  
 Internment of persons.  
 Impressment.  
 Rights of asylum.  
 Safe conduct.  
 Treatment of women and children.
- A14-4 Influence of nations, international relations.**  
 Arbitration.  
 Foreign interference.  
 Intervention.  
 Mandates and manifests.  
 Mediation.  
 Monroe Doctrine.  
 Spheres of influence.
- A14-5 Diplomatic intercourse, international, doctrines of state.**  
 Causes of war; overt acts.  
 Controversies; disputes.  
 Demonstration of force.  
 Diplomatic relations, severance of; nonintercourse; resumption of.  
 Missions, diplomatic. (See Boards, Committees, Commissions, Missions, etc.)  
 Missions, fleet. (See Boards, etc.)  
 Negotiations.  
 Three-mile limit; other than commercial relations.
- A14-6 Status of nations, with reference to war and peace.**  
 Neutral nations; neutrality; proclamation of neutrality.  
 Passage of armed forces through foreign territory.  
 Peace, proclamation of; termination of war; actual date of termination of war or hostilities.  
 War, declaration of actual date of beginning of hostilities.  
 War, proclamation of.
- A14-7 International agreements; awards; protocols.**  
 Alliances; allies.  
 Amnesty; political relations.  
 Annexation of territory.
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**A14 FOREIGN AFFAIRS, ETC.—Continued.**

- A14-7 International agreements; awards; protocols—Continued.**  
 Armaments, limitations of; reductions of; scrapping of ships in connection with.  
 Armistice. (See A16).  
 Boundaries, international; cessions of territory.  
 Cessions, other than territory.  
 Concessions.  
 Indemnities; reparations.  
 League of Nations.  
 Modus vivendi.  
 Treaties.

**A15 HONORS AND CEREMONIES.**

- A15-1 Official courtesies.**  
 Dipping of colors.  
 Display of flags and colors.  
 Dressing ship.  
 Escorts.  
 Etiquette (naval).  
 Guards of honor.  
 Honors.  
 Manning the rail.  
 Manning the yards.  
 Ruffles and flourishes.  
 Salutes and saluting stations.  
 Side boys.  
 Visits of ceremony.
- A15-2 Ceremonies.**  
 Addresses (speeches).  
 Anniversary commemorations not legal holidays.  
 Celebrations.  
 Coronations.  
 Demonstrations (ceremonies).  
 Detail of vessels for.  
 Encampments.  
 Inaugurations.  
 Memorial services.  
 Parades.  
 Public receptions.  
 Requests for and details of aircraft, bands, personnel, and vessels for celebrations and other functions.  
 Requests for speakers.  
 Reviews.  
 Unveilings.
- A15-3 National airs.**  
 The Star Spangled Banner.  
 For funerals of individuals, parades, and ceremonies in connection therewith, see P6-4.

**A16 WAR, PREPARATION FOR; CONDUCT OF.**

- A16-1 National defense.**  
 Allocations.  
 Military observations; in foreign countries; other. (See also A8-Int.)  
 Military strength of other powers.  
 Preparations for war; preparedness.  
 Protection of the seacoast.

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**A16 WAR, PREPARATION FOR; CONDUCT OF—Continued.**

- A16-1 National defense—Continued.**  
 Study of military and naval problems, other than military operations.  
 Universal training.  
 War slate. (See P16-9.)
- A16-2 Belligerents; combatants; policies of, in conduct of war.**  
 Arming of merchant vessels. (See A14-1.)  
 Civilized methods of warfare; approval or disapproval of various weapons; illegal warfare.  
 Hostages.  
 Prisoners of war; surrender of individuals and groups.  
 Reprisals.  
 Retaliation.
- A16-3 Warfare operations; defensive; offensive; reports of; problems; war games.**  
 Activities, military or naval; councils of war.  
 Aerial bombing operations, aerial gas warfare.  
 Aerial spraying or sprinkling of liquids.  
 Aerial warfare, methods.  
 Armistice (protocol of armistice).  
 Blockades; bombardments; sieges.  
 Chemical warfare. (See S77 for ship installations.)  
 Combined air operations.  
 Demobilization of ships; of aircraft.  
 Demobilization of troops.  
 Detached service, military operations.  
 Engagements; battles; combats; encounters; raids; guerilla warfare.  
 Expeditions; campaigns.  
 Invasion; landing of armed forces; capture; occupation; abandonment; evacuation; surrender of places, positions, ships, armies, etc.  
 Joint operations of combined forces.  
 Land antiaircraft, methods; land mining operations.  
 Land warfare, methods.  
 Mobilization of ships; aircraft; reinforcement.  
 Mobilization of troops; reinforcement.  
 Screening operations, indirect methods of attack; ambush; barrage; camouflage, decoys; smoke screens.  
 Sea warfare (surface); naval warfare, methods; sea antiaircraft operations; antisubmarine operations.  
 Search operations; explorations; reconnaissance; scouting; search curves; search of vessels (boarding vessels.)  
 Service of information; skirmishing; aerial photography.  
 Strategy; tactics; data; strategical and tactical information; study of data (communications); formations; maneuvers; movements.  
 Submarine warfare, methods.  
 Tactical instructions.  
 Terminating military operations; flag of truce; truce; cessation of hostilities; suspension of hostilities.  
 Theater of war; enemy territory; defensive sea areas; places.
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**A16 WAR, PREPARATION FOR; CONDUCT OF—Continued.****A16-3 Warfare operations—Continued.**

War instructions.

All general instructions, discussions, and reports on fleet and unit problems; Army and Navy problems; war games; strategy and tactics, etc., should be placed under this heading.

**A16-4 Lend-lease program.****A17 LAW; JUSTICE.****A17-1 Systems and sources of law.**

Common law; constitutional law; international law; statutes. (For Statutes of United States, see A18; For treaties, see A14.)

**A17-2 Legal codes; codifications.**

Civil codes; penal codes; Revised Statutes; Statutes at Large.

Enforcement of laws.

Federal laws; State laws; laws of foreign countries; municipal laws, and ordinances.

Promulgation of laws.

**A17-3 Special civil jurisdictions.**

Admiralty and maritime law; prize courts; commercial law; consular courts.

**A17-4 Judicial powers; functions; civil courts.**

Appellate jurisdiction, civil; court officers; judiciary; court calendars; dockets; court calls; court decrees; court decisions; civil.

**A17-5 Remedies; proceedings; relief; legal instruments.**

Actions; annulments; appeals; caveat; habeas corpus proceedings; indictments; injunctions; judgments; jury; mandamus; penalties, civil laws; suits, law; litigation; wills and testaments. (For processes, warrants, writs, etc., see specific subject.)

Bankruptcy proceedings.

**A17-6 Agents, legal matters.**

Administration of oaths, other than courts-martial; by naval personnel; by civil personnel; by others; notaries public.

Attorneys; attorneys at law.

Commissioner of deeds.

Disbarments; permits.

Power of attorney. (See also L13-1.)

Practice before departments; legal ethics.

**A17-7 Delivery of men to civil authorities.**

Arrests of Government personnel on Federal reservations by civil authorities.

Delivery of Government personnel to civil or other Federal authority.

Government personnel acquitted by civil authorities.

Government personnel convicted by civil authorities.

Government personnel released on bail by civil authorities.

Men convicted by civil authorities; released on bail; men acquitted by civil authorities.

Naval prisoners wanted as witnesses in civil courts.

Naval prisoners wanted as witnesses or parties in civil court.

Naval prisoners wanted by other military authorities.

Naval prisoners wanted for trial by civil courts.

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## A17 LAW; JUSTICE—Continued.

- A17-8 **Service of civil process on Navy personnel.**  
Subpoena, etc.
- A17-9 **Naval law; sources, written, unwritten.**  
Customs and usages. (See also A2, A12, A17-4, A18.)  
Laws Relating to the Navy, annotated (Code).  
Naval Digest.  
Naval Courts and Boards.
- A17-10 **Military government; martial law.**  
Exceptional military courts; military commission; superior provost court; provost court.  
Authority to convene; precept for.  
Record of proceedings; conduct of trial.  
Martial law, exercise of, by Navy; jurisdiction.  
Military government, exercise by Navy; jurisdiction.  
Military law.
- A17-11 **Courts-martial; organization; legal constitution of.**  
Authority to convene. (See particular kind of court.)  
Judge Advocate recorder.  
Qualifications; duties; legal ethics; closed court.  
Counsel for judge advocate.  
Clerical assistance; reporter (stenographer); interpreter.  
Expense to Government of; permission.  
Members, qualifications of.  
Officers of United States Naval Reserve Force or Coast Guard, etc., as members.  
Challenge of members.  
Quorum; reduction of membership below; attendance below.  
Duties of members; oaths; limitation of functions before sworn; liability of. (See also A17-15.)  
Place of meeting; court; place under jurisdiction of United States.  
Precept; composition of the court. (See particular kind of court.)  
President; senior member.  
Qualifications; duties; absence of.  
Provost marshal; guard; orderly.  
Qualifications; duties.
- A17-12 **Courts-martial; jurisdiction; pleas to the jurisdiction.**  
(See also A17-11.)  
Appellate jurisdiction, courts-martial cases.  
Jurisdiction as to persons and time; statute of limitations. (See also Enlistment, P14-4, P19-1, and State of war, P13-1.)  
Jurisdiction as to place offense committed; concurrent jurisdiction.  
Jurisdiction of Army courts-martial to try persons in the Navy, and vice versa.  
Jurisdiction over offenses; over murder.
- A17-13 **Procedure before trial; rights of accused.**  
Arrest; suspension; confinement before trial; privileges.  
Charges and specifications, for trial in joinder.  
Original copy, disposition of.  
Copy for accused; receipt; admission of receipt in court.
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**A17 LAW; JUSTICE—Continued.**

- A17-13 Procedure before trial; rights of accused—Continued.**  
 Counsel for accused; qualifications; duties; legal ethics.  
 Nolle prosequi.  
 Report for trial.
- A17-14 Trial-procedure. Rights of accused.**  
 Argument; opening; closing.  
 Arraignment, for trial in joinder.  
 Pleas, rejection of. (See also A17-11, A17-12.)  
 Plea in bar of trial; former jeopardy; pardon.  
 Pleas to the general issue; not guilty, guilty, etc.  
 Plea of insanity.  
 State of accused.  
 Time of trial; reports of delay.
- A17-15 Evidence; witnesses; testimony.**  
 Attendance of civilian witnesses; subpoena; warrant of attachment; expenses; fees.  
 Attendance of witnesses in naval or military service summons; expenses.  
 Competence of evidence.  
 Hearsay; confessions; admissions; admissions of joint conspirators; dying declarations; res gestæ; statements of injured persons.  
 Writings; letters; telegrams; oaths; affidavits; depositions; former testimony.  
 Oaths, administration by court-martial.  
 Other rules; opinion evidence; expert testimony; real evidence; exhibits as evidence.  
 Competence of witnesses; testimony of accused; an accomplice; a member or judge advocate of the court; counsel; medical officers; civilian physician; a husband or wife; children; mentally deficient.  
 Examination of witnesses, privileges of; credibility of; impeachment of.  
 Oaths, administering by court-martial.  
 Proof; evidence.  
 Nature of evidence; direct; circumstantial.  
 Issues; burden of proof; degree of proof.  
 Relevance; character evidence; in mitigation.
- A17-16 Findings.**  
 Method of arriving at; voting.  
 Recordation of.
- A17-17 Sentence; courts-martial procedure.** (For Schedule of punishments, see P13-9.)  
 Method of arriving at sentence; voting.  
 Previous convictions; introduction into record.  
 Recordation of sentence.
- A17-18 Revision.**  
 Constitution of the court.  
 Health of the accused; summary court-martial cases.
- A17-19 Reviewing authority; convening authority; action on case.**  
 Approval or disapproval of sentence, portion of sentence, findings; proceedings.  
 Clemency by reviewing authority. (See P13-10.)
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**A17 LAW; JUSTICE—Continued.**

- A17-20 General court-martial, record of proceedings.**  
 Authority to convene.  
 Precept; composition of the court; changes in membership. (For other subjects relating to general courts-martial, see A17-11 to 19.)
- A17-21 Summary courts-martial, record of proceedings.** (See also A17-11 to 19.)  
 Authority to convene.  
 Functions; jurisdiction; procedure.  
 Precept; composition of the court.
- A17-22 Deck court, record of proceedings.** (See also A17-11 to 19.)  
 Authority to convene.  
 Functions; jurisdiction; procedure.  
 Precept; composition of the court.
- A17-23 Naval Academy courts-martial, record of proceedings.**  
 (See also A17-11 to 19.)  
 Authority to convene.  
 Functions; jurisdiction; procedure.  
 Precept; composition of the court.
- A17-24 Court of inquiry, record of proceedings.** (See also A17-11 to 19.)  
 Authority to convene.  
 Functions; jurisdiction; procedure.  
 Precept; composition of the court.
- A17-25 Board of investigation, record of proceedings.** (See also A17-11 to 19.)  
 Authority to convene.  
 Functions; powers; procedure.  
 Precept; composition of the board.
- A17-26 Investigation by one officer, record of proceedings.** (See also A17-11 to 19.)  
 Authority to convene.  
 Functions; powers; procedure.  
 Precept; qualifications of investigating officer.
- A17-27 Board of inquest, record of proceedings.** (See also A17-11 to 19.)  
 Authority to convene.  
 Functions; powers; procedure.  
 Precept; composition of the board.
- A17-28 Naval examining board; record of proceedings.**  
 Authority to convene.  
 Composition of board.  
 Functions; powers; precept; procedure.
- A17-29 Medical examining board; record of proceedings.**  
 Authority to convene.  
 Composition of board.  
 Functions; powers; precept; procedure.
- A17-30 Marine examining board; record of proceedings.**  
 Authority to convene.  
 Composition of board.  
 Functions; powers; precept; procedure.
- A17-31 Naval selection board; record of proceedings.**  
 Authority to convene.  
 Composition of board.  
 Functions; powers; precept; procedure.
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**A17 LAW; JUSTICE—Continued.**

- A17-32 Marine selection board; record of proceedings.**  
     Authority to convene.  
     Composition of board.  
     Functions; powers; precept; procedure.
- A17-33 Retiring board; record of proceedings.**  
     Authority to convene.  
     Composition of board.  
     Functions; powers; precept; procedure.
- A17-34 Naval clemency board.**  
     Authority to convene.  
     Composition of board.  
     Functions; powers; precept; procedure.
- A17-35 Marine retiring boards.**
- A17-36 Boards of inquiry.**

**A18 LEGISLATION AND CONGRESSIONAL ACTION.**

- A18-1 Bills (legislation).**  
     Preparation of, hearings on; House bills; Senate bills.
- A18-2 Acts and resolutions (legislation).**  
     House resolutions.  
     Joint Senate and House resolutions.  
     Senate resolutions.
- A18-3 Congressional investigations.**  
     By House committee.  
     By Senate committee.
- A18-4 Hearings.**

**A19 CONFERENCES, CONGRESSES, AND CONVENTIONS  
(OTHER THAN POLITICAL OR ADMINISTRATIVE).**

**A20 UNCLASSIFIABLE COMMUNICATIONS.**

Correspondence which is believed unclassifiable under the other standard titles will be handled temporarily under this title. A copy or brief of the correspondence in question will be forwarded to the department for decision as to the proper classification and for the creation of a suitable title in the next revision of the Filing Manual.

**A21 AVIATION.**

- A21-1 Naval Air Service.**
- A21-2 Marine Corps Air Service.**
- A21-3 Army Air Service.**
- A21-4 Postal Air Service.**
- A21-5 Commercial Air Service.**

This group is to be used for general correspondence on aviation. Correspondence on planes, airships, material, or personnel should be filed under proper material or personnel groups.

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## AIRCRAFT MATERIAL GROUPS.

- F1 Design.
- F2 Expense administration (general).
- F3 Planning.
- F4 Preparation (incidental to building).
- F5 Molds.
- F6 Launching and docking.
- F7 Construction processes.
- F8 Trials.
- F9 Blank.
- F10 Engine section and nacelle group.
- F11 Wing group (airplane).
- F12 Tail group (airplane).
- F13 Body group (airplane).
- F14 Strength hull structure (airship).
- F15 Other hull structures (airship).
- F16 Fins and rudders (airship).
- F17 Car structure (airship).
- F18 Gas cells and envelope (airship).
- F19 Outer cover (airship).
- F20 Inflation gases (airship).
- F21 Main propelling machinery (power plant).
- F22 Transmission (airship).
- F23 Propellers.
- F24 Starting system.
- F25 Cooling system.
- F26 Lubricating system.
- F27 Fuel system.
- F28 Water-recovery system (airship).
- F29 Tools and equipment (aircraft and engine).
- F30 Blank.
- F31 Instruments and navigational equipment (other than lights).
- F32 Control system.
- F33 Interior communication.
- F34 Furnishing.
- F35 Ventilating and heating.
- F36 Electric power and lighting.
- F37 Auxiliary machinery.
- F38 Finish.
- F39 Insignia and marking.
- F40 Designations.
- F41 Ordnance.
- F42 Exterior communication.
- F43 Parachutes and harness.
- F44 Photography and equipment.
- F45 Handling, mooring, and towing gear.
- F46 Hydraulic system.
- F47 Blank.
- F48 Special equipment.
- F49 Miscellaneous equipment.

Plans in connection with any of the foregoing will be considered as belonging therewith. Correspondence in connection with application of finish to material will be considered as belonging with the parts concerned.

**F1 AIRCRAFT DESIGN.**

- F1-1**      **General board requirements.**
- F1-2**      **Preliminary design.**  
             Area calculations.  
             Camera obscura.  
             Design data.  
             Design memoranda.  
             Layout and drawings.  
             Models.  
             Performance calculations.  
             Photo elastic stress analysis.  
             Pressure distribution.  
             Proportions.  
             Specification changes.  
             Static tests.  
             Strength calculations.  
             Stress analysis.  
             Towing basin tests.  
             Trim calculations.  
             Turning experiments.  
             Weight calculations.  
             Wind tunnel tests.
- F1-3**      **Specifications.**  
             Aircraft specifications.  
             Army and Navy standard aircraft specifications,  
                     general.  
             Erection specifications.  
             Fabrication specifications.  
             Finish specifications.  
             Insignia and marking specifications.  
             Material parts.  
             Material specifications.  
             Specification changes.
- F1-4**      **Contract requirements.**  
             Award of bid.  
             Delivery.  
             Guaranty.  
             Photographs.  
             Quantity.  
             Requisition.  
             Returned weight statement.  
             Special requirements.  
             Strength tests.
- F1-5**      **Final design.**  
             Center of gravity determination.  
             Erection instructions.  
             Flight performance tests (other than trials under  
                     F-8).  
             Mock-up.  
             Photographs (complete airplane on ground, water,  
                     and in air).  
             Return weight statement.  
             Strength calculations and tests.
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**F2 AIRCRAFT EXPENSE, ADMINISTRATION.**

- F2-1** Cost of inspection offices.
- F2-2** Travel cost and expenses.
- F2-3** All other expenses allocable directly to the building, conversion, alteration, or repair of aircraft of one model or of a single aircraft.

**F3 AIRCRAFT PLANNING.**

- F3-1** **Material inspection.**
  - Material readiness for war.
  - Reports of Board of Inspection and Survey.
  - Reports of factory or yard estimates up to forwarding final action to factory or yard by bureau.
  - Reports of statutory surveys.
- F3-2** **Estimates and drafting (planning).**
  - Drafting not chargeable to specific job order.
  - Estimates not chargeable to a specific job order.

**F4 AIRCRAFT PREPARATION (INCIDENT TO BUILDING).**

- F4-1** **Berthing and shed expenses.**
  - Cost of disassembly and transportation to places of repair.
  - Scaffolding.
  - Service changes in connection with the work, air, light, electricity, water, etc.
  - Staging.

**F5 AIRCRAFT MOLDS.**

- F5-1** **Dies.**
  - Fixtures.
  - Jigs.
  - Laying down in mold loft.
  - Lines and offsets.
  - Molds.
  - Patterns.
  - Special forms.
  - Templates.
  - Patterns and templates for temporary use for repair or alteration jobs to be charged on specific job order under proper group number.

**F6 AIRCRAFT LAUNCHING, DOCKING, AND MOORING.**

- F6-1** **Preparation.**
- F6-2** **Launching.**
  - Ceremonies.
  - Report of launching data.
  - Sponsors.
- F6-3** **Docking.** (For handling trucks and handling equipment see F45.)
- F6-4** **Mooring.**
  - Mast.
  - Shed.
  - Three wire.
  - To ship.

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**F7 AIRCRAFT CONSTRUCTION PROCESSES.**

Brazing.  
 General.  
 Heat treatment.  
 Riveting.  
 Soldering.  
 Welding.  
 X-ray analysis and equipment.  
 Violet rays.  
 Hardness tester.

**F8 AIRCRAFT TRIALS.**

**F8-1** Builder's trials.  
**F8-2** Preliminary acceptance trials.  
 Trials by Board of Inspection and Survey.  
 Trials by Bureau of Aeronautics (experimental).  
 Trials by contractor.  
**F8-3** Commissioning trials.  
**F8-4** Final acceptance trials.  
**F8-5** Post repair trials.

**F9 (Blank.)****F10 ENGINE SECTION AND NACELLE GROUP.**

**F10-1** Engine mount.  
 Vibration absorbing devices.  
 Firewall.  
 Engine ring cowl and flaps.  
 Engine nose cowl and shutters.  
 Fairings.  
**F10-2** Nacelle.  
 Structure.  
 Cowling and covering.  
 Access doors.  
 Engine support.  
 Firewall.  
 Nacelle mounting.  
 Standard parts.  
 Supports for oil coolers.  
 Supports for oil tanks.

**F11 WING GROUP (AIRPLANE).**

**F11-1** Wings.  
 Beams.  
 Bearings, pulleys, fair-leads, and attachments for  
 surface control loads.  
 Blocks.  
 Cabane struts.  
 Center section panels.  
 Compression struts.  
 Covering.  
 Drag wires (internal).  
 Fittings (external).  
 Fittings (internal).  
 Inspection doors and windows.  
 Inspection plates.  
 Leading edge.  
 Ribs.

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**F11 WING GROUP (AIRPLANE)—Continued.**

- F11-1 Wings—Continued.**  
 Walkways.  
 Standard parts (bolts, nuts, etc.).  
 Tip bows.  
 Trailing edge.  
 Wing tips.
- F11-2 Ailerons.**  
 Balances.  
 Beams.  
 Blocks.  
 Compression struts.  
 Control horns.  
 Covering.  
 Drag wires (internal).  
 Fittings (external).  
 Fittings (internal).  
 Inspection doors and windows.  
 Interaileron connections.  
 Leading edge.  
 Ribs.  
 Standard parts (bolts, nuts, etc.).  
 Tip bows.  
 Torque tubes.  
 Trailing edge.  
 Trimming tabs.
- F11-3 (Blank.)**
- F11-4 Struts and wires.**
- F11-5 Flaps.**  
 Covering.  
 Ribs.
- F11-6 Slots.**

**F12 TAIL GROUP (AIRPLANE).**

- F12-1 Stabilizers.**  
 Adjustable stabilizer.  
 Beams.  
 Bearings and connections for attachment of stabilizer-adjusting mechanism.  
 Blocks.  
 Compression struts.  
 Covering.  
 Drag wires (internal).  
 Fittings (external).  
 Fittings (internal).  
 Inspection doors and windows.  
 Leading edge.  
 Ribs.  
 Standard parts (bolts, nuts, etc.).  
 Tip bows.  
 Trailing edge.
- F12-2 Elevators.**  
 Balances.  
 Beams.  
 Blocks.  
 Compression struts.  
 Control horns.  
 Covering.  
 Drag wires (internal).
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**F12 TAIL GROUP (AIRPLANE)—Continued.****F12-2 Elevators—Continued.**

Fittings (external).  
 Fittings (internal).  
 Inspection doors and windows.  
 Leading edge.  
 Ribs.  
 Standard parts (bolts, nuts, etc.).  
 Tip bows.  
 Torque tubes.  
 Trailing edge.  
 Trimming tabs.

**F12-3 Fins.**

Beams.  
 Blocks.  
 Compression struts.  
 Covering.  
 Drag wires (internal).  
 Fittings (external).  
 Fittings (internal).  
 Inspection doors and windows.  
 Leading edge.  
 Ribs.  
 Standard parts (bolts, nuts, etc.).  
 Tip bows.  
 Trailing edge.

**F12-4 Rudders.**

Balances.  
 Beams.  
 Blocks.  
 Compression.  
 Control horns.  
 Covering.  
 Drag wires (internal).  
 Fittings (external).  
 Fittings (internal).  
 Inspection doors and windows.  
 Leading edge.  
 Ribs.  
 Standard parts (bolts, nuts, etc.).  
 Tip bows.  
 Torque tubes.  
 Trailing edge.  
 Trimming tabs.

**F12-5 Struts and wires.****F13 BODY GROUP (AIRPLANE).****F13-1 Body.**

Fuselage.  
 Brace wires.  
 Cockpit enclosures.  
 Cowling and covering.  
 Doors and windows.  
 Engine mounting.  
 Fairings.  
 Fire bulkhead.  
 Fittings.  
 Foundations for installation.  
 Head rest.

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**F13 BODY GROUP (AIRPLANE)—Continued.****F13-1 Body—Continued.****Fuselage—Continued.**

Integral tail stubs.  
 Integral wing stubs.  
 Longerons.  
 Plating.  
 Stanchions.  
 Standard parts.  
 Steps (grips).  
 Turn-over structure.  
 Windshields.

**Hull.**

Blocks.  
 Bombing window.  
 Booms.  
 Braces.  
 Bulkhead.  
 Coaming.  
 Edgings and rubbing strips.  
 Fairing.  
 Fittings.  
 Flooring.  
 Foundations for installations.  
 Frames.  
 Handhole covers.  
 Keel.  
 Keelson.  
 Longitudinals.  
 Outrigger.  
 Planking.  
 Plating.  
 Stanchions.  
 Standard parts.  
 Step wedge.  
 Stringers.  
 Walking way.  
 Water rudder and controls.  
 Wire.

**F13-2****Landing gear (land type).****Land chassis.**

Axle.  
 Fittings.  
 Parking brakes.  
 Retracting mechanisms.  
 Struts.  
 Tires and tubes.  
 Tricycle type.  
 Wheels and brake wheels.  
 Wires.

**Tail skids.**

Fittings.  
 Shoe.  
 Skid proper.

**Tail wheels.****Wing skids.****F13-3****Landing gear (water type).**

Blocks.  
 Braces.

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**F13 BODY GROUP (AIRPLANE)—Continued.**

- F13-3** **Landing gear (water type)—Continued.**  
 Bulkheads.  
 Drain plugs.  
 Edgings and rubbing strips.  
 Fittings.  
 Float retracting mechanism.  
 Frames.  
 Handhole covers.  
 Hull keel.  
 Keelson.  
 Longitudinals.  
 Main floats.  
 Planking.  
 Plating.  
 Recovery hook.  
 Stanchions.  
 Standard parts.  
 Step wedge.  
 Stringers.  
 Strut and wires.  
 End fittings.  
 Fairing.  
 Struts.  
 Wires.  
 Walking way.  
 Water rudder and controls.  
 Wing floats.
- F13-4** **Catapulting.**  
 Fittings.  
 Jet propulsion.  
 Provision for.  
 Reinforcements.
- F13-5** **Arresting equipment.**  
 Axle hooks.  
 Retrieving gear.  
 Trailing hooks.
- F13-6** **Flotation gear.**  
 Bags.  
 CO<sub>2</sub> cylinders.  
 Inflation equipment.  
 Integral flotation.  
 Testing of.
- F13-7** **Brakes.**  
 Brake controls.
- F13-8** **Devices for landing on airships.**
- F13-9** **Landing gear (amphibian type).**  
 Main floats.  
 Operating gear.  
 Wheels.
- F13-10** **Landing gear (ski type).**
- F13-11** **Shock absorbers.**  
 Amphibian.  
 Oleo.  
 General.  
 Landing gear.  
 Cord.  
 Oleo.  
 Rubber disks.
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**F13 BODY GROUP (AIRPLANE)—Continued.****F13-11 Shock absorbers—Continued.**

Tail wheel.  
Cord.  
Oleo.

**F13-12 Barrier crash provision.**

Provision on landing gear.

**F14 STRENGTH HULL STRUCTURE (AIRSHIP).****F14-1 Bow.**

Axial cable and fittings.  
Bow cap.  
Bow mooring spindle.  
Bow mooring structures.  
Bow stiffeners.  
Cloth taping.  
Framing.  
Gangplanks.  
Keel walkway.  
Miscellaneous.  
Outrigger bow mooring spindle.  
Thrust bearing and bow mooring spindle.  
Wiring.

**F14-2 Main body.**

Axial cable and fittings.  
Cloth taping.  
Deck trolley attachments.  
Framing.  
Girders (lattices).  
Keel.  
Wiring.

**F14-3 Stern.**

Flagstaff.  
Framing.  
Miscellaneous.  
Wiring.

**F15 OTHER HULL STRUCTURES (AIRSHIP).****F15-1 Hull reinforcement over propellers.**

Fabric and lacing.  
Fittings.  
Framing.  
Wiring.

**F15-2 Auxiliary corridors.**

Cord netting.  
Framing.  
Miscellaneous structure and fittings.  
Wiring.

**F15-3 Climbing shafts and platforms.**

Auxiliary structure and fittings.  
Framing.  
Gas pressure netting and covering.  
Wiring.

**F15-4 Officers' and crew's quarters and water-closet.**

Auxiliary structure and fittings.  
Fabric.  
Framing.  
Furniture.  
Netting.  
Wiring.

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**F15 OTHER HULL STRUCTURES (AIRSHIP)—Continued.**

- F15-5 Exhaust trunks, hoods, and hull supports.**  
Auxiliary structure and fittings (wood, fabric, etc.).  
Framing.  
Netting.
- F15-6 Access hatches.**  
Framing.  
Operating gears and fittings.
- F15-7 Mooring and handling foundations.**  
Auxiliary structure and fittings.  
Framing.  
Wiring.
- F15-8 Ordnance foundations.**  
Auxiliary structure and fittings.  
Framing.  
Wiring.
- F15-9 Cordage gas-pressure netting.**  
Fittings.  
Panels.
- F15-10 Wire gas-pressure netting.**  
Fittings.  
Panels.
- F15-11 Water-ballast system.**  
Ballast bags.  
Discharge buckets.  
Filling pipes and fittings.  
Hoods and supports.  
Operating gear.  
Suspension.
- F15-12 Sand-ballast system.**  
Bags.  
Discharge.  
Hoppers.  
Operating gear.  
Racks.  
Scoops.  
Suspension.
- F15-13 Other foundations and structure not classified elsewhere.**  
Framing.  
Fittings.  
Wiring.
- F15-14 Arresting and launching of aircraft aboard lighter-than-aircraft.**

**F16 FINS AND RUDDERS (AIRSHIP).**

- F16-1 Fins.**  
Castings.  
Fittings.  
Framing.  
Internal wire bracing.  
Pintles.  
Suspension wiring.
- F16-2 Rudders.**  
Castings.  
Fittings.  
Framing.  
Pintles.  
Wiring.
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**F17 CAR STRUCTURE (AIRSHIP).**

- F17-1 Car structure.**  
 Buffer bags.  
 Fabric and other coverings (glass, cello, etc.).  
 Fittings.  
 Framing.  
 Miscellaneous structure and fittings.  
 Outside plating.  
 Wiring.
- F17-2 Car suspension.**  
 Cable and fittings.  
 Release gear.  
 Struts and fittings.
- F17-3 Observation baskets.**

**F18 GAS CELLS AND ENVELOPE (AIRSHIP).**

- F18-1 Gas cells (rigid).**  
 Fabric. (See F18-6.)  
 Supports.  
 Valves and fittings.
- F18-2 Gas envelopes (nonrigid.)**  
 Fabric.  
 Internal rigging.  
 Nose stiffeners and battens.  
 Patches.  
 Pressure tubes.  
 Rip panels.  
 Valve and fittings.
- F18-3 Ballonets.**  
 Fabric.  
 Internal rigging.  
 Miscellaneous fittings.  
 Valves.
- F18-4 Gas manifolds.**  
 Fabric.  
 Miscellaneous fittings.
- F18-5 Air scoops.**  
 Check valves.  
 Manifold.  
 Scoops.
- F18-6 Gas-cell fabric.**  
 Goldbeater's skin.  
 Substitutes for goldbeater's skin.  
 Aluminum foil.  
 Cellophane.  
 Cement.  
 Rubber latex.  
 Tests.

**F19 OUTER COVER (AIRSHIP).**

- F19-1 Bow.**  
 Attachments.  
 Cement.  
 Dopes.  
 Fabric panels.  
 Lacing cord.  
 Lacing edges.  
 Sealing strips.
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**F19 OUTER COVER (AIRSHIP)—Continued.**

**F19-2 Main body.**  
 Attachments to wiring.  
 Cement.  
 Dope.  
 Fabric panels.  
 Lacing cord.  
 Sealing strips.

**F19-3 Stern.**  
 Attachments.  
 Cement.  
 Dope.  
 Fabric panels.  
 Lacing cord.  
 Lacing edges.  
 Sealing strips.

**F20 INFLATION GASES.**

**F20-1 Hydrogen.**  
 Ferrosilicon.  
 Caustic soda.

**F20-2 Helium.**

**F21 AIRCRAFT MAIN PROPELLING MACHINERY.**

**F21-1 Internal-combustion engine.**  
 Battery-coil system.  
 Breaker points.  
 Distributor.  
 Bearings.  
 Cam-shaft and valve-operating assembly.  
 Cam and hub.  
 Push rods.  
 Rocker arms.  
 Tappets.  
 Carburetors.  
 Hot-air heaters and hot spots.  
 Crankcase.  
 Crankshafts.  
 Cylinders.  
 Fuel pumps, engine-driven.  
 Fuel pumps (integral with engine).  
 Gears.  
 Generators.  
 Gun control.  
 Gun-control gears.  
 Gun-control mechanism.  
 Impeller clutch band.  
 Induction system (integral with engine).  
 Manifolds and intake pipes.  
 Magnetos.  
 Armature.  
 Breaker points.  
 Coils.  
 Distributor blocks.  
 Oil-pump system (integral with engine).  
 Internal oil piping and connections.  
 Oil feed bearing bracket assembly.  
 Pistons.  
 Pressure bafflers.

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**F21 AIRCRAFT MAIN PROPELLING MACHINERY—Continued.**

- F21-1 Internal-combustion engine—Continued.**  
 Propeller hubs.  
 Rods, connecting.  
 Spark plugs.  
 Starter drive.  
 Starter jaw.  
 Superchargers.  
 Centrifugal.  
 General electric.  
 Moss.  
 Roots blower.  
 Valve type.  
 Switches.  
 Tachometer drive.  
 Valves, valve spring, and retainers.  
 Water-pump system (integral with engine).  
 Wiring, ignition (integral with engine).  
 Radio shielding.
- F21-2 Engine accessories and parts.**  
 Exhaust manifold, stacks, or collector rings.  
 Exhaust muffler.  
 Foundation bolts.
- F21-3 Engine controls.**  
 Altitude adjustment control levers.  
 Compression relief gear.  
 Reach rods, connections, and fittings.  
 Spark-control levers.  
 Throttle.
- F21-4 Internal-combustion turbines.**  
**F21-5 Steam engines (reciprocating).**  
**F21-6 Steam turbines.**  
**F21-7 Fuel-oil engines.**  
**F21-8 Engine test stands.**  
 Electric cradle dynamometer.  
 Fan.  
 Fixed.  
 Torque reaction.  
 Water brake.

**F22 AIRCRAFT TRANSMISSION (AIRCRAFT).**

- F22-1 Gearing and shafting engine to propeller.**  
 Brake.  
 Clutches.  
 Flywheel (separate).  
 Propeller hub.  
 Reduction and reversing gears.  
 Shafting and bearings.
- F22-2 Control.**  
 Cables.  
 Cranks.  
 Fittings.  
 Levers.  
 Rods.

**F23 AIRCRAFT PROPELLERS.**

- F23-1 Propellers.**  
 Anti-icing devices on propeller.  
 Controls.
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**F23 AIRCRAFT PROPELLERS—Continued.**

- F23-1 Propellers—Continued.**  
 Ordinary propellers.  
 Propeller balancing machines.  
 Propeller spinners.  
 Reversing propellers.  
 Variable pitch propellers.

**F24 AIRCRAFT STARTING SYSTEM.**

- F24-1 Electric starter (direct geared or inertia).**  
 Back-fire mechanism.  
 Battery.  
 Crank.  
 Engaging mechanism.  
 Housing and brackets.  
 Motor.  
 Reduction gears.  
 Switch.
- F24-2 Gas engine starter.**  
 Back-fire mechanism.  
 Crank.  
 Engaging mechanism.  
 Gas engine (aircraft starter).  
 Gearing (starter).  
 Housing and brackets.
- F24-3 Hand starters (direct geared and inertia).**  
 Back-fire mechanism.  
 Crank.  
 Engaging mechanism.  
 Housing and brackets.  
 Reduction gears.
- F24-4 Air starter.**  
 Air distributor.  
 Back-fire mechanism.  
 Compression.  
 Engaging mechanism.  
 Housing and brackets.  
 Motor.  
 Piping.  
 Reduction gear.  
 Starting valve.  
 Storage tank.
- F24-5 Primer.**  
 Cold-weather starting.  
 Valves.  
 Piping.  
 Pumps.
- F24-6 Starter magneto.**  
 Booster.  
 Housing.  
 Hand crank.  
 Operating gears.  
 Remote control (pull type).
- F24-7 Cartridge starters.**  
 Intake tube cartridges.

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**F25 AIRCRAFT COOLING SYSTEM.**

- F25-1 Water radiator.**  
 Connections.  
 Core.  
 Fittings.  
 Header and expansion tanks.
- F25-2 Temperature control.**  
 Air scoops.  
 Connections.  
 Fittings.  
 Operating gear (levers, gears, rods, wires, etc.).  
 Shutters.
- F25-3 Water piping.**  
 Connections.  
 Fittings.  
 Piping (metallic and nonmetallic).
- F25-4 Radiator water containers.**  
 Connections.  
 Fittings.  
 Overflow tanks.  
 Piping.  
 Storage containers (bags).  
 Suspension.

**F26 AIRCRAFT LUBRICATION SYSTEM.**

- F26-1 Oil tank.**  
 Connections.  
 Fittings.  
 Portable containers.  
 Service tanks.  
 Storage tanks.  
 Suspension (straps).
- F26-2 Oil radiator.**  
 Boxes.  
 Connections.  
 Core.  
 Fittings.  
 Oil regulators.
- F26-3 Oil heaters and oil coolers.**  
 Coils.  
 Connections.  
 Fittings.  
 Oil temperature control and check valves.  
 Oil sumps.  
 Warm-up compartments.
- F26-4 Oil piping.**  
 Connections.  
 Fittings.  
 Manifolds.  
 Piping.  
 Strainer.

**F27 AIRCRAFT FUEL SYSTEM.**

- F27-1 Fuel tanks.**  
 Connections.  
 Dump valves.  
 Filler caps.  
 Fittings.
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**F27 AIRCRAFT FUEL SYSTEM—Continued.**

- F27-1 Fuel tanks—Continued.**  
Fixed service or gravity tanks.  
Fixed storage tanks.  
Releasing devices.  
Slip storage.
- F27-2 Fuel piping.**  
Connections.  
Fittings.  
Fuel cocks.  
Fuel pressure regulators (relief valves).  
Piping.  
Strainers and filters.
- F27-3 Hand pumps.**  
Connections.  
Crank.  
Fittings.  
Pedals.  
Piping.  
Pump.
- F27-4 Power pumps (not integral with engine).**  
Connections.  
Fittings.  
Gearing.  
Motor.  
Piping.  
Pump.  
Windmill.

**F28 AIRCRAFT WATER RECOVERY SYSTEM.**

- F28-1 Condensers.**
- F28-2 Piping.**  
Air.  
Connections.  
Exhaust.  
Fittings.  
Water.
- F28-3 Pumps.**  
Air.  
Water.
- F28-4 Separators (for cleaning condensate).**
- F28-5 Control mechanism.**

**F29 TOOLS AND EQUIPMENT (AIRCRAFT AND ENGINE).**

- F29-1 Tools and equipment.**  
Bearing reaming equipment.  
Engine overhaul stands.  
Fixed.  
Portable.  
Valve refacing and reseating equipment.
- F29-2 Material for repairs.**  
Spare material.  
Spare parts.
- F29-3 Stock material and parts.**  
Naval Aircraft Factory standard parts.  
Material not otherwise classified.

**F30 (Blank)**

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**F32 CONTROL SYSTEM (AIRCRAFT)—Continued.****F32-6 Minor controls—Continued.**

Manifolds.  
Ropes.  
Sand ballast.  
Traps.  
Water ballast.

Each of the above can be divided into control boxes, wheels, reduction gearing, shafting, operating rods, tubing, leads, fairleads, pulls, etc.

**F33 INTERIOR COMMUNICATION (AIRCRAFT).****F33-1 Interior communication.**

Air message pads and holders.  
Klaxons.  
Leads and fittings.  
Printator.  
Telautographs.  
Telegraphs, control.  
Telephones.  
Voice tubes and fittings.

**F34 FURNISHINGS (AIRCRAFT.)****F34-1 Living quarters furnishings.**

Cushions.  
Hammocks.  
Linen.  
Lockers.  
Mattresses.  
Personal equipment and bags.  
Sleeping bags.  
Table chairs.  
Toilet fixtures.

**F34-2 House and office furnishings.**

Desks and chairs.  
File cases.  
Typewriters.

**F34-3 Messing equipment.**

Cooking utensils (portable).  
Galley ranges.  
Kettles and boilers.  
Lockers for gear.  
Messing gear.  
Refrigerators.  
Vacuum bottles.

**F34-4 Sanitation.**

Distillers.  
Fresh-water storage and fixtures.  
Lavatories and accessories.  
Water breakers.  
Water-closet fixtures.

**F34-5 Medical.**

First-aid kits.  
Medicines and dressings.  
Medicine cases.  
Miscellaneous medical equipment.

**F34-6 Fixed equipment.**

Baggage compartments.  
Carbon dioxide.

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**F34 FURNISHINGS (AIRCRAFT)—Continued.****F34-6 Fixed equipment—Continued.**

Carbon tetrachloride.  
 Emergency equipment.  
 Fire extinguishers.  
 Flooring.  
 Floorcovering.  
 Instrument board.  
 Lockers.  
 Message carrier.  
 Mirrors.  
 Miscellaneous living equipment.  
 Portable platforms and ladders.  
 Seats.  
 Synthetic plastics.  
 Upholstery.

**F35 VENTILATING AND HEATING (AIRCRAFT).****F35-1 Ventilation system, apparatus, and accessories.**

Air scoops.  
 Cowls.  
 Ducts.  
 Fans.  
 Hatches.  
 Miscellaneous fittings.  
 Shutters.  
 Ventilating sets.

**F35-2 Heating apparatus and accessories.**

Coils, exhaust gases.  
 Coils, hot water.  
 Electric heaters.

**F35-3 Cabin supercharging.****F36 ELECTRIC POWER AND LIGHTING (AIRCRAFT).****F36-1 Electric power generators.**

Foundations.  
 Gas-engine-driven generators.  
 Generators.  
 Spare parts (generators).

**F36-2 Electric power distribution.**

Circuit breakers.  
 Conduits.  
 Cut-outs.  
 Fuses.  
 Insulating material.  
 Insulators.  
 Junction boxes.  
 Power leads.  
 Rheostats.  
 Switchboards.  
 Switches.  
 Transformers.

**F36-3 Batteries.**

Dry-cell storage batteries.  
 Permanent storage batteries.  
 Portable storage batteries.  
 Storage-battery boxes.

**F36-4 Motor generators and similar apparatus.**

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**F36 ELECTRIC POWER AND LIGHTING (AIRCRAFT)—Con.**

- F36-5**    **General lighting.**
  - Appliances.
  - Fixtures.
  - Wiring.
- F36-6**    **Portable lights.**
  - Flash lights and batteries.
- F36-7**    **Float lights.**
  - Electric.
- F36-8**    **Interior lights.**
  - Compass lights.
  - Dome lights.
  - Instrument board lights.
- F36-9**    **Signal lights.**
  - Blinkers.
  - Pyrotechnic signal lights.
  - Recognition or identification.
- F36-10**   **Navigating lights.**
  - Anchor lights.
  - Running lights.
- F36-11**   **Landing lights (aircraft).**
  - Electric wing tip flares.
- F36-12**   **Electrical instruments.**
  - Ammeters.
  - Charge and discharge indicators.
  - Voltmeters.

**F37 AUXILIARY MACHINERY (AIRCRAFT).**

- F37-1**    **Mooring machinery.**
  - Electric winches.
  - Hand winches.
- F37-2**    **Auxiliary pressure system.**
  - Airlines.
  - Blowers.
  - Drive.
  - Ducts.

**F38 FINISH.**

- F38-1**    **Dope.**
  - Acetate.
  - Dope solvent.
  - General.
  - Nitrate.
  - Pigmented.
- F38-2**    **Painting.**
  - Antifouling paints.
  - Bituminous.
  - Cleaning compound.
  - Dope proof.
  - Enamels.
  - Gasoline proof.
  - General.
  - Insignia colors.
  - Interior finish.
  - Lacquers.
  - Paint and varnish remover.
  - Painting on fabric.
  - Painting on wood.
  - Painting on metals.

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**F38 FINISH—Continued.****F38-2 Painting—Continued.**

Primer.  
Radium luminous paints.  
Rust preventative compound  
Seam compound.  
Varnish.

**F38-3 Finish processes.**

Anodic.  
Brushing.  
Cadmium.  
Chromium.  
Cleaning compounds.  
Copper.  
Galvanizing.  
General.  
Hot oil dip.  
Lead plating.  
Metal spray coating.  
Nickel.  
Oxidizing.  
Parkerizing.  
Pickling.  
Plating.  
Polishing.  
Rubberized coating.  
Salt spray testing.  
Sand blasting.  
Scraping.  
Silver.  
Sodium silicate.  
Tin.  
Zinc.

**F38-4 Temporary preservation coating (for shipping and storage).**

General.  
Oil.  
Slushing compounds.

**F38-5 Fireproofing.**

Fabric.  
General.  
Wood.

**F39 INSIGNIA AND MARKING.****F39-1 Insignia.**

Airplane.  
Airship.  
Balloon.  
General.

**F39-2 Distinguishing marks.**

Airplane.  
Airship.  
Balloon.  
General.

**F39-3 Draft marks and gauges.**

General.  
Level lines.  
Load water lines.

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**F39 INSIGNIA AND MARKING—Continued.**

- F39-4 Labeling (marking).**  
 General.  
 Information plates.  
 Marking for electric circuit.  
 Marking for piping.  
 Air.  
 Fuel.  
 Helium.  
 Hydrogen.  
 Oil.  
 Water.  
 Name plates.  
 Serial numbers.  
 Tagging.
- F39-5 Camouflage.**  
 Airplane.  
 Airship.  
 Balloon.  
 General.

**F40 DESIGNATING.**

- F40-1 Designations.**  
 Change in designation.  
 Class.  
 Model.  
 Name.  
 Nomenclature.  
 Number.  
 Type.

**F41 AIRCRAFT ORDNANCE.**

- F41-1 Aircraft machine guns.**  
 Barrels.  
 Breech mechanism.  
 Feeding mechanism.  
 Operating mechanism.  
 Trigger mechanism.
- F41-2 Aircraft machine gun controls.**  
 Drive unit.  
 Firing keys.  
 Impulse cable.  
 Impulse generators.  
 Operating cable.  
 Switches.  
 Trigger motor.
- F41-3 Aircraft machine gun sights.**  
 Sights (free gun).  
 Optical sight.  
 Sights, open (fixed gun).  
 Sights, telescopic.  
 Spotting glasses.
- F41-4 Aircraft machine gun mounts.**  
 Mounts, fixed gun.  
 Mounts, flexible gun.
- F41-5 Aircraft machine gun ammunition carriers.**  
 Ammunition boxes.  
 Belts.
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**F41 AIRCRAFT ORDNANCE—Continued.**

- F41-5 Aircraft machine gun ammunition carriers—Continued.**  
 Chutes.  
 Ejection boxes.  
 Pans.
- F41-6 Aircraft bombs.**  
 Body.  
 Bursting charge.  
 Demolition.  
 Exploders.  
 Fuses, bomb.  
 Fuses, delay.  
 Fuses, instantaneous.  
 Fuses, nose.  
 Fuses, tail.  
 Incendiary.  
 Nose.  
 Reserve aircraft bombs.  
 Shrapnel.  
 Stabilizers.  
 Tail.  
 Vanes.
- F41-7 Aircraft bomb racks.**  
 Arming and safety devices.  
 Release controls.  
 Releases.
- F41-8 Aircraft bomb sights.**  
 Bearings.  
 Bubbles, bomb sight.  
 Directors system.  
 High altitude.  
 Low altitude.  
 Mounts.  
 Operating mechanism.  
 Repair kits (bomb sights).  
 Stabilizers.
- F41-9 Aircraft torpedoes.**  
 Devices for aircraft launching of torpedoes.  
 Director.  
 Drogues.  
 Racks.  
 Release controls.  
 Releases.  
 Reports of launching torpedoes from aircraft.
- F41-10 Training and target practice material (ordnance).**  
 Bombing.  
 Bombs, dummy.  
 Camera gun films.  
 Camera guns.  
 Gunnery.  
 Machine guns (ground type).  
 Rakes.  
 Reels.  
 Releases.  
 Subcaliber bombs.  
 Targets, fixed.  
 Targets, fixed aerial.  
 Targets, moving aerial.  
 Targets, sleeves.
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**F41 AIRCRAFT ORDNANCE—Continued.**

**F41-10 Training and target practice material—Continued.**

Towing cable.

Trips.

**F41-11 Small arms and equipment.**

Pistols.

Shotguns.

**F41-12 Gas and smoke warfare apparatus.**

**F41-13 Armor and allied protective materials.**

**F41-14 Aircraft machine gun synchronizers.**

Impulse generator.

Solenoids.

For the purpose of cost repair and job order numbering F41 will be used, but for classifying correspondence the following will be handled under the file numbers indicated:

Aircraft ammunition (service, tracer, armor-piercing, armor-piercing incendiary, incendiary, armor-piercing tracer), S78-11.

Flares, aircraft. (See S70-1 and F36-11.)

Float lights, aircraft. (See S70-1 and F36-7.)

**F41-15 Pyrotechnics.**

Aircraft parachute flares.

Float lights.

Smoke candles.

Very's pistol and ammunition.

**F42 EXTERIOR COMMUNICATION (AIRCRAFT).**

**F42-1 Aircraft radio.**

Amplifier.

Antennae.

Batteries.

Electrical bonding.

Radio compass.

Radio generator mounts.

Receiver sets.

Telephone.

Transmitter sets.

Wiring and wiring appliances.

For correspondence on radio installation for a particular airplane or type of airplane, the above number will be used combined with airplane or type number. Where multiplicity of divisions of correspondence on airplane radio apparatus is required, as at Navy yards, Bureau of Aeronautics, or Bureau of Ships, etc., subtitles may be obtained by using titles and numbers listed in Bureau of Ships' radio pamphlet RE-1A-1065, items 18 to 99 inclusive. File numbers will be obtained by combining with the standard file number F42-1, the class number as listed in that pamphlet. All titles contained in pamphlet will be shown in Filing Manual index.

**F42-2 Sound signals.**

**F42-3 Visual signals.**

**F42-4 Pigeons and equipment.**

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**F43 PARACHUTES AND HARNESS.**

- F43-1 Parachutes.**  
 Containers.  
 Linen tapes.  
 Sails.  
 Silk cloth.  
 Silk cords.  
 Silk tapes.  
 Substitutes for silk cloth.  
 Thread.
- F43-2 Parachutes harness (webbing, etc.).**

**F44 PHOTOGRAPHY AND EQUIPMENT (AIRCRAFT).**

- F44-1 Photography.**  
 Motion-picture.  
 Still.
- F44-2 Photographic supplies and equipment.**  
 Acid and chemicals.  
 Cameras (motion-picture).  
 Cameras (still).  
 Developing and printing.  
 Films and containers.  
 Instructional films.  
 Lantern slides.  
 Lenses.  
 Lockers.  
 Paper.  
 Plates.  
 Tripods.
- F44-3 Aerial photographs.**  
 Record.  
 Structural.

**F45 HANDLING, MOORING, AND TOWING GEAR.**

- F45-1 Anchors.**  
 Anchors and grapnels.  
 Drogues.  
 Sea drags.
- F45-2 Ropes, cables, and lines.**  
 Blocks, sheaves, fair-leads.  
 Cable fittings.  
 Drag ropes.  
 Hauling cables.  
 Handling lines.  
 Line fittings.  
 Mooring cables.  
 Rope fittings.  
 Send-off poles.
- F45-3 Mooring devices (does not include mast or docking carriages).**  
 Grapnel (mooring).  
 Mooring point.  
 Rosendahl's method.  
 Taxying car.  
 Three wire.
- F45-4 Hoisting slings (airplane).**
- F45-5 Docking devices (aircraft).**  
 Docking carriages.  
 Docking rails.  
 Docking trolleys.
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**F45 HANDLING, MOORING, AND TOWING GEAR—Con.**

- F45-6 Towing.**  
Towing cables.

**F46 HYDRAULIC SYSTEM.**

**F47 (blank.)**

**F48 SPECIAL EQUIPMENT (AIRCRAFT).**

- F48-1 Beaching gear.**  
Ballast.  
Brakes.  
Flotation tanks.  
Steering devices.  
Trucks.  
Wheels.
- F48-2 Anti-icing equipment.**  
Containers for anti-icing fluid.  
Propeller anti-icing fluid.  
Pumps.  
Rubber boots for wings and tail surfaces.  
Tubing and fittings.
- F48-3 Special hoists and platforms.**  
Bomb hoists (not integral).  
Bomb loading platforms.  
Engine hoists.  
Engine maintenance platforms.  
Propeller hoists.

**F49 MISCELLANEOUS EQUIPMENT (AIRCRAFT).**

- F49-1 Oxygen apparatus.**  
Breathing apparatus.  
Oxygen regulators.  
Oxygen tanks.
- F49-2 Gas masks (aircraft).**
- F49-3 (Blank).**
- F49-4 Crew equipment.**  
Asbestos clothing.  
Baggage.  
Bulletproof vests.  
Extra clothing.  
Face masks.  
Flying suits.  
Gauntlets and gloves.  
Goggles.  
Helmets.  
Miscellaneous.  
Waders.
- F49-5 Safety belts.**
- F49-6 Life preservers.**
- F49-7 Portable instruments.**  
Binoculars.  
Megaphones.  
Planimeters.  
Protractors, dividers, etc.  
Reading glasses.  
Rulers, parallel.  
Sextants.  
Slide rules.
- F49-8 Emergency propulsion sails.**
- F49-9 Engine and cockpit covers.**

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H

**HYDROGRAPHY, METEOROLOGY, NAVIGATION,  
AND ASTRONOMY GROUPS.**

- H1 Hydrography, oceanography, and allied topics.**
- H2 Navigation and navigational aids.**
- H3 Obstructions to navigation.**
- H4 Meteorology.**
- H5 Astronomy and astronomical reports.**
- H6 Physics.**
- H7 Time.**

**H1 HYDROGRAPHY, OCEANOGRAPHY, AND ALLIED TOPICS.**

(For Grand Divisions, Water, see QH; for Geographic Divisions, Water, see QX)

- H1-1**     **Anchorage and Harbors** (includes reports of dredging).  
           Anchorage, forbidden.  
           Berthing facilities. (See L24).
- H1-2**     **Channels** (includes reports of dredging).
- H1-3**     **Charts and Hydrographic publications.**  
           Request for.
- H1-4**     **Distances.**
- H1-5**     **Earthquakes** (seismic disturbances).
- H1-6**     **Fish banks, nets, stakes, etc.**
- H1-7**     **Islands** (new ones, existence, nonexistence, change of  
           form, location on charts, etc.).
- H1-8**     **Magnetism and magnetic disturbances.**
- H1-9**     **Ocean currents, Gulf, Japanese, Equatorial, etc.**  
           Bottle papers.
- H1-10**    **Reefs, rocks, shoals, and banks.**
- H1-11**    **Rips and tide rips.**
- H1-12**    **Rivers and canals.**
- H1-13**    **Routes, ocean.**
- H1-14**    **Sea level, tides.**
- H1-15**    **Sea water.**  
           Constituents and specific gravity.  
           Discolored.  
           Great waves.  
           Oil spots.  
           Oil used to calm sea.  
           Temperature.  
           Tidal waves.  
           Waterspouts.
- H1-16**    **Sound, sound waves, and echoes.**  
           Aberrations and silent areas.  
           Means of detecting.
- H1-17**    **Soundings, deep-sea, etc.**
- H1-18**    **Surveys.**  
           Aircraft surveys.  
           Hydrographic.  
           Reconnaissance.  
           Topographic.
- H1-19**    **Trial courses, location of** (obsolete, see NE.).
- H1-20**    **Volcanoes.**
- H1-21**    **Chart portfolios.**
- H1-22**    **Pollution of navigable waters.**
- H1-23**    **Air routes.**
- H1-24**    **Whales, seals, etc., observation of.**
- H1-25**    **Geographic positions.**  
           Charted positions.  
           Latitude and longitude established.  
           Observation spots.  
           Records and methods of establishing.
- H1-26**    **Geographic names, decisions of Geographic Boards.**  
           (For geographic locations, see also QG.)

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**H2 NAVIGATION AND NAVIGATIONAL AIDS.**

- H2-1 Anchorage.**  
Anchors for mooring.
- H2-2 Beacons and ranges** (other than radio and aerial).
- H2-3 Buoys and dolphins, channel, mooring, range, and rack.**
- H2-4 Buoys, surveying.**
- H2-5 Fixing position** (including computations and formulae).
- H2-6 Hydraulics** (as applied to action of passing vessels).
- H2-7 Leader systems.**
- H2-8 Lighthouses and light vessels** (location and character).
- H2-9 Range-finder signals and stations.**
- H2-10 Rescue work.**
- H2-11 Seamanship.**
- H2-12 Structures, trees, earth formations** (aids).
- H2-13 Submarine signaling stations.**
- H2-14 Target and torpedo ranges.**
- H2-15 Zone system** (obsolete, see H7-Time).
- H2-16 Fog-signal stations.**  
Beacons.
- H2-17 International ice patrol.**
- H2-18 Time balls and shapes.**
- H2-19 Life-saving stations** (location and character).
- H2-20 Radio beacons, ships and aircraft.**
- H2-21 Magnetic survey ranges.**  
Correspondence on erection and repair of structures, see N20. For work on light vessels, see QS9.

**H3 OBSTRUCTIONS TO NAVIGATION.**

- H3-1 Buoys adrift.**
- H3-2 Derelicts** (vessels adrift out of control).
- H3-3 Logs, timbers, trees, small boats, rafts, broken parts of vessels, etc.**
- H3-4 Fog and smoke.**
- H3-5 Ice, icebergs, and ice formations.**
- H3-6 Mines, surface or subsurface, explosive or nonexplosive.**  
(See also S76 Mines.)
- H3-7 Sea and gulfweed.**
- H3-8 Wrecks** (vessels fast to bottom or stranded).
- H3-9 Clearance of structures over navigable waters.**
- H3-10 Obstructions to air navigation** (high buildings, towers, chimneys, flagpoles, high-tension wires, etc.).

**H4 METEOROLOGY AND AEROLOGY.**

- H4-1 Aurora borealis and aurora australis.**
- H4-2 Lightning striking ship or affecting the compass** (St. Elmo's light).
- H4-3 Meteorolites, meteoroids, meteors, and bolides.**
- H4-4 Meteorological and aerological instruments and equipment** (aerographs, anamometers, anemographs, barometers, theodolites, pilot balloons, etc.).  
Experimental and development projects.  
Instructions for installation, operation, maintenance, etc.  
Specifications, descriptions, prices, estimates.
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**H4 METEOROLOGY AND AEROLOGY—Continued.**

- H4-5** Requests or requisitions for aerological instruments equipment, and supplies.  
Invoices.  
Requisitions.  
Shipment notices.  
Surveys.
- H4-6** Observatories and stations; meteorological storm-warning towers and signals.
- H4-7** Weather service (includes communications and instructions concerning).  
Forecasts and advices.  
Observations and reports.
- H4-8** Aerological forms (including instructions therefor).
- H4-9** Weather phenomena.  
Blizzards.  
Floods.  
Fog and fog dispersal.  
Gales.  
Hurricanes.  
Ice formations.  
Monsoons.  
Static electricity.  
Typhoons.
- H4-10** Weather averages and statistics; climatology. (Filed by localities or regions.)
- H4-11** Aerological policy, plans, and programs.  
Annual report data.  
News.  
Progress.  
Quarterly survey data.

**H5 ASTRONOMY AND ASTRONOMICAL REPORTS.****H6 PHYSICS.****H7 TIME.**

Central.  
Daylight saving.  
Eastern.  
Greenwich.  
Mountain.  
Pacific.  
Standard.  
Times adopted in other countries and zone systems.  
(For time signals see A6-2.)  
Washington Naval Observatory.

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L

## **LOGISTIC GROUP.**

- L1 Appropriations, estimates, and allotments.**
- L2 Specifications.**
- L3 Advertising.**
- L4 Purchasing.**
- L5 Inspection and tests.**
- L6 Payments, receipts, and deliveries.**
- L7 Allowances.**
- L8 Procurement.**
- L9 Care and preservation.**
- L10 Accounting.**
- L11 Appreciation, depreciation, and disposition.**
- L12 Investments and deposits.**
- L13 Insurance and bonding.**
- L14 Duties, taxes, assessments, and dues.**
- L15 Mortgages.**
- L16 Pay, salaries and wages; money allowances to personnel, including allotments of pay, rental allowances, rations, and subsistence allowances.**
- L17 Incomes.**
- L18 Financial dealings (individuals).**
- L19 Personal effects.**
- L20 Travel.**
- L21 Shipment.**
- L22 Gifts.**
- L23 Bills of exchange.**
- L24 Resources and facilities.**

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**L1 APPROPRIATIONS, ESTIMATES, AND ALLOTMENTS.**

- L1-1 Appropriations.**
  - Appropriation bills.
  - Appropriations and funds.
  - Budget.
  - Deficiency estimates.
  - Digest of Appropriations.
  - Emergency funds.
  - Estimates for appropriations.
  - Liabilities against appropriations.
  - Reimbursement of appropriations.
  - Revision of appropriations.
  - Statement of expenditures under appropriations.
  - Surplus funds under appropriations.
  - Unexpended balances on appropriations.
  - Working funds.

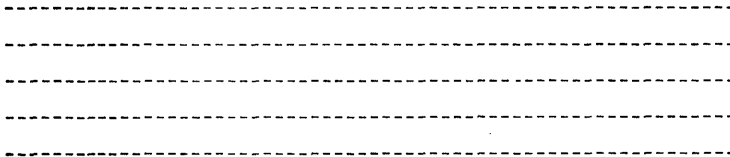
- L1-2 Allotment of appropriations.**
  - Allotments of appropriations for special purposes.
  - Allotments of appropriations to yards.
  - Allotments in general.
  - Contingent allotments.
  - Quarterly money allowance to vessels.
  - Requisition for allotments.
  - Requisitions for funds.
  - Statements of expenditures under allotments.
  - Surplus funds under allotments.
  - Transfer of funds.
  - Unexpended balances on allotments.

Correspondence on appropriations can be subdivided to suit individual needs by:

- (a) Addition of fiscal year involved.
- (b) By using the appropriation numbers issued yearly by the Bureau of Supplies and Accounts for accounting purposes.

**L2 SPECIFICATIONS.**

- L2-1 Specifications.**
  - Adherence to specifications.
  - Changes in specifications.
  - Classification.
  - Design.
  - Description of material (specifications).
  - Illustrations.
  - Sizes (specifications).
  - Specifications as to quality.
  - Standard specifications
- L2-2 Drawings, blueprints, plans.**
  - Blueprints.
  - Diagrams.
  - Drafting-room forms.
  - Drawings.
  - Plans.
- L2-3 Molds, patterns.** (For ship's pattern and molds, see S5.)
  - Models.
  - Molds.
  - Patterns.



**L2 SPECIFICATIONS—Continued.**

- L2-4 Standards, etc.,**  
 Measurements.  
 Standard (such as weights and measures).  
 Standardization of material.  
 Weights. (See also S29 for ship group.)
- L2-5 Building codes.**

**L3 ADVERTISING.**

Authority for.  
 Methods.  
 Mediums.  
 Posters.  
 Publications, circulars, etc.

**L4 PURCHASING.**

- L4-1 Firms.**  
 Acceptable list.  
 Bradstreet's and Dun's reports.  
 Business standing of contractors.  
 Catalogues of firms.  
 Contractors.  
 Debarment of bidders.  
 Defaulting contractors.  
 Foreign firms.  
 List of offers of manufacturers.  
 Mailing list of bidders.  
 Manufacturers.  
 Offers by firms not under regular bids.  
 Offers of services, plants, material, etc. (other than individual).  
 Regular dealers (purchasing of material).  
 Subcontractor.  
 Trading list.
- L4-2 Schedules, proposals, bids, and awards.**  
 Acceptance of bids.  
 Acceptance of bids received after time of opening.  
 Acceptance of material at reduced price.  
 Authority to purchase.  
 Awards on bids.  
 Bids.  
 Bids in excess of estimates.  
 Bids forwarded for approval prior to awards.  
 Bids, manner of making awards on.  
 Bids on proposals.  
 Bidders' data.  
 Bidders' requests for return of guaranty.  
 Bidding through agents.  
 Competition between bidders.  
 Complaints regarding proposals.  
 Consolidation of purchases.  
 Delayed awards on bids.  
 Direct bidding.  
 Errors in bids.  
 Estimates based on prevailing market prices.  
 Guaranties on proposals.  
 Informal bids.

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**L4 PURCHASING—Continued.**

- L4-2 Schedules, proposals, bids, and awards—Continued.**  
 Instructions for bidders.  
 Navy purchasing principles.  
 Opening of bids.  
 Preparation of schedules (purchasing).  
 Prices and price lists.  
 Price fixing on articles to be purchased.  
 Principles and regulations governing purchasing.  
 Proposals (purchasing).  
 Proprietary articles, methods of purchase of.  
 Purchasing agencies.  
 Circular of requirements.  
 Samples submitted on bids.  
 Schedules (purchasing).  
 Standard samples.  
 Substitutes.  
 Waiving competition on proposals.
- L4-3 Contracts and other orders.**  
 Adjustments under contracts.  
 Adjustments under cost-plus contracts.  
 Advances of materials.  
 Agreements (contracts).  
 Approval of purchase orders.  
 Bonus for speeding production.  
 Bribery in contracts (see P13-1).  
 Bureau orders.  
 Cancellation of contracts.  
 Charters.  
 Completion of.  
 Completion of contract.  
 Completion dates.  
 Constructional period.  
 Contingent fees under contracts.  
 Contracts.  
 Contracts, copies of.  
 Contracts, forms of.  
 Contracts, handling of.  
 Contracts, preparation of.  
 Cost-plus contracts.  
 Cost-plus contracts, material.  
 Cost-plus contracts, ship.  
 Decisions and rulings under contracts.  
 Deeds.  
 Division of contract price.  
 Emergency purchases.  
 Extensions granted on contracts.  
 Instructions relative to compliance or noncompliance  
 with contract terms.  
 Lease and rentals.  
 Methods of purchase of material for special purposes.  
 Modification of Navy orders.  
 Navy orders (purchasing).  
 Options.  
 Orders for deliveries.  
 Penalties.  
 Principles for cancelation of contracts.  
 Priority orders (purchasing).
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**L4 PURCHASING—Continued.****L4-3 Contracts and other orders—Continued.**

Purchases under general supply schedule contracts.  
 Purchase of material abroad.  
 Purchase on account of defaulting contractors.  
 Release from purchase.  
 Request for copies of contracts.  
 Revision of contracts.  
 Rules for drawing up contracts.  
 Special contracts.  
 Supplementary contracts.

This classification is furnished for instructions, etc., on the method of making purchases. Correspondence on a schedule, proposal, etc., will be classified under the particular schedule, proposal, etc., in question. Correspondence on individual schedules may be numbered by using the letter "S" and schedule number. Correspondence on individual contracts are numbered and may be filed according to the official designation and contract number of the activity under whose jurisdiction the contract is awarded. Example:

NOd-2085, Departmental contract 2085.  
 NORD-285, Bureau of Ordnance contract 285.  
 NOs-66230, Bureau of Supplies and Accounts contract 66230.  
 NOy-3090, Bureau of Yards and Docks contract 3090.  
 N14OS-86450, Navy Purchasing Office, New York contract 86450.  
 N156S-37590, Aircraft Factory, Philadelphia Pa. contract 37590.

**L5 INSPECTION AND TESTS.****L5-1 Inspection of materials.**

After delivery.  
 Analyses (chemical, etc.).  
 Before delivery.  
 Defective material.  
 Defective workmanship.  
 Inspection of vessels. (See S3.)  
 Inspection tests.  
 Waivers of requirements.

**L5-2 Tests, suitability (material not under purchase).**

Experiments.  
 Laboratory tests.  
 Service tests.  
 Shock tests.  
 Simulative tests.  
 Special apparatus and arrangements for making test.

**L5-3 Inspection of real property.****L5-4 Inspections of operations and personnel, shore establishments.****L6 PAYMENTS, RECEIPTS, AND DELIVERIES.****L6-1 Deliveries and receipts.**

Acceptance of deliveries.  
 Advance deliveries.

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**L6 PAYMENTS, RECEIPTS, AND DELIVERIES—Continued.**

- L6-1 Deliveries and receipts—Continued.**  
 Checkages.  
 Delays in deliveries and receipts.  
 Deliveries.  
 Excess deliveries.  
 Exemption from deliveries.  
 Expediting deliveries.  
 Failure in making deliveries.  
 Guarantee period.  
 Illegal deliveries and receipts. (See par. 13-1.)  
 Outfitting period, new ships.  
 Partial deliveries.  
 Prompt deliveries.  
 Receipts.  
 Rejection of deliveries.  
 Releases.  
 Shortage of deliveries.
- L6-2 Disbursing.**  
 Authorization for payments.  
 Advance of money to contractors.  
 Bad debts.  
 Bills.  
 Bills, lost.  
 Bills payable.  
 Bills receivable.  
 Bills, unpaid.  
 Carrying charges.  
 Cash advances.  
 Certificates on dealers' bills.  
 Claims and compensation.  
 Collections.  
 Corrected public bills.  
 Credits.  
 Deferred payment (labor and material).  
 Delays in payments.  
 Disbursements.  
 Discount for cash, contractors' bills.  
 Illegal payments.  
 Liquidated and unliquidated damages, payment of.  
 Liquidation.  
 Overpayments and receipts therefor.  
 Partial payments.  
 Payments.  
 Payments on public bills.  
 Penalties.  
 Preparation of payments.  
 Preparation of public bills.  
 Priorities (payments).  
 Progress payments.  
 Public bills.  
 Public vouchers.  
 Refunds.  
 Reimbursements.  
 Reservations.  
 Vouchers.  
 Vouchers, abstract of.  
 Warrants (authority for making payments).
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**L6 PAYMENTS, RECEIPTS, AND DELIVERIES—Continued.****L6-3 Progress reports.**

Degree of completion on ships building.  
Progress of work on ships building.

**L7 ALLOWANCES.****L7-1 Allowances.**

Allowance books.  
Allowance lists.  
Allowance, pay and money. (See L16 Pay and money allowance, wages and salaries.)  
Allowance rations, etc. (See L16)  
Emergency rations.  
Outfit, allowance of.  
Outfits of vessels on first commissioning.

**L7-2 Standard stock.**

Distribution of material.  
Discontinuance of standard stock.  
Distributing points for standard stock.  
Naval material and stores, classification, standard stock catalogue, Federal.  
Standard stock catalogue.

**L8 PROCUREMENT.****L8-1 Supply system.**

Afloat.  
Ashore.

**L8-2 Requisitions.**

Action taken on.  
Additional information regarding.  
Advance approval of.  
Cancellation of.  
Change in appropriation on.  
Class requisitions.  
Completion of.  
Correction of.  
Decrease on requisitions.  
Disapproval of.  
Disposition of.  
Expedition of.  
Increase on requisitions.  
In-excess requisitions.  
Inspectors' requisitions.  
Issues.  
Local requisitions.  
Material not covered by, obtaining of.  
Methods of issuing material.  
Missing requisitions.  
Modification of.  
Naval supply account requisitions.  
Not in-excess.  
Original.  
Proprietary.  
Preparation of.  
Reserve material.  
Stubs.

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**L8 PROCUREMENT—Continued.**

- L8-3 Other methods of procurement.**  
 Commandeering supplies and services.  
 Confiscation of material.  
 Manufacturing orders and requests.  
 Naval supply account fund requests.  
 Orders for services or labor.  
 Plant orders.  
 Procurement by acquisition.  
 Procurement by construction or manufacture.  
 Project orders.  
 Selection and adoption in procuring material.  
 Subsidation.  
 Subvention.
- L8-4 Servicing aircraft on flights.**

**L9 CARE AND PRESERVATION.**

- L9-1 Preservation.**  
 Berthing of ships for safety.  
 Care and preservation.  
 Care and preservation gangs.  
 Cleaning.  
 Dehydrating.  
 Fire protection of ships.
- L9-2 Guard service (military and civil).**  
 Guard service of material in transit.  
 Guarding plants, and material.  
 Shipkeepers, cost of.  
 Watchmen and guards, cost of.
- L9-3 Alterations, repairs, and overhaul.**  
 Alterations.  
 Arrival and departure conference reports.  
 Assignments for overhaul.  
 Availability for work.  
 Completion, date of.  
 Home yards, assignment of.  
 Maintenance.  
 Modernization.  
 Overhaul and docking schedules.  
 Overhaul period.  
 Precedence of work.  
 Priority of work.  
 Progress of work.  
 Readiness for sea.  
 Renovating.  
 Repairs.  
 Status of work.  
 Transfer work.  
 Unfinished work at time of departure.  
 Work load.  
 Work of laying up.  
 Work requests summaries.  
 Work to be performed by ship's force.
- L9-4-5 Combined under L9-3.**
- L9-6 Storage for preservation.**  
 Subaqueous storage of coal.
- L9-7 Safety devices.**  
 Safety devices, safety precautions, and orders.
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**L10 ACCOUNTING.**

- L10-1 Supply accounting ashore.**  
Accounting ashore, method of.  
Classification of naval stores (accounting for).
- L10-2 Supply accounting afloat.**  
Accounting afloat, method of.
- L10-3 Industrial accounting.**  
Account group classification.  
Accounting for piece work.  
Accounting systems, title Z shops.  
Charges.  
Charges, location of.  
Comparative cost data.  
Cost accounting.  
Cost determination.  
Cost of work, records, Costs and reports.  
Costs.  
Estimate of value.  
Estimated and actual cost.  
Expenses.  
Expense distribution (accounting).  
Expense rates (overhead and indeterminate appropriation expense).  
Expense statements.  
Extraordinary repairs, accounting for.  
Fixed charges.  
General scope, theory and practice (accounting).  
Hourly rates for tools.  
Indeterminate charges (accounting).  
Installation charges.  
Job order system.  
Job order system and reports.  
Labor rolls (see L16 Pay and money allowance, wages, and salaries).  
Liability accounts.  
Limit of cost.  
Machine tool rates (accounting).  
Material system of accounting.  
Miscellaneous general expenses, accounting for.  
New construction charges, accounting for.  
Operating expenses, accounting for.  
Overhead.  
Plant inventory.  
Power, accounting for.  
Shop expense, accounting for.  
Shop orders.  
Shop stores.  
Statistical machine system (accounting).  
Statutory limit of repair work.  
Title Z stores, foundry.  
Title Z stores, other than foundry.
- L10-4 Accounting nonindustrial.**  
Cost of maintenance of prison system.  
Deficits in accounting.  
Discrepancies and irregularities in accounting.  
Incomplete accounting.  
Inefficiency in accounting.  
Maintenance and operation accounts.  
Negligence in accounting.
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**L10 ACCOUNTING—Continued.**

- L10-4 Accounting nonindustrial—Continued.**  
 Plant increase.  
 Plant inventory.  
 Report of expenditures.
- L10-5 General accounts, reports, and returns, miscellaneous.**  
 Accounts.  
 Accounts payable.  
 Accounts receivable.  
 Acts of July 11, 1919, and April 21, 1922, relief from.  
 Administrative examination and analysis of accounts.  
 Assets, property investment.  
 Auditing accounts.  
 Auditor's suspensions.  
 Bookkeeping.  
 Delinquencies in accounting.  
 Disallowances.  
 Expenditure records and accounts.  
 Financial report.  
 Inspection of accounts.  
 Ledgers, accounting.  
 Outstanding accounts.  
 Rendition of accounts and returns.  
 Reports on methods of accounting.  
 Settlement of accounts.  
 Standard classification of expenditures by objects  
 (Comptroller General's classification of accounts).  
 Statement of differences (accounting).  
 Statements (accounting).  
 Summaries.  
 Supervision of accounts.  
 Suspension disallowances.  
 Suspension of accounts.  
 Transfer statements (accounting).
- L10-6 Cost inspection, cost-plus contracts, cancellations.**  
 Accounting for piecework (cost inspection).  
 Administrative expenses, accounting for.  
 Amortization.  
 Analysis and adjustment of charges and prices.  
 Billing at average rates (cost-plus contracts).  
 Certification of costs.  
 Charges (cost-plus contracts).  
 Comparative cost data (cost inspection).  
 Hourly machine tool rates.  
 Overhead distribution.  
 Overhead expense charge.  
 Overhead method of accounting.  
 Profits.
- L10-7 Commercial radio and wire traffic accounts.**  
 Abstracts of commercial traffic.  
 Accounts payable.  
 Accounts receivable.

**L11 APPRECIATION, DEPRECIATION, AND DISPOSITION.**

- L11-1 Casualties and salvage.**  
 Accidents.  
 Acts of God, loss or deterioration due to.  
 Calamities.
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**L11 APPRECIATION, DEPRECIATION, ETC.—Continued.**

- L11-1 Casualties and salvage—Continued.**  
 Casualties (accidents, fires, etc., losses due to).  
 Collisions of vessels, motor vehicles, etc.  
 Conflagrations.  
 Damage caused by aircraft.  
 Damages to property for which Government is responsible.  
 Disappearance of vessels and aircraft.  
 Droughts, damage by.  
 Explosions.  
 Fires.  
 Floods, damage by.  
 Groundings.  
 Looting.  
 Loss of material due to unknown reasons.  
 Replacements and reclamations.  
 Salvage of material. (See S94.)  
 Sinkings.  
 Spontaneous combustion.  
 Trouble reports.  
 Unclaimed and stray material.  
 Vessels in distress.
- L11-2 Custody.**  
 Accountability and custody of material.  
 Appraisals.  
 Custody receipts.  
 Discrepancies and irregularities in custody of material.  
 Inventories.  
 Invoices.  
 Property returns.  
 Stock on hand.  
 Store invoices.  
 Storekeeping, accounting under.  
 Surveys of material.  
 Turning material into store.
- L11-3 Disposition.**  
 Abandonment and obsolescence of property and material.  
 Consumption of material.  
 Depreciation.  
 Depreciation of value or material.  
 Destroyed material.  
 Destruction of material.  
 Disposition.  
 Evaporations.  
 Excess stock.  
 Illegal disposition of material.  
 Losses by inventions.  
 Naval supply account, disposition of material under.  
 Price revisions of material in store.  
 Prices of material in store.  
 Release of material.  
 Scrapping of material or other objects.  
 Seizure of materials and other objects by enemy.  
 Surplus material, disposition of.  
 Unserviceable material.
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**L11 APPRECIATION, DEPRECIATION, ETC.—Continued.**

- L11-4 Sales.**  
 Bills of sale.  
 Demobilization of stores.  
 Proceeds of sales.  
 Promotion of sales.  
 Sales.  
 Sales at auctions.  
 Sales at commissary stores, naval stations.  
 Sales of vessels.  
 Sales to foreign governments.  
 Sales to other Government departments.  
 Sales to private party.
- L11-5 Transfers, loans, and work for other than Navy (general).**  
 Custody receipts.  
 Docking for other than Navy (including routine docking work).  
 Guaranties for safe return.  
 Loans.  
 Special deposits.  
 Transfer of funds.  
 Transfer with reimbursement.  
 Transfer without reimbursement.  
 Transfers.  
 Work.
- L11-6 Transfers, loans, and work for other Government departments.**  
 Custody receipts.  
 Docking for other Government departments, (including routine docking work.)  
 Guaranties for safe return.  
 Loans.  
 Special deposits.  
 Transfer of funds.  
 Transfer with reimbursement.  
 Transfer without reimbursement.  
 Transfers.  
 Work.
- L11-7 Transfers, loans, and work for other Governments.**  
 Custody receipts.  
 Docking for other Governments (including routine docking work).  
 Guaranties for safe return.  
 Loans.  
 Special deposits.  
 Transfer of funds.  
 Transfer with reimbursement.  
 Transfer without reimbursement.  
 Transfers.  
 Work.
- L11-8 Transfers, loans, and work for private parties.**  
 Custody receipts.  
 Docking for private parties (including routine docking work).  
 Guaranties for safe return.  
 Loans.  
 Special deposits.  
 Storage, care, and repair of commercial planes at government yards and stations.
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**L11 APPRECIATION, DEPRECIATION, ETC.—Continued.**

- L11-8 Transfers, loans, and work for private parties—Continued.**  
 Transfer of funds.  
 Transfer with reimbursement.  
 Transfer without reimbursement.  
 Transfers.  
 Work.
- L11-9 Transfers, loans, and work between naval bureaus and officers and shore establishment.**
- L11-10 Transfers, loans, and work for Navy Department by other Government departments.**  
 Custody receipts.  
 Docking.  
 Guaranties for safe returns.  
 Special deposits.  
 Transfer of funds, etc.  
 Transfers.  
 Transfers with reimbursement.  
 Transfers without reimbursement.
- L11-11 Claims of Navy Department against other departments for property damage.**  
 Estimates of damage.  
 Legislative authority for payments.  
 Replacement.  
 Settlement.  
 Transfer of funds.
- L11-12 Claims of United States Government departments against other governments for property damage.**  
 Estimates of damage.  
 Replacement.  
 Settlement.
- L11-13 Claims of other Government departments against Navy Department for property damage.**  
 Estimates of damage.  
 Legislative authority for payment.  
 Replacement.  
 Settlement.  
 Transfer of funds.
- L11-14 Claims of other governments against United States Government departments for property damage.**  
 Estimates of damage.  
 Legislative authority for payment.  
 Replacements.  
 Settlement.  
 Transfer of funds.
- L11-15 Claims of private parties against United States Government departments for property damage.**  
 Estimates of amount of damage.  
 Legislative authority for payment.  
 Replacement.  
 Settlement.
- L11-16 Claims of United States Government departments against private parties for property damage.**  
 Estimates of damage.  
 Replacement.  
 Settlement.
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**L11 APPRECIATION, DEPRECIATION, ETC.—Continued.**

- L11-17** Claims of private parties for salvaging United States Government property.  
 Bills rendered.  
 Recommendations as to approval.  
 Settlement.
- L11-18** Transfers, loans, and work for Government departments by private parties (not including salvaging work).  
 Bills rendered.  
 Recommendations as to approval.  
 Settlement.
- L11-19** Transfers, loans, and work for United States Government departments by foreign governments.  
 Bills rendered.  
 Custody receipts.  
 Docking.  
 Guaranties.  
 Special deposits.  
 Transfers.  
 Transfer of funds.  
 Transfer with reimbursement.  
 Transfer without reimbursement.  
 Settlement.
- L11-20** Claims of private parties against foreign governments.  
 Estimates of amounts.  
 Authority for payment.  
 Replacement.  
 Settlement.
- L11-21** Transfers, loans, and work for foreign governments or firms by private concerns of the United States.  
 Bills rendered.  
 Docking.  
 Equipment.  
 Settlement.
- L11-22** Claims for salvage services rendered by ships of the United States Navy or by Government owned merchant ships.

**L12 INVESTMENTS AND DEPOSITS.**

- L12-1** Banks, banking, checks, and drafts.  
 Altered, destroyed, or canceled checks.  
 Banks and banking, building associations, trust companies, savings banks, and societies to promote thrift.  
 Cash.  
 Certificates of deposit.  
 Certification of checks.  
 Check books.  
 Checks (bank).  
 Checks, cashing.  
 Checks, custody of.  
 Checks, disposition of.  
 Checks, signing of.  
 Collection of checks.  
 Conscience fund.  
 Deposit books.  
 Depositories.
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**L12 INVESTMENTS AND DEPOSITS—Continued.****L12-1 Banks, banking, checks, and drafts—Continued.**

Deposits.  
 Deposits for safe-keeping.  
 Discounts.  
 Drafts.  
 Duplicate checks.  
 Interest.  
 Lost checks.  
 Special deposits, such as deposits of money to cover future payments, deposits for safe-keeping, non-interest-bearing deposits.  
 (For special deposits in connection with loans, transfers, and work for other than Navy see L11-5, L11-6, L11-7, and L11-8.)  
 Treasury deposits.  
 Unclaimed and uncashed checks.

**L12-2 Investments.**

Fiscal agents.  
 Foreign investments.  
 Liberty loan bonds.  
 Relation of profits to investment.  
 War savings stamps.

**L13 INSURANCE AND BONDING.****L13-1 Bonds and guaranties.**

Annual bonds.  
 Annual guaranties.  
 Annual guaranties of firms selling to the Navy.  
 Bond premiums and receipts for.  
 Bonds.  
 Bonding bureaus.  
 Bonding companies.  
 Debarment of bonding and surety companies.  
 Fidelity bonds.  
 Indemnity bonds.  
 Power of attorney or stipulation and consent agreement.  
 Qualified surety companies.  
 Security bonds.  
 Surety bonds.

**L13-2 Liability acts and insurance.**

Annuity (insurance and bonding).  
 Application for insurance.  
 Beneficiaries.  
 Changes of policy (insurance).  
 Cost-plus contract insurance.  
 Conversion of insurance.  
 Fire insurance.  
 General average prorating of expense involved in loss or injury to a transporting vessel and cargo.  
 Gratuity (after death).  
 Guaranties.  
 Indemnity for accidental death or injuries.  
 Insurance.  
 Insurance certificates.  
 Insurance dividends.  
 Insurance policies.  
 Insurance premiums.

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**L13 INSURANCE AND BONDING—Continued.****L13-2 Liability acts and insurance—Continued.**

Insurance rates.  
 Insurance, transfer of.  
 Insuring private ships and operators.  
 Insuring private shippers.  
 Insuring ships, cargoes, and personnel.  
 Liability act.  
 Life insurance.  
 Marine insurance.  
 Surety.  
 War risk insurance.  
 Workmen's compensation act.  
 World War veterans' act.

**L14 DUTIES, TAXES, ASSESSMENTS, AND DUES.****L14-1 Taxation and taxes.**

Cost-plus contract taxes.  
 Custom taxes.  
 Excess profits tax.  
 Gasoline tax, State.  
 Income tax.  
 Inheritance tax.  
 Internal-revenue tax.  
 Land tax.  
 Poll tax.  
 Processing taxes.  
 Property tax.  
 Sales tax.  
 Social security tax.  
 Stamp tax.  
 Taxation.  
 War tax.

**L14-2 Fees, dues, and assessments, material in bond.**

Assessments.  
 Canal tolls.  
 Docking charges other than at navy yards.  
 Dues.  
 Duty (tax).  
 Entry of goods (through customhouse).  
 Export and import licenses.  
 Export and import tariff.  
 Fees.  
 Foreign-trade record.  
 Free entry (duties and taxes).  
 License and permit (commercial).  
 Material in bond.  
 Notary public fees.  
 Pilotage.  
 Port dues and charges.  
 Revenue (duties, taxes, assessments, and dues).  
 Tariff.  
 Tolls.  
 Tonnage dues.  
 Withdrawal of alcohol from bond.

**L15 MORTGAGES.**

Liens.  
 Trusts.

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**L16 PAY, SALARIES, AND WAGES; MONEY ALLOWANCES TO PERSONNEL, INCLUDING ALLOTMENTS OF PAY, RENTAL, RATIONS, AND SUBSISTENCE ALLOWANCES.**

**L16-1 Schedule of wages for civil employees of shore establishments.**

**L16-2 Reclassification of salaries.**

**L16-3 Joint service pay bill, act of June 10, 1922.**

**L16-4 Pay, salaries, and wages.**

- Active duty pay.
- Advance pay.
- Assignment of wages.
- Back pay.
- Checkages of pay, salaries, and wages.
- Checks sent to employees.
- Commutation of pay, salaries, and wages.
- Constructive service.
- Creditable record pay.
- Credits.
- Deductions of pay for absence or furlough, etc.
- Flight pay.
- Garnishment of pay.
- Holiday pay.
- Illegal pay.
- Irregularity in handling pay.
- Longevity pay.
- Loss of pay.
- Night-shift pay.
- Overtime pay.
- Pay.
- Pay checks.
- Pay for special detail.
- Pay-roll changes.
- Pay rolls.
- Pay tables.
- Rates of pay.
- Reimbursement of pay.
- Request for pay.
- Retirement deductions.
- Retirement pay.
- Salaries.
- Stoppage of pay.
- System of paying.
- Unclaimed wages.
- Wages.
- Wages (labor roll).
- Wages, retroactive.

**L16-5 Pay, Naval Reserve.**

- Compensation for command.
- Drill pay.
- Retainer pay.

**L16-6 Allotments of pay.**

- By enlisted men.
- By officers.
- Discontinuance of allotments of pay.
- Family allotments.
- Nonpayment of allotments of pay.

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**L16 PAY, SALARIES, AND WAGES, ETC.—Continued.**

- L16-7 Quarters, allowances for.**  
 Civilian employees occupying Government quarters.  
 Commutation of quarters.  
 Heat and light allowances.  
 Rental allowance.
- L16-8 Ration and subsistence allowances.**  
 Emergency rations, allowance of.  
 Increase of ration allowance.  
 Ration allowance.  
 Rations, component parts.  
 Subsistence allowance.
- L16-9 Allowances, money, to personnel.**  
 Bonuses, executive.  
 Bonus (\$240 congressional).  
 Bonuses.  
 Bounty.  
 Checkages of allowances.  
 Discontinuance of allowances.  
 Emergency expenses.  
 Expenses of individuals on special detail.  
 Gratuities (to employees of Government).  
 Gratuities to prisoners upon discharge.  
 Gratuity (\$60), discharge.  
 Gratuity, uniform.  
 Pensions and applications for.  
 Pension fund.  
 Reimbursements of allowances.  
 Prize money.

**L17 INCOMES.****L18 FINANCIAL DEALINGS (INDIVIDUALS).**

- Bumboating.  
 Cooperative stores.  
 Financial dealings (individuals). (See P13 for personnel.)  
 Floating debt.  
 Interests in non-governmental financial enterprises.  
 Money loaned or borrowed—indebtedness.  
 Profiteering.  
 Prohibition of bumboating.  
 Selling agencies.  
 Sinking fund.  
 Sutling.

**L19 PERSONAL EFFECTS.**

- Household effects.  
 Inventory and disposition of effects.  
 Personal belongings.  
 Private articles carried on board ship, or shipped.  
 Private property.  
 Professional books and other personal property. (Methods of billing shipping, allowance, excess.)  
 Property lost by individuals.  
 Reimbursements of officers and men for lost or destroyed personal effects.
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**L20 TRAVEL AND TRANSPORTATION OF PERSONNEL.**

- L20-1**      **Methods of and accommodations for.**  
 Accommodations (travel).  
 Aerial transportation (personnel).  
 Bus lines.  
 Elevated car lines.  
 Embarking and discharging passengers.  
 Ferry service.  
 Guide books.  
 Hire of carriages, cabs, motors, etc.  
 Kitchen-car service.  
 Parlor-car service.  
 Passenger lists.  
 Passes and permits (travel).  
 Passports.  
 Quarters on shipboard for passengers.  
 Rail transportation.  
 Sleeping-car service.  
 Stowaways.  
 Subsistence accommodations during travel.  
 Subways.  
 Surface car lines.  
 Tourist-car service.  
 Transportation instructions.  
 Transportations methods.  
 Transportation of troops.  
 Transportation of prisoners.  
 Transportation (personnel).  
 Transportation on commercial vessels.  
 Transportation on Government vessels.  
 Travel identification labels and tags.  
 Vehicular tunnels.
- L20-2**      **Transportation requests.**  
 Cancellation of transportation.  
 Meal tickets.  
 Mileage.
- L20-3**      **Travel claims.**
- L20-4**      **Transportation of dependents.**
- L20-5**      **Travel rates.**  
 Bond-aided rates (personnel travel).  
 Classification for rate-making purposes (personnel travel).  
 Distance tables.  
 Equalization of rates (personnel travel).  
 Hotel rates (personnel travel).  
 Land-grant railroad rates.  
 Parlor-car rates.  
 Passenger rates.  
 Rate schedules (passenger travel).  
 Regulation of rates (passenger travel).  
 Sleeping-car rates.  
 Stateroom rates.  
 Tariff (transportation rates).  
 Tickets, railroad, streetcar, etc.  
 Travel allowance on discharge and extension of enlistment.  
 Travel allowances for escorts accompanying the dead.
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**L20 TRAVEL, ETC.—Continued.****L20-6 Baggage and dunnage.**

Excess.  
Loss of.  
Transfer of.

**L21 SHIPMENTS.****L21-1 Conveyance facilities.**

Carriers, freight.  
Export and import, shipment facilities.  
Express, shipment by.  
Freight, shipment by.  
Government conveyance, shipment by.  
Inland traffic.  
Land-grant railroads, shipment by.  
Merchant vessels carrying naval supplies.  
Mobilization of shipping facilities.  
Motortruck, shipment by.  
Naval overseas transport service. (See naval transport service.)  
Naval transportation service (formerly naval overseas transportation service).  
Parcel post.  
Postal shipments.  
Rail, shipment by.  
Shipment by air.  
Shipment by land.  
Shipment by water.  
Shipment in American bottoms.  
Shipment in foreign bottoms.

**L21-2 Shipment rates and charges.**

Bond-aided rates (freight and cargo).  
Bullion, shipment of.  
Charges on shipments.  
Classification for rate-making purposes (freight and cargo).  
Demurrage (shipment).  
Drayage rates.  
Equalization of rates (freight and cargo).  
Express rates.  
Freight rates.  
Freight rates on Government transports.  
Land-grant railroad rates (freight and cargo).  
Proposal of new transportation lines and routes.  
Rate schedules (freight and cargo).  
Regulation of rates (freight and cargo).  
Storage charges on shipments.  
Tariff, transportation (freight and cargo).  
Tonnage (shipments).  
Transportation contracts, instructions on.  
Water rates (shipment).  
Wharfage.

**L21-3 Preparation of shipments.**

Classification of freight (shipments).  
Embargoes on shipments.  
Explosives, regulations governing shipment of.  
Identification of shipments.  
Instructions to shippers.

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**L21 SHIPMENTS—Continued.****L21-3 Preparation of shipments—Continued.**

Marking shipments.  
 Method of making shipments.  
 Packing cases, boxes, crates, etc.  
 Packing for shipment.  
 Priority of shipments.  
 Regulation of routes.  
 Routing of shipments.  
 Trade routes.  
 Traffic instructions.  
 Transportation mailing lists.  
 Shipment orders.  
 Shipment of stores to private parties.  
 Shipments under contract.  
 Shipping tags.

**L21-4 Freight, express, and other methods of shipment.**

Billing (freight and cargo).  
 Bills of lading (Government and commercial).  
 Car orders, situations, shipments.  
 Car seals.  
 Cargo and distribution lists.  
 Cargo lists.  
 Cargo reports.  
 Manifests (material shipped, list of).  
 Reports of material shipped.  
 Shipper's clearance papers.  
 Shipper's declarations.  
 Unused bills of lading.

**L21-5 Shipments in transit.**

Cars, shortage, congestion, wrecking, switching of  
 (affecting shipments).  
 Complaints regarding shipments.  
 Damage in transit (shipments).  
 Delay in deliveries (shipments).  
 Diverting shipments.  
 Expediting shipments.  
 Loss in transit.  
 Reports of arrival of shipments.  
 Shortages, losses, and tracing (shipments).  
 Tracing shipments.

**L21-6 Loading and unloading shipments.**

Drayage and hauling.  
 Shipping and receiving facilities at navy yards.  
 Stevedoring.

**L21-7 Naval shipping guide.****L22 GIFTS.****L22-1 Contributions.**

Donations to individuals.  
 Donations to organizations.  
 Relief of destitute, to (individuals and organizations).  
 Solicitation requests.

**L22-2 Presentation sets.**

Presentation sets.  
 Silver service, etc.

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**L22 GIFTS—Continued.**

- L22-3 Rewards to individuals.**  
 Gifts to individuals.  
 Homestead rights.  
 Money rewards for beneficial suggestions. (See  
 A13-7 Beneficial suggestions.)  
 Presents to individuals.  
 Rewards for recovery of property.  
 Rewards for services.  
 Souvenirs (gifts).

**L23 BILLS OF EXCHANGE.**

- L23-1 Foreign currency.**  
 Exchange.  
 Payment of exchange.  
 Rates of exchange.  
 Value of foreign coins and currency.

**L24 RESOURCES AND FACILITIES.**

- L24-1 Capacity and output of manufacturing establishments.**  
 Berthing facilities.  
 Commerical facilities.  
 Domestic production.  
 Facilities.  
 Foreign production.  
 General condition of plants.  
 Industrial inventories for war purposes.  
 Natural resources.  
 Port facilities.  
 Port facilities, foreign.  
 Production.  
 Resources.  
 Resources and facilities for housing of employees.  
 Resources, commercial.  
 Resources, estimates of.  
 Resources for handling materials.  
 Resources, local.  
 Resources, military.  
 Resources, national.  
 Terminal facilities.
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## SHORE ESTABLISHMENT MATERIAL GROUP.

- N1 Grounds.
- N2 Highways.
- N3 Administration structures.
- N4 Personnel structures.
- N5 Shop structures.
- N6 Storage structures.
- N7 Power pumping, and generating plant structures.
- N8 Experimental and laboratory structures.
- N9 Hospital, sanitarium, asylum, medical, and sanitation structures.
- N10 Aviation structures.
- N11 Radio structures.
- N12 Military structures.
- N13 Transportation structures.
- N14 Bridges.
- N15 Water-front structures.
- N16 Dry docks.
- N17 Marine railways.
- N18 Shipways.
- N19 Buildings, general.
- N20 Moorings and navigational aids.
- N21 Obstructions to navigation.
  
- N22 Dredging.
- N23 Generating plants.
- N24 Fuel plants (including structures).
- N25 Water, ice, refrigerating plants (including structures).
- N26 Distributing systems.
- N27 Fire protection (shore establishment).
- N28 Communication systems (shore establishment).
- N29 Tracks.
- N30 Rolling stock.
- N31 Weight handling.
- N32 Weighing apparatus.
- N33 Vehicles and livestock.
- N34 Construction equipment.
- N35 Machines and tools (obsolete, combined with N34).
- N36 Office supplies and equipment (shore establishment).
- N37 Furniture, household.
- N38 Furniture, nonhousehold.
- N39 Air station equipment.

When subdividing file data on the different kinds of equipment and apparatus contained in the above structures, do so by using where possible the classifications of the "S" groups with the above.

When the above includes a plant as an integral part thereof, the plant and its equipment will be classed with the above and not under N23 Generating plants.

**N1 GROUNDS**

- N1-1 Surveys.**  
 Areas.  
 Bench marks.  
 Boundary monuments.  
 Metes and bounds.  
 Subsurface.  
 Topographic.
- N1-2 Improvements to terrain.**  
 Gardens.  
 Grass, lawns, loam, sod, and seeding.  
 Landscape development.  
 Nursery building, greenhouse.  
 Parks.  
 Plants, shrubbery, trees.
- N1-3 Earthwork.**  
 Excavating.  
 Filling.  
 Grading.
- N1-4 Drainage.**  
 Culverts.  
 Ditches.
- N1-5 Tests of soil.**  
 Borings.  
 Test piles.  
 Test pits.
- N1-6 Pits.**  
 Gravel pits.  
 Sand pits.
- N1-7 Athletic fields.**  
 Baseball fields.  
 Football fields.  
 Golf courses.  
 Handball courts.  
 Polo grounds.  
 Tennis courts.
- N1-8 Parade grounds and drill fields.**
- N1-9 Landing fields.**
- N1-10 Testing spaces.**
- N1-12 Erecting spaces.**
- N1-13 Lands.**  
 Easements (right-of-way, etc.)  
 Land, condemnation of.  
 Land grants and patents.  
 Riparian rights.  
 Titles, abstract of.  
 Titles, land.
- N1-14 Monuments (not boundary).**
- N1-15 Parking spaces, automobile, etc.**

**N2 HIGHWAYS.**

- N2-1 Pavements.**  
 Roads.  
 Streets.
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**N2 HIGHWAYS**—Continued.

- N2-2** Gutters, catch basins, and gratings.  
**N2-3** Walks, passage platforms, and cat walks.

**N3 ADMINISTRATION STRUCTURES.**

- N3-1** **Administration buildings.**  
 Information.  
 Office.  
 Regimental.  
 Vaults.
- N3-2** **Police buildings.**  
 Booths.  
 Police station.  
 Sentinel box.  
 Sentry building.  
 Watch house.
- N3-3** **Post-office buildings.**
- N3-4** **Limitation of boundaries.**  
 Fences.  
 Gate house.  
 Gates.  
 Inspection building.  
 Waiting station.  
 Walls, boundary.

**N4 PERSONNEL STRUCTURES (EXCEPT THOSE IN CONNECTION WITH HOSPITAL PURPOSES).**

- N4-1** **Quarters.**  
 For chief petty officers.  
 For civilian employees.  
 For enlisted men.  
 For nurses.  
 For officers.  
 For warrant officers.  
 Quarters for servants, attendants, etc.  
 Quarters, privately owned.
- N4-2** **Barracks.**  
 Barracoones.  
 Bunk houses.  
 For enlisted men.  
 For laborers.  
 Receiving ship, ashore.  
 Training ship, ashore.
- N4-3** **Dormitories and hotel buildings.**
- N4-4** **Buildings for preparation of food.**  
 Bakery.  
 Butcher shop.  
 Galley building.  
 Kitchen.
- N4-5** **Buildings for serving food.**  
 Cafeteria.  
 Dining room.  
 Lunch room.  
 Mess hall.  
 Officers' mess.  
 Restaurant.  
 Subsistence building.
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**N4 PERSONNEL STRUCTURES, ETC.—Continued.**

- N4-6 Buildings for the issue of small stores.**  
Canteen commissary building.  
Post exchange.
- N4-7 Religious and welfare purposes, buildings for.**  
Chapels.  
Chaplains' building.  
Churches.  
Hostess house (Y. W. C. A.).  
K. of C.  
Lutheran Brotherhood.  
Morale.  
Red Cross.  
Y. M. C. A.  
Y. M. H. A.
- N4-8 Recreational and amusement buildings.**  
Auditorium.  
Band stand.  
Club house.  
Exhibit hall.  
Lecture hall.  
Library.  
Museum.  
Recreation.  
Swimming pools, tanks, etc.  
Tents.  
Theater.
- N4-9 School buildings and training structures.**  
Apprentice school.  
Artificers' school.  
Aviation mechanic's school.  
Bombing school.  
Cooking school.  
Diving school.  
Electrical school.  
Fuel-oil school.  
Gas chambers, etc., for training in fire rescue.  
Gas-engine school.  
Gunnery school.  
Gyrocompass school.  
Hospital corps school.  
Listeners' school.  
Machine gun school.  
Machinists mates' school.  
Material school.  
Mechanics' school.  
Music school.  
Officers' school.  
Pharmacists mates' school.  
Quartermasters' school.  
Radio school.  
Rowing school.  
Seamanship school.  
Shooting gallery.  
Submarine school.  
Submarine escape training tanks.  
Swimming school.  
Yeomens' school.
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**N4 PERSONNEL STRUCTURES, ETC.—Continued.**

- N4-10 Buildings for physical instruction and athletic purposes.**  
 Bleachers.  
 Bowling alley.  
 Field house.  
 Grand house.  
 Grand stand.  
 Gymnasium.  
 Natatorium.  
 Swimming pools.
- N4-11 Barber shops.**
- N4-12 Cobbler shops.**
- N4-13 Washing and laundry buildings.**  
 Laundry.  
 Scrub house.  
 Washhouse.
- N4-14 Toilet and locker buildings.**  
 Comfort station.  
 Latrine.  
 Lavatory.  
 Locker room.
- N4-15 Detention (not quarantine) buildings.**  
 Brig.  
 Guardhouse.  
 Prison.
- N4-16 Outbuildings for quarters, etc.**  
 For money allowance for quarters, see L16.

**N5 SHOP STRUCTURES.**

- N5-1 Structural shops.**
- N5-2 Punch sheds.**
- N5-3 Sheet-metal shops.**
- N5-4 Bending shops.**
- N5-5 Metal shops.**
- N5-6 Foundries and sand-blasting shops.**
- N5-7 Forge shops.**
- N5-8 Plating and polishing shops.**
- N5-9 Heat-treatment shops.**
- N5-10 Shrinkage pits.**
- N5-11 Smitheries.**
- N5-12 Blacksmith shops.**
- N5-13 Wheelwright shops.**
- N5-14 Welding shops.**
- N5-15 Pickling plant and vats.**
- N5-16 Turret shops.**
- N5-17 Mold shops.**
- N5-18 Machine shops.**
- N5-19 Tool shops.**
- N5-20 Core ovens.**
- N5-21 Foundations for turret assembly.**
- N5-22 Chain shops.**
- N5-23 Gun-carriage shops.**
- N5-24 Dehydrating plants.**
- N5-25 Air flasks and accumulator shops.**
- N5-26 Gun shops.**
- N5-27 Torpedo-assembly buildings.**
- N5-28 Reforming plants.**
- N5-29 Quilting shops.**

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## N5 SHOP STRUCTURES—Continued.

N5-30	Proof shops.
N5-31	Primer shops.
N5-32	Fuse and primer houses.
N5-33	Drying buildings.
N5-34	Aircraft-engine shops.
N5-35	Aircraft factories.
N5-36	Aircraft-erecting shops.
N5-37	Dope shops.
N5-38	Optical shops.
N5-39	Propeller shops.
N5-40	Clothing factories and repair shops.
N5-41	Mattress factories.
N5-42	Bag factories.
N5-43	Pattern shops.
N5-44	Sawmills.
N5-45	Joiner shops.
N5-46	Carpenter shops.
N5-47	Block shops.
N5-48	Cane-fender shops.
N5-49	Rope walks.
N5-50	Sail lofts.
N5-51	Rigging lofts.
N5-52	Flag lofts.
N5-53	Gyrocompass shops.
N5-54	Boat shops.
N5-55	Repair shops for vessels.
N5-56	Storage-battery shops.
N5-57	Electrical shops.
N5-58	Pipe-fitters shops.
N5-59	Plumbing shops.
N5-60	Paint shops.
N5-61	Coppersmith shops.
N5-62	Boiler shops.
N5-63	Shipwrights sheds.
N5-64	Shipfitters shops.
N5-65	Babbitt shops.
N5-66	Print shops.
N5-67	Air-hose shops.
N5-68	Kilns.
N5-69	Galvanizing plants.
N5-70	Oil-reclaiming plants.
N5-71	Maintenance shops.
N5-72	Cartridge-case shops.
N5-73	Erecting shops.
N5-74	Miscellaneous shops.
N5-75	Transportation shops.
N5-76	Public-works shops.
N5-77	Trades shops.
N5-78	Mine-filling plants.
N5-79	Mine-assembly plants.
N5-80	Sight shops.

## N6 STORAGE STRUCTURES.

N6-1	Paints and oils, storehouses for.
	Oil.
	Paint.
	Varnish.

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**N6 STORAGE STRUCTURES—Continued.**

- N6-2 Aviation equipment, storehouses for.**  
Airplanes.  
Dirigibles.
- N6-3 Rigging, storehouses for.**
- N6-4 Sails, storehouses for.**
- N6-5 Rope and cordage storages.**  
Cordage storage.  
Rope.
- N6-6 Timber, storage of.**  
Lumber.  
Piles.
- N6-7 Nautical instruments, storehouses for.**  
Compass storehouse.  
Gyrocompass storage.
- N6-8 Chain storehouses.**
- N6-9 Merchandise pier sheds.**
- N6-10 Docking gear, storehouses for.**
- N6-11 Piping and tubes, storehouses for.**  
Pipe sheds.  
Tubes.
- N6-12 Model storage.**
- N6-13 Net storehouses.**
- N6-14 Patterns, storehouses for.**
- N6-15 Tool houses.**
- N6-16 Scrap yards and bins.**
- N6-17 Anchor storehouses.**
- N6-18 Boat storage (shore establishment).**
- N6-19 Machinery storehouses.**
- N6-20 Cement, storage of (shore establishment).**  
Cement sheds.  
Cement storehouses.
- N6-21 Electrical storehouses.**  
Electrical apparatus, storehouses for.
- N6-22 Storage batteries, storehouses for.**
- N6-23 Engineering stores, storehouses for.**  
Radio storehouses.
- N6-24 Hemp, storehouses for.**
- N6-25 Paper and cardboard, storage of.**  
Cardboard, storehouses for.  
Paper, storehouses for.
- N6-26 Pitch, storehouses for.**  
Pitch sheds.
- N6-27 Lime, storehouses for.**  
Lime sheds.
- N6-28 Brick, storehouses for.**
- N6-29 Glass, storehouses for.**
- N6-30 Hardware, storehouses for.**
- N6-31 Sand, storehouses for.**
- N6-32 Gravel storage.**
- N6-33 Gasoline, storehouses for.**
- N6-34 Kerosene, storehouses for (shore establishment).**
- N6-35 Coke, sheds for.**
- N6-36 Coal, sheds for.**
- N6-37 Cylinders, storehouses for.**
- N6-38 Steel, storehouses for.**  
Metal, storehouses for.
- N6-39 Bolts, storehouses for.**
- N6-40 Medical supplies, storehouses for.**
- N6-41 Bags, storehouses for.**

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**N6 STORAGE STRUCTURES—Continued.**

- N6-42** Dies, storehouses for.
- N6-43** Kapok, storehouses for.
- N6-44** Excelsior, storehouses for.
- N6-45** Condemned stores, storage of.
- N6-46** Clearing houses.
- N6-47** Athletic storehouses.
- N6-48** Archives, storehouses for.
- N6-49** Tents, storehouses for.
- N6-50** Clothing, storehouses for.
- N6-51** Ships' stores, storehouses for.
- N6-52** Garbage, storehouses for.
- N6-53** Ice houses.
- N6-54** Supply officers' storehouses.
- N6-55** Commissary stores, storehouses for.
  - Commissary's.
  - Quartermaster's.
  - Regimental quartermaster's building.
- N6-56** Food products, storehouses for.
  - Fruit.
  - Meat.
  - Vegetable.
- N6-57** Acid sheds.
- N6-58** Powder houses.
- N6-59** Ordnance, storehouses for.
- N6-60** Nitrate, storehouses for.
- N6-61** Mines, storehouses for.
- N6-62** Magazines (shell houses and bomb stowage).
- N6-63** Ignition ends, storehouses for.
- N6-64** Gun mount storage sheds.
- N6-65** Fuse and primer, storehouses for.
- N6-66** Detonators, storehouses for.
- N6-67** Combustibles, storehouses for.
- N6-68** Soda, storehouses for.
- N6-69** Sulphur, storehouses for.
- N6-70** Torpedoes, storehouses for.
- N6-71** Warheads, storehouses for.
- N6-72** Pyrotechnics, storehouses for.
- N6-73** Cotton, storehouses for.
- N6-74** Motion-picture storehouses.
- N6-75** Stock rooms, general.
- N6-76** Lubricating-oil storage.
- N6-77** Submarine vessel materials and equipment, storehouses for.

**N7 POWER, PUMPING AND GAS-GENERATING PLANT STRUCTURES.**

- N7-1** Hydrogen plants.
- N7-2** Nitric acid plants.
- N7-3** Nitrogen plants.
- N7-4** Oxygen plants.
- N7-5** Acetylene and oxyacetylene plants.
- N7-6** Helium plants.
- N7-7** Power plants.
  - Boiler.
  - Heating.
  - Pumping.

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**N7 POWER, PUMPING, ETC.—Continued.**

- N7-8 Electric substations.**  
 Frequency changer houses.  
 Motor generator houses.  
 Transformer houses.
- N7-9 Chimneys, stacks and flues.**

**N8 EXPERIMENTAL AND LABORATORY STRUCTURES.**

- N8-1 Mine experimental laboratories.**  
**N8-2 Torpedo air flasks and accumulators, laboratories for.**  
**N8-3 Observatories.**  
**N8-4 Observation tower.**  
**N8-5 Model tanks, basins and experimental water channels.**  
**N8-6 Radio laboratories.**  
**N8-7 Electrical laboratories.**  
**N8-8 Photographic laboratories.**  
**N8-9 Wind tunnels.**  
**N8-10 Airplane engine laboratories.**  
**N8-11 Chemical laboratories.**  
**N8-12 Metallurgical laboratories.**  
**N8-13 Hospital laboratories (animal house).**

**N9 HOSPITAL SANITARIUM, ASYLUM, MEDICAL, AND SANITATION STRUCTURES.**

- N9-1 Ward buildings.**  
 Ambulant wards.  
 Contagious (isolation) wards and cubicles.  
 Continued treatment wards.  
 Convalescent wards.  
 Disturbed wards.  
 Infirmaries.  
 Neuropsychiatric (psychopathic wards).  
 Observation wards.  
 Quarantine barracks.  
 Quarantine quarters.  
 Quarters for sick officers.  
 Reeducational wards.  
 Semiambulant wards.  
 Surgical wards.  
 Tubercular wards.
- N9-2 Special treatment buildings.**  
 Dental offices.  
 Electrotherapy.  
 Hydrotherapy.  
 Intensive treatment.  
 Operating.  
 X-ray.
- N9-3 Dispensaries.**  
 Sick bay (shore establishment).
- N9-4 Receiving buildings (hospital purposes).**  
**N9-5 Disinfecting, fumigating and sterilizing buildings.**  
**N9-6 Mortuaries.**  
**N9-7 Disposal plants (except for sewage).**  
 Can storage buildings.  
 Crematories.  
 Garbage disposal plants.  
 Incinerators.

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**N10 AVIATION STRUCTURES.**

- N10-1 Hangars.**  
 Airship.  
 Balloon.  
 Landplane.  
 Seaplane.  
 Windbreaks.
- N10-2 Runways and landing beaches for airplanes.**
- N10-3 Airplane turntables (shore establishment).**
- N10-4 Masts, mooring.**
- N10-5 Engine testing structures, aviation (shore establishment).**  
 Engine test sheds.  
 Motor test houses.  
 Test stand houses.
- N10-6 Aerographic huts.**
- N10-7 Photographic huts.**
- N10-8 Humidifying and air-conditioning plants.**
- N10-9 Bombing buildings.**
- N10-10 Aerological buildings.**
- N10-11 Warming-up platforms.**
- N10-12 Seadromes.**
- N10-13 Arresting platforms.**

**N11 RADIO STRUCTURES (SHORE ESTABLISHMENT).**

- N11-1 Operating buildings (radio).**
- N11-2 Receiving buildings.**
- N11-3 Radiocompass buildings.**
- N11-4 Radio towers.**
- N11-5 Masts, radio (shore establishment).**
- N11-6 Helix buildings.**
- N11-7 Nonmagnetic buildings.**

For subdividing data on the radio apparatus contained in the above structures use the classification (items 18 to 99 inclusive) in Bureau of Ships pamphlet.

**N12 MILITARY STRUCTURES.**

- N12-1 Armory and drill halls.**
- N12-2 Rifle ranges and butts.**
- N12-3 Defenses.**  
 Emplacements.  
 Forts.  
 Gun platforms (shore).  
 Redoubts.  
 Trenches.
- N12-4 Flagpoles.**
- N12-5 Gun sheds.**
- N12-7 Bombproof shelters.**
- N12-8 Harbor defense military control structures.**

**N13 TRANSPORTATION STRUCTURES.**

- N13-1 Garages.**
- N13-2 Stables.**
- N13-3 Barns.**
- N13-4 Carriage houses.**
- N13-5 Cart and wagon sheds.**
- N13-6 Crane sheds.**
- N13-7 Turntables, railroad.**
- N13-8 Locomotive houses.**
- N13-9 Freight sheds.**

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**N14 BRIDGES.**

- N14-1 Bridges and viaducts.
- N14-2 Causeways.
- N14-3 Trestles (temporary).
- N14-4 Pontoon bridges.

**N15 WATER-FRONT STRUCTURES.**

- N15-1 Piers and docks.
  - Coal piers.
  - Fitting-out piers.
  - Fuel-oil piers.
  - Merchandise piers.
  - Speedboat piers.
- N15-2 Wharves.
- N15-3 Quay walls.
- N15-4 Seawalls.
- N15-5 Landings.
  - Dolphins and camels.
  - Floats, landing.
  - Gangways.
- N15-6 Dolphins.
- N15-7 Marine basins.
- N15-8 Slips and basins.
- N15-9 Boat overhangs.
- N15-10 Cofferdams.
- N15-11 Breakwaters.
- N15-12 Bulkheads.
- N15-13 Dikes.
- N15-14 Levees.
- N15-15 Transfer (tide) bridges.
- N15-16 Dump brows.
- N15-17 Piles and piling.
- N15-18 Work floats.

**N16 DRYDOCKS.**

- N16-1 Dry docks, graving.
- N16-2 Pump wells.
- N16-3 Caissons (including pumps).
- N16-4 Pumps for graving docks.
- N16-5 Floating.
- N16-6 Pumps for floating drydocks.
- N16-7 Anchorage for floating drydocks.
- N16-8 Blocking.
- N16-9 Capstans.
- N16-10 Bollards.
- N16-11 United States commercial.
- N16-12 Foreign government.
- N16-13 Foreign commercial.

**N17 MARINE RAILWAYS.****N18 SHIPWAYS.**

- N18-1 Building ways.
- N18-2 Launching ways.

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**N19 BUILDINGS.**

- N19-1 Numbering and labeling buildings and grounds.
- N19-2 Floors, ceilings, walls.
- N19-3 Repairs to buildings.
- N19-4 Roofs and roofing.
- N19-5 Ventilators and ventilating.
- N19-6 Piles and piling (not water front).
- N19-7 Sanitation of buildings and grounds.
- N19-8 Doors.
- N19-9 Windows, skylights, sashes (natural lighting).
- N19-10 Stairways.
- N19-11 Lightning protection.
- N19-12 Wrecking and salvaging.
- N19-13 Gutters and down spouts.
- N19-14 Awnings.
- N19-15 Acoustics.
- N19-16 Screening.
- N19-17 Building material.
- N19-18 Gas defensive structures, conditioning against attack.

**N20 MOORINGS AND NAVIGATIONAL AIDS (STRUCTURES ONLY).**

- N20-1 Lighthouses and light vessels.
- N20-2 Beacons and ranges.
- N20-3 Buoys (channel, mooring, and range).
- N20-4 Capstans, mooring.
- N20-5 Bollards, mooring.
- N20-6 Anchors for moorings.
- N20-7 Leader systems (piloting cables).
- N20-8 Submarine signaling stations.
- N20-9 Structures and earth formations (navigational aids).
- N20-10 Target and torpedo ranges.
- N20-11 Trial and speed courses.
- N20-12 Submarine defense nets, chains, buoys, anchors, etc.

**N21 DESIGNATIONS, SHORE ESTABLISHMENT.****N22 DREDGING.****N23 GENERATING PLANTS (DOES NOT INCLUDE STRUCTURES).**

- N23-1 Hydrogen plants and compressors.
- N23-2 Nitric acid plants.
- N23-3 Nitrogen plants.
- N23-4 Oxygen plants.
- N23-5 Acetylene and oxyacetylene plants.
- N23-6 Helium plants, compressors and expanders.
- N23-7 Power plants.
  - Boller plants.
  - Electric substations.
  - Frequency-changer houses.
  - Heating plants.
  - Motor-generator houses.
  - Pumping plants.
  - Transformer houses.

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**N23 GENERATING PLANTS—Continued.****N23-8 Circulating loops (other than piping).**

Discharge tunnels.  
 Discharge wells.  
 Intake tunnels.  
 Screens.  
 Sluice gates.  
 Suction wells.

**N23-9 Cooling and spray ponds.****N23-10 Cooling towers.****N24 FUEL PLANTS (INCLUDING STRUCTURES).****N24-1 Coaling (coal storage) plants.****N24-2 Oil-storage plants.**

Reservoirs.  
 Tanks.

**N24-3 Gasoline-storage plants**

Drums.  
 Reservoirs.  
 Tanks.

**N24-4 Diesel oil storage plants.**

Reservoirs.  
 Tanks.

**N25 WATER, ICE, AND REFRIGERATING PLANTS (INCLUDING STRUCTURES).****N25-1 Water storage (including that for fire protection).**

Dams.  
 Reservoirs.  
 Standpipes.  
 Tanks.  
 Water supply.

**N25-2 Wells and cisterns.****N25-3 Filtration plants.**

Filter beds.  
 Filters.

**N25-4 Sterilization plants.**

Chlorinators.  
 Violet ray.

**N25-5 Water softening and treating plants.****N25-6 Deferrization plants.****N25-7 Distilling plants.****N25-8 Refrigerating plants.**

Cold-storage plants.  
 Ice-cream plants.  
 Ice plants.

**N26 DISTRIBUTING SYSTEMS (SHORE ESTABLISHMENT).****N26-1 Air (pneumatic) systems.****N26-2 Hydraulic-power systems.****N26-3 Steam and hot-water systems (including piping, conduits, etc.).**

Heat.  
 Hot water.  
 Power.

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**N26 DISTRIBUTING SYSTEMS—Continued.**

- N26-4 Gas systems and stowage.**
  - Acetylene.
  - Helium.
  - Hydrogen.
  - Illuminating.
  - Oxygen.
- N26-5 Electric systems (including conduits, wires, cables, etc.).**
  - Lighting.
  - Power.
- N26-6 Water systems.**
  - Fountains and coolers.
  - Fresh water, potable.
  - Salt-water systems.
  - Fresh water, nonpotable.
- N26-7 Sewers and sewerage systems.**
  - Drains.
  - Manholes.
  - Sanitary.
  - Septic tanks.
  - Storm water.

**N27 FIRE PROTECTION (SHORE ESTABLISHMENT).**

- N27-1 Fire-alarm systems.**
- N27-2 Fire extinguishers.**
- N27-3 Fire engines.**
- N27-4 Fire-engine houses.**
- N27-5 Fire stations, hose-reel houses.**
- N27-6 Hydrants, fire.**
- N27-7 Pumps for fire protection (when not included in power plants).**
- N27-8 Foam fire protection.**
- N27-9 Automatic-sprinkler systems.**
- N27-10 Hose, fire-fighting, shore.**
  - For water storage for fire protection see N25-1.

**N28 COMMUNICATION SYSTEMS (SHORE ESTABLISHMENT)**

- N28-1 Telephone.**
- N28-2 Telegraph.**
- N28-3 Pneumatic-tube.**
- N28-4 Annunciator.**
- N28-5 Military-alarm.**
- N28-6 Signal towers.**
- N28-7 Pigeon lofts.**
- N28-8 Cable.**
  - Interruption (cables).
  - Laying and cutting cables.
- N28-9 Mail-collection boxes.**
- N28-10 Bells and whistles.**

**N29 TRACKS.****N30 ROLLING STOCK.**

- N30-1 Locomotives.**
- N30-2 Flat cars.**
- N30-3 Box cars.**
- N30-4 Dump cars.**
- N30-5 Coal cars.**

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**N30 ROLLING STOCK—Continued.**

- N30-6 Tank cars (including helium cars).
- N30-7 Gondolas.
- N30-8 Refrigerator cars.

**N31 WEIGHT HANDLING.**

- N31-1 Cranes, land.
- N31-2 Fitting-out cranes, also ship-building cranes.
- N31-3 Jib cranes.
- N31-4 Locomotive cranes.
- N31-5 Traveling-bridge cranes.
- N31-6 Wall cranes.
- N31-7 Shear legs.
- N31-8 Derricks, land.
- N31-9 Derricks, floating; and cranes, floating.
- N31-10 Hoists, pulleys, triplex blocks, etc.
- N31-11 Monorail hoists.
- N31-12 Winches.
- N31-13 Elevators.
- N31-14 Dumbwaiters.
- N31-15 Cranes, floating. (Obsolete, see N31-9.)
- N31-16 Lifting magnets.

**N32 WEIGHING AND TESTING APPARATUS (INCLUDING STRUCTURES).**

- N32-1 Track.
- N32-2 Wagon.
- N32-3 Testing apparatus ashore (other research apparatus, such as plate rocks, balancing machines, etc.)
- N32-4 Platform scales.
- N32-5 Beam scales.
- N32-6 Crane scales.
- N32-7 Toledo type scales.

**N33 VEHICLES AND LIVESTOCK.**

- N33-1 Passenger automobiles.
- N33-2 Motor trucks.
- N33-3 Ambulances.
- N33-4 Motorcycles.
- N33-5 Wagons.
- N33-6 Carts.
- N33-7 Timber wheels.
- N33-8 Sleighs.
- N33-9 Bicycles.
- N33-10 Gasoline wagons.
- N33-11 Trucks, hand.
- N33-12 Trailers.
- N33-13 Horses.
- N33-14 Mules.
- N33-15 Water buffaloes.
- N33-16 Hearses.
- N33-17 Shop express systems.
- N33-18 Trucks, electric.
- N33-19 Domestic livestock, fowls, pets, etc.
- N33-20 Tractors.
- N33-21 Trucks, helium tank.

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**N34 CONSTRUCTION AND MAINTENANCE EQUIPMENT  
(BUILDINGS AND GROUNDS).**

- N34-1 Dredges.
- N34-2 Pile drivers, floating and land.
- N34-3 Plows.
- N34-4 Scrapers, road.
- N34-5 Rollers, road.
- N34-6 Tractors. (Obsolete, see N33-20.)
- N34-7 Concrete mixers.
- N34-8 Scaffolds.
- N34-9 Street sweepers.
- N34-10 Stone crushers.
- N34-11 Drills.
- N34-12 Sprinkling carts.
- N34-13 Mowing machines and lawn mowers.
- N34-14 Snow plows.
- N34-15 Wheelbarrows and pushcarts.
- N34-16 Cement guns.
- N34-17 Paint sprayers.
- N34-18 Steam hammers.
- N34-19 Steam shovels.
- N34-20 Air compressors, portable.
- N34-21 Hand and portable tools, welding outfits (shore).

**N35 MACHINES AND TOOLS (OBSOLETE, COMBINED WITH  
N34).****N36 OFFICE SUPPLIES AND EQUIPMENT (SHORE ESTAB-  
LISHMENT).**

- N36-1 Filing equipment.
- N36-2 Fans, electric.
- N36-3 Clocks.
- N36-4 Typewriters, adding machines and labor-saving devices.
- N36-5 Office furniture, desks, etc.
- N36-6 Office supplies, stationery, etc.
- N36-7 Blue-print machines.
- N36-8 Printing and binding machinery and equipment.
- N36-9 Folding machines. (Obsolete, see N36-8.)
- N36-10 Coding and decoding machines (ciphering and deciphering).
- N36-11 Tide-predicting and gauge machines.
- N36-12 Drafting-room supplies, instruments, tracing and van dyke cloth, blueprint, and van dyke paper.
- N36-13 Engraving and lithographing machines and equipment, plates, etc.
- N36-14 Safes and lockers.
- N36-15 Mail equipment.

**N37 FURNITURE, HOUSEHOLD.**

- N37-1 Carpets and rugs.
- N37-2 Bedding.
- N37-3 Shades.
- N37-4 Chairs, tables, beds, etc.
- N37-5 Refrigerators, ice boxes, etc.
- N37-6 Stoves and ranges.

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**N38 FURNITURE, NONHOUSEHOLD.**

- N38-1** Carpets and rugs.
- N38-2** Bedding.
- N38-3** Shades.
- N38-4** Chairs, tables, beds, etc.
- N38-5** Refrigerators, ice boxes, and display cases.
- N38-6** Stoves and ranges.

**N39 AIRCRAFT STATION EQUIPMENT.**

- N39-1** Station lighting.
  - Landing-field lights.
  - Landing-field flares.
  - Boundary lights.
  - Floodlights.
  - Wind-cone lights.
  - Ceiling projector lights.
  - Searchlights.
- N39-2** Miscellaneous equipment, aerial ladders, etc.

**N40 FUEL OIL TANKS AND CLEANING EQUIPMENT.**



## **PERSONNEL GROUP.**

- P1 Genealogy and identification.**
- P2 Preventive medicine.**
- P3 Medicine.**
- P4 Surgery.**
- P5 Dentistry.**
- P6 Death and casualties.**
- P7 Domestic relations.**
- P8 Social relations.**
- P9 Political relations.**
- P10 Amusement and recreation.**
- P11 Education.**
- P12 Religion.**
- P13 Misconduct and discipline.**
- P14 Appointment.**
- P15 Commendations, citations, and medals.**
- P16 Assignment and detail.**
- P17 Rank, precedence, and promotion.**
- P18 Attendance and absence.**
- P19 Separation.**
- P20 Performance.**
- P21 Morale.**

**P1 GENEALOGY AND IDENTIFICATION.**

- P1-1 Name.**
  - Alias.
  - Assumed.
  - Credentials.
  - Official signature.
  - Permission to change.
  - Service numbers.
  - Signal numbers.
  - Signature.
- P1-2 Residence.**
  - Address, change of.
  - Home.
  - Home address.
  - Residence, legal.
  - Residence, legal, change of.
  - Residence, physical.
  - Residence, temporary.
- P1-3 Age and birth.**
  - Age.
  - Birth, certificate.
  - Birth, date of.
  - Birthplace.
- P1-4 Race and citizenship.**
  - Alien.
  - Citizenship.
  - Citizenship, acquisition of.
  - Citizenship, expatriation.
  - Citizenship, loss of.
  - Citizenship, repatriation.
  - Citizenship, restoration of.
  - Emigration.
  - Exclusion of races.
  - Foreigners.
  - Immigration.
  - Language.
  - Nationality.
  - Native born.
  - Naturalization, eligible.
  - Naturalization, manner of.
  - Naturalization, noneligible.
  - Naturalization papers.
  - Naturalization qualifications.
  - Race.
- P1-5 Physical description.**
  - Appearance.
  - Cards of identification.
  - Description list.
  - Finger prints.
  - Identification charts and records.
  - Identification tags.
  - Letters of identification.
  - Outline finger cards.
  - Photographs of individuals.
  - Physical characteristics.

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**P1 GENEALOGY AND IDENTIFICATION—Continued.**

- P1-5 Physical description—Continued.**  
 Physical requirements for enlistment and promotion  
 (hale and hearty).  
 Physically deficient.  
 Scars.  
 Sex.  
 Systems of identification.  
 Tatoo marks.
- P1-6 Habits and character.**  
 Ambition.  
 Character.  
 Courageous.  
 Cowardice.  
 Dependability  
 Disposition (character).  
 Fear.  
 Financial responsibility (individual).  
 Habits and traits of character.  
 Loyalty.  
 Normal.  
 Physical habits.  
 Temperamental peculiarities.  
 Temperance.
- P1-7 Biography.**  
 Army deserters.  
 Criminal records.  
 Individual history.  
 Letters of introduction.  
 Personal records, method and form of keeping.  
 Records of past history.

**P2 PREVENTIVE MEDICINE**

- P2-1 Quarantine and quarantinable diseases** (others to be added  
 as legalized).  
 Bills of health.  
 Leprosy.  
 Plague.  
 Pratique.  
 Quarantine.  
 Quarantine regulations. (See A2-7.)  
 Restricted districts (quarantine).  
 Smallpox.  
 Typhus.  
 Yellow fever.
- P2-2 Segregation and communicable diseases.**  
 Communicable diseases.  
 Contagious diseases.  
 Epidemics.  
 Insect transmission.  
 Intestinal transmission.  
 Respiration transmission.
- P2-3 Prophylaxis.**  
 Asbestos gloves.  
 Cooties and fleas, etc., extinction of.  
 Cowpox vaccination.  
 Diphtheria antitoxin.  
 Disinfection.

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**P2 PREVENTIVE MEDICINE—Continued.**

- P2-3 Prophylaxis—Continued.**
  - Dust protectors.
  - Ear protectors.
  - Eyeglasses.
  - Eye protectors.
  - Fleas.
  - Foundry leggings.
  - Fumigation.
  - Infected clothing.
  - Inoculation.
  - Insect extermination.
  - Insects, prevention and restriction.
  - Mess gear, sterilization of.
  - Prevention of disease by chemical sterilization.
  - Prevention of disease by destruction of effects.
  - Prevention of disease by disinfection.
  - Prevention of disease by eye and ear protectors.
  - Prevention of disease by gas masks.
  - Prevention of disease by mechanical means.
  - Prevention of disease by steam sterilization.
  - Roaches, extermination of.
  - Rodents, extermination of.
  - Serumtherapy.
  - Tetanus antitoxin.
  - Typhoid vaccination.
  - Vaccination against other diseases.
  - Vermin extermination.

- P2-4 Hygiene.**
  - Accident and accident prevention.
  - Air pollution.
  - Exercises, physical (not athletics).
  - Hygiene.
  - Hygiene, personal.
  - Physiology.
  - Report of accident.
  - Restricted districts.
  - Safety first.
  - Sanitary inspection.
  - Sanitation.
  - Sanitation place of employment, employees.
  - Sex hygiene.

- P2-5 Physical examinations.**
  - Physical and mental condition, vision, height, chest measurement, weight and underweight, blood circulation.
  - Physical disability.
  - Physical tests.

**P3 MEDICINE.**

- P3-1 Diseases and injuries.**
  - Airsickness.
  - Asphyxiation.
  - Blood, diseases of.
  - Children's and infants' diseases.
  - Circulatory system, diseases of.
  - Color blindness.
  - Corpulency and obesity.

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**P3 MEDICINE—Continued.****P3-1 Diseases and injuries—Continued.**

Drug addictions.  
 Ductless glands, diseases of.  
 Ear diseases.  
 Epilepsy.  
 Eye diseases.  
 Famine.  
 Female diseases.  
 General diseases.  
 Genito-urinary (nonvenereal) diseases.  
 Group diseases.  
 Insane and insanity.  
 Mental diseases.  
 Mentally deficient.  
 Muscles (motor system) diseases.  
 Occupational diseases.  
 Pestilence.  
 Respiratory diseases.  
 Seasickness.  
 Smoking, habit of.  
 Syphilis.  
 Tropical diseases.  
 Tuberculosis.  
 Tumors and cancers.  
 Typhoid fever.  
 Venereal diseases.

**P3-2 Treatment.**

Anesthetics.  
 Baths (treatment).  
 Blood transfusion.  
 Complaints of treatment in hospitals.  
 Cripples, treatment of (other than loss of limbs).  
 Dietetics.  
 Families, medical treatment of.  
 First aid to the injured.  
 Gas and smoke remedial apparatus and treatment.  
 Hospital treatment.  
 Injuries, treatment of.  
 Malpractice.  
 Massage.  
 Medical expenses.  
 Medical treatment.  
 Medical treatment for Navy families.  
 Medicines.  
 Nursing.  
 Pharmacy.  
 Resuscitation.  
 Sick call.  
 Specialists, treatment by.  
 Supernumeraries, medical treatment.  
 Therapy.  
 Therapeutics.

**P3-3 Specialties.**

Chiropody.  
 Dermatology (skin diseases).  
 Electrotherapy.  
 Gynecology.  
 Homeopathy.

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**P3 MEDICINE—Continued.**

- P3-3 Specialties—Continued.**  
 Hydrotheraphy.  
 Neurology.  
 Obstetrics.  
 Ophthalmology.  
 Optometry.  
 Orthoepy.  
 Orthopedics.  
 Osteopathy.  
 Pediatrics.  
 Physiotherapy.  
 Psychiatry.  
 Radium treatment.  
 Roentgenology.  
 X-ray treatment.
- P3-4 Pathology.**  
 Bacteriology.  
 Chemistry.  
 Etiology.  
 Poisoning.  
 Poisons.  
 Toxicology.
- P3-5 Diagnosis and prognosis.**  
 Health records.  
 Medical surveys.
- P3-6 Nomenclature of diseases and injuries.**

**P4 SURGERY.**

- P4-1 Operations (surgical).**  
 General surgery.  
 Operations, major and minor (surgical).  
 Special surgery.  
 Wounded and treatment of wounded and accidentally injured, such as gas wounds, bullet wounds, burns.
- P4-2 Instruments (surgical).**
- P4-3 Artificial limbs.**  
 Artificial eyes.
- P4-4 Rehabilitation.**  
 Cripples, reconstruction of.  
 Wounded, reconstruction of.
- P4-5 Anatomy.**

**P5 DENTISTRY.**

- P5-1 Dental treatment.**  
 Gum diseases.  
 Tooth diseases.
- P5-2 Prosthetic dentistry.**  
 Teeth, artificial.
- P5-3 Oral surgery.**
- P5-4 X-ray treatment (dentistry).**

**P6 DEATH AND CASUALTIES.**

- P6-1 Casualties in action.**  
 Captured in action, reports of.  
 Casualties.  
 Deaths.
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**P6 DEATH AND CASUALTIES—Continued.**

- P6-1 Casualties in action—Continued.**  
 Killed in action.  
 Missing in action. (See P19-6.)  
 Prisoners (casualties in action).  
 Wounded, reports of.
- P6-2 Death.**  
 Accidental death.  
 Autopsy.  
 Death certificates.  
 Death in line of duty.  
 Drowning.  
 Suicide.  
 P6-1 and P6-2 can be combined under P6-2.
- P6-3 Remains.**  
 Complaints of condition of remains.  
 Corpses.  
 Cremation.  
 Dead, recovery of.  
 Disinfection of dead by ice.  
 Disposition of remains.  
 Embalming.  
 Remains.  
 Undertaking.
- P6-4 Burial.**  
 Casket.  
 Expenses.  
 Coffins.  
 Flags, covering coffins.  
 Funeral expenses.  
 Funerals.  
 Interments.  
 Pallbearers, honors, and escorts.  
 Removals and reinterment.  
 P6-3 and P6-4 can be combined under P6-4.
- P6-5 Memorials.**  
 Certification.  
 Windows.  
 Monuments.
- P6-6 Graves and markers.**  
 Assignment of cemetery plots.  
 Burial lots.  
 Cemeteries.  
 The acquisition, disposal, etc., of land for the purpose of "cemeteries" will be handled under N1-13.  
 All other correspondence relative to cemeteries will be handled under the above.  
 Graves.  
 Headstones, footstones, regulation.  
 Monuments and tombstones.
- P6-7 Condolences.**

**P7 DOMESTIC RELATIONS.**

Abandonment.  
 Alienation of affections.  
 Alimony.  
 Bachelors.  
 Beneficiaries.

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**P7 DOMESTIC RELATIONS—Continued.**

Breach of promise.  
 Children.  
 Common-law wife.  
 Correspondents (divorce cases).  
 Dependents.  
 Divorce.  
 Elopement (marriage).  
 Families.  
 Fathers.  
 Foster parents.  
 Guardians.  
 Heirs.  
 Husbands.  
 Maiden ladies.  
 Marriages.  
 Married or single.  
 Members of family.  
 Mothers.  
 Next of kin.  
 Nonsupport.  
 Offspring, attitude toward.  
 Orphans.  
 Relatives.  
 Relatives, name and addresses of.  
 Self-maintenance.  
 Servants of naval personnel.  
 Wards.  
 Widowers.  
 Widows.  
 Wives.

**P8 SOCIAL RELATIONS.****P8-1 Labor and labor unions.**

Blacklisting.  
 Boycott.  
 Child labor.  
 Complaints of wrong use of trades (crafts).  
 Complaints on shop committees.  
 Committees, shop.  
 Convict labor, complaints of use of.  
 Craft and trade restrictions.  
 Discrimination, labor.  
 Labor board reports.  
 Labor, supply of.  
 Labor unions.  
 Nonunion labor.  
 Peonage.  
 Rioting, labor.  
 Sabotage by labor.  
 Strikes, strikers, and strikebreakers.  
 Trade board reports on labor.  
 Trade (craft) conditions.  
 Trades for yards and ships.  
 Trade-unions.  
 Union labor.  
 Walkouts.

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**P8 SOCIAL RELATIONS—Continued.****P8-2 Associations and organizations and membership therein.**

Charitable.  
 Clubs.  
 Commercial.  
 Fraternal.  
 Historical.  
 Medical.  
 Moral.  
 Naval.  
 Navy-yard.  
 Patriotic.  
 Secret.  
 Technical.  
 Veteran.

List of various organizations by name is omitted. If considered necessary to file under specific organization, the name can be added or an arbitrary symbol be adopted.

**P8-3 Social affairs.**

Dinners.  
 Invitations.  
 Luncheons.  
 Receptions.  
 Social privileges.

**P8-4 Uniforms, discriminations against.****P8-5 Protests, petitions, remonstrances, and complaints.****P9 POLITICAL RELATIONS.****P9-1 Political affiliations.**

Conditions, political.  
 Leanings, political.  
 Patriotic rallies.  
 Political activities.  
 Political adherence or leanings.  
 Political associations.  
 Political campaigns.  
 Political contributions.  
 Political conventions.  
 Political demonstrations.  
 Political parties.  
 Political societies.  
 Political tendencies.  
 Soliciting for political purposes.

**P9-2 Political disturbances.**

Anarchy and anarchists.  
 Assassinations.  
 Bolshevism.  
 Bolshevist (individual).  
 Conspiracies.  
 Deportation or exile.  
 Depredations.  
 Insurrections.  
 Piracy.  
 Plots.  
 Rebellions.  
 Refugees.

**P9. POLITICAL RELATIONS—Continued.**

- P9-2 Political disturbances—Continued.**  
 Revolutions.  
 Secessions.  
 Seditious.  
 Socialists.  
 Sovietism.  
 Unlawful assemblies.  
 Uprising.
- P9-3 Voting.**  
 Elections, political.  
 Franchises and freedom.  
 Primaries.  
 Suffrage.  
 Voting disqualifications.  
 Voting qualifications.
- P9-4 Lobbying.**

**P10 AMUSEMENT AND RECREATION.**

- P10-1 Athletics.**  
 Athletic competitions.  
 Athletic competitions and rules.  
 Athletic entertainments.  
 Athletic outfits.  
 Baseball.  
 Basketball.  
 Bowling.  
 Boxing.  
 Fencing.  
 Football.  
 Golf.  
 Gunning and gun clubs.  
 Gymnastics.  
 Handball.  
 Hockey.  
 Jujutsu.  
 Lacrosse.  
 Olympic games.  
 Polo.  
 Prize fighting.  
 Rowing races.  
 Sailing races.  
 Sports.  
 Swimming.  
 Tennis.  
 Tickets.  
 Track and field sports.  
 Trophies (athletic).  
 Wall scaling.  
 Wrestling.
- P10-2 Dances and entertainments.**  
 Allowances for entertainments, enlisted men.  
 Dances.  
 Entertainments.  
 Motion-picture shows and commercial films.  
 Outings.  
 Shows.  
 Smokers.

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**P10 AMUSEMENT AND RECREATION—Continued.****P10-3 Games, other than athletic.**

Acey-ducey.  
 Billiards.  
 Cards, playing.  
 Checkers.  
 Chess.  
 Dominoes.  
 Pool.

**P10-4 Music and concerts.**

Concerts.  
 Music.  
 Musical airs.  
 Musical instruments.  
 Patriotic airs.  
 Patriotic songs.

**P11 EDUCATION.****P11-1 Educational system.**

Attendance at schools.  
 Certificates of attainment, graduation, etc.  
 Clinics.  
 Correspondence courses.  
 Courses of instruction.  
 Curriculum.  
 Degrees.  
 Diplomas.  
 Educational advisers.  
 Educational instructors.  
 Examinations as to mental development and progress  
 in schools.  
 Honor rolls.  
 Law courses.  
 Proficiency at school.  
 Reports on instruction.  
 Schedules of instruction.  
 Scholarships.  
 Syllabus.  
 Textbooks.  
 Training of personnel.  
 Tuition.

**P11-2 Libraries.**

Libraries, crew.  
 Libraries, ship.  
 Library methods.  
 Library routine.  
 Publications that make up libraries.

**P11-3 Essays, theses, lectures, poems.****P11-4 Exhibitions, expositions, fairs, museums, and exhibits.****P11-5 Foreign languages.****P12 RELIGION.****P12-1 Religion.**

Demonstrations (religion).  
 Religious organizations.  
 Religious orders.  
 Sects.

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**P12 RELIGION**—Continued.

- P12-2 Religious services.**  
 Divine services.  
 Religious ceremonies.  
 Religious instructions.  
 Religious publications.
- P12-3 Sabbath, observance of.**  
 For church structures see N4-7.

**P13 MISCONDUCT AND DISCIPLINE.**

- P13-1 Crimes; delinquencies; felonies; malicious acts; misdemeanors; offenses.**  
 Committed on shore; on authorized liberty.  
 Criminals; delinquents.  
 State of war; the United States being in a state of war.

**PARTICULAR OFFENSES**

- P13-2 Conduct; offenses against authority.**  
 Absence, offense. (See Straggling and desertion, P13.)  
 Animals, mistreatment of.  
 Arrest, escape, etc. (See Prisoners, P13.)  
 Cheating.  
 Civilians, inhabitants, ill treatment of; misconduct by  
 Concealed weapons, possession of.  
 Conspiracy. (See also P13 and Political relations.)  
 Contempt of court; disobedience; disrespect.  
 Drugs, narcotics, unlawful possession of; smuggling;  
 traffic in.  
 Drugs, narcotics, use of (offenses); drug addicts.  
 (See P3-1.)  
 Duty; disobedience of orders; inefficiency; misconduct on duty; negligence; sleeping on watch or post. (See also Liquor, use of.)  
 Evasion of military or naval service; conscientious objectors; draft dodgers; slackers.  
 False muster. (See Straggling and desertion, P13.)  
 Falsehood; false swearing (oath); perjury (false testimony, perjurers); suborn testimony (attempt).  
 Flag, disrespect to.  
 Fraudulent enlistment. (See Enlistment, P14).  
 Imposters; adventurers; false pretenses; impersonating an officer.  
 Liquor, alcoholic, unlawful possession of; introduction of; smuggling (smugglers); traffic in; bootlegging, bootleggers.  
 Liquor, alcoholic, use of; drunkenness; drunkenness on duty.  
 Misconduct; conduct to the prejudice of good order and discipline; disorderly; scandalous; unbecoming.  
 Mutiny; mutinous assembly; mutineers; failure to report; failure to do utmost to suppress; uttering mutinous words.  
 Nuisance.  
 Offenders, refusing or failing to use utmost exertions to detect, apprehend, and bring to punishment.  
 Quarantine, offenses in connection with.  
 Riot; affray; disorder; rout; unlawful assembly.  
 Sedition.
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**P13 MISCONDUCT AND DISCIPLINE—Continued.****PARTICULAR OFFENSES—Continued**

- P13-2 Conduct; offenses against authority—Continued.**  
 Sentinel or noncommissioned officer of a guard, offenses against; affront; disrespect to; interfering with; refusing obedience to order of. (See also Assault.)  
 Subordinates, offenses against; cruelty to; maltreatment of; oppression of subordinates. (See also Assault.)  
 Superior, offenses against; disrespect; insubordination; effort to weaken authority. (See also Assault.)  
 Treason; traitors.  
 Uniform, offenses in connection with. (See J.)
- P13-3 Money or money values, offenses or conspiracies involving.**  
 Bribery; graft.  
 Checks, worthless.  
 Counterfeiting.  
 Embezzlement; graft.  
 Extortion; blackmail; usury.  
 Forgery.  
 Fraud; false claim; fraudulent receipts; graft.  
 Gambling.  
 Shortages. (See L10, L11, L16.)  
 Theft. (See P13.)
- P13-4 Person, offenses against the. (See also Vice.)**  
 Assault.  
 Fighting (offense); duel; challenge; accepting challenge; quarreling; striking.  
 Hazing; water cure, etc.  
 Homicide; lynching; manslaughter; murder. (For attempted suicide, see P6-2.)  
 Injury; maiming (mayhem).  
 Shooting; careless handling of firearms; hasty shooting.
- P13-5 Property, offenses against.**  
 Arson (setting on fire); incendiaries.  
 Destruction or damage other than by fire; sabotage.  
 Embezzlement. (See P13-3.)  
 Shortages. (See L10, L11, L16, etc.)  
 Theft; theft of military property of United States.  
 By Navy personnel; by unknown parties.  
 Looting; loot.  
 Merchandise, commerce, offenses in connection with; illicit traffic; receiving on board without authority; smuggling. (See also Drugs, liquor, and vice.)  
 Piracy, pirates.  
 Private property.  
 Public property.  
 Arson (setting on fire).  
 Destruction or damage other than by fire; sabotage.  
 Theft (thieves); burglary; larceny; robbery (robbers); by Navy personnel; by unknown parties.
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**P13 MISCONDUCT AND DISCIPLINE—Continued.****PARTICULAR OFFENSES—Continued**

- P13-5 Property, offenses against—Continued.**  
Waste of public property.  
Unauthorized use of vehicles, boats, and other articles; "joy riding."
- P13-6 Vice, community.**  
Moral conditions of a community, or group, or locality.  
Prostitution, houses of.  
Traffic, illicit; other associated with vice.  
Traffic in women and children; white slavery.
- P13-7 Vice, personnel.**  
Assault with immoral intent.  
Bastardy; bigamy; polygamy.  
Immoral practices; cohabitation; lewd or indecent behavior; moral turpitude; sexual perversion; sodomy.  
Obscene language, photographs, reading matter.  
Offenses against Postal Service; foreign commerce; interstate commerce.  
Venereal diseases, concealing of. (See P3-1.)
- P13-8 Desertion; straggling.**  
Absence (offense); stragglers. (See also P18.)  
From command; over leave; without leave.  
From station and duty; over leave; without leave.  
Apprehension and delivery.  
By civil authorities; by civilians; rewards for.  
Guards for apprehended deserters, other than military.  
(For Military guards, see P13-5, P16-5; see also L20).  
Transportation of apprehended deserters with guards. (See also L20.)  
Desertion; attempted desertion.  
Aiding or enticing others to desert; receiving or entertaining a deserter.  
From ship about to sail on an extended cruise.  
In case of apprehension and delivery.  
In case of surrender.  
In execution of a conspiracy, or in the presence of an unlawful assembly which the naval forces may be opposing.  
In time of peace; in time of war.  
Removal of mark of desertion.  
Elopement of applicants for enlistment.  
False muster; answering for another at muster.  
Making good time lost by absence.
- P13-9 Discipline; punishment.**  
Confinement; deprivation of liberty; on shore on foreign station; imprisonment; hard labor; solitary confinement; bread and water.  
Death, punishment.  
Discharges, punishment.  
Dismissal, punishment.  
Extra duty, punishment.
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**P13 MISCONDUCT AND DISCIPLINE—Continued.****PARTICULAR OFFENSES—Continued****P13-9 Discipline; punishment—Continued.**

Letters of admonition; caution; censure; reprimand;  
public reprimand.

Limitation of punishment; schedule of offenses and  
limitation of punishment; correction; disciplinary  
measures.

Loss of numbers, punishment.

Loss of pay, punishment.

Reduction in rank, punishment.

Reduction in rating, punishment.

Suppression of lawlessness.

Suspension from promotion, punishment.

**P13-10 Prisoners; convicts.**

Apprehension of prisoners or convicts, rewards for.

Arrests; extending the limit of arrest; subsistence  
while under arrest.

Clemency; appeals.

Good conduct time allowance.

Pardons.

Probationers; suspension of sentences; parole.

Restoration to duty; restoration to military  
service.

Sentences; commutation of; mitigation of; re-  
mission of.

Bad-conduct discharge (BCD); mitigation  
of; remission of.

Dishonorable discharge; mitigation of; re-  
mission of.

Demerits, prisoners.

Escape; aiding or permitting to escape.

Escape; attempting to escape; breaking arrest,  
prisoners at large; outlaws.

Irons; handcuffing; shackles.

Misconduct of working parties of prisoners.

Mistreatment of prisoners.

Transportation of prisoners. (See Guards, other  
than military.)

**P13-11 Indebtedness.**

Neglecting to discharge pecuniary obligations.

**P14 APPOINTMENT.****P14-1 Application.**

Application for civil employment.

Calls for volunteers.

Candidate.

Inquiries relative to appointment.

Inquiries relative to vacancies.

Recommendations used in applying for appointment.

Reinstatement, requests for.

Tenders of service.

Testimonials used in applying for appointment.

Volunteers.

**P14-2 Appointment and employment.**

Acceptance of.

Active.

Age limit for civil.

Age limit for military.

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**P14 APPOINTMENT—Continued.****P14-2 Appointment and employment—Continued.**

Age limits, candidates for appointment as midshipmen.  
 Aliens, employment of.  
 Alternate.  
 Alternates (midshipmen).  
 Antedating.  
 Announcement of.  
 Appointment of members of family.  
 Appointment when other members of family are in the service.  
 Appointment to excepted positions.  
 Appointments to Naval Academy, number of.  
 Black list of appointees.  
 Cancellation of.  
 Certificates of eligibles.  
 Certification for.  
 Deaf mutes, employment of.  
 Debarment (employment).  
 Declaration of appointees.  
 Declinations of appointees.  
 Deficient on examination for.  
 Disabled, employment of.  
 Disqualifications.  
 Duplicate.  
 Eligibility for.  
 Entrance into service.  
 Examination for admission.  
 Examinations for announcement of.  
 Executive.  
 Females.  
 Gratuitous service.  
 Influence, use of, in obtaining.  
 Irregular.  
 Methods of.  
 Military preference.  
 Oaths of office.  
 Permanent.  
 Probational.  
 Provisional.  
 Qualifications for.  
 Reappointments.  
 Recalling of.  
 Recommendation for civil employment.  
 Reexamination for.  
 Refusals of.  
 Register of eligibles.  
 Reinstatement after military service.  
 Reinstatement, nominal.  
 Reporting of candidates for admission as midshipmen.  
 Request for authority to appoint.  
 Request for certification for.  
 Restoration to eligible list.  
 Restoration to service.  
 Retention in employment.  
 Statutory employees.  
 Substitute employees.

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**P14 APPOINTMENT—Continued.****P14-2 Appointment and employment—Continued.**

Temporary employees.  
 Vacancies.  
 Veterans' preference.  
 Women.

**P14-3 Enrollment.****P14-4 Enlistment.**

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 Apprentices, enlistment of.  
 Continuous service.  
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 Enlistment for practice cruises.  
 Enlistment papers.  
 Enlistment posters.  
 Extension of enlistment.  
 Fraudulent enlistment.  
 Inquiries regarding enlistment.  
 Minority enlistments.  
 Minors.  
 Muster in.  
 Parents' consent to enlistment.  
 Period of enlistment.  
 Permission to reenlist.  
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 Recruiting.  
 Recruiting quota.  
 Reenlistment.  
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 Special enlistment.  
 Stoppage of enlistment.  
 Reward to postmasters for enlistment applicants.  
 Under age enlistment.  
 Waivers (enlistment).

**P14-5 Commissions and warrants.**

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 Commissions.  
 Confirmations (commissions).  
 Nominations (commissions).  
 Recess appointments of commissions.  
 Recommissions (individuals).  
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**P14-6 Conscription.**

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 Draft of employees for military service; exemptions,  
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 Induction into service.  
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**P15 COMMENDATIONS, CITATIONS, AND MEDALS**

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 Bailey medals.

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**P15 COMMENDATIONS, CITATIONS, AND MEDALS—Cont.**

Buttons, honorable discharge.  
 Buttons, Naval Reserve.  
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 Certificates of merit.  
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 Distinguished flying cross.  
 Distinguished service.  
 Emergency assistance.  
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 Distinguished service medal (Navy).  
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 Life-saving medals.  
 Medal of honor roll.  
 Medals.  
 Medals, competitive for workers.  
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 Medals, manufacture of.  
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 Naval Reserve buttons.  
 Navy cross.  
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 Sharpshooters' medals.  
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**P16 ASSIGNMENT AND DETAIL****P16-1 Personnel strength and distribution.**

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 Reduction of force. (See P19-4.)  
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**P16 ASSIGNMENT AND DETAIL—Continued.**

- P16-2 Muster roll reports (personnel).**  
 List of employees.  
 Muster rolls.  
 Rosters.
- P16-3 Duty and detail.** (For general correspondence only; where relating to an individual to be handled under the individual's name.)  
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 Admirals' aides.  
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 Courier, detail of.  
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 Detached duty.  
 Detached for or from service with Army.  
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 Detachment.  
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 Detail, officer.  
 Duties and service.  
 Duties, assignment of.  
 Duty beyond continental limits of the United States.  
 Eligibility for detail.  
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 Foreign service.  
 Inactive duty.  
 Independent duty.  
 Inspection duty.  
 Instructors, detail as.  
 Liaison duty.  
 Loan of employees.  
 Mobilization duty.  
 Movement of personnel.  
 Officers attending conventions.  
 Outside employment of civilian personnel.  
 Outside employment of officers.  
 Precepts.  
 Range-finder operators, detail as.  
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 Relief from duty.  
 Report for duty.  
 Reporting for duty.  
 Reports of arrival and departure of individuals.  
 Reports of officer details.
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**P16 ASSIGNMENT AND DETAIL—Continued.**

- P16-3 Duty and detail—Continued.**  
 Request for active duty.  
 Return to duty.  
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- P16-4 Orders to personnel.** (General correspondence only; those to individuals to be handled under the name of the individual concerned.)  
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- P16-5 Special details of enlisted men.** (General correspondence only and not for the individual.)  
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 Detail of enlisted men (general subject only).  
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- P16-6 Navy Directory.**
- P16-7 List of officers of Navy and Marine Corps residing in District of Columbia** (social list).
- P16-8 War Slate.**

**P17 RANK, PRECEDENCE, AND PROMOTION.**

- P17-1 Rank and precedence.**  
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 Command.
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**P17 RANK, PRECEDENCE, AND PROMOTION—Continued.**

- P17-1 Rank and precedence—Continued.**  
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 Exercise of authority.  
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 Line titles.  
 Precedence.  
 Precedence between Regulars and Reserves.  
 Precedence of command, Army and Navy officers.  
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 Relative rank.  
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- P17-2 Promotion and demotion.**  
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 Disrating. (See P13-2.)  
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 Influence, use of, in obtaining promotion.  
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 Promotion of employees.  
 Promotion, suspension from.  
 Qualification for promotion.  
 Rating.  
 Ratings, reduction in. (See P13-2.)  
 Reclassification.  
 Reclassification of employees.  
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 Rerating employees.  
 Selection for promotion.  
 Testimonials used in obtaining promotions.
- P17-3 Official registers.**  
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 Federal.  
 Naval Reserve.  
 Navy.  
 Official Registers of United States (Bluebook).

**P18 ATTENDANCE AND ABSENCE.**

- P18-1 Leave, liberty, and absence.**  
 Absence due to accident or injury.  
 Absence due to misconduct. (See P13-2.)
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**P18 ATTENDANCE AND ABSENCE—Continued.**

**P18-1 Leave, liberty, and absence—Continued.**

- Absence for national guards.
- Absence for police duty.
- Absence, not in line of duty.
- Absence for voting.
- Absence for witness duty.
- Absence from duty, authority for.
- Absence from quarters.
- Absence without leave or permission. (See P13-1.)
- Absentees.
- Accrued leave.
- Computation of leave.
- Cumulative leave.
- Furlough.
- Hunting leave.
- Jury duty.
- Leave.
- Leave, authority to grant.
- Leave for special occasions, celebrations, etc.
- Leave of absence.
- Leave, reports of.
- Leave without pay.
- Military leave.
- Permission to leave the United States.
- Reports of leave.
- Retroactive leave.
- Sick leave.
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**P18-2 Hours of Labor.**

- Early closing.
- Eight-hour law.
- Holiday and Sunday work.
- Holidays and holiday greetings.
- Hours of work.
- Legal holidays.
- Lunch periods.
- Overtime.
- Overtime, Sundays and holidays.
- Religious holidays.
- Report of overtime.
- Special holidays.
- Sundays.
- Sundays and holidays overtime.
- Tardiness.
- Time checking.
- Time recording system.
- Time sheets and records.
- Use of time clocks.

**P19 SEPARATION (PERSONNEL).**

**P19-1 Discharge.**

- Bad conduct.
- Because of being physically unfit.
- Blanks, honorable discharge.
- Cancellation of enlistment.
- Certificate in lieu of lost discharge.
- Certificate of discharge.

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**P19 SEPARATION (PERSONNEL)—Continued.**

- P19-1 Discharge—Continued.**  
 Certificate of discharge, correction of.  
 Character of.  
 Date and place of.  
 Deserters.  
 Dishonorable.  
 Dismissal.  
 At expiration of term of enlistment.  
 By favor.  
 Final marks for.  
 By medical survey.  
 By purchase.  
 By reduction in force.  
 By secretary's order.  
 Expiration of enlistment.  
 For convenience of government.  
 For disability.  
 For fraudulent enlistment.  
 For good of the service.  
 For inaptitude.  
 For incompetence.  
 For minority.  
 For own convenience.  
 For sentence by civil court.  
 Holding beyond expiration of enlistment.  
 Honorable.  
 Of illiterates.  
 Of rejected recruits.  
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 Report of discharges.  
 Requests for.  
 Undesirable.  
 Without honor.  
 Without prejudice.
- P19-2 Retirement.**  
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 Computing retirement.  
 Voluntary retirement.  
 Transfers to Fleet Reserve.
- P19-3 Resignations.**
- P19-4 Demobilization.**  
 Muster out.  
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- P19-5 Disappearance.**
- P19-6 Separations for other causes.**  
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 Dropped from the service.  
 Eliminations (personnel).  
 Killed in action. (See P6-1 Casualties in action.)  
 Termination of appointments.  
 Transfer of civilian employees.  
 Transfer civilian employees requested from other departments.  
 Transfer to other military activities.
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**P20 PERFORMANCE.****P20-1 Manner of performance.**

Ability.  
 Deficiency.  
 Efficiency.  
 Honest and faithful performance of duty.  
 Inaptitude. (For Discharge, see P19-1.)  
 Industrious.  
 Inefficiency.  
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 Performance of duty.  
 Probation after poor performance.  
 Productiveness.  
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 Unsuitability.  
 Worth and worthiness.

**P20-2 Personnel records.**

Certificate of service.  
 Class standing.  
 Continuous service certificate.  
 Efficiency reports.  
 Fitness reports.  
 Flight records.  
 Gunnery records (enlisted men).  
 Personal record.  
 Quarterly marks.  
 Records of past service.  
 Records of service.  
 Records of service (quarterly marks, etc.)  
 Reports of fitness.  
 Service records.  
 Torpedo records (enlisted men).  
 War service certificates.  
 For heroic or distinguished acts, see P15, Commendations, etc.

**P21 MORALE.****P21-1 Welfare and welfare work.**

The term "morale" covers such activities as "domestic relations," "social relations," "amusement and recreation," "education," "religion," etc. These activities have been classified in this manual separately. It is often necessary, however, to treat all those collectively. For that reason the title "Morale" has been included and given a standard file number.

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## SHIPS MATERIAL GROUP.

- S1 Design of vessel.
- S2 Expense, administrative.
- S3 Inspection and planning.
- S4 Preparation (incident to building or in connection with overhaul period of vessels). Assist ship's force.
- S5 Molds.
- S6 Launching.
- S7 Docking.
- S8 Trials.
- S9 Blank.
- S10 Work incidental to other bureaus.
- S11 Hull, structural.
- S12 Hull fittings.
- S13 Armor protection.
- S14 Deck coverings.
- S15 Gasoline stowage and equipment.
- S16 Access.
- S17 Towers, masts, spars, cranes, and derricks.
- S18 Rigging and canvas.
- S19 Preservative coatings.
- S20 Winches and capstans.
- S21 Hydraulic power.
- S22 Steering and diving.
- S23 Auxiliary machinery.
- S24 Ship control.
- S25 Towing.
- S26 Mooring.
- S27 Cargo handling.
- S28 Designating.
- S29 Weight, stability, and integrity (seaworthiness).
- S30 Storerooms and miscellaneous stowage.
- S31 Spare parts.
- S32 Office and office equipment.
- S33 Living and berthing.
- S34 Messing.
- S35 Laundry.
- S36 Sanitation.
- S37 Medical.
- S38 Ventilation and heating.
- S39 Insulation and lagging.
- S40 Machinery plant.
- S41 Main propelling.
- S42 Reduction gear (main propelling machinery).
- S43 Shafting and bearings.
- S44 Propellers.
- S45 Lubrication.
- S46 Condensers.
- S47 Pumps.
- S48 Piping.
- S49 Compressed-air plant.
- S50 Auxiliary turbines.
- S51 Boilers.
- S52 Uptakes and smoke pipes.
- S53 Blowers (forced and induced draft).
- S54 Ash and coal handling and stowage.
- S55 Fuel-oil equipment and stowage.
- S56 Boiler feed-water equipment.
- S57 (Blank).
- S58 Distilling plant.
- S59 Refrigerating plant.

**SHIPS MATERIAL GROUP—Continued.**

- S60** Electric plant.
- S61** Electric power generators (other than electric drive).
- S62** Electric power distribution.
- S63** Electric power application.
- S64** Lighting.
- S65** Interior-communication apparatus.
- S66** Searchlights.
- S67** Radio apparatus.
- S68** Sound-signaling apparatus (underwater).
- S69** Electrical instruments (except fire control and those used as a part of interior-communication system).
- S70** Sight-signaling apparatus (intership).
- S71** Fire control.
- S72** Turrets.
- S73** Broadside guns.
- S74** Antiaircraft guns.
- S75** Torpedoes.
- S76** Mines and depth charges.
- S77** Gas and smoke warfare apparatus.
- S78** Ammunition.
- S79** Field and machine guns—small arms and equipment.
- S80** Gun batteries.
- S81** Mine, torpedo, bomb, and splinter protection (other than structural).
- S82** Boats.
- S83** Airplane handling and stowage on ships.
- S84** Balloon handling and stowage on ships.
- S85** Photography.
- S86** Instruction and practice apparatus.
- S87** Instruments not covered in other groups.
- S88** Damage control.
- S89** (Blank).
- S90** (Blank).
- S91** Workshops and stationary equipment on ships.
- S92** Tools and equipment, portable (not allocated under other heads).
- S93** Fire fighting (ship).
- S94** Salvage.

**S1 DESIGN OF VESSEL.**

- S1-1 Preparation of design, etc.**  
Chief characteristics.  
Design.  
Plans (drawings), preliminary.  
Specifications (new vessels), preparation of.  
Wave formation (general).
- S1-2 Ship models.**  
Ship models, test of, in model basin.  
Ship models, test of, in wind tunnel.
- S1-3 Plans, general.** (Plans for any particular part of the ship or apparatus will be treated as belonging therewith.)
- S1-4 Specifications, general.**
- S1-5 Specifications, detail.**
- S1-6 Changes from design of ships building.**
- S1-7 General information booklets and record of electrical appliances.**

**S2 EXPENSE, ADMINISTRATIVE.**

Allocable directly to the building, conversion, alteration, or repair of a single ship.

**S3 INSPECTIONS AND PLANNING**

- S3-1 Inspections.**  
Material inspections.  
Material readiness for war.  
Military (fleet or district commander).  
On change of commanding officer.  
On change of division heads.  
Quarterly.  
Reports of Board of Inspection and Survey.  
Reports of statutory surveys.  
Reports of yard board of estimates up to forwarding final action to yards by bureau concerned.
- S3-2 Estimates and drafting (planning).**  
Drafting not chargeable to a specific job order.  
Estimates for job orders.  
Estimates not chargeable to a specific job order.

**S4 PREPARATION (INCIDENT TO BUILDING OR IN CONNECTION WITH OVERHAUL PERIOD OF VESSELS). ASSIST SHIP'S FORCE.**

- Berthing.
- Cribbing.
- Scaffolding.
- Staging.
- Service charges in connection with work (air, light, electricity, water, etc.).

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**S5 MOLDS.**

Dies and jigs. (Obsolete, see S92).  
 Laying down in mold loft.  
 Lines and offsets.  
   Body plan.  
   Faired lines.  
   Half-breadth plan and sheer plan.  
   Mold-loft dimensions.  
   Molded offsets.  
 Molds and templates.  
 Patterns.  
 Special forms.  
 Bon jean curves.  
 Models for laying of plating.  
   Patterns and templates for temporary use for  
   repair or alteration jobs on hull and framing  
   to be charged on specific job order under  
   proper group number.

**S6 LAUNCHING.**

**S6-1** Preparation of ways.  
**S6-2** Launching.  
   Ceremonies.  
   Christening.  
   Draft and data.  
   Poppets.  
   Report of.  
   Sponsors.  
   Weights.

**S7 DOCKING.**

Docking for Navy (including routine docking work).  
 Docking for other than Navy. (See L11, 5, 6, 7,  
 and 8.)  
 Hauling out.  
 Underwater bottoms, inspection of.

**S8 TRIALS.**

**S8-1** Builders' Trials.  
**S8-2** Preliminary acceptance trials.  
   Backing.  
   Endurance.  
   Full-power.  
   Gun-firing tests (may also occur during final trial).  
   Progressive.  
   Speed.  
   Standardization.  
   Submergence.  
   Turning.  
   Work, uncompleted and unsatisfactory, statement of,  
   at time of trial.  
**S8-3** Commissioning trials.  
**S8-4** Final acceptance trials.  
   Work chargeable to contractor. Gun-firing tests (may  
   also occur during preliminary trial).  
**S8-5** Post repair trials.  
**S8-6** Laying-up trials.  
**S8-7** Dock trials (when not in connection with another trial).  
**S8-8** Tactical data.

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S9 (Blank.)

S10 WORK INCIDENTAL TO OTHER BUREAUS.

S11 HULL, STRUCTURAL.

S11-1 Plating (outside) and planking (outside).

Backing plates (side armor).  
 Bottom and side plating.  
 Built-in tanks when formed by shell plating.  
 Bulwarks.  
 Calking of outside plating.  
 Doubling plates for outside plating.  
 Fairwaters, shell plating.  
 Fairing plates.  
 Freeing ports, outside plating.  
 Inner shells, submarines.  
 Outside plating.  
 Planking on outside plating.  
 Shell expansion.  
 Shell plating.  
 Sheathing outside plating.  
 Stiffening pads.  
 Superstructure.

S11-2 Plating, inner bottom.

Bilge wells.  
 Built-in tanks when formed by inner bottom.  
 Double-bottom compartments (other than reserve feed).  
 Inner and double bottom compartments.  
 Pockets in inner bottom.  
 Tank tops, in general.

S11-3 Framing, transverse.

Floors.  
 Frames, belt.  
 Frames, bracket.  
 Frames, cant.  
 Frames, reverse.  
 Frames, transverse.  
 Frames, transom.  
 Frames, web.  
 Framing, bow.  
 Framing, stern.  
 Lower skeg.

S11-4 Framing, longitudinal.

Armor shelf.  
 Duct keels.  
 Fenders, side, fixed.  
 Flat keel.  
 Hooks, breast.  
 Hooks, stern.  
 Keels, bar.  
 Keels, bilge.  
 Keels, docking.  
 Keels, vertical.  
 Keelson, center line.  
 Keelson, side.  
 Longitudinals.  
 Rubbing strakes.  
 Stringers.

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**S11 HULL, STRUCTURAL—Continued.**

- S11-5 Bulkheads.**  
 Airtight, structural.  
 Brackets.  
 Cofferdam.  
 Corrugated.  
 Longitudinal.  
 Metal joiner.  
 Non-water-tight, structural.  
 Oiltight.  
 Pilaster.  
 Screens, wire mesh and expanded metal (including doors).  
 Splinter.  
 Stiffeners.  
 Swash.  
 Torpedo defense.  
 Transverse.  
 Water-tight.  
 Wing partitions.  
 Wood joiner.  
 Casings, protection and flame proof.  
 Plates, swash.  
 Tunnel, shaft.
- S11-6 Decks, platforms, flats, and holds.**  
 Battery deck.  
 Beams, deck.  
 Breakwaters.  
 Carlings.  
 Coamings, deck.  
 Deck camber or crown.  
 Deck, forecastle.  
 Deck, hangar.  
 Deck, poop.  
 Flats.  
 Flying deck.  
 Girders, deck.  
 Limber holes.  
 Platforms, structural.  
 Plating, deck.  
 Stringer angles, deck.  
 Stringer plates, deck.  
 Waterways.
- S11-7 Special partitions, inclosures, and trunks, as listed.**  
 Cofferdams.  
 Deckhouse structures.  
 Hatch casing or trunk, machinery.  
 Hatch casing or trunk, uptake, boiler, and fireroom.  
 Pipe and wiring passages.  
 Pipe tunnels and trunks.  
 Trunk, access.  
 Trunk, dynamo room.  
 Trunk, evaporator room.  
 Trunk, fireroom.  
 Trunk, torpedo room.
- S11-8 Structural castings and forgings.**  
 Bow cap.  
 Counter castings.  
 Fairwater castings.
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**S11 HULL, STRUCTURAL—Continued.**

- S11-8 Structural castings and forgings—Continued.**  
 Propeller strut casting.  
 Rudder-post casting and stern casting.  
 Rudder-post forging and stern forging.  
 Stem forging.  
 Stern casting.
- S11-9 Structural pillars and stanchions.**  
 Deck stanchions and pillars.  
 Pillars.  
 Stanchions, beam.  
 Stanchions, hull.
- S11-10 Structural blisters and bulges.**
- S11-11 Midship sections and transverse sections.**
- S11-12 Foundations for auxiliaries under construction and repair.**
- S11-13 Foundations, machinery (engineering).**
- S11-14 Foundations, guns, turrets, and armor (ordnance).**
- S11-15 Foundations, torpedo.**
- S11-16 Structural work above communication platform, bridges, bridge decks, etc.**

**S12 HULL FITTINGS.**

- S12-1 Mooring and towing fittings.**  
 Bits and foundations.  
 Bull nose.  
 Chain pipes and bucklers.  
 Chocks and foundations.  
 Cleats and foundations.  
 Hawse pipe and bucklers.  
 Hawse pipe covers.  
 Staples, mooring.  
 Towing shackle, bow (submarines).  
 Tumbling block.
- S12-2 Rail and awning stanchions and life rails.**  
 Canopy frames.  
 Fittings, rail, ridge, and awning stanchions.  
 Guard rail and irons  
 Jack rod and eyes, awning.  
 Lines, life.  
 Nettings, side, for life line.  
 Rails, pin.  
 Sockets, rail, ridge, and awning stanchion.  
 Spreaders and ridge bars, awning.  
 Stanchions and rail, life.  
 Stanchions, awning.  
 Stanchions, ridge.
- S12-3 Light openings.**  
 Airport scoops.  
 Airport scoops, light excluding (combined).  
 Airports.  
 Deadlight covers.  
 Deadlights.  
 Deck lights.  
 Fixed lights.  
 Skylights.  
 Ventilating deadlights (light excluders).  
 Windows.

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**S12 HULL FITTINGS—Continued.**

- S12-4 Hardware (parts of hull).**  
 Bolts, deck.  
 Bolts, eye, ring, and pad eyes.  
 Bolts, Lewis, Baxter, deck socket.  
 Locks and keys and tags (not otherwise covered).  
 Miscellaneous hardware (parts of hull).  
 Rivets.  
 Screws lag.
- S12-5 Special hull fittings (as listed).**  
 Beam clamp.  
 Boat guards.  
 Casing around pipes (removable).  
 Davits and fittings (hatch, side ladder, portable).  
 Diving plane guard (submarine).  
 Fairleads, not listed.  
 Jack rods and jack-rod eyes (other than awning).  
 Life buoys and life-buoy stowage.  
 Lifting eye at stern (on submarines).  
 Lifting pads (on submarines).  
 Lifting shackle (on submarines).  
 Lugs, lifting (on submarines).  
 Ornaments, bow and stern.  
 Outriggers.  
 Palisades.  
 Propeller guards.  
 Protectors, hull (zinc and steel).  
 Rods, grab.  
 Sea steps.  
 Sea steps and davit steps.  
 Strips, chafing, for boat falls.  
 Water sheds, other than turret.
- S12-6 Outboard fittings and outboard profile (general).**

**S13 ARMOR PROTECTION.**

- S13-1 Armor, general.**  
 Chill.  
 Defective armor, spalls.  
 Homogeneous.  
 Light.  
 Neuman bands.  
 Noncemented.
- S13-2 Armor, side.**  
 Belt.  
 Casemate (upper, lower, and gunport).  
 Penetration of.  
 Reentrant port.  
 Sloping (unless connected with some other type of armor).  
 Sponson.
- S13-3 Armor, athwartship.**  
 Bulkhead.  
 Diagonal.  
 Triangular.
- S13-4 Armor, turret and barbette.**  
 Plates, back.  
 Plates, face.  
 Plates, port.
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**S13 ARMOR PROTECTION—Continued.**

- S13-4 Armor, turret and barbette—Continued.**
  - Plates, side.
  - Plates, top.
  - Range-finder hook.
  - Sight holes.
  - Sight hoods and covers.
- S13-5 Armor, conning-tower and fire-control (including conning tower tubes).**
  - Armor, fire-control station.
  - Covers and shutters for peep and sight holes.
  - Peep holes (conning-tower armor).
  - Sight holes (conning-tower armor).
  - Tubes, armored.
- S13-6 Armor, deck (nonstructural).**
  - Deck plates (armor).
- S13-7 Armor, uptake and ventilation and armored trunks.**

**S14 DECK COVERINGS.**

- S14-1 Wood.**
  - Deck planking.
  - Dumping boards.
  - Tank top covering in cargo holds.
  - Wood gratings.
  - Wood shutters.
- S14-2 Composition and proprietary.**
  - Asphaltum.
  - Cement.
  - Mastic.
  - Plastic.
  - Sand.
  - Tiling.
- S14-3 Linoleum, etc.**
  - Canvas.
  - Linoleum.
  - Matting.
- S14-4 Deck treads.**
  - Treads, nonslipping and safety.
  - Chafing plates, deck.
- S14-5 Metal covering.**

**S15 GASOLINE STOWAGE AND EQUIPMENT.**

- Tanks.
- Gauges.
- Drums.
- Gasoline compartments.
- Hose.
- Filters and separators.
- Strainers.
- Meters.

**S16 ACCESS.**

- S16-1 Compartment and access plan and general access correspondence.**
- S16-2 Water-tight doors, hatches, manholes, and scuttles.**
  - Hatch, battle cover (metal).
  - Plates, portable (water-tight).
  - Ports, cargo.

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**S16 ACCESS—Continued.**

- S16-3 Non-water-tight doors, hatches, manholes, and scuttles.**  
 Doors, air-tight.  
 Doors, joiner.  
 Doors, splinter or protective.  
 Plates, portable, non-water-tight.
- S16-4 Ladders, landing gratings, and hatch gratings.**  
 Gangway, ship's.  
 Grating supports.  
 Gratings, machinery spaces.  
 Ladders, davit.  
 Ladders, jacob.  
 Ladder, treads.  
 Rails, grab.  
 Rails, hand.  
 Ropes, man (ladder).  
 Rounds, ladder.  
 Screens, ladder.  
 Stairways.  
 Walking flats.
- S16-5 Elevators.**  
 Dumb-waiters.  
 Safety devices (elevator).
- S16-6 Special access (as listed hereunder):**  
 Airlocks.  
 Escape lock.  
 Floor plate.  
 Floor-plate supports.  
 Foot rails (turret and smokestack).  
 Operating gear, fittings, and gaskets for armor doors and hatches (the armor doors and hatches themselves are carried under S13).  
 Platforms, working.  
 Stages, cleaning and painting.
- S16-7 Operating gear, fittings, and gaskets (general correspondence; see note).**  
 Operating gear, fittings, and gaskets for doors, hatches, etc., go with the door or hatch to which they belong, except those for the armor doors and hatches, which will be carried under S16-6 (the armor doors, etc., themselves are in S13 Armor protection). Doors (wire-mesh and expanded-metal) are included in S11-5 with wire-mesh and expanded-metal bulkheads. Ammunition-passing scuttles are included in S78, Ammunition handling, etc. Boiler manholes are under S51, Boilers. Turret doors and hatches are under S72-1.

**S17 TOWERS, CRANES, DERRICKS, MASTS, AND SPARS.**

- S17-1 Towers, cranes, and derricks.**  
 Booms, boat and fittings.  
 Booms, cargo and fittings.  
 Booms, coaling and fittings.  
 Booms, derrick and fittings.  
 Booms, propeller and fittings.  
 Booms, sound and fittings.  
 Coaling towers.  
 Cranes and gear complete, airplane (for handling over the side).
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**S17 TOWERS, CRANES, DERRICKS, ETC.—Continued.**

- S17-1 Towers, cranes, and derricks—Continued.**  
 Cranes and gear complete, boat.  
 Derricks and fittings.  
 Gin pole.  
 King posts.  
 Lifting gear for taking patients on board ship.  
 Lifting gear for submarines.  
 Shear legs.

- S17-2 Masts and spars.**  
 Bowsprits.  
 Flagstaffs, sockets, and fittings.  
 Gaffs.  
 Jib booms.  
 Mast head heights.  
 Masts, cage, and fittings.  
 Masts, hinged, and fittings.  
 Masts, tripod.  
 Masts, metal, wood, and fittings.  
 Masts, mooring, and fittings.  
 Masts, telescopic and fittings.  
 Yards.

Anchor cranes are under S26-5, Mooring. Hatch cranes are under S27, Cargo handling. Torpedo cranes are under S75-3, Torpedo handling.

**S18 RIGGING AND CANVAS.**

- S18-1 Rigging.**  
 Blocks and falls (except boat).  
 Boatswain's chair.  
 Fenders, rope, cane, wood, cork (portable).  
 Gratings, rope.  
 Halyards.  
 Insulators. (See S67 for Insulators radio antenna.)  
 Lightning conductors.  
 Lines, clearing.  
 Lines, clothes.  
 Lockers, boatswain.  
 Nets, life (other than side nettings for life lines).  
 Ratline rods.  
 Rigging, running (wire, hemp, and manila), including blocks, thimbles, and other fittings.  
 Rigging, standing (wire, hemp, and manila), including thimble and other fittings.  
 Rope (wire, hemp, manila) for falls and other tackle throughout the ship.  
 Ropes, dip (collision mats).  
 Shrouds.

- S18-2 Canvas.**  
 Awnings.  
 Bags.  
 Bloomers, canvas, gun.  
 Bunk bottoms.  
 Chutes, ash and coal.  
 Covers (gun).  
 Covers (other than gun).  
 Curtains, gun-port.  
 Curtains, side.

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**S18 RIGGING AND CANVAS—Continued.**

- S18-2 Canvas—Continued.**
  - Hoods.
  - Mats, collision.
  - Mats, punch.
  - Sails.
  - Tarpaulins.
  - Weather, cloths.
  - Wind sail.

**S19 PRESERVATIVE COATINGS.**

- S19-1 Painting.**
  - Bituminous and similar solutions, enamels, and cement.
  - Cement and cork.
  - Cement filling (for watercourses, etc.)
  - Cement wash.
  - Painting, cork.
  - Painting, joiner work, furniture, locker, etc.
  - Painting, machinery and hull fittings, and ordnance outfit.
  - Painting, outside except that below load water line when in connection with docking.
  - Painting, structural, inside.
- S19-2 Galvanizing.**
- S19-3 Plating.**
  - Nickel, silver, copper, tin, etc.
- S19-4 Preparation processes.**
  - Pickling, cleaning, etc.
- S19-5 Special processes.**
  - Oxidizing and other.
- S19-6 Temporary preservative coatings.**
  - Fuel-oil coatings, etc.
  - Tallow, linseed oil, proprietary compound.
  - Zinc dust.
- S19-7 Camouflage.**
  - Design, etc.
- S19-8 Oil and water stop compound.**

**S20 WINCHES AND CAPSTANS.**

Winches, if used with cranes, will be known as "Boat or plane handling machinery" and be filed with the cranes. Periscope winches will be filed with the periscope.

**S21 HYDRAULIC SPEED GEARS.**

General correspondence only will be taken care of under this group. When in connection with any specific apparatus or system the hydraulic power will be considered as belonging therewith.

**S22 STEERING AND DIVING.**

- Automatic steering-gear control (gyro-pilots).
- Brake, steering-gear.
- Diving rudder, gear, and spare parts.
- Hydraulic cylinders and rams (for operating rudders).
- Hydraulic speed gear for rudder control.

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**S22 STEERING AND DRIVING—Continued.**

Hydroplane (rudder).  
 Leads, steering.  
 Magnetic clutch, steering and diving (submarine).  
 Motors and motor control for rudder control.  
 Piping and valves.  
 Pumps.  
 Ram.  
 Ropes, transmission and steering.  
 Rudder.  
 Rudder bearings.  
 Rudder crosshead, yoke or quadrant.  
 Rudder filling.  
 Rudder frame.  
 Rudder plating.  
 Rudder stock.  
 Screw steering gear.  
 Skeg.  
 Stands, steering.  
 Steering engines and spare parts.  
 Steering gear, hand.  
 Steering gear and spare parts.  
 Steering machinery compartments.  
 Steering wheel and control stand.  
 Stops, automatic and adjustable, on ship-control gear.  
 Telemotors (steering gear).  
 Tiller.  
 Tiller room.  
 Tiller ropes.  
 Transmission shafting for steering gear.

**S23 AUXILIARY MACHINERY.**

General correspondence only will be treated under this group (when auxiliary machinery is treated as a whole).

**S24 SHIP CONTROL.**

**S24-1 Conning tower (except armor).**  
 Fairwaters, conning tower.  
 Foundations, conning tower.  
**S24-2 Lookout stations (crow's nest, etc.).**  
**S24-3 Chart and pilot house.**  
**S24-4 Secondary control or battle station.**  
**S24-5 Control rooms on submarines.**  
 Maneuvering room.  
**S24-6 Bridges.**  
 Bridge canopy.  
 Bridge freeing ports.  
 Bridge screen.  
 Chart-house bridge or platform.  
 Conning bridge or platform.  
 Emergency bridge or platform.  
 Flying bridge.  
 Navigating bridge or platform.  
 Piloting bridge or platform.

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**S24 SHIP CONTROL—Continued.****S24-6 Bridges—Continued.**

Signal bridge or platform.  
Walkway, conning tower.  
Windshield (bridge fitting).

**S24-7 Navigational instruments.**

Alidades.  
Anemometers, masthead.  
Artificial horizon.  
Azimuth circles (except on periscopes).  
Azimuth instrument.  
Barometers (meteorological).  
Binnacles, complete and metal covers.  
Binoculars and spyglasses (navigational).  
Chronometers.  
Chronometer boxes and transporting cases.  
Clinometers (heeling indicator).  
Clocks and watches.  
Compass, gyro, master.  
Compass, magnetic.  
Course recorder.  
Dead reckoning tracer equipment.  
Depth gages.  
Dip circle.  
Drawing boards and instruments.  
Gyrocompass repeater.  
Hygrometer.  
Instruments, magnetic.  
Latitude and longitude indicator.  
Leads and lead lines.  
Logs, patent, taffrail, and electric.  
Manometers, aneroid.  
Peloruses and stand.  
Planimeters.  
Pneumercators and boards (draft).  
Protractors.  
Psychrometer and case.  
Reading glass, captain's.  
Rulers, parallel.  
Sextants, navigating.  
Sounding machine and apparatus.  
Sounding machine, electric.  
Stadimeters.  
Tapes, steel.  
Telescopes, ship's and stand.  
Thermometers (meteorological).  
Torpedo-boat watches and transporting cases.  
Triple chronometer box.  
Watches, stop.

**S24-8 Navigational, foundations, and fittings.**

• Bells, ship's, watch and fog and hangers for.  
Chart boards fixed and portable.  
Fog horn (portable and mechanical).  
Lockers, chart.  
Megaphones.  
Platforms, leadsman and sounding.  
Tables, chart.

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**S24 SHIP CONTROL—Continued.**

- S24-9 Periscope (navigational).**  
 Antiscopes.  
 Azimuth circles (periscope, navigational).  
 Course detector periscope.  
 Dry air motor and pump.  
 Dry air motor (periscope, navigational).  
 Dry air motor circulating machine (periscope, navigational).  
 Fairwaters (periscope, navigational).  
 Stadimeter attachment for periscopes.  
 Turning and housing gear (periscope, navigational).  
 Turning and housing gear and hoisting winch.
- S24-10 Surveying instruments and outfits.**
- S24-11 Airplane control station (flight deck control station).**  
 Aviation observation station.
- S24-12 Towing spars.**

**S25 TOWING AND APPLIANCES.**

- Bridles.  
 Foundations and stiffeners for towing engines and gear.  
 Hawser, towing (wire and manila rope).  
 Towing engine, motors and spare parts.  
 For gear and fittings not included, see S12, Hull fittings; S18, Rigging; S48, Piping.

**S26 MOORINGS AND APPLIANCES.**

- S26-1 Machinery (mooring).**  
 Anchor engine.  
 Gypsy, electric (windlass).  
 Gypsy, head, gypsies (windlass).  
 Hydraulic speed gear, mooring machinery.  
 Motors and motor control (mooring machinery).  
 Wildcats.  
 Windlass.
- S26-2 Anchors.**
- S26-3 Chains.**  
 Anchor cables.  
 Anchor chain.  
 Shackles and swivels.  
 Shackling tools.
- S26-4 Ropes, lines, and reels.**  
 Dip rope (used in handling anchors).  
 Hawser reels, mooring.  
 Heaving lines.  
 Mooring and warping lines, wire and manila.  
 Pendants, clear hawse.
- S26-5 Foundations, accessories, and stowage (mooring).**  
 Anchor bars and stowage.  
 Anchor beds.  
 Anchor buoys.  
 Anchor cable cutter.  
 Anchor davits and cranes and gear complete.  
 Billboards, anchor.  
 Chain controllers.  
 Chain stoppers.  
 Chain tierer.  
 Clear hawse davits.

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**S26 MOORINGS AND APPLIANCES—Continued.**

**S26-5 Foundations, accessories, and stowage—Continued.**

- Compressors, chain.
- Grappels.
- Hooks, buoy grapnel (mooring).
- Hooks, pelican (mooring).
- Housing stoppers.
- Mooring tools.
- Tripping gear.
- Chain lockers.

**S26-6 Windlass room.**

For wiring, see S62, Electric power distribution.  
 For gear and fittings, not included in above, see  
 S12, Hull fittings; S18, Rigging; and S48, Piping.

**S27 CARGO HANDLING AND APPLIANCES.**

- Buckets, clamshell.
- Cargo hatch davit and crane and gear complete.
- Cargo mats.
- Nets, cargo.

For gear and fittings, not included in above, see  
 S12, Hull fittings; S17, Towers, masts, cranes, and  
 derricks; S18, Rigging; S48, Piping. For wiring, see  
 S62, Electric power distribution.

**S28 DESIGNATING.**

**S28-1 Designation.**

- Change in type or class of ship (conversion).
- Class of ship.
- Type of ship.

**S28-2 Nomenclature.**

Name or number of ship, assignment, and change of.

**S28-3 Labeling (marking).**

- Marking for circuits (paintings and tagging).
- Marking of piping, air ducts, etc. (color scheme,  
 labels, tags).
- Tagging.

**S28-4 Distinguishing marks.**

- Distinguishing plates.
- Masthead shapes.
- Ship's name, distinguishing numerals (on ship).
- Ship's name, identification, figures and letters.
- Smoke pipe figures, paint bands, etc.

**S28-5 Historical data plates.**

War-service plates on free-lease vessels.

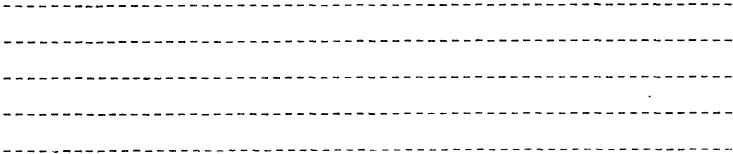
**S28-6 Draft marks and gauges.**

- Bench marks (on ship).
- Dead flat mark (on ship).
- Plimsoll marks.
- Internal draft gauges.
- Load-line marks.

**S29 WEIGHT, STABILITY, AND INTEGRITY (SEAWORTHINESS).**

**S29-1 Weight, displacement, and stability.**

- Ballast.
- Buoyancy compartment.
- Calibration or capacity of tanks and bunkers.
- Auxiliary.



**S29 WEIGHT, STABILITY, AND INTEGRITY—Continued.**

- S29-1 Weight, displacement, and stability—Continued.**  
 Ballast.  
 Bunkers.  
 Buoyancy.  
 Compensating (WRT and WRM).  
 Equilibrium or adjusting.  
 Oil and water separating tank.  
 Oil tank.  
 Peak.  
 Regulating.  
 Safety.  
 Trimming.  
 Compensation curve.  
 Damage control. (See S88).  
 Draft diagram.  
 Load condition.  
 Metacentric height.  
 Ullage table.  
 Weights, estimated.  
 Weights, returned finished.
- S29-2 Draft and trim.**  
 Freeboard.  
 Immersion.  
 Waterline.
- S29-3 Inclining experiment.**  
 Booklet of.  
 Telescopic clinometer.
- S29-4 Stabilizing devices and gear.**  
 Antirolling tanks.  
 Foundations for.  
 Gyro stabilizers.  
 Stabilizers, motors, and motor control.
- S29-5 Rolling and pitching.**  
 Roll and pitch recorder.
- S29-6 Workmanship (general correspondence only).**  
 Brazing.  
 Flanging.  
 Stapling.  
 Welding.
- S29-7 Strength of hull.**  
 Strength calculations and curves.
- S29-8 Tightness, water, oil, air, and gas.**  
 Tests of compartments and structure for. (Includes piping and valves.)
- S29-9 Hogging and sagging.**
- S29-10 Riveting and bolting (general correspondence only).**
- S29-11 Tonnage.**  
 Certificate.  
 Certificate of admeasurement.  
 Data.  
 Gross.  
 Net.

**S30 STOREROOMS AND MISCELLANEOUS STOWAGE**

- S30-1 Storerooms and store-issuing rooms.**  
 Animal pens.  
 Band room.

**S30 STOREROOMS AND MISCELLANEOUS STOWAGE—Con.**

- S30-1 Storerooms and store-issuing rooms—Continued.**  
 Canteen.  
 General cargo spaces.  
 Lamp room.  
 Lucky bags.  
 Paint, paint-mixing and oil rooms.  
 Radio.  
 Receiving room.  
 Ship service room.  
 Survey rooms.
- S30-2 Gasoline stowage.** (Obsolete, see S15, "Gasoline stowage and equipment".)
- S30-3 Special storage or stowage arrangements.**  
 Chests, deck.  
 Containers.  
 Deck stores stowage.  
 Drums.  
 Miscellaneous inflammable articles.  
 Oar racks.  
 Provisions.  
 Vegetables.
- S30-4 Kerosene (bulk stowage).**
- S30-5 Alcohol (bulk stowage).**  
 Tool-issuing rooms are classed under S91, Workshops. General mess-issuing rooms are classed under S34, Messing. Cold-storage rooms are classed under S59, Refrigerating plant.

**S31 SPARE PARTS.**

- S31-1 Engineering.**  
**S31-2 Construction and repair.**  
**S31-3 Ordnance.**  
**S31-4 Navigation.**  
**S31-5 Supplies and accounts.**  
**S31-6 Medicine and surgery.**

**S32 OFFICE AND OFFICE EQUIPMENT.**

- S32-1 Fleet and administrative offices.**  
 Admiral's.  
 Captain's.  
 Chaplain's.  
 Engineer officer's.  
 Executive's.  
 First Lieutenant's.  
 Gunnery officers'.  
 Medical officers'.  
 Navigators'.  
 Supply officer's.
- S32-2 Post office.**  
**S32-3 Printing office.**  
**S32-4 Communication office.**  
**S32-5 Deck office.**  
**S32-6 Laboratories and testing rooms (powder, engineers, aerological, etc.).**  
**S32-7 Band room.**  
**S32-8 Special offices not classified above.**
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**S32 OFFICE AND OFFICE EQUIPMENT—Continued.**

- S32-9 Office equipment** (general correspondence; see note).  
 Bookcases.  
 Bulletin boards.  
 Cabinets (filing, stationery, plan, safe, and card index).  
 Chairs, office.  
 Counter, stamp table.  
 Desks (flat-top, typewriter, and standing).  
 Drawers, shelves, racks, and hooks.  
 Keyboards and keyboxes.  
 Liberty boards.  
 Lockers (clothes, instrument, key, athletic gear).  
 Mail boxes and bags.  
 Printing machinery and outfit.  
 Pulpit, portable.  
 Safes and lockers (confidential, secret code, and secret intelligence.)  
 Ship's seal.  
 Slats (overhead) for plan stowage.  
 Sorting table for post office.  
 Stationery and office supplies.  
 Stools, office.  
 Typewriters, adding machines, multigraph, stencil cutting machines, and other labor-saving devices.  
 Uniform boards.

**S33 LIVING AND BERTHING.**

- S33-1 General arrangement and joiner plans.**  
**S33-2 Officers' quarters.**  
 Cabins.  
 Dining cabins.  
 Mess room (officers').  
 Reception rooms.  
 Staterooms.  
 Wardrooms.  
**S33-3 Chief petty officer's quarters.**  
 Mess rooms.  
 Staterooms.  
**S33-4 Crew's quarters** (including petty officers' quarters).  
 Ladies' retiring room.  
 Reception and reading room.  
**S33-5 Utility spaces.**  
 Prisons and detention cells (brig).  
 Shoe-repair shop.  
 Tailor shop.  
**S33-6 Living and berthing equipment** (general correspondence; see note).  
 Bedsteads.  
 Benches, crew's rest and recreation.  
 Berths.  
 Bookcases (except office).  
 Cabinets, china.  
 Cabinets, silver.  
 Carpets.  
 Chairs (except office).  
 Clothes-hanger rods.
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**S33 LIVING AND BERTHING—Continued.****S33-6 Living and berthing equipment—Continued.**

Cots.  
 Covers, chair and cushion.  
 Covers for hammock mattresses and hammock pillows.  
 Curtains and curtain rods.  
 Ditty boxes.  
 Ditty-box racks.  
 Furniture, built-in (except office and medical).  
 Furniture, portable (except office and medical).  
 Hammock and hammock bags.  
 Hammock stowage.  
 Hand and leg irons.  
 Hooks, hammock.  
 Life preservers, belt, and jackets, including stowage.  
 Linen, bedding (except covers for hammock mattresses and hammock pillows).  
 Lockers, built-in (except office and medical).  
 Lockers (clothes, oil skins, etc.).  
 Lockers, portable.  
 Mats.  
 Mattresses.  
 Mirrors and toilet fixtures.  
 Mosquito net frame, cot.  
 Pillows (kapok, feather, and hair).  
 Racks, table-leaf.  
 Rails, bag.  
 Rugs.  
 Sewing machines.  
 Shoe-repairing outfits.  
 Sofas.  
 Table covers.  
 Toilet sets, stateroom ewer, washbowl, waste jar, ring and catches, lavatory boards.  
 Transom cushions (ship).  
 Transom pillow.  
 Wash basins.

**S34 MESSING.****S34-1 Commissary spaces.**

Bakery.  
 Bread room.  
 Butcher shop.  
 Food-service room.  
 Galley, kitchen, diet kitchen.  
 General mess-issue room.  
 General mess pantry.  
 Pantries.  
 Potato-peeler room.  
 Scullery.

**S34-2 Commissary equipment (general correspondence; see note).**

Bake oven, oil or coal burning and electric, and spares.  
 Baskets, dishwater.  
 Boilers, coffee.  
 Boxes, coal, galley.  
 Bread boxes.

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**S34 MESSING—Continued.****S34-2 Commissary equipment—Continued.**

Bread proofers, steam.  
 Buckets, drain, commissary.  
 Cooking utensils.  
 Dish-washing machines.  
 Dough-mixing machines.  
 Dough troughs.  
 Dressers and shelving, messing.  
 Fireless cookers.  
 Food trucks.  
 Galley range, oil or coal burning and electric, with  
   spare parts for.  
 Glassware.  
 Ice-cream freezers.  
 Kettles, steam-jacketed.  
 Kitchen and cake machines.  
 Lockers, abandon ship.  
 Lockers, drawers, and hooks, commissary.  
 Lockers, vegetable.  
 Meat blocks and cutting tables.  
 Meat grinders.  
 Mess gear.  
 Mess tables and benches.  
 Mess tables and bench stowage.  
 Milk machines.  
 Napkins.  
 Oil tank and piping (galley).  
 Pipes, smoke (galley).  
 Pipes, vapor (galley).  
 Potato peelers.  
 Racks, pan and kettle.  
 Racks, plate, glass, and cup.  
 Refrigerators, electric.  
 Refrigerator (ice chest).  
 Refrigerators, ice cooled.  
 Rods, pipe (with portable hooks) messing.  
 Silver-cleaning outfit.  
 Silver service, ship.  
 Silverware, officers' mess.  
 Sinks, commissary.  
 Steam-jacketed kettles and coffee urns.  
 Steam tables.  
 Tablecloths.  
 Tableware.  
 Tools, galley.  
 Trays, condiment.  
 Tubs commissary.  
 Urns, coffee, steam-jacketed.  
 Warming closet.

**S35 LAUNDRY.**

Bosom press.  
 Collar shaper.  
 Disinfecter, laundry.  
 Dry-cleaning outfit.  
 Drying cabinet, laundry.  
 Drying-room conveyors, laundry.

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**S35 LAUNDRY—Continued.**

Extractor (laundry).  
 Irons, laundry, hand or electric.  
 Ironers, combination.  
 Ironers (flat work, return apron type).  
 Ironing table.  
 Laundry machines, spare parts.  
 Soap tank.  
 Starch cooker or kettle.  
 Sterilizing outfit for clothes and bedding unless in  
 medical spaces.  
 Tumbler dryer.  
 Universal laundry press.  
 Washer (laundry).  
 Washtubs.

**S36 SANITATION.****S36-1 Toilet spaces (except medical).**

Bathtubs.  
 Buckets, wash (toilet).  
 Crew's, or seamen's head.  
 Lavatories.  
 Lavatory space.  
 Showers.  
 Shower space.  
 Sinks (toilet).  
 Toilet accessories.  
 Urinal space.  
 Urinal troughs.  
 Washroom (toilet space).  
 Wash troughs (toilet).  
 Water-closet space.  
 Water closets (individual).  
 Water heaters, valves, and cocks (toilet spaces).

**S36-2 Barber shop.**

Barber chairs.  
 Barber-shop equipment (heaters, sterilizers, lava-  
 tories, mirrors, etc.)  
 Barber-shop shelf and cabinets.

**S36-3 Scuttle butts and accessories.**

Drinking fountain and drip pan.  
 Fresh water, potable, stowage.  
 Scuttle butt foundation.  
 Ship's tanks (potable water).  
 Water coolers.

**S36-4 Garbage disposal.**

Garbage bins.  
 Incinerators.  
 Slop chutes.

**S36-5 Ship's cleaning equipment.**

Brooms, sweeping.  
 Brushes, scrubbing.  
 Deck-cleaning gear, and lockers for.  
 Fumigation of vessel, etc. (disinfecting ship).  
 Hose, wash-deck.  
 Locker, sand.  
 Lockers, wash-deck.  
 Motors and motor control.

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S36 SANITATION—Continued.

S36-5 Ship's cleaning equipment—Continued.

- Reels and racks, wash-deck hose.
- Swab trough.
- Vacuum cleaners (stationary).
- Waxing machines, floor.

S36-6 Ratproofing (includes rat guards and traps).

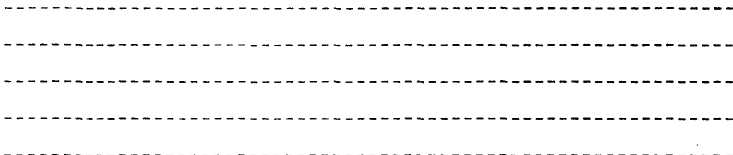
S37 MEDICAL.

S37-1 Medical spaces.

- Battle dressing station.
- Contagious ward.
- Dental laboratory.
- Dental office.
- Dispensary.
- Doctor's office.
- Emergency dressing station.
- Examining room (medical).
- Isolation ward.
- Laboratories.
- Operating room (surgical).
- Sick bay.
- Sick-bay bath.
- Treatment room.
- X-ray department.

S37-2 Medical equipment (general correspondence; see note).

- Boxes (soiled linen, first-aid).
- Cabinets (filing, instrument).
- Cases, toilet, for sick bay.
- Chart holders, clinical.
- Containers, sterilized, dressing.
- Counter, dispensary, with foundations, supports, and brackets.
- Crutches.
- Dental chairs.
- Dental fountain.
- Dental instruments.
- Desks, chairs, etc.
- Disinfecting.
- Drawers (drugs and appurtenances).
- Foundations, supports, brackets.
- Heaters, water.
- Holders, tumbler and spit-cup.
- Hooks (for irrigators).
- Incubators, bacteriological.
- Instruments, surgical.
- Lavatory, bathtubs, sinks.
- Lockers (medicine, patient's clothes, Hospital Corps, instruments, instrument cases, food trays, linen, dishes for invalids with special diseases, vision sets, expeditionary boat cases, dressing, drugs and appurtenances, action dressing, cleaning gear).
- Medicines and dressings.
- Racks, glass and bottle (in sick bay).
- Scales (doctor's).
- Shelves.
- Showers.



**S37 MEDICAL—Continued.****S37-2 Medical equipment—Continued.**

Stands (surgical apparatus, dressing, incubator, microscopic, shelf, instrument container, treatment, and treatment outfit).  
 Sterilizers and sterilizing outfits (in medical spaces).  
 Stools, surgeon.  
 Stretchers.  
 Tables (dressing, drop-shelf, examination, built-in operating, glass-top).  
 Toilet accessories.  
 Transom (doctor's office).  
 Trays, food for invalids.  
 Trusses.  
 Water-closets.  
 X-ray machines and films (equipment for).

**S38 VENTILATION AND HEATING.****S38-1 Ventilation systems, apparatus, and accessories.**

Air flow meters.  
 Air louvres.  
 Air purifiers.  
 Anemometers.  
 Blowers.  
 Cowls, ventilating, cowl covers, and fittings.  
 Dampers, ventilating.  
 Dampers, ventilating, watertight shutters.  
 Deflectors, ventilator.  
 Ducts, ventilating with hangers.  
 Fans, desk, bracket and ceiling.  
 Gauges, ventilation test.  
 Goosenecks (ventilating).  
 Hoods, ventilator.  
 Hose, ventilating.  
 Humidifiers.  
 Hygrodeiks (ventilating).  
 Manometers, ventilating.  
 Operating gear for ventilators.  
 Oxygen systems.  
 Pitot tubes (ventilating testing).  
 Screens (guards), wire mesh for ventilators.  
 Screens, insect.  
 Shutters, ventilating.  
 Shutters, water-tight, ventilating.  
 Terminals, ventilating, fixed, and adjustable.  
 Testing apparatus, ventilation.  
 Trunks, ventilating (not a structural part of ship).  
 Valves, ventilating.  
 Ventilators and fittings, mushroom.  
 Ventilators and fittings, rain and spray tight.  
 Ventilating set (fan and motor).  
 Ventilating set (portable).

**S38-2 Heating apparatus and accessories.**

Heaters, electric (air), permanent.  
 Heaters, electric (air), portable.  
 Radiators (heating, steam).  
 Steam coils (heating).

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**S38 VENTILATION AND HEATING—Continued.**

- S38-2 Heating apparatus and accessories—Continued.**  
 Thermotank coils.  
 Thermotanks (heater boxes).
- S38-3 Air-conditioning (except refrigeration apparatus).**

**S39 INSULATION AND LAGGING.**

- S39-1 Insulation and lagging, compartments, etc. (except machinery and piping).**  
 Ceiling, cork back.  
 Ceiling, cork painted.  
 Cork, compressed.  
 Cork, insulation.  
 Fire felt.  
 Furring pieces.  
 Hair felt.  
 Sheathing, ceiling, or interior.  
 Sheathing, millboard.  
 Sheathing, steel.  
 Sheathing, wood (inside).  
 Soundproof lagging or insulation.  
 Zinc and lead sheathing (cold storage).
- S39-2 Insulation and lagging, machinery and piping.**  
 Lagging, boilers (except boiler casing proper).  
 Lagging, galley smokepipe.  
 Lagging, main and auxiliary machinery.  
 Lagging, steam and exhaust pipe.  
 Lagging, water piping.

**S40 MACHINERY PLANT.**

To be used for general correspondence on machinery plant as a whole.

**S41 MAIN PROPELLING MACHINERY.**

- S41-1 Turbines (main propelling).**  
 Baffles, oil.  
 Bearings.  
 Bedplates.  
 Blading.  
 Bleeder pipes and valves.  
 Blocks and collars, turbine adjusting.  
 Casing and steam chests.  
 Chests, steam.  
 Couplings.  
 Diaphragms.  
 Dummy pistons, cylinders and packing.  
 Gauge, clearance, for turbine blades.  
 Glands and packing (carbon and metallic).  
 Governors, turbine.  
 Packing (carbon metallic).  
 Rotors and blading.  
 Shafts, rotor.  
 Shrouding.  
 Spare parts.  
 Steam chests.  
 Thrust bearings.  
 Turbines, main.
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**S41 MAIN PROPELLING MACHINERY—Continued.**

- S41-1 Turbines (main propelling)—Continued.**  
 Turbines, cruising.  
 Valves, throttle and gear.  
 Valves, auxiliary exhaust and inlet.  
 Valves, relief, and drain cocks.  
 Valves, by-pass.
- S41-2 Reciprocating engines, steam (main propelling).**  
 Bearings, main.  
 Bedplates, including main bearings.  
 Brasses, crank and wrist pin.  
 Columns and tie-rods.  
 Control machinery and gear.  
 Crank shafts.  
 Crosshead guides and slippers.  
 Cylinders.  
 Drain cocks, etc.  
 Housing and splash plates.  
 Liners, cylinders, and valve chest.  
 Metallic packing.  
 Moving parts.  
 Packing, piston.  
 Packing, rod.  
 Pins, wrist.  
 Piston and piston rods.  
 Receiver and receiver piping.  
 Reversing engine and gear.  
 Rings, piston.  
 Spare parts.  
 Splash plates.  
 Steam-jacketing system.  
 Valve chest.  
 Valve gear.  
 Valves, relief.  
 Valves, throttle and gear.
- S41-3 Internal-combustion engines (motor boats).**  
 Air-compressor cylinders.  
 Air intakes and headers.  
 Air starting apparatus (including flasks).  
 Air systems (including piping, valves, etc., attached to engine).  
 Battery ignition (fuel oil).  
 Battery ignition (gasoline).  
 Bearings.  
 Bedplates.  
 Carburetors and breathers.  
 Columns and tie-rods.  
 Connecting rods.  
 Control gear.  
 Cooling system (circulating water pumps, piping, valves, etc., attached to engine).  
 Crank-case ventilation.  
 Crank shafts.  
 Cylinder liners.  
 Cylinders, working, scavenger and air compressor.  
 Diesel engine.  
 Exhaust system (including piping and valves).  
 Flywheels and casings.
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**S41 MAIN PROPELLING MACHINERY—Continued.**

- S41-3 Internal-combustion engines—Continued.**  
 Fuel system (including pumps, piping, and valves attached to engine).  
 Gas engines.  
 Gasoline engines.  
 Generators.  
 Governors.  
 Housing.  
 Ignition system.  
 Induction header.  
 Lubrication system (includes pump, piping, and valves attached to engine).  
 Magneto.  
 Motor, starting, and control gear.  
 Mufflers.  
 Oil engines.  
 Piston rods.  
 Pistons.  
 Reversing gear.  
 Semi-Diesel engines.  
 Shafting cam.  
 Spare parts.  
 Spark plugs.  
 Starting apparatus (including piping and valves).
- S41-4 Turbo-electric drive (main propelling)**  
 Boards, switch and control.  
 Booster units.  
 Collector and collector leads.  
 Control gear.  
 Exciter units.  
 Fittings.  
 Generators, main and cruising.  
 Insulators.  
 Main terminal board.  
 Motors, main.  
 Motors for ventilating apparatus and control gear.  
 Rheostat.  
 Spare parts.  
 Spider.  
 Turbines complete.  
 Ventilating coolers.  
 Ventilating sets and electric heaters.  
 Wiring, main.
- S41-5 Internal combustion engines, Diesel type, main propelling, electric drive and generator (submarine).**  
 Air-compressors cylinders.  
 Air intakes and headers.  
 Air starting apparatus (including flasks, piping valves, etc., attached to engine).  
 Bearings.  
 Bedplates.  
 Columns and tie rods.  
 Connection rods.  
 Control gear.  
 Cooling system (including circulating pumps, piping, and valves attached to engine).  
 Crank-case ventilation.  
 Crank shafts.
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**S41 MAIN PROPELLING MACHINERY—Continued.**

- S41-5 Internal combustion engines, Diesel type, etc.—Con.**  
 Crossheads.  
 Cylinder liners.  
 Cylinders working, scavenger and air compressor.  
 Exhaust system (including piping and valves attached to engine).  
 Flywheels and casings.  
 Fuel system (including pumps, piping, and valves attached to engine).  
 Gear, indicator drive.  
 Gear, tachometer drive.  
 Governor.  
 Housing.  
 Induction header.  
 Injection system.  
 Lubrication system (including pumps, piping, and valves attached to engine).  
 Piston rods.  
 Pistons.  
 Reversing gear.  
 Rods.  
 Shafting, cam.  
 Spare parts.  
 Starting apparatus.  
 Torsional vibration valve gear.  
 Valve gear.  
 Valves, engine, inlet, and exhaust.
- S41-6 Accessories and spaces (main propelling machinery).**  
 Bolts, holding-down.  
 Brackets and stiffeners.  
 Clutches and shifting gear.  
 Couplings.  
 Engine rooms.  
 Foundations.  
 Gear, turning, power and hand.  
 Lifting and handling gear.  
 Main control room.  
 Motor rooms (electric drive).  
 Operating room.  
 Tracks and trolleys.

**S42 REDUCTION GEAR (MAIN PROPELLING MACHINERY).**

Bearings.  
 Bolts, holding-down.  
 Couplings, flexible.  
 Foundations and stiffeners.  
 Gear wheels and pinions.  
 Housing, frames, and casing.  
 Reduction gear, cruising turbines.  
 Reduction gear, main turbines.  
 Spare parts.

**S43 SHAFTING AND BEARINGS.**

- S43-1 Shafting.**  
 Bolts, coupling.  
 Coupling key, cross keys, and collars.  
 Couplings, flange and sleeve.
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**S43 SHAFTING AND BEARINGS—Continued.**

- S43-1 Shafting—Continued.**  
 Gauges, bearing (bridge gauges).  
 Gear, turning.  
 Joints, universal, shafting.  
 Line shafts.  
 Nuts, coupling.  
 Propeller clutch and shifting gear (submarine).  
 Propeller shafts and nuts.  
 Rings, zinc and steel, protecting.  
 Sleeves and casings.  
 Spares.  
 Stern-tube shafts.  
 Thrust shafts.
- S43-2 Bearings.**  
 Cooling coils, bearings.  
 Foundations and stiffeners.  
 Line-shaft bearings.  
 Mandrels, bearing.  
 Shaft, alleys.  
 Shaft tubes (other than stern tubes).  
 Shoes, spare, for thrust bearings.  
 Sleeves, fairwater.  
 Steady bearings.  
 Stern tubes and castings.  
 Strut bearings.  
 Struts and stern brackets.  
 Stuffing boxes, bulkhead.  
 Thrust bearings (horseshoe, roller, ball, or Kingsbury type).

**S44 PROPELLERS.**

- Blades.  
 Bolts and nuts. (For propeller shaft nut see S43 "Shafting and bearings.")  
 Caps.  
 Hub.  
 Keys.  
 Pitch-measuring device.  
 Rings, joint and gland.  
 Spares.  
 Template for propeller bore.  
 Wrenches for shaft and propeller-blade nuts.

**S45 LUBRICATION.**

- S45-1 Forced lubrication.**  
 Baskets for strainers.  
 Coolers, oil.  
 Filters, oil.  
 Strainers, oil.
- S45-2 Gravity lubrication.**  
 Boxes and cups.  
 Boxes, oil, distributing.  
 Drip pans.  
 Gravity lubricating piping, wipers, and cups.
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**S45 LUBRICATION—Continued.**

- S45-3 Separators and purifiers (lubricating-oil).**  
 Purifiers, oil.  
 Separators, oil.  
 Tanks, lubricating-oil settling.
- S45-4 Lubricating fittings and accessories (general).**  
 Foundations and stiffeners, lubricating equipment.  
 Gauges, float for lubricating-oil tanks.  
 Grease guns.  
 Pneumercators, for lubricating oil.  
 Pressure lubricating guns and fittings.  
 Tanks, oil drain (lubricating).  
 Tanks, oil, for hand service.  
 Tanks, lubricating-oil storage.

**S46 CONDENSERS.**

- S46-1 Condensers, main.**
- S46-2 Condensers, auxiliary.**
- S46-3 Condensers, dynamo.**
- S46-4 Condensers, vacuum augmentor.**  
 Ejectors, air.  
 Evacuators, air.  
 Oculators, air.
- S46-5 Condensers parts.**  
 Baffles.  
 Chests, water.  
 Ferrules.  
 Fittings.  
 Foundations, saddle plates, and stiffeners.  
 Rooms.  
 Shell and exhaust connection.  
 Spare parts.  
 Tube sheets and supporting plates.  
 Tubes and glands.  
 Zincs.

**S47 PUMPS.**

- \*Air pumps (main and auxiliary).  
 Attached pumps.
- \*Air pumps, evaporator.  
 Ballast and adjusting pumps (submarine).  
 Bilge pumps.
- \*Brine pumps, refrigerating.
- \*Brine pumps, evaporator.  
 Cargo and wrecking pumps.
- \*Cellar drainers.
- \*Circulating pumps, condenser.
- \*Circulating pumps, distiller condenser.
- \*Condensate pumps.  
 Counters, pump.
- \*Drainage pumps.
- \*Ejectors, bilge.
- \*Ejectors, except when used as vacuum augmentors.  
 Feed pumps, auxiliary.
- \*Feed pumps, evaporator.  
 Feed pumps, main.  
 Fire pump.  
 Fire and bilge pumps.
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**S47 PUMPS—Continued.**

Flushing pumps.  
 Foundation and stiffeners (pump).  
 Fresh-water pumps.  
 \*Fresh-water pumps, distiller.  
 \*Fuel-oil hand pumps.  
 \*Fuel-oil booster pumps.  
 \*Fuel-oil distributing pumps.  
 \*Fuel-oil service pumps.  
 \*Gasoline pumps.  
 Hand pumps.  
 Handy-billy.  
 Hotwell pumps.  
 Hydraulic speed gear. (Obsolete, see S21.)  
 Injectors.  
 Jets and injectors.  
 Lifting gear, pump room.  
 \*Lubricating oil pumps.  
 Piston cooling pumps (submarine). (Obsolete, belong with engine.)  
 Pulsometer.  
 Rooms, pump.  
 \*Salvage pumps.  
 \*Sanitary pumps.  
 Scavenger pumps (submarine).  
 Spare parts, pump.  
 Special pumps.  
 Submersible pumps.  
 Sump ejectors.  
 \*Trimming pumps.  
 \*Wrecking pumps.  
 Pumps marked with \* are to be considered as part of system they serve.

**S48 PIPING.**

- S48-1 Pumping and drainage systems.**  
 Bleeder plugs.  
 Boiler blow piping.  
 Compartment flooding. (See S88.)  
 Double-bottom flooding except reserve feed.  
 Equalizing system, trimming and ballast tanks.  
 Independent bilge suctions.  
 Independent drain suctions.  
 Main drain.  
 Secondary drain.  
 Tanks ballast, trimming and peak, buoyancy, safety, auxiliary compensating, WRT and WRM regulating, equilibrium, and adjusting).
- S48-2 Feed-water system.**  
 Boiler feed-water piping.  
 Main and auxiliary feed-water piping.  
 Reserve feed-water piping.
- S48-3 Fire mains, sprinkling system, and flooding systems**  
 when used for fire protection.
- S48-4 Fresh-water systems, other than feed water, including**  
 supply and gravity tanks, when not a structural part of ship (potable water stowage excepted).
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## S48 PIPING—Continued.

- S48-5 **Water service, main and auxiliary engines.** (Water-cooling systems of Diesel engines will be considered as part of engine.)
- S48-6 **Flooding systems, magazine and sprinkling systems.** (Obsolete, see S48-3, "Fire mains, etc.")
- S48-7 **Salt-water flushing system (when independent of fire main).**
- S48-8 **Scuppers and plumbing drains, including floor and deck drains and sump tanks.**
- S48-9 **Sounding tubes and air escapes (vents).**
- S48-10 **Steam and exhaust piping.**  
 Auxiliary exhaust piping.  
 Auxiliary steam piping.  
 Drains, machinery.  
 Drains (steam piping).  
 Dynamo, exhaust piping.  
 Dynamo, steam piping.  
 Escape and vapor pipes, other than galley.  
 Exhaust trunk, main turbine.  
 Main exhaust piping.  
 Main steam piping.
- S48-11 **Evaporator and distilling piping.** (Obsolete, see S58, "Evaporating plant.")
- S48-12 **Refrigerating piping.** (Obsolete, see S59 "Refrigerating plant.")
- S48-13 **Heating system.** (Obsolete, see S33-2, "Heating systems.")
- S48-14 **Lubricating-oil piping.** (Obsolete, see S45, "Lubrication.")
- S48-15 **Fuel-oil piping.** (Obsolete, see S55, "Fuel oil.")
- S48-16 **Gasoline system.** (Obsolete, see S15, "Gasoline, handling and stowage.")
- S48-17 **Torpedo air system.** (Obsolete, see S49-1, "Compressed air plant.")
- S48-18 **Water and oil expulsion systems.** (Obsolete, see S49-5, "Compressed-air plant.")
- S48-19 **Salvage air systems.** (Obsolete, See S49-4, "Compressed air plant.")
- S48-20 **Compartment testing systems.** (Obsolete, see S29-8, "Tightness of compartments.")
- S48-21 **Gas-ejecting systems and pneumatic service.** (Obsolete, see S49-2, "Compressed-air plant.")
- S48-22 **Special piping systems.**
- S48-23 **Fittings (general correspondence).**  
 Air chambers.  
 Bulkhead connections and castings.  
 Deck connections and castings.  
 Drain plugs.  
 Flanges (piping).  
 Inspirator.  
 Joints, expansion and slip.  
 Meters other than fuel-oil and feed-water.  
 Pipe hangers and supports.  
 Regulators and governors.  
 Reheaters (other than boiler contained).  
 Relay tanks.  
 Screens.
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**S48 PIPING—Continued.****S48-23 Fittings—Continued.**

Sea chests and connections, including reinforcing and protecting rings.  
 Separators (piping).  
 Spools, cast iron (for protection of salt-water piping).  
 Strainers, box and basket.  
 Strainers, Macomb.  
 Stuffing boxes, bulkhead and deck.  
 Superheaters, other than boiler.  
 Tank regulators.  
 Traps  
 Water seals.  
 Zinc and boxes for.

**S48-24 Valves (general correspondence).**

Cocks.  
 Manifold.  
 Pots, salinometers. (See also S51, "Boilers" and S58, "Distilling plant.")  
 Reach rods.  
 Valve-operating gear (deck).  
 Valve, reducing and regulating.  
 Valves, relief.  
 Valves, safety (except boiler).  
 Valves, sea.

**S48-25 Whistles and sirens, installed fog horns, etc.****S49 COMPRESSED-AIR PLANT.****S49-1 Torpedo air compressors, accumulators, and separators.****S49-2 Air compressors, accumulators, and separators (gas ejector and pneumatic service).****S49-3 Air compressor accessories (general correspondence).**

Accumulators.  
 Air lines for pneumatic tools.  
 Air banks.  
 Air flasks and tanks (other than on internal-combustion engines).  
 Foundations for air compressors, tanks, and flasks.  
 Governors.  
 Intercoolers and cooling coils.  
 Low-pressure air compressors, rotary or turbo-blowers.  
 Lubricators, torpedo air compressor.  
 Manifolds (air).  
 Regulators.  
 Separators (air).  
 Strainers, air compressor.  
 Valves, automatic.

**S49-4 Salvage air systems.****S49-5 Expulsion systems.****S50 AUXILIARY ENGINES.**

To be used only for general correspondence.  
 Where a turbine is used for a specific auxiliary it will be allocated with the auxiliary.

**S50-1 Turbines.****S50-2 Diesels.****S50-3 Reciprocating.**

**S51 BOILERS.**

- S51-1 Pressure parts.**  
 Braces.  
 Combustion chamber.  
 Drums, mud.  
 Drums, steam and water.  
 Furnaces, fire tube (Scotch boilers).  
 Manholes and handholes and plates.  
 Shell and head and tube sheets.  
 Superheaters, with relief and cut-out valves.  
 Tube and spare tubes.  
 Tube sheets and stays.
- S51-2 Casing and furnace fittings.**  
 Ash pans.  
 Ash-pit doors.  
 Brickwork.  
 Flame retarders.  
 Furnace fronts.  
 Grate bars, bearers.  
 Plates, baffle, gas.  
 Plates, cheek, arch and dead.
- S51-3 External and internal fittings.**  
 Air cocks.  
 Baffle plates, water circulation.  
 Bottom blow, including piping and valves.  
 Circulators and accelerators.  
 Damper regulators.  
 Drain cocks.  
 Draft regulators.  
 Feed water sampling connection.  
 Feed regulator.  
 Gauges, steam.  
 Gauges, water, boiler (water columns and water glasses).  
 Gear, deck operating, for boiler valves.  
 Hydrokineter.  
 Pipes, dry.  
 Pipes, internal feed.  
 Safety valves.  
 Salinometer pots.  
 Smoke indicators.  
 Soot blowers.  
 Surface blow, including scum pan, piping, and valves.  
 Test cocks.  
 Valves, feed, check and stop.  
 Valves, steam stop.  
 Zinc, zinc baskets, and hangers.
- S51-4 Spaces, foundations, and saddles.**  
 Boiler rooms.  
 Fastenings.  
 Firerooms.  
 Fireroom arrangements, etc.  
 Stools.
- S51-5 Coal-firing apparatus.**  
 Carbon dioxide recorder.  
 Combustion recorder.  
 Devil claws (boiler furnace).
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**S51 BOILERS—Continued.****S51-5 Coal-firing apparatus—Continued.**

Hoes.  
 Orsat apparatus.  
 Pricker bars.  
 Rakes.  
 Shovels.  
 Slice bars.  
 Stokers, hand and automatic.  
     Under feed.  
     Over feed.  
     Side feed.

**S52 UPTAKES AND SMOKE PIPES.**

Smoke pipes, back connections.  
 Smoke-pipe guys.  
 Smoke-pipe covers, metal.  
 Umbrellas (smoke-pipe).  
 Uptake doors and dampers.  
 Smoke-pipe supports and foundations.

**S53 BLOWERS (FORCED DRAFT).**

Blower rooms.  
 Blowers, portable.  
 Casing, fan.  
 Diffusers.  
 Fan.  
 Fittings.  
 Foundations and stiffeners.  
 Gear, operating, deck and fireroom.  
 Lubricating apparatus.  
 Shaft bearings.  
 Shutters for intake trunks.  
 Spare parts.  
 Trunks, intake and delivery.

**S54 ASH AND COAL HANDLING AND STOWAGE.****S54-1 Coal handling and stowage.**

Bins, coal.  
 Booklet of coal-bunker capacities.  
 Bunkers, coal.  
 Coaling (ships).  
 Coaling-at-sea arrangements.  
 Coaling chutes.  
 Coaling screens.  
 Coaling stays.  
 Coaling trunks, fixed, telescoping and portable.  
 Davits and derricks, coaling (portable).  
 Fuel handling (ship). (For "Oiling," see S55-1.)  
 Tracks or rails (coal handling).  
 Trolleys (coal handling).  
 Trucks, deck-coaling type.

**S54-2 Ash handling.**

Ash ejector and spare parts.  
 Ash expellers and spare parts.  
 Ash-hoist engines and spare parts.

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**S54 ASH AND COAL HANDLING AND STOWAGE—Continued.**

- S54-2 Ash handling—Continued.**  
 Chutes, ash, built-in.  
 Chutes, ash, portable, metal.  
 Guides, ash-hoist.  
 Hoists, fireroom.  
 Hoppers, ash.
- S54-3 Ash and coal handling accessories (general correspondence only; see note).**  
 Bags.  
 Baskets.  
 Buckets.  
 Cables.  
 Foundations and stiffeners.  
 Pulleys and brackets.  
 Whips.  
 For winches see S27, Cargo handling. For coal-  
 ing booms, derricks, and towers see S17, Towers,  
 masts, spars, cranes, and derricks.

**S55 FUEL-OIL STOWAGE AND EQUIPMENT.**

- S55-1 Fuel-oil handling and stowage.**  
 Chocks for oiling at sea.  
 Fuel-oil compartments.  
 Hose.  
 Oiling, ships.  
 Oiling-at-sea gear.  
 Pneumercators, on fuel-oil tanks.  
 Tanks, settling, service and gravity.
- S55-2 Fuel-oil strainers.**  
 Filters.  
 Separator and filters.  
 Strainers and baskets.
- S55-3 Fuel oil heaters.**  
 Coils, heating, in oil tanks.
- S55-4 Burners, fuel-oil.**  
 Air registers and shutters.  
 Atomizers.  
 Blower burners.  
 Blowing-out apparatus.  
 Tips and plugs, atomizer.
- S55-5 Meters, measuring and testing devices.**  
 Flask-point tester.  
 Gauges.  
 Meters.  
 Testing outfit.  
 Viscosimeter.

**S56 BOILER FEED—WATER EQUIPMENT.**

- For feed pumps, see S47, Pumps. For feed piping  
 see S48, Piping.
- S56-1 Feed-water heaters.**  
 Shell.  
 Spare parts.  
 Tube and tube sheets.
- S56-2 Grease extractors.**
- S56-3 Purifiers (air removers).**
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**S56 BOILER FEED—WATER EQUIPMENT—Continued.**

- S56-4 Feed-water tanks.**  
 Filtering material (feed and filter tank).  
 Filters, feed-water.  
 Fittings and connections (feed and filter tank).  
 Gauges, water and index plates (feed and filter tank).  
 Plates, perforated (feed and filter tank).  
 Tanks, hot-well.  
 Tanks, main feed and filter.  
 Tanks, reserve feed.
- S56-5 Water-testing outfits.**  
 Boiler compound, feed-water.

**S57 DIESEL OIL STOWAGE AND EQUIPMENT.**

- S57-1 Separators.**

**S58 DISTILLING PLANTS.**

- S58-1 Evaporators.**  
 Baffles.  
 Coils and tubes.  
 Doors and frames.  
 Evaporator and distilling condenser rooms.  
 Shells.  
 Steam heads.  
 Tube sheets.  
 Zincs.
- S58-2 Distilling condensers.**  
 Coils or tubes.  
 Heads.  
 Shells.  
 Tube sheets.
- S58-3 Evaporator feed heaters.**  
 Heads.  
 Heaters, coil drain.  
 Heaters, vapor.  
 Shells.  
 Tubes and tube sheets.
- S58-4 Measuring and testing devices, distilling plant.**  
 Meters, water.  
 Salinometer pots.  
 Tanks, measuring.

**S59 REFRIGERATING PLANTS.**

- S59-1 Refrigerating machines.**  
 Pumps, contained.  
 Refrigerating gas containers.  
 Refrigerating machine, complete, including compressors, driving motors, or engines and their controls.  
 Ammonia.  
 Carbon dioxide.  
 Dense air.  
 Ethyl chloride.  
 Sulphur dioxide.  
 Spare parts for.  
 Refrigerating room and ice-machine room.
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**S59 REFRIGERATING PLANTS—Continued.**

- S59-2 Condensers, refrigerating plant.**  
 Condensers.  
 Coolers.
- S59-3 Separators, refrigerating plant.**
- S59-4 Brine system, refrigerating plant.**  
 Boxes, cold-storage.  
 Boxes, ice-making.  
 Cans, ice-making.  
 Coils, cooling (brine system, refrigerating machine).  
 Rooms, cold-storage.  
 Tanks, brine.

**S60 ELECTRIC PLANTS.**

To be used for general correspondence on the electric plants of ships as a whole.

**S61 ELECTRIC POWER GENERATORS (OTHER THAN ELECTRIC DRIVE).**

Armatures.  
 Balancers.  
 Commutators.  
 Dynamo rooms.  
 Dynamos.  
 Exciters.  
 Foundations and stiffeners.  
 Generators and driving units.  
 Generator cooling systems, including air washers and air ducts.  
 Generators, Diesel-engine driven.  
 Spare parts.  
 Turboalternators.  
 Turbogenerators.  
 For pumps, see S47 Pumps. For piping, see S48, Piping. For condensers, see S46, Condensers. For tanks, see S56, Feed water equipment.

**S62 ELECTRIC POWER DISTRIBUTION.**

- S62-1 Switchboards.**  
 Bus bars.  
 Distribution rooms (electric power, other than electric drive).  
 Panels, when not used in the control of a motor driving a specific apparatus.  
 Stowage-battery charging station.  
 Switchboard.  
 Switchboard-battery charging.  
 Switchboards, fire-control.  
 Switchboards, interior communication.  
 Switchboards, main.
- S62-2 Wire and wiring appliances (electric power distribution).**  
 Circuit breakers.  
 Conduits.  
 Connection boxes.  
 Controllers.  
 Cut-outs, individual.  
 Distribution boxes.

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**S62 ELECTRIC POWER DISTRIBUTION—Continued.**

- S62-2 Wire and wiring appliances—Continued.**  
 Fuses.  
 Hangers and insulators.  
 Insulating material.  
 Junction boxes.  
 Rheostats.  
 Stuffing and terminal tubes.  
 Switches, individual.  
 Switches, oil.  
 Transformers.  
 Voltage regulators.  
 Water-tight receptacles and plugs.  
 Wire.  
 Wiring and appliances for switchboards and power leads.
- S62-3 Batteries (electric power distribution).**  
 Dry-cell.  
 Storage, permanent.  
 Storage, portable.  
 Storage-battery boxes and tanks.
- S62-4 Batteries, storage, submarine propelling.** (For battery ventilation (submarines), see S38, Ventilation and heating.)  
 Battery compartments and tanks.  
 Battery sealing compound (storage battery).  
 Lifting gear.

**S63 ELECTRIC POWER APPLICATION.**

- S63-1 Motors and motor control** (when not considered with apparatus driven).
- S63-2 Motors, propelling, submarines.**
- S63-3 Motor generators and similar apparatus.**
- S63-4 Solenoids.**
- S63-5 Brushes, carbon.**
- S63-6 Rooms, motor.**

**S64 LIGHTING.**

- S64-1 General lighting (wiring, appliances, and fixtures).**
- S64-2 Battle lighting (wiring, appliances, and fixtures).**  
 Battle lanterns, portable, electric.  
 Breast lights.  
 Gun-sight lights.  
 Gun breech light.  
 Lighting system, ship's magazines.
- S64-3 Auxiliary lighting (wiring, appliances, and fixtures, except batteries).**
- S64-4 Portable lights, electric.**  
 Bunker lanterns.  
 Deck lanterns.  
 Diving lanterns.  
 Flashlights and batteries.
- S64-5 Signal lights, electric (except searchlights).**  
 Anchor lights.  
 Blinker lights.  
 Lenses, signal.  
 Light boxes.  
 Man overboard lights.
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**S64 LIGHTING—Continued.**

- S64-5 Signal lights, electric—Continued.**  
 Masthead lights.  
 Recognition lights.  
 Running lights, side.  
 Steering lights.  
 Wake lights.
- S64-6 Illuminating sets.**
- S64-7 Lights, nonelectric**

**S65 INTERIOR-COMMUNICATION APPARATUS.**

- S65-1 Ship-service telephone systems.**
- S65-2 Loud-speaking telephone systems.**  
 General announcing telephone system.
- S65-3 Voice tubes (general and re-control communications).**  
 Voice tube head sets.
- S65-4 Audible signal systems.**  
 Anchor gongs and pulls.  
 Anemometer indicator.  
 Annunciators. (See Bells.)  
 Bells.  
 Buzzers.  
 Call-bell.  
 Circulating water, low-pressure alarm.  
 Collision alarm.  
 Depth charge indicator.  
 Diving-alarm.  
 Drainage-tank signal systems.  
 Electric-whistle operator.  
 Engine gongs and pulls.  
 Fire-alarm systems.  
 Fireroom emergency signals.  
 Fuel-oil tank indicators (electric).  
 Gas-detector indicators.  
 General-alarm gong systems (electric).  
 Gongs.  
 Gongs, boat hour.  
 Howlers.  
 Hydrogen detectors (electric).  
 Lubricating-oil indicators (electric).  
 Lubricating oil, low-pressure alarm.  
 Mine-control indicators (electric).  
 Nautophone.  
 Pump alarm.  
 Push buttons.  
 Refrigerating-room signals.  
 Steering emergency.  
 Thermostats (magazine).  
 Turbo blower signal.  
 Warning signals (electric).  
 Water indicators.
- S65-5 Visible signal systems.**  
 Air-lock indicator systems.  
 Ammunition-hoist indicator systems (mechanical and electric).  
 Anchor telegraph systems (electric).  
 Autographic recorders (telautographs, etc.).  
 Ballast indicators. (See Trimming tank telegraph systems, submarines.)
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**S65 INTERIOR-COMMUNICATION APPARATUS—Continued.**

- S65-5 Visible signal systems—Continued.**  
 Battery voltage-indicator systems.  
 Buoyancy indicators.  
 Clutch-indicator systems.  
 Course telegraphs.  
 Docking, telegraph systems (electric).  
 Electric indicator system for hatches, doors, vent valves, hull openings, etc.  
 Engine order telegraph systems (mechanical and electric).  
 Engine revolution telegraph systems.  
 Fireroom feed signal systems.  
 Fireroom telegraph systems (mechanical and electric).  
 Gyro telegraph.  
 Life-buoy release (electric).  
 Logs (speed indicators), Forbes, Cummings, et al.  
 Long-arm indicator system.  
 Main engine, revolution counter gear.  
 Main generator shaft indicators.  
 Oil-burner control telegraphs.  
 Oil-pressure telegraphs.  
 Pitometer.  
 Reduction-gear indicators (turbine).  
 Rudder indicators, diving (mechanical).  
 Rudder indicator systems, including telemotors.  
 Salinity indicator.  
 Secondary recording counters.  
 Shaft revolution indicator systems (mechanical and electric).  
 Shaft revolution counters (mechanical and electric).  
 Smoke telegraph systems.  
 Speed-flag telegraphs.  
 Speed indicators (mechanical and electric).  
 Steering telegraph systems (mechanical and electric).  
 Submarine marker buoys, including stowing and releasing arrangements, telephone and lighting equipment, and indicators.  
 Temperature indicators, refrigerating room.  
 Trim indicators.  
 Trimming tank telegraph systems (submarines).  
 Turbine reduction gear indicators.  
 Water-tight door indicator systems.
- S65-6 Pneumatic-tube systems.**
- S65-7 Interior-communication spaces and apparatus.**  
 Central station.  
 Emergency boiler control station.  
 Interior-communication rooms.  
 Soundproof booths.  
 Soundproof relay stations.

**S66 SEARCHLIGHTS.**

- Carbons.  
 Controls.  
 Main.  
 Rheostats and rheostat room.  
 Signaling.
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**S66 SEARCHLIGHTS—Continued.**

Signaling shutters.  
Spare parts.  
Towers, platforms, and foundations.

**S67 RADIO APPARATUS.**

Antennae systems.  
Arc telegraph systems.  
Battery lockers.  
Booths, radio.  
Compass houses (radio), ship.  
Compass systems.  
Instruments.  
Main communication station.  
Main radio station.  
Radio masts (ship).  
Radio trunk.  
Rat-tail, hull casting and tube for rat-tail.  
Receiving cabinets in booths.  
Rigging.  
Rooms.  
Spare parts, etc.  
Spark telegraph systems.  
Telephone systems.  
Tools.  
Vacuum-tube telegraph systems.  
Wiring and wiring appliances.

See Bureau of Ships pamphlet RE-1A-107 for itemized list.

**S68 UNDER WATER SOUND.**

Asdics.  
Blisters for sound-signaling device.  
C tubes, parts and spares.  
K tube drifter sets, parts and spares.  
MV tubes, parts and spares.  
Microphone tanks, parts and spares.  
Oscillators, keel type, parts and spares.  
Oscillators, skin type, parts and spares.  
Sonic depth finders (fathom meter, echo sounding).  
Sound-proof rooms (sound signaling).  
Sound-receiving equipment (electric).  
Sound-receiving equipment (acoustic).  
Submarine-detecting apparatus.  
Transmitters (sound-signaling, under water).  
Transmitters, supersonic.  
Trawls, indicating.  
Wiring and wiring appliances.  
Y-tube compensators.  
Y tubes, parts and spares.

See Bureau of Ships pamphlet RE-1A-107 for itemized list.

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**S69 ELECTRICAL INSTRUMENTS (EXCEPT FIRE-CONTROL AND THOSE USED AS PART OF AN INTERIOR-COMMUNICATION SYSTEM).**

- Ammeters, installed and portable.
- Bridges (electrical testing sets).
- Dynamometers.
- Electric-instrument lockers.
- Excitation meters.
- Galvanometers.
- Hydrometers.
- Magneto generators (electrical testing sets).
- Meggers (electrical testing sets).
- Meters, frequency.
- Ohmmeters.
- Oscillograph.
- Polarity indicators (electrical testing sets).
- Power-factor meters.
- Pyrometers, electric.
- Reactive-factor meters.
- Storage-battery testing sets.
- Switchboard instruments (general).
- Synchrosopes.
- Tachometer.
- Telephone-testing sets.
- Voltmeters, installed and portable.
- Wattmeters, installed and portable.
- Watt-hour meter.

**S70 SIGHT-SIGNALING APPARATUS (INTERSHIP).**

**S70-1 Pyrotechnics.**

- Barium nitrate for illuminating projectiles.
- Blue lights and flares.
- Cartridges, signal, Very's.
- Dyes, spotting projectile.
- Flares and flare-up lights.
- Pistols, Very's signal.
- Projectiles, pyrotechnic.
- Red lights and flares.
- Rifle lights.
- Rockets, shower, smoke, and star.
- Smoke bombs.
- Submarine ejector recognition sets.
- Submarine emergency identification signal.
- Torches, signal sets.
- Very's night signal sets.

**S70-2 Flags.**

- Boards.
- Flags.
- Guidons.
- Lockers.
- Racks.

**S70-3 Sight signals (other than pyrotechnics and flags).**

- Black ball.
- Semaphores, signal.
- Signal shapes.
- Speed cones.

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**S71 FIRE CONTROL.**

**S71-1 Main battery (turret) control.**  
 Attachments, firing, turret guns.  
 Boards, plotting.  
 Clocks, contact.  
 Clocks, time sector.  
 Compensators, director fire-control.  
 Concentration indicator instruments.  
 Controllers, gun-director.  
 Converters, range.  
 Converters, revolution.  
 Delay coils, turret.  
 Designators, target bearing.  
 Dials, concentration.  
 Director firing (main battery).  
 Director towers (main battery) (turret).  
 Directors, gun (directorscopes).  
 Fire-control tops (structural, included in cage masts).  
 Fire-control towers (except armor) and foundations.  
 Fire distribution.  
 Indicators, azimuth (gun director).  
 Indicators, director correction.  
 Indicators, elevation.  
 Indicators, elevation, repeat.  
 Indicators, multiple turret.  
 Indicators, plotting.  
 Indicators, ships bearing.  
 Indicators, target bearing.  
 Indicators, target turret, single.  
 Indicators, target turret, double.  
 Indicators, target turret, triple.  
 Indicators, train.  
 Indicators, training, repeat.  
 Indicators, turret-train, double.  
 Multiple turret-indicator system.  
 Plotter, graphic range.  
 Plotting rooms.  
 Range determination.  
 Range table.  
 Receivers, elevation.  
 Receivers, target-angle.  
 Relay voice-tube station.  
 Salvo patterns.  
 Salvo signals.  
 Salvo system, turrets.  
 Spotters.  
 Spotting tops, structural (included in cage masts).  
 Stable zenith instruments.  
 Station, turret officer.  
 Transmitters, auxiliary target-bearing.  
 Transmitters, director correction.  
 Transmitters, parallax, range.  
 Transmitters, target-angle.  
 Transmitters, target-bearing.  
 Transmitters, target-bearing relay.  
 Transmitters, target turret.  
 Transmitters, turret-train.

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**S71 FIRE CONTROL—Continued.**

- S71-1 Main battery (turret) control—Continued.**  
 Turret danger-zone system.  
 Turret tell-tale system.
- S71-2 Secondary battery (broadside) control.**  
 Canopies, broadside-director tower.  
 Director firing, broadside battery.  
 Director towers, broadside battery.  
 Directors, gun (directorscopes).  
 Indicators, gun-train.  
 Receivers, training.  
 Secondary battery, switchboard, rooms.  
 Stations, secondary battery switchboard (non-structural).  
 Torpedo-defense fire-control stations.  
 Transmitters, independent train.
- S71-3 Antiaircraft battery control.**  
 Director firing.  
 Directors, gun.  
 Periscopes, airplane.  
 Range finders.
- S71-4 Torpedo battery control.**  
 Angle fire, torpedo.  
 Circuits, firing, torpedo.  
 Directors, bridge, control of torpedo fire.  
 Finders, submarine attack course.  
 Graphs.  
 Indicators, collision course.  
 Indicators, gyro angle.  
 Indicators, torpedo, battle order and repeat-back transmitter.  
 Indicators, torpedo-spotting.  
 Indicators, torpedo-tube firing.  
 Instruments, control, fixed angle (above water torpedo tubes only).  
 Instruments, control, follow the pointer (above water torpedo tubes only).  
 Instruments, depth, roll and performance recorder (torpedo).  
 Receivers, gyro angle.  
 Solenoids, torpedo-firing.  
 Solver, angle (torpedo).  
 Switches, torpedo-firing.  
 Telescopes, check-sight (torpedo tube).  
 Telescopes, torpedo-testing barge.  
 Telescopes, tube-sight.  
 Torpedo directors.  
 Torpedo-directing stations.  
 Torpedo-tracking rooms.  
 Torpedo-tracking stations (nonstructural).  
 Transmitters, gyro angle.  
 Transmitters, torpedo battle-order and repeat-back indicator.  
 Transmitters, torpedo-target bearing.  
 Visuals, torpedo battle-order.
- S71-5 Depth charge and mine-battery control.**  
 Counters, mine-control.  
 Depth charge attack board.  
 Indicators, firing-mine.
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**S71 FIRE CONTROL—Continued.**

- S71-5 Depth charge and mine-battery control—Continued.**  
 Mine laying fire control.  
 Mine-timing devices.  
 Switches, mine.  
 Visuals, depth charge order (includes indicators, receivers, and transmitters, battle order).
- S71-6 Searchlight battery control.**  
 Indicators, searchlight train.  
 Visuals, searchlight order (includes indicators, receivers, and transmitters, battle order).
- S71-7 Star-shell battery control.**
- S71-8 Fire-control appliances and apparatus (general correspondence only; see note).**  
 Alidades.  
 Angle fire corrector, submarine.  
 Battle orders, gun.  
 Bearing transmitters.  
 Binocular cases.  
 Binoculars.  
 Binoculars, mount.  
 Blinders for optical instruments.  
 Boards, deflection.  
 Boards, sighting.  
 Boards, submarine plotting.  
 Boxes, optical instruments.  
 Boxes, periscope, conning tower.  
 Boxes, spotting glass.  
 Boxes, telescope.  
 Brackets (range and deflection transmitters).  
 Brackets, telescopic.  
 Caps, focusing.  
 Caps, telescope.  
 Captain target designation system.  
 Castings, aluminum.  
 Cleaning apparatus.  
 Clocks.  
 Clocks, range.  
 Clocks, time of flight.  
 Collimators, binocular.  
 Collimators, telescope.  
 Computers, gun error.  
 Computers, target angle.  
 Control of guns, distant.  
 Converters, direct range.  
 Course detectors.  
 Course protractors.  
 Crystals, lens.  
 Cups, grease.  
 Deflection eliminating devices.  
 Designators, "Evershed."  
 Dials, gun director (directorscope).  
 Director firing circuits.  
 Director firing system, including instruments.  
 Director follow-the-pointer systems, including instruments.  
 Directorscopes.  
 Drafting machines (plotting room).  
 Drying apparatus, optical instruments.
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**S71 FIRE CONTROL—Continued.****S71-8 Fire-control appliances and apparatus—Continued.**

Erosion corrector.  
 Filters, ray.  
 Finders, bearing.  
 Finders, monocular.  
 Finders, submarine attack course.  
 Foundations, instrument.  
 Gears, synchronizing (gun control).  
 Glands.  
 Glasses, magnifying.  
 Gongs, cease firing.  
 Guards, eye.  
 Guns, distant control of.  
 Gyro transmitters.  
 Gyrometers.  
 Gyroscopes.  
 Holders, telescope.  
 Horizometers.  
 Illumination.  
 Illumination (director firing instruments).  
 Illumination (optical instruments).  
 Illuminators, telescope.  
 Inclinometers.  
 Indicators, course and distance.  
 Indicators, director elevation.  
 Indicators, director train.  
 Indicators, gun elevation.  
 Indicators, gun firing.  
 Indicators, optical range finder.  
 Indicators, range finder, train.  
 Indicators, time of flight.  
 Illumination corrector.  
 Instruments, spotting.  
 Instruments, stabilized.  
 Insulating material, optical instruments.  
 Keepers, deflection.  
 Keepers, range.  
 Keys, firing.  
 Keys, firing auto break.  
 Keys, firing, gun director (directorscope).  
 Keys, firing, quick break.  
 Kits, repair.  
 Kits, repair (optical instruments).  
 Lenses, fire-control instruments.  
 Lenses, optical instruments.  
 Lines, cross, telescope.  
 Mounts, rail, spotting glass.  
 Offset firing.  
 Oiling devices.  
 Outfits, testing.  
 Outfits, testing, optical  
 Periscopes.  
 Plotting devices.  
 Plotting instruments.  
 Projectors, course.  
 Projectors, range.  
 Quadrants, gunner's.  
 Quartz for optical prisms and lenses.

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**S71 FIRE CONTROL—Continued.****S71-8 Fire-control appliances and apparatus—Continued.**

Rakes, spotter's.  
 Range and deflection system, including instruments.  
 Range-finder adjusters.  
 Range-finder astigmatizers.  
 Range-finder boxes.  
 Range-finder collimators.  
 Range-finder hoods.  
 Range finder measuring devices.  
 Range-finder mounts.  
 Range-finder scales.  
 Range-finder, transmission-system, indicators.  
 Range finder, transmitters, optical.  
 Range finders.  
 Range finders, coincidence.  
 Range finders, stereoscopic.  
 Range keepers.  
 Receivers, battle-order, repeat back.  
 Receivers, stethoscopic, voice tubes.  
 Removed control.  
 Repeaters, compass.  
 Repeaters, "Evershed."  
 Repeaters, periscope.  
 Rules, slide.  
 Scales, optical.  
 Scales, speed.  
 Screens, clear-vision (director firing) and signal.  
 Selsyns.  
 Sextants.  
 Shafting, flexible.  
 Sights, gun-director.  
 Sights, stabilized, gun-director.  
 Ship-bearing system.  
 Solenoids.  
 Solenoids, director firing.  
 Solenoids, gun-firing.  
 Solver, enemy-bearing.  
 Solver, enemy-movement.  
 Solver, submarine attack.  
 Sound-proof booths.  
 Spotting devices, stabilized.  
 Spotting devices, submarine.  
 Spotting glasses.  
 Spray device (optical instrument).  
 Spyglasses.  
 Stadimeters.  
 Stations, plotting (nonstructural).  
 Stereoscope, optical  
 Stowage.  
 Stowage (optical instruments).  
 Switches, director firing.  
 Target-bearing system (including instruments).  
 Telautograph.  
 Telemeters, optical.  
 Telephones.  
 Telescopes.  
 Telescopes, battery commander.  
 Telescopes, bore-sight.

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**S71 FIRE CONTROL—Continued.****S71-8 Fire-control appliances and apparatus—Continued.**

Telescopes, gun.  
 Telescopes, gun director.  
 Telescopes, sight.  
 Telescopes, spotting.  
 Telescopes, water-tight for submarine wet-type gun  
 mounts.  
 Testers, acuity (optical).  
 Testers, range taker.  
 Testing outfits (fire control).  
 Testing outfits (optical).  
 Tilt correctors.  
 Torque amplifying system for control of director-  
 scopes.  
 Tracers, battle.  
 Tracers, dead reckoning.  
 Tracking instruments.  
 Transformers.  
 Transmission system, self-synchronizing.  
 Transmitters, arbitrary deflection.  
 Transmitters, battle-order, repeat back.  
 Transmitters, compass relay.  
 Transmitters, gun elevating.  
 Transmitters, revolution.  
 Transmitters, ship's bearing.  
 Vanes, wind.  
 Visuals, gun battle order (includes indicators, re-  
 ceivers, and transmitters, battle order).  
 Visuals, range.  
 Washing devices (optical).  
 Watches, stop.  
 Water-tightness.  
 Water-tightness (optical instruments).  
 Windows (optical instruments).  
 Windshields.  
 Wiring and wiring appliances.  
 Wrenches, telescope.

**S72 TURRETS.****S72-1 Turret structure and foundations.**

Backing plates.  
 Barbettes.  
 Brackets.  
 Bulkheads.  
 Cone plate.  
 Doors.  
 General arrangement plan.  
 Gun girders.  
 Hatches.  
 Hoods, sight.  
 Mantlet plates.  
 Platforms.  
 Roller-path alignment.  
 Roller separators.  
 Roller tracks and paths.  
 Roller-track foundations.

**S72 TURRETS—Continued.****S72-1 Turret structure and foundations—Continued.**

Rollers.  
 Roof girders, plates, and angles.  
 Shelf plate.  
 Stresses.  
 Structure and framing.  
 Structure below pan.  
 Tracks, liner.  
 Trunks, other than ammunition.  
 Turntables.  
 Turret pan.  
 Turret proper.  
 Turret stool.  
 Upper handling room.  
 Waterways.

**S72-2 Turret-turning machinery.**

Automatic stops.  
 Clutches.  
 Differential gears.  
 Gears, training.  
 Hand-turning gear.  
 Hydraulic speed gears.  
 Live rings.  
 Machinery and gear.  
 Motor generators.  
 Motors.  
 Pinions.  
 Power panels and motor controls.  
 Racks.  
 Rotary compensators.  
 Speed variation.  
 Switches, train.  
 Telemotors.  
 Turning gear, main and auxiliary.  
 Turret training-gear and machinery.  
 Worms.

**S72-3 Turret fittings.**

Blocking wedges.  
 Boxes, periscope.  
 Buffers, bumpers, and positive stops.  
 Centering pins.  
 Chests, division, gun.  
 Dismounting gear, gun, trolley tracks, etc.  
 Draining system.  
 Eyes, pad, handling breech plugs.  
 Grabs.  
 Gun-cleaning devices.  
 Holding-down bolts.  
 Holding-down clips.  
 Illuminated indicators, shafting, and gear.  
 Immersion tanks.  
 Locking devices, gun.  
 Muzzle rests, gun.  
 Port bucklers.  
 Rails.  
 Seats, pointer and trainer.  
 Securing gear.  
 Stowage, accessories, gun and mount.

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**S72 TURRETS—Continued.****S72-3 Turret fittings—Continued.**

Tracks and trolleys.  
 Trimming devices.  
 Turnbuckles.  
 Turret gunport air seals.  
 Turret port screens.  
 Watersheds.

**S72-4 Turret guns.**

Accidents and errors, machining turret gun forgings.  
 Attachments, gun director gear.  
 Ballistics.  
 Blasts.  
 Blow backs.  
 Bore lapping head.  
 Bore searchers.  
 Bores of guns.  
 Breech mechanism.  
 Calibration of guns.  
 Center of gravity, gun and mounts.  
 Chambers.  
 Curves, erosion.  
 Decoppering.  
 Deposits in bores.  
 Elongation and twist of gun liners.  
 Erosion.  
 Experimental firing.  
 Extractors, projectile.  
 Firing locks.  
 Firing trials.  
 Forgings.  
 Gas checks and pads.  
 Gauges, star.  
 Guides, primer, firing lock.  
 Guns, droop of.  
 Guns, jumps of.  
 Guns, life of.  
 Guns, relining of.  
 Guns, whip of.  
 Heat cracks, gun forgings.  
 Hoops.  
 Housings, gun.  
 Impression takers.  
 Jackets.  
 Latches, breech-mechanism.  
 Latches, salvo, breech-mechanism.  
 Life of guns.  
 Liners.  
 Mushrooms, breech-mechanism.  
 Muzzles.  
 Radial expansion process, gun construction.  
 Ranging data.  
 Regunning.  
 Rifling.  
 Rings, gas-check.  
 Rings, locking.  
 Screw boxes.  
 Seats, gas-check.  
 Seats, primer.

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**S72 TURRETS—Continued.**

- S72-4 Turret guns—Continued.**  
 Shoulders.  
 Shrinkages.  
 Star-gauging.  
 Tompions.  
 Trimming and paralleling.  
 Trams.  
 Tubes.  
 Yokes.
- S72-5 Slides, turret guns.**  
 Bars, shoulder, mounts.  
 Chambers, expansion.  
 Countercoil system.  
 Edges, knife.  
 Liquid, recoil.  
 Lubrication.  
 Pistons.  
 Plungers.  
 Recoil cylinders.  
 Recuperator system.  
 Rods, spring, counter-recoil.  
 Shields, gun and mount.  
 Spring compressors.  
 Springs, counter-recoil.  
 Strips, rubbing, whip of gun.  
 Trunnion and bearings.
- S72-6 Deck lugs, turret guns.**  
 Bearings, ball.  
 Buffers and positive stops.  
 Cap squares.  
 Castings.  
 Cover plates.  
 Cups, grease.  
 Rings, adjusting.  
 Trunnion bushings.
- S72-7 Sights, turret guns.**  
 Adapters, sight.  
 Arc slides.  
 Arcs.  
 Battens, sight-checking.  
 Bore sights.  
 Cams, sight.  
 Castings, sight.  
 Corrector, turret roller-path.  
 Covers, sight.  
 Deflection, sight.  
 Dials, sight.  
 Drums, sight.  
 Illumination, sight.  
 Scales, sight.  
 Sight bars and marks.  
 Sight graduations.  
 Sight lighting.  
 Sight yokes.  
 Strips, range, sight.
- S72-8 Gas-ejecting system, turret guns (covers that part of the system that is on guns only).**
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**S72 TURRETS—Continued.**

- S72-9 Elevating gear and machinery turret guns.**  
 Adapters, variable speed gear.  
 Attachments, elevating.  
 Clutches, friction, gun-elevating.  
 Control gear, elevating motor.  
 Gears, cross-connecting, gun-elevating.  
 Gears, variable-speed, gun-elevating.  
 Gun-elevating gear, main and auxiliary.  
 Increasing elevation.  
 Switches, gun-elevating control.
- S72-10 Ammunition hoists, turret.**  
 Ammunition cars.  
 Brakes, sheel-hoist, electric motors.  
 Carriers, projectile.  
 Counters, ammunition.  
 Controllers, ammunition-hoist.  
 Doors, safety.  
 Flaps, flame-proof.  
 Flaps, powder.  
 Hoist trunks.  
 Latches, powder-car.  
 Plates, baffle, powder-hoist speed gear.  
 Powder chutes.  
 Powder-passing scuttles.  
 Shutters, ammunition-hoist.  
 Switches, hoist.  
 Trays, loading and transfer.  
 Trays, powder.  
 Trays, projectile.  
 Trays, spanning.
- S72-11 Rammers, turret guns.**  
 Controls, switches, and gear (turret rammer).  
 Seating of projectile in gun.  
 Spars, backing out, projectile.
- S72-12 Ammunition supply.**  
 Accessories and attachments for turrets, turret guns, etc., belong with the apparatus for which designed. For ventilation of turrets, see S38. For sprinkling system turret, see S48-6.

**S73 BROADSIDE GUNS.**

- S73-1 Guns (broadside).**  
 Accidents and errors, machine gun forgings.  
 Attachments, automatic.  
 Attachments, firing, mechanical.  
 Attachments, gun, director gear.  
 Ballistics.  
 Blasts, effect of.  
 Blow-backs.  
 Bore lapping head.  
 Bore searchers.  
 Bores of guns.  
 Breech mechanism.  
 Calibration.  
 Center of gravity, guns and mounts.  
 Chambers.  
 Decoppering.
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**S73 BROADSIDE GUNS—Continued.****S73-1 Guns (broadside)—Continued.**

Deposits in bores.  
 Dismounting gear, trolleys, tracks, etc.  
 Droop.  
 Ellongation and twist of gun liners.  
 Erosion.  
 Erosion curves.  
 Experimental firing.  
 Extractors, projectile.  
 Eyes, pad, handling of breech plugs.  
 Firing devices, foot, mechanical.  
 Firing devices, mechanical.  
 Firing trials.  
 Forgings.  
 Gas-check rings.  
 Gas-check seats.  
 Gas checks and pads.  
 Gas-ejecting system (broadside guns; covers that part of the system that is on the gun only).  
 Gauges, gun.  
 Gauges, star.  
 Guides, primer, firing lock.  
 Guns and mounts sent to and received from proof.  
 Guns, nonrecoil.  
 Guns, relining of.  
 Heat cracks, gun forgings.  
 Hoops.  
 Housings.  
 Impression takers.  
 Jackets.  
 Jump.  
 Keys, firing, mechanical.  
 Lanyards.  
 Latches, salvo.  
 Life.  
 Liners.  
 Locks.  
 Locking rings.  
 Monoblock guns (radial expansion process).  
 Mortars.  
 Mushrooms, breech mechanism.  
 Muzzle bags.  
 Parallelism.  
 Primer seats.  
 Ranging data.  
 Rifling.  
 Saluting guns.  
 Screw boxes.  
 Seating of projectiles.  
 Shrinkages.  
 Shoulders.  
 Slewing devices.  
 Star-gauging.  
 Tompions.  
 Trams and tramping.  
 Tubes.  
 Whip.  
 Yokes.

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**S73 BROADSIDE GUNS—Continued.****S73-2 Mounts (broadside guns).**

Angles for train and elevation.  
 Arc slides for broadside mounts.  
 Arcs for broadside mounts.  
 Attachments, elevating.  
 Bars, shoulder, mount.  
 Bearings, ball.  
 Bolt holes in deck.  
 Brackets, gun mount.  
 Brakes, gun mount.  
 Buffers, gun mount.  
 Carriage.  
 Castings.  
 Chambers, expansion.  
 Circles, deck, gun mount.  
 Clips, holding-down.  
 Clutches, friction, gun mount.  
 Compressors, spring, gun mount.  
 Cover plates.  
 Cups, grease.  
 Depression rails.  
 Division chests.  
 Drives, friction.  
 Elevating and training gear.  
 Embrasures.  
 Foundations and stiffeners.  
 Gauges, gun-mount.  
 Gear drives.  
 Gears, balancing.  
 Gears, training.  
 Gun platforms.  
 Gun shields.  
 Gun-port coamings.  
 Gun-port plates.  
 Gun-port shutters.  
 Gun-port sill plates.  
 Gun-port structures.  
 Gun-port wing plates.  
 Holding-down bolts.  
 Knife edges.  
 Levers, gun-mount.  
 Liquid, recoil.  
 Lockers, gun-gear.  
 Locking devices.  
 Muzzle rests.  
 Pistons.  
 Plungers.  
 Recoil cylinders.  
 Recuperator system.  
 Reentrant ports.  
 Rings, adjusting.  
 Rods, spring, counter-recoil.  
 Roller paths and bearings.  
 Seats, pointer and trainer.  
 Securing gear.  
 Slides.  
 Sponsons.  
 Spray shields.

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**S73 BROADSIDE GUNS—Continued.**

- S73-2 Mounts—Continued.**  
 Springs.  
 Stands.  
 Stops, gun-mount.  
 Training gear.  
 Trunnion pressure.  
 Trunnions and bearings.
- S73-3 Sights (broadside guns).**  
 Adapters, sight.  
 Battens, sight-checking.  
 Bore sights.  
 Cans, sight.  
 Castings, sight.  
 Covers, sight.  
 Deflection, sight.  
 Dials, sight.  
 Drums, sight.  
 Scales, sight.  
 Sight bars and marks.  
 Sight mechanism.  
 Sights, open.  
 Sights, panoramic.  
 Sights, peep.  
 Strips, range, sight.
- S73-4 Loading equipment (broadside guns).**  
 Rammers.  
 Trays, loading.  
 Trays, projectile.  
 Trays, powder.

**S74 ANTI-AIRCRAFT GUNS.**

- S74-1 Guns (antiaircraft).**  
 Accidents and errors in machining gun forging.  
 Ballistics.  
 Blasts, effect of.  
 Blowbacks.  
 Bore lapping head.  
 Bores of guns.  
 Breech mechanism.  
 Deposits in gun bores.  
 Experimental firing.  
 Erosion gun.  
 Firing trials.  
 Forgings.  
 Guns, double purpose.  
 Guns, machine.  
 Guns, relining of.  
 Life of gun.  
 Rammers.  
 Rifling.  
 Salvo latches.
- S74-2 Mounts (antiaircraft guns).**  
 Carriage.  
 Carriages, machine-gun.  
 Cover-plates.  
 Elevating and training' gear.  
 Foundations and siffeners.

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**S74 ANTI-AIRCRAFT GUNS—Continued.**

- S74-2 Mounts—Continued.**  
 Holding-down bolts.  
 Recoil cylinders.  
 Slides.  
 Stands.  
 Stops.
- S74-3 Sights (antiaircraft guns).**  
**S74-4 Loading equipment (antiaircraft guns).**

**S75 TORPEDOES.**

- S75-1 Torpedoes.**  
 After bodies (torpedo).  
 Air-flask forgings.  
 Air-flasks.  
 Antennae (aerial torpedo).  
 Antennae (radio-controlled torpedo).  
 Anticircular run device.  
 Bearings, gyro.  
 Bombs for net cutters.  
 Buckets, gyro.  
 Bulkheads, afterbody.  
 Bulkheads, air-flask.  
 Bulkheads, water-compartment.  
 Castings.  
 Coils.  
 Cold shots (superheater failures).  
 Curved fire mechanism.  
 Cutters, net.  
 Depth mechanism.  
 Depth-setting mechanism.  
 Detonators, war-head.  
 Distance gear.  
 Dynamometer, testing.  
 Engines, main power plant.  
 Engines, steering.  
 Exercise heads.  
 Exploders and exploder mechanism.  
 Figure run (circular run) device.  
 Firing speed.  
 Flasks, combustion.  
 Flasks, fuel.  
 Forgings.  
 Forgings, air-flask, closed end.  
 Forgings, air-flask, open end.  
 Forgings, air-flask, screwed water-compartment end.  
 Gears, bevel.  
 Gears, steering.  
 Governing gear.  
 Gyro-bearing shock absorbers.  
 Gyro mechanism.  
 Gyro-setting mechanism.  
 Gyros, air sustained.  
 Gyros, mechanical and electric.  
 Heads, war.  
 Heat troubles.  
 Hose.  
 Igniters (combined fuse and pistol).
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**S75 TORPEDOES—Continued.**

**S75-1 Torpedoes—Continued.**  
 Immersion gear.  
 Immersion-gear diaphragms.  
 Immersion-gear spring cases.  
 Index mechanism.  
 Joints, joint rings, and screws.  
 Knife edges, balancing.  
 Knives, war-head.  
 Net cutters.  
 Nozzles.  
 Pendulum.  
 Pistols.  
 Pistols, torpedo.  
 Pivots, gyro.  
 Plates, baffle.  
 Pots, oil.  
 Pots, torch (Holmes's lights).  
 Power plants.  
 Preheaters.  
 Propellers.  
 Pumps, oil.  
 Rods, steering.  
 Rudder rods and yokes.  
 Rudders, horizontal.  
 Rudders, vertical.  
 Shafting.  
 Siphons.  
 Spindles, stop valve.  
 Sprays, calibrating.  
 Sprays, fuel and water.  
 Springs, calibrating and test.  
 Starting gear.  
 Starting levers.  
 Strainers.  
 Studs, guide.  
 Submergence tests.  
 Superheaters (generator, steam).  
 Syphons.  
 Tailguards (tail braces).  
 Tanks.  
 Tests and specifications.  
 Torpedo design, military characteristics and general requirements.  
 Torpedo examination record sheets.  
 Torpedoes, aerial.  
 Torpedoes, aircraft.  
 Torpedoes, alignment of.  
 Torpedoes, electric.  
 Torpedoes, exothermic.  
 Torpedoes, fully ready.  
 Torpedoes, gliding.  
 Torpedoes, obsolete.  
 Torpedoes, radio-controlled.  
 Torpedoes, ready.  
 Torpedoes, sinking of.  
 Torpedoes, streamline.  
 Torpedoes, towing.  
 Torpedoes, underbottom.

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**S75 TORPEDOES—Continued.****S75-1 Torpedoes—Continued.**

Tracers, oil.  
 Turbines.  
 Valves, exhaust.  
 Valves, fuel and water.  
 Valves, reducing.  
 Water compartments.  
 Water-spray coolers.  
 Water trippers.  
 Wheels, turbine.  
 Worm drive.

**S75-2 Torpedo tubes and launching gear.**

Barrels.  
 Bow cap and shutters.  
 Breech door and locking gear.  
 Charges, impulse.  
 Clamps.  
 Cups, oil and grease.  
 Curved fire-setting devices.  
 Depth-setting devices.  
 Drains.  
 Dummy torpedoes for tube testing.  
 Expanders.  
 Firing valves and mechanism.  
 Foundations.  
 Gauges, air and water.  
 Gears, elevating.  
 Gears, training.  
 Guides.  
 Heating jackets.  
 Holding-down bolts.  
 Impulse cases, torpedo-launching.  
 Impulse tanks.  
 Lashings.  
 Loading skids.  
 Locking gear for muzzle door.  
 Pedestals and braces.  
 Pivots.  
 Ports.  
 Rollers and roller paths.  
 Saddles.  
 Seats, pointer and trainer.  
 Securing-pad eyes.  
 Sights.  
 Sights, bore.  
 Sluice valves.  
 Spoons and spoon extension.  
 Stands.  
 Stop bolt and mechanism.  
 Swirl reducers.  
 Tanks, torpedo-firing.  
 Testing outfit, including ejection, velocity, and pressure-testing apparatus.  
 Torpedo-firing mechanism (mechanical).  
 Torpedo tubes, above water.  
 Torpedo tubes, alignment of.  
 Torpedo tubes, center line.  
 Torpedo tubes, submarine.

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**S75 TORPEDOES—Continued.****S75-2 Torpedo tubes and launching gear—Continued.**

Torpedo tubes, submerged.  
 Torpedo-tube assembly (assigned and installed on ships).  
 Tripping latches and mechanism.  
 Vents.

**S75-3 Torpedo handling, loading, and stowage (shipment).**

Attachments, fuel-filling, tanks and piping, oil, water, etc.  
 Boxes, gyro.  
 Boxes, torpedo and war-head.  
 Buoys.  
 Buffers.  
 Cleats.  
 Cranes, torpedo, and gear complete.  
 Deck trucks for handling war heads.  
 Elevators and elevating machinery.  
 Exercise heads, stowage.  
 Gyro-adjusting stands.  
 Gyro hand-balancing fixtures.  
 Handling apparatus.  
 Hoists, torpedo, air and electric, in torpedo rooms.  
 Locating devices.  
 Lockers, gyro.  
 Stands, adjusting.  
 Stowage.  
 Stowage, detonators.  
 Stowage, heads, war, exercise, and collision.  
 Stowage, net-cutter bombs.  
 Stowage, torches.  
 Straps.  
 Tools and equipment.  
 Torpedo rooms.  
 Trucks.

**S76 MINES AND DEPTH CHARGES.****S76-1 Mines, mine handling, and mine stowage.**

Acoustic mines. (See Mines, experimental.)  
 Anchored mines (submarine).  
 Anchors.  
 Antennae.  
 Batteries, mine-firing.  
 Bombs, towing.  
 Boxes, mine tools.  
 Breakers, circuit.  
 Buoys.  
 Cases, booster.  
 Circuit closers.  
 Clips, wire-rope.  
 Controlled mines.  
 Davits.  
 Deck fittings.  
 Delay devices.  
 Detonators.  
 Drifting mines (floating mines).  
 Electrical protective devices.  
 Escapement gear (detents).

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**S76 MINES AND DEPTH CHARGES—Continued.****S76-1 Mines, mine handling, and mine stowage—Continued.**

Experimental mines.  
 Extenders.  
 Filler.  
 Firing, circuit.  
 Firing devices (includes K devices).  
 Float sets.  
 Fuzes, mine.  
 Grids.  
 Grips, wire-rope.  
 H devices (contact horns).  
 Horns, electrochemical.  
 Hydraulic buffer.  
 Launching trucks.  
 M devices.  
 Machines, cable-winding.  
 Magnetic mines (experimental mines). (See Mark VII mines.)  
 Mine bogies.  
 Mine boosters.  
 Mine cases.  
 Mine experiments.  
 Mine handling and stowage.  
 Mine-laying gear.  
 Mine tubes.  
 Mines, floating.  
 Mines—loss.  
 Oscillating mines.  
 Plummet spools.  
 Plummets, mine-anchor.  
 Pots, dash, mine-anchor.  
 Primers.  
 Slip hooks.  
 Strain insulators, Mark IX mines.  
 Sylphons.  
 Tactical mines (drifting and oscillating).  
 Taut-wire machines.  
 Testing outfits.  
 Tidal mines.  
 Towing mines.  
 Tracks.  
 Turnbuckles.  
 Washers, soluble.

**S76-2 Depth charges, depth-charge handling, and depth-charge stowage.**

Ammunition, Y guns (depth-charge projector).  
 Arbors.  
 Bomb throwers.  
 Boosters.  
 Brackets, mechanical control.  
 Buoys.  
 Cases.  
 Conduits, mechanical control.  
 Controls.  
 Covers, other than canvas.  
 Deck fittings, hydraulic control.  
 Depth charge primers.  
 Depth-charge projectors (Y guns).

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**S76 MINES AND DEPTH CHARGES—Continued.****S76-2 Depth charges, depth-charge handling, etc.—Continued.**

Detonators.  
 Escapement gear.  
 Experimental depth charges.  
 Extender mechanism.  
 Forks, safety.  
 Hangers, hydraulic control.  
 Piping, hydraulic control.  
 Pistols.  
 Sheaves and fair leads.  
 Siphons.  
 Tanks, hydraulic control.  
 Tracks.  
 Transmitters and pumps, hydraulic control.  
 Trucks.  
 Valves, hydraulic control.  
 Wire ropes, mechanical control.

**S76-3 Wrecking charges, wrecking-charge handling, and wrecking-charge stowage.**

Charges.  
 Detonators.  
 Firing batteries.  
 Firing cables.

**S77 GAS AND SMOKE WARFARE APPARATUS.****S77-1 Offensive equipment (gas and smoke warfare).**

Boxes, smoke.  
 Cardboard cartridges and chemicals.  
 Chemical warfare agents.  
 Cylinders, gas.  
 Fan and gear.  
 Fillers for projectiles, grenades, and bombs.  
 Flame throwers.  
 Gas-cloud apparatus.  
 Ignition devices.  
 Nozzles.  
 Phosphorous and water-tight drums.  
 Smoke boxes (floating type).  
 Smoke funnels (fixed type).  
 Stench producers.  
 Tetrachloride (smoke producer).  
 Tin canister and fuses.  
 Toxic smoke screen apparatus.  
 Tubing.  
 Wood mounts.  
 Wooden boxes.

**S77-2 Defensive equipment (gas and smoke warfare).**

Air purifiers and scrubbers.  
 Filters.  
 Gas mask charges (tanks).  
 Gas masks.  
 Gas protective clothing.  
 Neutralizing agents.  
 Tubing.  
 Ventilating cowls and buckets.

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**S78 AMMUNITION, HANDLING AND STOWAGE (EXCEPT  
HANDLING AND STOWAGE IN TURRETS).**

**S78-1 Ammunition.**

Adamsite.  
Adapters, fuse.  
Adapters, projectile.  
Annealing cartridge case.  
Ammonium picrate.  
Bags, burster.  
Bags, ignition.  
Bags, powder.  
Bodies, projectile illuminating.  
Bourreret projectile.  
Bursts AA projectile.  
Charges, booster.  
Charges, burster.  
Charges, ignition.  
Caps, fuse.  
Caps, primer.  
Caps, projectile.  
Cartridge cases.  
Cartridges, machine gun.  
Center of gravity, projectiles.  
Containers, booster.  
Covers, fuse.  
Crimping machine, cartridge case.  
Cups, mouth.  
Defective ammunition.  
Diaphragms, projectile.  
Filler, projectile.  
Fixed ammunition.  
Fuses, antiaircraft.  
Fuses, detonator, long delay.  
Fuses, projectile.  
Fuses, superheater, torpedo.  
Fuses, time.  
Fuses, water impact.  
Gas checks, projectile.  
Grenades, hand and rifle.  
Grommets, projectile.  
Gun cotton.  
Howitzer ammunition.  
Instructions for preparation of ammunition.  
Luting, fuse thread.  
Misfires, ammunition.  
Parachutes, illuminating projectile.  
Pentaerythritoltetranitrate toluol.  
Pieces, distance.  
Plugs, cork.  
Plugs, projectile.  
Plungers, fuse.  
Points, projectile.  
Powder, black.  
Powder, brown.  
Powder charges.  
Powder, cordite.  
Powder, flashless.  
Powder, fuse.  
Powder, impulse, torpedo.

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**S78 AMMUNITION, HANDLING AND STOWAGE—Continued.****S78-1 Ammunition—Continued.**

Powder, life of.  
 Powder, saluting.  
 Powder, smokeless.  
 Powder, smokeless, disposition of remnants, re-  
 working and sale of.  
 Premature firing (ammunition).  
 Primer, gun-cotton.  
 Primers.  
 Projectile bands.  
 Projectile bases.  
 Projectiles, armor-piercing.  
 Projectiles, anti-aircraft.  
 Projectiles, case shot.  
 Projectiles, class B.  
 Projectiles, common.  
 Projectiles, Davis gun.  
 Projectiles, double-band.  
 Projectiles, flat-nose, nonricochet.  
 Projectiles, gas.  
 Projectiles, gyroscopic.  
 Projectiles, high-explosive.  
 Projectiles, illuminating.  
 Projectiles, incendiary.  
 Projectiles, line-throwing.  
 Projectiles, marker.  
 Projectiles, proof-shot.  
 Projectiles, smoke.  
 Projectiles, spotting.  
 Projectiles, stream-line.  
 Projectiles, target.  
 Projectiles, time of flight.  
 Reserve ammunition.  
 Saluting charges.  
 Setters, fuse.  
 Shrapnel.  
 Shrapnel bands.  
 Shrapnel, incendiary.  
 Streamers, projectile.  
 Test sheets, powder.  
 Tracers, fuse.  
 Train, powder, fuse.  
 Trinitrotoluol.  
 Wads.  
 Weights.  
 Windshields, projectile.

**S78-2 Ammunition handling.**

Ammunition supply.  
 Bomb carriers.  
 Buckets.  
 Chains.  
 Containers.  
 Conveyors.  
 Davits.  
 Eyebolts, projectile.  
 Flame seals.  
 Guides.  
 Hoist machinery and gear (except turret).

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**S78 AMMUNITION, HANDLING AND STOWAGE—Continued.**

- S78-2 Ammunition handling—Continued.**  
 Hoists, broadside (except trunk).  
 Painting devices.  
 Passing scuttle.  
 Scuttles, powder.  
 Slings, projectile.  
 Stabilizing device.  
 Tables.  
 Tongs.  
 Tracks, trolley.  
 Trays.  
 Trolleys.  
 Trucks, powder, tank.  
 Trunks, projectile.  
 Whips.

- S78-3 Ammunition stowage.**  
 Bins, powder.  
 Bomb stowage.  
 Bottles, powder.  
 Boxes, ammunition.  
 Boxes, cartridge.  
 Boxes, detonator.  
 Boxes, detonator, torpedo.  
 Boxes, fuse.  
 Boxes, powder.  
 Boxes, primer.  
 Boxes, projectile.  
 Cartons, smokeless-powder samples.  
 Gauges.  
 Handling rooms.  
 Lockers.  
 Magazines (ship).  
 Motometers, powder-surveillance test ovens.  
 Ovens, powder-testing.  
 Paper, powder-heat test.  
 Racks, bomb, cranes and gear.  
 Ready-service stowage.  
 Rooms.  
 Straps, ammunition-box.  
 Tanks, cartridge.  
 Tanks, powder.  
 Testing outfits.  
 Thermometers, surveillance oven.  
 Wrenches, ammunition-tank.  
 Wrenches, cartridge.  
 Wrenches, fuse.  
 Wrenches, powder-tank.

**S79 FIELD AND MACHINE GUNS—SMALL ARMS AND EQUIPMENT.**

- S79-1 Boat guns.**  
 Mounts and circles, boat.  
 Stowage.  
 Sights.
- S79-2 Field guns.**  
 Breech mechanism.  
 Carriages.

**S79 FIELD AND MACHINE GUNS, ETC.—Continued.**

- S79-2 Field guns—Continued.**  
 Field guns and mounts.  
 Lanyards, gun.  
 Limbers.  
 Ropes, drag and check.  
 Spares and accessories.  
 Stowage.  
 Telescopes and sights.
- S79-3 Machine guns.**  
 Belt-filling machines.  
 Belts, ammunition.  
 Carriages, landing.  
 Covers, feed.  
 Ejectors.  
 Limbers.  
 Mounts, rail.  
 Plates, breast.  
 Pouches, gunner's.  
 Spares and accessories.  
 Stowage.  
 Telescopes and sights.
- S79-4 Small arms and landing force equipment.**  
 Accessories.  
 Armory (ship).  
 Bandoliers.  
 Bayonets.  
 Belts (cartridge and waist).  
 Canteens.  
 Cutlasses.  
 Discharges, rifle, for lights and grenades.  
 Ejectors, rifle.  
 Haversacks.  
 Holsters, pistol.  
 Irons, climbing.  
 Lockers, accoutrement.  
 Nets, sleeping and head.  
 Pistols.  
 Ponchos.  
 Projectiles, mortar, stokes.  
 Revolvers.  
 Rifles.  
 Scabbards.  
 Shotguns (including riot guns).  
 Slings and straps, canteens.  
 Stems, gun.  
 Stick bombs.  
 Stowage.  
 Stowage (small and side arms).  
 Submachine guns.  
 Swords.  
 Telescopes and sights.  
 Tools, entrenching.
- S79-5 Landing guns.**
- S80 GUN BATTERIES.**  
 Guns, relining of.  
 Regunning.
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**S81 MINE, TORPEDO, BOMB, AND SPLINTER PROTECTION  
(OTHER THAN STRUCTURAL).**

- S81-1 Mine sweeping.**  
 Buoy lines and anchors (mine channel marking).  
 Buoys and buoy lines.  
 Counter mining.  
 Explosive scissors.  
 Foundations.  
 High speed mine sweeping.  
 Kite safety gear.  
 Kite, water.  
 Low speed mine sweeping.  
 Magnetic and experimental mine sweeping.  
 Mine-sweeping gear and spares.  
 Nets.  
 Reels.  
 Strain indicators.  
 Sweep safety gear.  
 Wire, kite.  
 Wire, sweep.
- S81-2 Paravanes and gear.**  
 Booms and davits.  
 Chocks.  
 Fair-leads.  
 Rigging (ropes, chains, blocks, and fittings).  
 Stem extension.
- S81-3 Torpedo protection.**  
 Torpedo nets and booms.
- S81-4 Bomb and splinter protection.**
- S81-5 Mine, cable and net cutting devices.**
- S81-6 Degaussing.**
- S81-8 Protective devices.**
- S81-9 Acoustic mine sweeping.**

**S82 BOATS.**

- S82-1 Boat stowage and handling (except cranes, which are under S17; Towers, masts, spars, etc.).**  
 Chocks.  
 Cleats  
 Cradles.  
 Davits and fittings.  
 Falls.  
 Releasing gear.  
 Strong backs.
- S82-2 Boat fittings and outfits (general correspondence; see note).**
- S82-3 Special types of boats (other than standard).**
- S82-4 Steamers.**
- S82-5 Motor barges.**
- S82-6 Motor boats.**
- S82-7 Motor sailing launches.**
- S82-8 Motor dories.**
- S82-9 Motor lifeboats (motor whaleboats).**
- S82-10 Sea sleds.**
- S82-11 Torpedo retriever boats.**
- S82-12 Racing cutters.**
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**S82 BOATS—Continued.**

- S82-13 Cutters.
- S82-14 Whaleboats.
- S82-15 Dinghies.
- S82-16 Dories, pulling.
- S82-17 Wherries.
- S82-18 Punts.
- S82-19 Camels and pontoons. (For "Salvage pontoons," see YSP.)
- S82-20 Life rafts.
- S82-21 Life boats, pulling.
- S82-22 Surf boats, pulling.

Boat fittings and outfits, S82-2, include all articles listed on pages 32a-3 and 32a-6 to 32a-8, Boat Instructions.

**S83 AIRPLANE HANDLING AND STOWAGE ON SHIPS.**

For "Derricks, booms, and cranes for handling airplanes over the side," see S17.

- S83-1 Hangars, stowage, hoisting gear and.
  - Deck handling gear.
  - Deck handling gear, including interior traveling crane, trolleys, and track, and other fittings for airplane handling.
  - Hangar space.
  - Hangars and stowage.
  - Hoisting gear.
  - Transportation trucks.
- S83-2 Catapults and catapult gear.
  - Launching devices, runways, gear.
- S83-3 Arresting gear.
  - B gear.
  - Emergency barricade.
  - Landing gear.
- S83-4 Airplane-recovering devices.

**S84 AIRSHIP, KITE, AND BALLOON HANDLING AND STOWAGE.**

For "Mooring masts and fittings," see S17-2.

**S85 PHOTOGRAPHY.**

- S85-1 Motion-picture photography.
  - Acids and chemicals.
  - Cabinets, tables, and benches.
  - Camera, recording AA.
  - Cameras, complete.
  - Dark rooms, printing rooms, and mounting rooms and equipment.
  - Developing and printing.
  - Drying drums.
  - Film containers.
  - Film counters.
  - Films.
  - Foundations and supports.
  - Gunnery taking.
  - Lantern slides.
  - Lens and lens mountings.

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**S85 PHOTOGRAPHY—Continued.**

- S85-1 Motion-picture photography—Continued.**  
 Light boxes for film marking.  
 Lockers, chemical and clothes.  
 Motion-picture machines.  
 Motion-picture photography (aerial).  
 Motion-picture photography (ground).  
 Paper (developing and printing).  
 Polishers.  
 Print washers and print dryers.  
 Printers.  
 Program (film).  
 Rewinders.  
 Screens.  
 Sinks.  
 Splicing stands.  
 Tanks and trays.  
 Title-making machine.  
 Tripods.
- S85-2 Still photography.**  
 Acids and chemicals.  
 Cabinets, tables, and benches.  
 Cameras, complete.  
 Dark rooms, printing room, and mounting rooms and equipment.  
 Developing and printing.  
 Films.  
 Foundations and stiffeners.  
 Gunnery taking.  
 Lens and lens mountings.  
 Light boxes for film marking.  
 Lockers, chemical and clothes.  
 Mapping.  
 Paper (printing and developing).  
 Plates.  
 Polishers.  
 Print washers and print dryers.  
 Printers.  
 Sinks.  
 Still photography (aerial).  
 Still photography (ground).  
 Tanks and trays.  
 Tripods.
- S85-3 Photographs.**
- S85-4 Sound motion-picture photography and reproducers.**

**S86 INSTRUCTION AND PRACTICE APPARATUS.**

- S86-1 Ship-control instruction apparatus.**  
 Attack teacher (submarine).  
 Boards, instruction.  
 Mooring boards, torpedo-tactical.
- S86-2 Fire-control instruction apparatus.**  
 Aiming apparatus.  
 Dotted.  
 Spotting boards and gear.  
 Targets, dotter.  
 Teachers, director firing.
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**S86 INSTRUCTION AND PRACTICE APPARATUS—Continued.**

- S86-3**     **Gun, mine and depth-charge crew-instruction apparatus.**  
 Aiming apparatus.  
 Ammunition, dummy.  
 Attachment, ex-caliber and subcaliber.  
 Cartridges, drill.  
 Cartridges, dummy.  
 Castings, backing out, drill shell.  
 Dotters.  
 Dummy charges.  
 Dummy depth-charge.  
 Guns, drill.  
 Guns, dummy.  
 Guns, ex caliber.  
 Guns, subcaliber.  
 Machines, drill.  
 Machines, loading.  
 Mines, dummy.  
 Powder charges, dummy and drill.  
 Primers, drill.  
 Targets, dotter.  
 Teachers, deflection.
- S86-4**     **Other forms of instruction apparatus.**
- S86-5**     **War-game outfits.**
- S86-6**     **Rifle ranges on shipboard.**

**S87 INSTRUMENTS NOT COVERED IN OTHER GROUPS.**

Aerological equipment.  
 Asynchronizer.  
 Averaging instruments (general).  
 Borescopes.  
 Calorimeters.  
 Chronographs for measuring velocities.  
 Combustible gas indicator.  
 Displaceometer.  
 Dynamometers, hydraulic and brake.  
 Dynamic balancing machines.  
 Exograph.  
 Gas detectors.  
 Gauge boards.  
 Gauge cocks.  
 Gauge glasses.  
 Gauge-testing machines.  
 Gauges, air.  
 Gauges, air-pressure.  
 Gauges, indicating.  
 Gauges, miscellaneous.  
 Gauges, pressure.  
 Gauges, recording.  
 Gauges, steam.  
 Gauges, strain.  
 Gauges, testing.  
 Gauges, vacuum.  
 Gauges, water.  
 Hydrogen detectors, nonelectric.  
 Hydrograph.  
 Hydrometers, alcohol-testing.

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**S87 INSTRUMENTS NOT COVERED IN OTHER GROUPS—Con.**

Hydrometers, general.  
 Indicator strain.  
 Indicators, engine.  
 Liquid meters.  
 Manometers.  
 Measuring devices, liquid. (For Fuel-oil measuring devices, see S55-5.)  
 Meters, condensation.  
 Meters, disk.  
 Meters, flow.  
 Meters, notch.  
 Meters, venturi.  
 Oxygen outlets.  
 Photometers.  
 Pneumercators. (See also Fuel-oil group, etc.)  
 Pyrometers, nonelectric.  
 Seelerscopes.  
 Sound-timing device, torpedo.  
 Stabilograph.  
 Stroboscopes.  
 Tachometers.  
 Telemeters.  
 Testing sets (general).  
 Thermometers (general).  
 Thrust meters.  
 Torsion meters (shaft).  
 Vibragraph.  
 Vibragraph (vibration testing machines).  
 Warp indicator.

**S88 DAMAGE CONTROL.**

- S88-1 Damage Control books.**  
 Preparation.  
 Arrangement.  
 Diagrams.  
 Plans.
- S88-2 Stations, equipment, and instruments, control officer station, repair party station, repair party equipment, casualty boards, compartment check-off list, and card holders.**
- S88-3 Damage control practice instruction and reports of practices.**
- S88-4 List and trim control.**  
 Counter flooding.  
 Drainage of counter flooding valves.  
 Water ballast compensating system.

**S89 (Blank).**

**S90 (Blank).**

**S91 SHIP UPKEEP SHOPS AND EQUIPMENT.**

- S91-1 Workshops.**  
 Accessory overhaul shops (on ships).  
 Battery work shops.  
 Blacksmith shops (smithery).
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**S91 SHIP UPKEEP SHOPS AND EQUIPMENT—Continued.**

- S91-1 Workshops—Continued.**  
 Carpenter shops.  
 Dope shops.  
 Electric workshops.  
 Engine-overhaul machine shops.  
 Engine-overhaul shops.  
 Engine parts, cleaning room (aviation).  
 Engine-test shops.  
 Foundaries.  
 General electric repair stations.  
 General workshops.  
 Gyrocompass repair shops.  
 Instrument repair shops.  
 Machine shops.  
 Metal wire and welding shops.  
 Optical repair shops (fire-control repair shops.)  
 Pattern shops.  
 Pipe and coppersmith shops.  
 Plumbers' shops.  
 Radio repair shops.  
 Sheet-metal shops.  
 Tool issuing rooms.  
 Torpedo repair shops.  
 Wing covering and fuselage repair shops.  
 Wing repair shops.  
 Wood-working shops.
- S91-2 Stationery equipment, workshops, on ships (general correspondence).**  
 Band saws.  
 Blacksmiths' lockers.  
 Boring machines.  
 Crucibles.  
 Drill presses.  
 Engine test stands.  
 Engine test stands.  
 Engraving machines.  
 Forges.  
 Foundations, stiffeners, and structural brackets.  
 Furnaces.  
 Grinders.  
 Hack saws (power).  
 Hangers, pulleys, shafting, and belting.  
 Key-cutting machines.  
 Lathes.  
 Lathes, precision, cabinet type.  
 Milling machines.  
 Pipe-cutting and threading machines.  
 Planers and shapers.  
 Plumbers' and fitters' lockers.  
 Saw tables.  
 Trolley tracks and jib cranes for handling material in workshops.  
 Turning machines, tinsmiths.  
 Wood lathes.
- S91-3 Caissons and cofferdams (repair).**  
**S91-4 Repair-party station (S88-2).**
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**S92 TOOLS AND EQUIPMENT, PORTABLE (NOT ALLOCATED UNDER OTHER HEADINGS).**

Anvils.  
 Arc-welding outfits.  
 Attachments for machine tools.  
 Bellows.  
 Bench rammers.  
 Bending slabs.  
 Boxes, tool.  
 Brazing outfits.  
 Bridge gauges and special tools.  
 Chain falls.  
 Chain hoists (blocks and trolley).  
 Chisels.  
 Cutters (milling machine).  
 Cutting outfits, gas.  
 Cylinder boring machine.  
 Dies, forging.  
 Drawers.  
 Drill chucks and sockets.  
 Drills.  
 Drills (portable).  
 Drip pans.  
 Electric drills.  
 Feelers, micrometer.  
 Flasks.  
 Flatters.  
 Fullers.  
 Gun-boring outfit.  
 Hammers.  
 Hand and loose tools.  
 Jacks, hand.  
 Jacks, hydraulic.  
 Jacks, screw.  
 Kettles (glue, pitch, etc.).  
 Kits, repair.  
 Ladles.  
 Lead-burning outfits.  
 Lifting tongs.  
 Lockers.  
 Micrometers.  
 Oil blowtorch with tank.  
 Oxyacetylene welding outfit.  
 Pneumatic drills.  
 Pneumatic hammers, riveting and scaling.  
 Portable tools, miscellaneous.  
 Pouring shank.  
 Punch and shears.  
 Punches.  
 Riddles.  
 Sand troughs.  
 Scrap-metal bins.  
 Shackle tool sets.  
 Sledges.  
 Solder pots.  
 Soldering irons.  
 Staves, cleaner.  
 Swages, ship's tools.  
 Tallow tanks.

**S92 TOOLS AND EQUIPMENT, PORTABLE—Continued.**

Taps and dies.  
 Tongs.  
 Tool and gear boards.  
 Tool racks and shelves.  
 Trash cans.  
 Tube cleaners and expanders.  
 Underwater cutting equipment.  
 Valve-reseating machines.  
 Vises.  
 Waste and oil cans or boxes.  
 Welding rods.  
 Wood trimmers.  
 Work benches.  
 Wrenches and expanders.

**S93 FIRE FIGHTING (SHIP).**

For fire main, flooding, and sprinkling systems,  
 see S48-3.  
 Buckets and stands.  
 Couplings and reducers, fire-hose.  
 Fire and rescue-party equipment.  
 Fire doors.  
 Fire extinguishers, chemical (complete).  
 Fire extinguishers (portable).  
 Fire extinguishers (stationary).  
 Fire extinguishing (steam smothering system).  
 Foundations and racks.  
 Hose.  
 Inert gases (nitrogen, etc.).  
 Monitors, fire.  
 Nozzles, spanners, and stowage.  
 Racks and reels, fire-hose.  
 Rescue breathing apparatus.  
 Steam fire extinguishers, bunker, fuel-oil tanks,  
 grate, etc., with piping and valves.  
 Tools and stowage.  
 Water curtain.

**S94 SALVAGE.**

For salvage air system, see S49.  
 Box, faking (for throwing lines).  
 Decompression stages.  
 Diving apparatus (pumps, suits, etc.).  
 Diving and wrecking gear.  
 Diving bells.  
 Guns, line-throwing.  
 Lines (throwing or shot).  
 Recompression chamber.  
 Spare parts.  
 Stowage.  
 Submarine rescue apparatus.

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## NAME TITLE GROUPS.

AB-AZ Auxiliary ships.  
BB Battleships.  
CA-CL Cruisers.  
CM Mine layers.  
CV Aircraft carriers.  
DD-DM Destroyers and light mine layers.  
DMS Mine sweepers.  
EA-EZ U. S. Government Executive Departments and Foreign Governments.  
FA-FV Fleets.  
GA-HZ Government establishments, independent, etc.  
IX Unclassified vessels, naval.  
JC-JS Materials.  
KA-KW Marine corps organizations.  
LA-LV Civilian personnel.  
MA-MZ Enlisted personnel.  
NA-NZ Shore establishments.  
OA-OZ Officer personnel.  
PC-PYc Patrol vessels.  
QA-QZ Miscellaneous name titles.  
SM Mine laying submarines.  
SS Submarines.  
VB-VT Heavier-than-air aircraft.  
YA-YY District Craft.  
ZK-ZZ Lighter-than-air aircraft.

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**AB AUXILIARIES—CRANE SHIPS.**

AB1 Kearsarge (ex-BB5).

**AC AUXILIARIES—COLLIERS.**

AC5	Vulcan (stricken).	AC12	Jason (ex-AV2) (stricken).
AC6	Mars (stricken).	AC13	Abarenda (ex-AG14) (stricken).
AC8	Neptune (stricken).	AC14	Ajax (ex-AG15).
AC9	Proteus (stricken).	AC16	Caesar (stricken).
AC10	Nereus (stricken).		
AC11	Orion (stricken).		

**AD AUXILIARIES—DESTROYER TENDERS.**

AD2	Melville.	AD13	Rigel (now ARb1).
AD3	Dobbin.	AD14	Dixie.
AD4	Whitney.	AD15	Prairie.
AD5	Prairie (stricken).	AD16	Cascade.
AD8	Buffalo (stricken).	AD17	Piedmont.
AD9	Black Hawk.	AD18	Sierra.
AD10	Bridgeport (ex-AR2)	AD19	Yosemite.
AD11	Altair.	AD20	Hamul (ex-AK30).
AD12	Denebola.	AD21	Markab (ex-AK31).

**AE AUXILIARIES—AMMUNITION SHIPS.**

AE1	Pyro.	AE5	Rainier.
AE2	Nitro.	AE6	Shasta.
AE3	Lassen.	AE7	Henry Gibbins.
AE4	Kilauea.		

**AF AUXILIARIES—STORESHIPS.**

AF1	Bridge.	AF9	Yukon.
AF5	Pompey (stricken).	AF10	Aldebaran.
AF6	Rappahannock (stricken).	AF11	Polaris.
		AF12	Mizar.
AF7	Arctic.	AF13	Tarazed.
AF8	Boreas.	AF14	Uranus.

**AG AUXILIARIES—MISCELLANEOUS.**

AG1	Hannibal.	AG17	Wyoming (ex-BB32).
AG5	General Alava (stricken).	AG18	Stoddert (stricken).
		AG19	Boggs (ex-DD136; now DMS3).
AG6	Dubuque (now PG17).	AG20	Kilty (now DD137).
AG7	Paducah (now PG18).	AG21	Lamberton (ex-DD- 119; now DMS2).
AG10	Antares (now AKS3).	AG22	Radford (ex-DD120) (stricken).
AG11	Procyon (stricken).		
AG12	Gold Star.	AG23	Sequoia.
AG13	Pensacola (stricken).	AG24	Semmes (ex-DD- 189).
AG14	Abarenda (now AC13).	AG25	Potomac (ex-AT50) (stricken).
AG15	Ajax (now AC14) (stricken).	AG26	Cuyahoga (stricken).
AG16	Utah (ex-BB31).		

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## AG AUXILIARIES—MISCELLANEOUS—Continued.

AG27	Robert L. Barnes (ex-AO14).	AG32	Sumner (ex-Bush- nell; now AS2).
AG28	Manley (ex-DD74; now APD1).	AG33	Kaula.
AG29	Bear.	AG34	Alcor.
AG30	Bowditch.	AG35	Calypso.
AG31	Argonne (ex-AS10; ex-AP4).		

## AH AUXILIARIES—HOSPITAL SHIPS.

AH1	Relief.	AH4	Mercy (stricken).
AH2	Solace (stricken).	AH5	Solace.
AH3	Comfort (stricken).		

## AK AUXILIARIES—CARGO SHIPS.

AK2	Kittery (stricken).	AK29	Delta.
AK3	Newport News (stricken).	AK30	Hamul (now AD20).
AK4	Bath (stricken).	AK31	Markab (now AD21).
AK6	Beaufort (stricken).	AK32	John R. R. Hannay.
AK13	Capella.	AK34	Meigs.
AK14	Regulus.	AK35	Liberty.
AK15	Sirius.	AK36	William R. Gibson.
AK16	Spica.	AK37	Ludington.
AK17	Vega.	AK38	Irvin L. Hunt.
AK18	Arcturus.	AK39	Mendocino.
AK19	Procyon.	AK40	Will H. Point.
AK20	Bellatrix.	AK41	Hercules.
AK21	Electra.	AK42	Mercury.
AK22	Fomalhaut.	AK43	Jupiter.
AK23	Alchiba.	AK44	Aroostook(ex-CM3).
AK24	Alcyone.	AK45	Catherine(now AP41 Stratford).
AK25	Algorab.	AK46	Pleiades.
AK26	Alhena.	AK47	Aquila.
AK27	Almaack.	AK48	Rita Maersk.
AK28	Betelgeuse.		

## AKS AUXILIARIES—GENERAL-STORES—ISSUE SHIPS.

AKS1	Castor.
AKS2	Pollux.
AKS3	Antares (ex-AG10).

## AL AUXILIARIES—LIGHT SHIPS NAVY.

## AM AUXILIARIES—MINE SWEEPERS.

AM1	Lapwing (now AVP1).	AM13	Turkey.
AM2	Owl.	AM14	Woodcock.
AM3	Robin.	AM15	Quail.
AM4	Swallow (stricken).	AM16	Partridge.
AM5	Tanger.	AM17	Eider.
AM6	Cardinal (stricken).	AM18	Thrush (now AVP3).
AM7	Oriole.	AM19	Avocet (now AVP4).
AM8	Curlew.	AM20	Bobolink.
AM9	Finch.	AM21	Lark.
AM10	Heron (now AVP2).		

## AM AUXILIARIES—MINE SWEEPERS—Continued.

AM22	Widgeon (now ASR1).	AM77	Goldfinch.
AM23	Teal (now AVP5).	AM79	Goshawk.
AM24	Brant.	AM80	Goldcrest.
AM25	Kingfisher.	AM81	Chaffinch.
AM26	Rail.	AM82	Adroit.
AM27	Pelican (now AVP6).	AM83	Advent.
AM28	Falcon (now ASR2).	AM84	Annoy.
AM30	Seagull.	AM85	Conflict.
AM31	Tern.	AM86	Constant.
AM32	Flamingo.	AM87	Daring.
AM33	Penguin.	AM88	Dash.
AM34	Swan (now AVP7).	AM89	Despite.
AM35	Whippoorwill.	AM90	Direct.
AM36	Bittern.	AM91	Dynamic.
AM37	Sanderling (stricken).	AM92	Effective.
AM39	Chewink (now ASR3).	AM93	Engage.
AM40	Cormorant.	AM94	Excel.
AM41	Gannet (now AVP8).	AM95	Exploit.
AM43	Grebe.	AM96	Fidelity.
AM44	Mallard (now ASR4).	AM97	Fierce.
AM45	Ortolan (now ASR5).	AM98	Firm.
AM46	Peacock (stricken).	AM99	Force.
AM47	Pigeon (now ASR6).	AM100	Heed.
AM48	Redwing.	AM101	Herald.
AM51	Sandpiper (now AVP9).	AM102	Motive.
AM52	Vireo.	AM103	Oracle.
AM53	Warbler (now ARS11).	AM104	Pilot.
AM54	Willet (now ARS12).	AM105	Pioneer.
AM55	Raven.	AM106	Portent.
AM56	Osprey.	AM107	Prevail.
AM57	Auk.	AM108	Pursuit.
AM58	Broadbill.	AM109	Requisite.
AM59	Chickadee.	AM110	Right.
AM60	Nuthatch.	AM111	Sage.
AM61	Pheasant.	AM112	Seer.
AM62	Sheldrake.	AM113	Sentinel.
AM63	Skylark.	AM114	Staff.
AM64	Starling.	AM115	Skill.
AM65	Swallow.	AM116	Speed.
AM66	Bullfinch.	AM117	Strive.
AM67	Cardinal.	AM118	Steady.
AM68	Catbird.	AM119	Sustain.
AM69	Curlew.	AM120	Sway.
AM70	Flicker.	AM121	Swerve.
AM71	Albatross.	AM122	Swift.
AM72	Bluebird.	AM123	Symbol.
AM73	Grackle.	AM124	Threat.
AM74	Gull.	AM125	Tide.
AM75	Kite.	AM126	Token.
AM76	Linnet.	AM127	Tumult.
		AM128	Velocity.
		AM129	Vital.
		AM130	Usage.
		AM131	Zeal.

## Amb AUXILIARIES—MINE SWEEPERS—HARBOR.

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## AMc AUXILIARIES—MINE SWEEPERS COASTAL.

AMc1	Pipit.	AMc57	Phoebe.
AMc2	Magpie.	AMc58	Rhea.
AMc3	Plover.	AMc59	Ruff.
AMc4	Goshawk (now AM79).	AMc60	Chanticleer (now YF318).
AMc5	Kestrel.	AMc61	Acme.
AMc6	Heath Hen.	AMc62	Adamant.
AMc7	Bunting.	AMc63	Advance.
AMc8	Cockatoo.	AMc64	Aggressor.
AMc9	Crossbill.	AMc65	Assertive.
AMc10	Longspur.	AMc66	Avenge.
AMc11	Sanderling.	AMc67	Bold.
AMc12	Grouse.	AMc68	Bulwark.
AMc13	Hornbill.	AMc69	Combat.
AMc14	Condor.	AMc70	Conqueror.
AMc15	Waxbill.	AMc71	Conquest.
AMc16	Chatterer.	AMc72	Courier.
AMc17	Pintail.	AMc73	Defiance.
AMc18	Nightingale.	AMc74	Demand.
AMc19	Grosbeak.	AMc75	Detector.
AMc20	Crow.	AMc76	Dominant.
AMc21	Kildeer.	AMc77	Endurance.
AMc22	Flamingo.	AMc78	Energy.
AMc23	Blue Jay	AMc79	Exultant.
AMc24	Egret.	AMc80	Fearless.
AMc25	Canary.	AMc81	Fortitude.
AMc26	Humming Bird.	AMc82	Governor.
AMc27	Frigate Bird.	AMc83	Guide.
AMc28	Mocking Bird.	AMc84	Heroic.
AMc29	Puffin.	AMc85	Ideal.
AMc30	Reedbird.	AMc86	Industry.
AMc31	Sparrow (now Yn53 Marin).	AMc87	Liberator.
AMc32	Courser.	AMc88	Loyalty.
AMc33	Firecrest.	AMc89	Memorable.
AMc34	Parrakeet.	AMc90	Merit.
AMc35	Road Runner.	AMc91	Observer.
AMc36	Accentor.	AMc92	Paramount.
AMc37	Bateleur.	AMc93	Peerless.
AMc38	Barbet.	AMc94	Pluck.
AMc39	Brambling.	AMc95	Positive.
AMc40	Caracara.	AMc96	Power.
AMc41	Chachalaca.	AMc97	Prestige.
AMc42	Chimango.	AMc98	Progress.
AMc43	Cotinga.	AMc99	Radiant.
AMc44	Courlan.	AMc100	Reliable.
AMc45	Develin.	AMc101	Rocket.
AMc46	Fulmar.	AMc102	Royal.
AMc47	Jacamar.	AMc103	Security.
AMc48	Limpkin.	AMc104	Skipper.
AMc49	Lorikeet.	AMc105	Stalwart.
AMc50	Marabout.	AMc106	Summit.
AMc51	Ostrich.	AMc107	Trident.
AMc52	Roller.	AMc108	Valor.
AMc53	Skimmer.	AMc109	Victor.
AMc54	Tapacola.	AMc110	Vigor.
AMc55	Turaco.	AMc111	Agile.
AMc56	Kingbird.	AMc112	Affray.

## AN AUXILIARIES—NET LAYING SHIPS.

AN1	Monitor.	AN4	Saugus.
AN2	Montauk.	AN5	Keokuk (ex-Columbia Heights).
AN3	Osage.		

## AO AUXILIARIES—OILERS.

AO1	Kanawha.	AO17	Mattole.
AO2	Maumee.	AO18	Rapidan.
AO3	Cuyama.	AO19	Salinas.
AO4	Brazos.	AO20	Sepulga.
AO5	Neches.	AO21	Tippecanoe.
AO6	Pecos.	AO22	Cimarron.
AO7	Arethusa (stricken).	AO23	Neosho.
AO8	Thompson, Sara (stricken).	AO24	Platte.
AO9	Patoka.	AO25	Sabine.
AO10	Sapelo.	AO26	Salamonie.
AO11	Ramapo.	AO27	Kaskaskia.
AO12	Trinity.	AO28	Sangamon.
AO13	Barnes, Robert L. (now AG27).	AO29	Santee.
AO14		AO30	Chenung.
AO15	Kaweah.	AO31	Chemango.
AO16	Laramie.	AO32	Guadalupe.
		AO33	Suwannee.

## AOG AUXILIARIES—GASOLINE TANKERS.

AOG1	Patapsco.	AOG4	Wabash.
AOG2	Rappahannock.	AOG5	Susquehanna.
AOG3	Rio Grande.		

## AP AUXILIARIES—TRANSPORTS.

AP1	Henderson.	AP21	Wakefield.
AP2	Doyen (ex-Heywood).	AP22	Mount Vernon.
AP4	Argonne (ex-AS10; now AG31).	AP23	West Point.
AP5	Chaumont.	AP24	Orizaba.
AP6	William Ward Burrows.	AP25	Leonard Wood.
AP7	Wharton.	AP26	Joseph T. Dickmat.
AP8	Harris.	AP27	Hunter Liggett.
AP9	Zeilin.	AP28	Kent.
AP10	McCawley.	AP29	U. S. Grant.
AP11	Barnett.	AP30	Henry T. Allen.
AP12	Heywood.	AP31	Chateau Thierry.
AP13	George F. Elliott.	AP32	Saint Mihiel.
AP14	Fuller.	AP33	Republic.
AP15	William P. Biddle.	AP34	J. Franklin Bell.
AP16	Neville.	AP35	American Legion.
AP17	Harry Lee.	AP36	Irwin.
AP18	Feland.	AP37	President Jackson.
AP19	Catlin (stricken).	AP38	President Adams.
AP20	Munargo.	AP39	President Hayes.
		AP40	Crescent City.
		AP41	Stratford (ex-Catherine, AK45).

## APD AUXILIARIES—HIGH SPEED (DESTROYERS) TRANSPORTS.

APD1	Manley (ex-AG28; ex-DD74).	APD4	Little (ex-DD79).
APD2	Colhoun (ex-DD85).	APD5	McKean (ex-DD90).
APD3	Gregory (ex-DD82).	APD6	Stringham (ex-DD83).

**APL AUXILIARIES—BARRACK SHIPS.**

APL1 Edmund B. Alexander.

**APP AUXILIARIES—TROOP BARGES, CLASS A.****APT AUXILIARIES—TROOP BARGES, CLASS B.****APV AUXILIARIES—AIRCRAFT TRANSPORTS.**

APV1 Kitty Hawk.

APV2 Hammondsport.

**AR AUXILIARIES—REPAIR SHIPS.**

AR1 Medusa. AR5 Vulcan.

AR2 Bridgeport (now AD10). AR6 Ajax.

AR3 Prometheus. AR7 Hector.

AR4 Vestal. AR8 Jason.

**ARb AUXILIARIES—BASE REPAIR SHIPS.**

ARb1 Rigel (ex-AD13).

**ARD AUXILIARIES—FLOATING DRY DOCKS.**

ARD1 Floating Dry Dock No. 1. | ARD2 Floating Dry Dock No. 2.

**ARS AUXILIARIES—SALVAGE SHIPS.**

ARS1 Viking. ARS7 Grapple.

ARS2 Crusader. ARS8 Preserver.

ARS3 Discoverer. ARS9 Shackle.

ARS4 Redwing. ARS11 Warbler (ex-AM53).

ARS5 Diver. ARS12 Willet (ex-AM54).

ARS6 Escape.

**ARV AUXILIARIES—AIRCRAFT REPAIR SHIPS.****AS AUXILIARIES—SUBMARINE TENDERS.**AS1 <sup>1/2</sup> Fulton (now PG49) AS11 Fulton.

(stricken). AS12 Sperry.

AS2 Bushnell (now Sum- AS13 Griffin.

ner; ex-AG32). AS14 Pelias.

AS3 Holland. AS15 Bushnell.

AS5 Beaver. AS16 Neptune.

AS6 Camden (now IX42). AS17 Nereus.

AS7 Rainbow (stricken). AS18 Orion.

AS8 Savannah (stricken). AS19 Proteus.

AS9 Canopus. AS20 Otus.

AS10 Argonne (ex-AP4; AS21 Antaeus.  
now AG31).**ASR AUXILIARIES—SUBMARINE RESCUE VESSELS.**

ASR1 Widgeon (ex-AM22). ASR7 Chanticleer.

ASR2 Falcon (ex-AM28). ASR8 Coucal.

ASR3 Chewink (ex-AM39). ASR9 Florikan.

ASR4 Mallard (ex-AM44). ASR10 Greenlet.

ASR5 Ortolan (ex-AM45). ASR11 Macaw.

ASR6 Pigeon (ex-AM47).

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## AT AUXILIARIES—FLEET TUGS (OCEAN GOING).

AT10	Patapsco (stricken).	AT47	Osceola (stricken).
AT11	Patuxent (stricken).	AT49	Piscataqua (stricken).
AT12	Sonoma.		
AT13	Ontario.	AT50	Potomac (now AG-25) (stricken).
AT14	Arapaho (stricken).	AT52	Navajo (stricken).
AT15	Mohave (stricken).	AT55	Genesee.
AT16	Tillamook (now YT-122).	AT56	Lykens (stricken).
AT17	Wando (now YT123)	AT58	Undaunted.
AT18	Chemung (stricken).	AT59	Challenge (now YT-126).
AT19	Allegheny.		
AT20	Sagamore.	AT60	Bay Spring (now YNG19).
AT21	Bagaduce		
AT22	Tadousac (stricken).	AT63	Acushnet.
AT23	Kalmia.	AT64	Navajo.
AT24	Kewaydin.	AT65	Seminole.
AT25	Umpqua.	AT66	Cherokee.
AT26	Wandank.	AT67	Apachee.
AT27	Tatnuck.	AT68	Catawba.
AT28	Sunnadin.	AT69	Chippewa.
AT29	Mahopac.	AT70	Choctaw.
AT30	Sciota.	AT71	Hopi.
AT31	Koka (stricken).	AT72	Kiowa.
AT32	Napa.	AT73	Menominee.
AT33	Pinola.	AT74	Pawnee.
AT34	Algorma.	AT75	Sioux
AT35	Carrabassett.	AT76	Ute.
AT36	Contocook (stricken)	AT77	Tuscarora.
AT37	Iuka.	AT78	Carib.
AT38	Keosanqua.	AT79	Yuma.
AT39	Montcalm.	AT80	Yaqui.
AT46	Iroquois (stricken).		

## AV AUXILIARIES—SEAPLANE TENDERS.

AV1	Wright.	AV7	Currituck.
AV2	Jaxon (now AC12) (stricken)	AV8	Tangier.
AV3	Langley (ex-CV1).	AV9	Pocomoke
AV4	Curtiss.	AV10	Chandeleur.
AV5	Albermarle.	AV11	Norton Sound
AV6	Patoka.	AV12	Pine Island
		AV13	Puget Sound

## AVC AUXILIARIES—CATAPULT LIGHTER S.

## AVD AUXILIARIES—SEAPLANE TENDERS (DESTROYERS).

AVD1	Childs (ex-DD241; ex-AVP14).	AVD7	William B. Preston (ex-DD344).
AVD2	Williamson (ex-DD-244; ex-AVP15).	AVD8	Belknap (ex-DD-251).
AVD3	George E. Badger (ex-DD196).	AVD9	Osmond Ingram (ex-DD255).
AVD4	Clemson (ex-DD-186).	AVD10	Ballard (ex-DD267).
AVD5	Goldsborough (ex-DD188).	AVD11	Thornton (ex-DD-270).
AVD6	Hulbert (ex-DD-342).	AVD12	Gillis (ex-DD260).
		AVD13	Green (ex-DD266).
		AVD14	McFarland (ex-DD-237).

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## AVG AUXILIARIES—ESCORT VESSELS (AIRCRAFT).

AVG1 Long Island.

## AVP AUXILIARIES—AIRPLANE TENDERS.

AVP1	Lapwing (ex-AM1).	AVP15	Williamson (ex-DD-244; now AVD2).
AVP2	Heron (ex-AM10).	AVP21	Humboldt.
AVP3	Thrush (ex-AM18).	AVP22	Matagorda.
AVP4	Avocet (ex-AM19).	AVP23	Absecon.
AVP5	Teal (ex-AM23).	AVP24	Chincoteague.
AVP6	Pelican (ex-AM27).	AVP25	Coos Bay.
AVP7	Swan (ex-AM34).	AVP26	Half Moon.
AVP8	Gannet (ex-AM41).	AVP27	Mobjack.
AVP9	Sandpiper (ex-AM-51).	AVP28	Oyster Bay.
AVP10	Barnegat.	AVP29	Rockaway.
AVP11	Biscayne.	AVP30	San Pablo.
AVP12	Casco.	AVP31	Unimak.
AVP13	Mackinac.	AVP32	Yakutat.
AVP14	Childs (ex-DD241; now AVD1).		

## AVR AUXILIARIES—AIRCRAFT RESCUE VESSELS.

## AW AUXILIARIES—DISTILLING SHIPS.

## AWK AUXILIARIES—WATER TANKERS.

## AZ AUXILIARIES—LIGHTER-THAN-AIR AIRCRAFT TENDERS.

## BB BATTLESHIPS.

BB5	Kearsarge (now AB1).	BB40	New Mexico.
BB18	Connecticut (stricken).	BB41	Mississippi.
BB19	Louisiana (stricken).	BB42	Idaho.
BB20	Vermont (stricken).	BB43	Tennessee.
BB21	Kansas (stricken).	BB44	California.
BB22	Minnesota (stricken).	BB45	Colorado.
BB25	New Hampshire (stricken).	BB46	Maryland.
BB26	South Carolina (stricken).	BB47	Washington (stricken).
BB27	Michigan (stricken).	BB48	West Virginia.
BB28	Delaware (stricken).	BB49	South Dakota (stricken).
BB29	North Dakota (stricken).	BB50	Indiana (stricken).
BB30	Florida (stricken).	BB51	Montana (stricken).
BB31	Utah (now AG16).	BB52	North Carolina (stricken).
BB32	Wyoming (now AG17).	BB53	Iowa (stricken).
BB33	Arkansas.	BB54	Massachusetts (stricken).
BB34	New York.	BB55	North Carolina.
BB35	Texas.	BB56	Washington.
BB36	Nevada.	BB57	South Dakota.
BB37	Oklahoma.	BB58	Indiana.
BB38	Pennsylvania.	BB59	Massachusetts.
BB39	Arizona.	BB60	Alabama.
		BB61	Iowa.
		BB62	New Jersey.
		BB63	Missouri.

**BB BATTLESHIPS—Continued.**

BB64	Wisconsin.	BB68	Ohio.
BB65	Illinois.	BB69	Maine.
BB66	Kentucky.	BB70	New Hampshire.
BB67	Montana.	BB71	Louisiana.

**CA HEAVY CRUISERS.**

CA2	Rochester (stricken).	CA30	Houston.
CA4	Pittsburgh (stricken).	CA31	Augusta.
CA5	Huntington (stricken).	CA32	New Orleans.
CA7	Pueblo (stricken).	CA33	Portland.
CA8	Frederick (stricken).	CA34	Astoria.
CA9	Huron (stricken).	CA35	Indianapolis.
CA11	Seattle (now IX39).	CA36	Minneapolis.
CA12	Charlotte (stricken).	CA37	Tuscaloosa.
CA13	Missoula (stricken).	CA38	San Francisco.
CA18	St. Louis (stricken).	CA39	Quincy.
CA19	Charleston (stricken).	CA44	Vincennes.
CA24	Pensacola.	CA45	Wichita.
CA25	Salt Lake City.	CA68	Baltimore.
CA26	Northampton.	CA69	Boston.
CA27	Chester.	CA70	Pittsburgh.
CA28	Louisville.	CA71	St. Paul.
CA29	Chicago.	CA72	Albany.
		CA73	Rochester.
		CA74	Columbus.
		CA75	Des Moines.

**CB LARGE CRUISERS.**

CB1	Alaska.	CB4	Philippines.
CB2	Guam.	CB5	Puerto Rico.
CB3	Hawaii.	CB6	Samoa.

**CC BATTLE CRUISERS.**

CC2	Constellation (stricken).	CC5	Constitution (stricken).
CC4	Ranger (stricken).	CC6	United States (stricken).

**CF CRUISERS WITH FLYING DECK.****CL LIGHT CRUISERS.**

CL1	Chester (stricken).	CL15	Olympia (now IX40).
CL2	Birmingham (stricken).	CL16	Denver (stricken).
CL3	Salem (stricken).	CL17	Des Moines (stricken).
CL4	Omaha.	CL18	Chattanooga (stricken).
CL5	Milwaukee.	CL19	Galveston (stricken).
CL6	Cincinnati.	CL20	Tacoma (stricken).
CL7	Raleigh.	CL21	Cleveland (stricken).
CL8	Detroit.	CL22	New Orleans (stricken).
CL9	Richmond.	CL23	Albany (stricken).
CL10	Concord.	CL40	Brooklyn.
CL11	Trenton.		
CL12	Marblehead.		
CL13	Memphis.		

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## CL LIGHT CRUISERS—Continued.

CL41	Philadelphia.	CL67	Topeka.
CL42	Savannah.	CL76	New Haven.
CL43	Nashville.	CL77	Huntington.
CL46	Phoenix.	CL78	Dayton.
CL47	Boise.	CL79	Wilmington.
CL48	Honolulu	CL80	Biloxi.
CL49	St. Louis.	CL81	Vicksburg.
CL50	Helena.	CL82	Providence.
CL51	Atlanta.	CL83	Manchester.
CL52	Juneau.	CL85	Fargo.
CL53	San Diego.	CL86	Cheyenne.
CL54	San Juan.	CL87	Duluth.
CL55	Cleveland.	CL89	Miami.
CL56	Columbia.	CL90	Wilkes-Barre.
CL57	Montpelier.	CL91	Oklahoma City.
CL58	Denver.	CL92	Little Rock.
CL59	Amsterdam.	CL93	Galveston.
CL60	Santa Fe.	CL94	Youngstown.
CL61	Tallahassee.	CL95	Oakland.
CL62	Birmingham.	CL96	Renov.
CL63	Mobile.	CL97	Spokane.
CL64	Flint.	CL98	Tucson.
CL65	Pasadena.	CL99	Buffalo.
CL66	Springfield.	CL100	Newark.

## CM MINE LAYERS.

CM1	Baltimore (stricken).	CM4	Oglala.
CM2	Tahoe (stricken).	CM5	Terror.
CM3	Aroostook (now AK44).	CM6	Catskill.
		CM7	Ozark.

## CMc MINE LAYERS—COASTAL.

CMc3	Wassuc.	CMc6	Columbia Heights (now AN5).
CMc4	Monadnock.		
CMc5	Miantonomah.		

## CV AIRCRAFT CARRIERS.

CV1	Langley (now AV3).	CV11	Intrepid.
CV2	Lexington.	CV12	Kearsarge.
CV3	Saratoga.	CV13	Franklin.
CV4	Ranger.	CV14	Hancock.
CV5	Yorktown.	CV15	Randolph.
CV6	Enterprise.	CV16	Cabot.
CV7	Wasp.	CV17	Bunker Hill.
CV8	Hornet.	CV18	Oriskany.
CV9	Essex.	CV19	Ticonderoga.
CV10	Bon Homme Rich- ard.		

## DD DESTROYERS.

DD22	Paulding (stricken).	DD27	Sterrett (stricken).
DD23	Drayton (stricken).	DD28	McCall (stricken).
DD24	Roe (stricken).	DD29	Burrows (stricken).
DD25	Terry (stricken).	DD30	Warrington (strick- en).
DD26	Perkins (stricken).		

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## DD DESTROYERS—Continued.

DD31	Mayrant (stricken).	DD82	Gregory (now APD3).
DD32	Monaghan (stricken).	DD83	Stringham (now APD6).
DD33	Trippe (stricken).	DD84	Dyer (stricken).
DD34	Walke (stricken).	DD85	Colhoun (now APD2).
DD35	Ammen (stricken).	DD86	Stevens (stricken).
DD36	Patterson (stricken).	DD87	McKee (stricken).
DD37	Fanning (stricken).	DD88	Robinson (stricken).
DD38	Jarvis (stricken).	DD89	Ringgold (stricken).
DD39	Henley (stricken).	DD90	McKeenan (now APD5).
DD40	Beale (stricken).	DD91	Harding (stricken).
DD41	Jouett (stricken).	DD92	Gridley (stricken).
DD42	Jenkins (stricken).	DD93	Fairfax (stricken).
DD43	Cassin (stricken).	DD94	Taylor (stricken).
DD44	Cummings (stricken).	DD95	Bell (stricken).
DD45	Downes (stricken).	DD100	Schley.
DD46	Duncan (stricken).	DD104	Champlin (stricken).
DD47	Aylwin (stricken).	DD105	Mugford (stricken).
DD48	Parker (stricken).	DD106	Chew.
DD49	Benham (stricken).	DD107	Hazlewood (stricken).
DD50	Balch (stricken).	DD108	Williams (stricken).
DD51	O'Brien (stricken).	DD109	Crane.
DD52	Nicholson (stricken).	DD113	Rathburne.
DD53	Winslow (stricken).	DD114	Talbot.
DD54	McDougal (stricken).	DD115	Waters.
DD55	Cushing (stricken).	DD116	Dent.
DD56	Ericsson (stricken).	DD117	Dorsey (now DMS1).
DD57	Tucker (stricken).	DD118	Lea.
DD58	Conyngham (stricken).	DD119	Lamberton (ex-AG21; now DMS2).
DD59	Porter (stricken).	DD120	Radford (also AG22) (stricken).
DD60	Wadsworth (stricken).	DD121	Montgomery (now DM17).
DD62	Wainwright (stricken).	DD122	Breese (now DM18).
DD63	Sampson (stricken).	DD123	Gamble (now DM-15).
DD64	Rowan (stricken).	DD124	Ramsay (now DM-16).
DD65	Davis (stricken).	DD125	Tattnall.
DD66	Allen.	DD126	Badger.
DD67	Wilkes (stricken).	DD127	Twiggs (stricken).
DD68	Shaw (stricken).	DD128	Babbitt.
DD69	Caldwell (stricken).	DD130	Jacob Jones.
DD70	Conway (ex-Craven) (stricken).	DD131	Buchanan (stricken).
DD71	Gwin (stricken).	DD132	Aaron Ward (stricken).
DD72	Conner (stricken).	DD133	Hale (stricken).
DD73	Stockton (stricken).	DD134	Crownshield (stricken).
DD74	Manley (ex-AG28; now APD1).	DD135	Tillman (stricken).
DD75	Wickes (stricken).		
DD76	Philip (stricken).		
DD78	Evans (stricken).		
DD79	Little (now APD4).		
DD80	Kimberly (stricken).		
DD81	Sigourney (stricken).		

## DD DESTROYERS—Continued.

DD136	B o g g s (ex-AG19; now DMS3).	DD188	Goldsborough (now AVD5).
DD137	Kilty (ex-AG20).	DD189	Semmes (now AG24).
DD138	Kennison.	DD190	Satterlee (stricken).
DD139	Ward.	DD191	Mason (stricken).
DD140	Claxton (stricken).	DD193	Abel P. Upshur (stricken).
DD141	Hamilton (now DMS18).	DD194	Hunt (stricken).
DD142	Tarbell.	DD195	Welborn C. Wood (stricken).
DD143	Yarnall (stricken).	DD196	George E. Badger (now AVD3).
DD144	Upshur.	DD197	Branch (stricken).
DD145	Greer.	DD198	Herndon (stricken).
DD146	Elliot (now DMS4)	DD199	Dallas.
DD147	Roper.	DD206	C h a n d l e r ( n o w DMS9).
DD148	Breckenridge.	DD207	S o u t h a r d ( n o w DMS10).
DD149	Barney.	DD208	H o v e y ( n o w DMS11).
DD150	Blakeley.	DD209	Long (now DMS12).
DD151	Biddle.	DD210	Broome.
DD152	DuPont.	DD211	Alden.
DD153	Bernadou.	DD212	Smith Thompson (stricken).
DD154	Ellis.	DD213	Barker.
DD155	Cole.	DD214	Tracey (now DM19).
DD156	J. Fred Talbott.	DD215	Borie.
DD157	Dickerson.	DD216	John D. Edwards.
DD158	Leary.	DD217	Whipple.
DD159	Schenck.	DD218	Parrott.
DD160	Herbert.	DD219	Edsall.
DD161	P a l m e r ( n o w DMS5).	DD220	MacLeish.
DD162	Thatcher (stricken).	DD221	Simpson.
DD163	W a l k e r ( n o w DCH-1, IX44).	DD222	Bulmer.
DD164	Crosby.	DD223	McCormick.
DD165	Meredith (stricken).	DD224	Stewart.
DD166	Bush (stricken).	DD225	Pope.
DD167	Cowell (stricken).	DD226	Peary.
DD168	Maddox (stricken).	DD227	Pillsbury.
DD169	Foote (stricken).	DD228	John D. Ford.
DD170	Kalk (stricken).	DD229	Truxtun.
DD175	Mackenzie (strick- en).	DD230	Paul Jones.
DD176	Renshaw (stricken).	DD231	Hatfield.
DD177	O'Bannon (strick- en).	DD232	Brooks.
DD178	Hogan (now DMS6).	DD233	Gilmer.
DD179	H o w a r d ( n o w DMS7).	DD234	Fox.
DD180	Stansbury (now DMS8).	DD235	Kane.
DD181	Hopewell (stricken).	DD236	Humphreys.
DD182	Thomas (stricken).	DD237	McFarland (now AVD14).
DD183	Haraden (stricken).	DD238	James K. Paulding (stricken).
DD184	Abbot (stricken).	DD239	Overton.
DD185	Doran (ex-Bagley) (stricken).	DD240	Sturtevant.
DD186	C l e m s o n ( n o w AVD4).	DD241	Childs (ex-AVP14; now AVD1).
DD187	Dahlgren.		

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## DD DESTROYERS—Continued.

DD242	King.	DD289	Flusser (stricken).
DD243	Sands.	DD290	Dale (stricken).
DD244	Williamson (ex- AVP15) (now AVD2).	DD291	Converse (stricken).
DD245	Reuben James.	DD292	Reid (stricken).
DD246	Bainbridge.	DD293	Billingsley (stricken).
DD247	Goff.	DD294	Charles Ausburn (stricken).
DD248	Barry.	DD295	Osborne (stricken).
DD249	Hopkins (now DMS 13).	DD296	Chauncey (stricken).
DD250	Lawrence.	DD297	Fuller (stricken).
DD251	Belknap (now AVD 8).	DD298	Percival (stricken).
DD252	McCook (stricken).	DD299	John Francis Burnes (stricken).
DD253	McCalla (stricken).	DD300	Farragut (stricken).
DD254	Rodgers (stricken).	DD301	Somers (stricken).
DD255	Osmond Ingram (now AVD9).	DD302	Stoddert (stricken).
DD256	Bancroft (stricken).	DD303	Reno (stricken).
DD257	Welles (stricken).	DD304	Farquhar (stricken).
DD258	Aulick (stricken).	DD305	Thompson (stricken).
DD259	Turner (stricken).	DD306	Kennedy (stricken).
DD260	Gillis (now AVD12).	DD307	Paul Hamilton (stricken).
DD261	Delphy (stricken).	DD308	William Jones (stricken).
DD262	McDermut (stricken).	DD309	Woodbury (stricken).
DD263	Laub (stricken).	DD310	S. P. Lee (stricken).
DD264	McLanahan (stricken).	DD311	Nicholas (stricken).
DD265	Edwards (stricken).	DD312	Young (stricken).
DD266	Greene (now AVD 13).	DD313	Zeilin (stricken).
DD267	Ballard (now AVD 10).	DD314	Yarborough (stricken).
DD268	Shubrick (stricken).	DD315	LaVallette (stricken).
DD269	Bailey (stricken).	DD316	Sloat (stricken).
DD270	Thornton (now AVD 11).	DD317	Wood (stricken).
DD271	Morris (stricken).	DD318	Shirk (stricken).
DD272	Tingey (stricken).	DD319	Kidder (stricken).
DD273	Swasey (stricken).	DD320	Selfridge (stricken).
DD274	Meade (stricken).	DD321	Marcus (stricken).
DD275	Sinclair (stricken).	DD322	Mervine (stricken).
DD276	McCawley (stricken).	DD323	Chase (stricken).
DD277	Moody (stricken).	DD324	Robert Smith (stricken).
DD278	Henshaw (stricken).	DD325	Mullany (stricken).
DD279	Meyer (stricken).	DD326	Coghlan (stricken).
DD280	Doyen (stricken).	DD327	Preston (stricken).
DD281	Sharkey (stricken).	DD328	Lamson (stricken).
DD282	Toucey (stricken).	DD329	Bruce (stricken).
DD283	Breck (stricken).	DD330	Hull (stricken).
DD284	Isherwood (stricken).	DD331	MacDonough (stricken).
DD285	Case (stricken).	DD332	Farenholt (stricken).
DD286	Lardner (stricken).	DD333	Sumner (stricken).
DD287	Putnam (stricken).	DD334	Corry (stricken).
DD288	Worden (stricken).	DD335	Melvin (stricken).
		DD336	Litchfield.
		DD337	Zane (now DMS14).

## DD DESTROYERS—Continued.

DD338	Wasmuth (now DMS 15).	DD392	Patterson.
DD339	Trever (now DMS 16).	DD393	Jarvis.
DD340	Perry (now DMS17).	DD394	Sampson.
DD341	Decatur.	DD395	Davis.
DD342	Hulbert (now AVD 6).	DD396	Jouett.
DD343	Noa.	DD397	Benham.
DD344	William B. Preston (now AVD7).	DD398	Ellet.
DD345	Preble (now DM20).	DD399	Lang.
DD346	Sicard (now DM21).	DD400	McCall.
DD347	Pruitt (now DM22).	DD401	Maury.
DD348	Farragut.	DD402	Mayrant.
DD349	Dewey.	DD403	Trippe.
DD350	Hull.	DD404	Rhind.
DD351	MacDonough.	DD405	Rowan.
DD352	Worden.	DD406	Stack.
DD353	Dale.	DD407	Sterett.
DD354	Monaghan.	DD408	Wilson.
DD355	Aylwin.	DD409	Sims.
DD356	Porter.	DD410	Hughes.
DD357	Selfridge.	DD411	Anderson.
DD358	McDougal	DD412	Hammann.
DD359	Winslow.	DD413	Mustin.
DD360	Phelps.	DD414	Russell.
DD361	Clark.	DD415	O'Brien.
DD362	Moffett.	DD416	Walke.
DD363	Balch.	DD417	Morris.
DD364	Mahan.	DD418	Roe.
DD365	Cummings.	DD419	Wainwright.
DD366	Drayton.	DD420	Buck.
DD367	Lamson.	DD421	Benson.
DD368	Flusser.	DD422	Mayo.
DD369	Reid.	DD423	Gleaves.
DD370	Case.	DD424	Niblack.
DD371	Conyngnam.	DD425	Madison.
DD372	Cassin.	DD426	Lansdale.
DD373	Shaw.	DD427	Hilary P. Jones.
DD374	Tucker.	DD428	Charles F. Hughes.
DD375	Downes.	DD429	Livermore.
DD376	Cushing.	DD430	Eberle.
DD377	Perkins.	DD431	Plunkett.
DD378	Smith.	DD432	Kearny.
DD379	Preston.	DD433	Gwin.
DD380	Gridley.	DD434	Meredith.
DD381	Somers.	DD435	Grayson.
DD382	Craven.	DD436	Monssen.
DD383	Warrington.	DD437	Woolsey.
DD384	Dunlap.	DD438	Ludlow.
DD385	Fanning.	DD439	Edison.
DD386	Bagley.	DD440	Ericsson.
DD387	Blue.	DD441	Wilkes.
DD388	Helm.	DD442	Nicholson.
DD389	Mugford.	DD443	Swanson.
DD390	Ralph Talbot.	DD444	Ingraham.
DD391	Henley.	DD445	Fletcher.
		DD446	Radford.
		DD447	Jenkins.
		DD448	LaVallette.
		DD449	Nicholas.

## DD DESTROYERS—Continued.

DD450	O'Bannon.	DD512	Spence.
DD451	Chevalier.	DD513	Terry.
DD452	Percival.	DD514	Thatcher.
DD453	Bristol.	DD515	Anthony.
DD454	Ellyson.	DD516	Wadsworth.
DD455	Hambleton.	DD517	Walker.
DD456	Rodman.	DD518	Brownson.
DD457	Emmons.	DD519	Daly.
DD458	Maccomb.	DD520	Isherwood.
DD459	Laffey.	DD521	Kimberly.
DD460	Woodworth.	DD522	Luce.
DD461	Forrest.	DD526	Abner Read.
DD462	Fitch.	DD527	Ammen.
DD463	Corry.	DD528	Mullany.
DD464	Hobson.	DD529	Bush.
DD465	Saufley.	DD530	Trathen.
DD466	Waller.	DD531	Hazelwood.
DD467	Strong.	DD532	Heerman.
DD468	Taylor.	DD533	Hoel.
DD469	DeHaven.	DD534	McCord.
DD470	Bache.	DD535	Miller.
DD471	Beale.	DD536	Owen.
DD472	Guest.	DD537	Putnam.
DD473	Bennett.	DD538	Stephen Potter.
DD474	Fullam.	DD539	Tingey.
DD475	Hudson.	DD540	Twining.
DD476	Hutchins.	DD541	Yarnall.
DD477	Pringle.	DD544	Boyd.
DD478	Stanly.	DD545	Bradford.
DD479	Stevens.	DD546	Brown.
DD480	Halford.	DD547	Cowell.
DD481	Leutze.	DD550	Capps.
DD482	Watson.	DD551	David W. Taylor.
DD483	Aaron Ward.	DD552	Evans.
DD484	Buchanan.	DD553	John D. Henley.
DD485	Duncan.	DD554	Franks.
DD486	Lansdowne.	DD555	Haggard.
DD487	Lardner.	DD556	Hailey.
DD488	McCalla.	DD557	Johnston.
DD489	Mervine.	DD558	Laws.
DD490	Quick.	DD559	Longshaw.
DD491	Farenholt.	DD560	Morrison.
DD492	Bailey.	DD561	Pritchett.
DD493	Carmick.	DD562	Robinson.
DD494	Doyle.	DD563	Ross.
DD495	Endicott.	DD564	Rowe.
DD496	McCook.	DD565	Smalley.
DD497	Frankford.	DD566	Stoddard.
DD498	Philip.	DD567	Watts.
DD499	Renshaw.	DD568	Wren.
DD500	Ringgold.	DD569	Aulick.
DD501	Schroeder.	DD570	Charles Ausburn.
DD502	Sigsbee.	DD571	Claxton.
DD507	Conway.	DD572	Dyson.
DD508	Cony.	DD573	Harrison.
DD509	Converse.	DD574	John Rodgers.
DD510	Eaton.	DD575	McKee.
DD511	Foote.	DD576	Murray.



## DD DESTROYERS—Continued.

DD577	Sproston.	DD613	Laub.
DD578	Wickes.	DD614	MacKenzie.
DD579	William D. Porter.	DD615	McLanahan.
DD580	Young.	DD616	Nields.
DD581	Charrette.	DD617	Ordronaux.
DD582	Conner.	DD618	Davison.
DD583	Hall.	DD619	Edwards.
DD584	Halligan.	DD620	Glennon.
DD585	Haraden.	DD621	Jeffers.
DD586	Newcomb.	DD622	Maddox.
DD587	Bell.	DD623	Nelson.
DD588	Burns.	DD624	Baldwin.
DD589	Izard.	DD625	Harding.
DD590	Paul Hamilton.	DD626	Satterlee.
DD591	Twiggs.	DD627	Thompson.
DD592	Howorth.	DD628	Welles.
DD593	Killen.	DD629	Abbot.
DD594	Mansfield.	DD630	Braine.
DD595	Metcalf.	DD631	Erben.
DD596	Shields.	DD632	Cowie.
DD597	Wiley.	DD633	Knight.
DD598	Bancroft.	DD634	Doran.
DD599	Barton.	DD635	Earle.
DD600	Boyle.	DD636	Butler.
DD601	Champlin.	DD637	Gherardi.
DD602	Meade.	DD638	Herndon.
DD603	Murphy.	DD639	Shubrick.
DD604	Parker.	DD640	Beatty.
DD605	Caldwell.	DD641	Tillman.
DD606	Coghlan.	DD642	Hale.
DD607	Frazier.	DD643	Sigourney.
DD608	Gansevoort.	DD644	Stembel.
DD609	Gillespie.	DD645	Stevenson.
DD610	Hobby.	DD646	Stockton.
DD611	Kalk.	DD647	Thorn.
DD612	Kendrick.	DD648	Turner.

## DL DESTROYER LEADERS.

## DM LIGHT MINE LAYERS.

DM1	Stribling (stricken).	DM13	Sproston (stricken).
DM2	Murray (stricken).	DM14	Rizal (stricken).
DM3	Israel (stricken).	DM15	Gamble (ex-DD123).
DM4	Luce (stricken).	DM16	Ramsay (ex-DD124).
DM5	Maury (stricken).	DM17	Montgomery (ex-DD121).
DM6	Lansdale (stricken).	DM18	Breese (ex-DD122).
DM7	Mahan (stricken).	DM19	Tracey (ex-DD214).
DM8	Hart (stricken).	DM20	Preble (ex-DD345).
DM9	Ingraham (stricken).	DM21	Sicard (ex-DD346).
DM10	Ludlow (stricken).	DM22	Pruitt (ex-DD347).
DM11	Burns (stricken).		
DM12	Anthony (stricken).		

**DMS MINE SWEEPERS—HIGH SPEED**

DMS1	Dorsey (ex-DD117).	DMS10	Southard (ex-DD-207).
DMS2	Lamberton (ex-AG 21; ex-DD119).	DMS11	Hovey (ex-DD208).
DMS3	Boggs (ex-AG19; ex-DD136).	DMS12	Long (ex-DD209).
DMS4	Elliot (ex-DD146).	DMS13	Hopkins (ex-DD-249).
DMS5	Palmer (ex-DD161).	DMS14	Zane (ex-DD337).
DMS6	Hogan (ex-DD178).	DMS15	Wasmuth (ex-DD-338).
DMS7	Howard (ex-DD179).	DMS16	Trever (ex-DD339).
DMS8	Stansbury (ex-DD-180).	DMS17	Perry (ex-DD340).
DMS9	Chandler (ex-DD-206).	DMS18	Hamilton (ex-DD141).

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**EA DEPARTMENT OF AGRICULTURE.**

EA1	Secretary of Agriculture.
EA2	Director of Scientific Work.
EA3	Solicitor.
EA4	Director of Information.
EA5	Press Service.
EA6	Exhibits.
EA7	Farm Management and Farm Economics (obsolete).
EA8	Weather Bureau (obsolete).
EA9	Bureau of Animal Industry.
EA10	Bureau of Plant Industry.
EA11	Forest Service.
EA12	Bureau of Chemistry and Soils.
EA13	Bureau of Soils. (Obsolete, see EA12.)
EA14	Bureau of Entomology.
EA15	Biological Survey. (See EI35.)
EA16	Division of Accounts and Disbursements.
EA17	Division of Publications.
EA18	Library.
EA19	States Relations Service.
EA20	Bureau of Public Roads.
EA21	Bureau of Markets and Crop Estimates (obsolete).
EA22	Packers and Stockyards Administration (obsolete).
EA23	Administration of Grain Future Trading Act.
EA24	Insecticide and Fungicide (obsolete).
EA25	Federal Horticultural Board.
EA26	Fixed Nitrogen Research Board (obsolete).
EA27	Director of Personnel and Administration.
EA28	Experimental Station.
EA29	Extension Service.
EA30	Bureau of Dairy Industry.
EA31	Bureau of Agricultural Economics.
EA32	Bureau of Home Economics.
EA33	Plant Quarantine and Control Administration.
EA34	Rural Electrification Administration.

**EB SMITHSONIAN INSTITUTION.**

EB1	National Museum.
EB2	National Gallery of Art.
EB3	Bureau of American Ethnology.
EB4	International Exchanges.
EB5	National Zoological Park.
EB6	Astrophysical Observatory.
EB7	Regional Bureau for the United States, international catalogue of scientific literature.
EB8	Division of Radiation and Organisms.

**EC DEPARTMENT OF COMMERCE.**

EC1	Secretary of Commerce.
EC2	Assistant Secretary of Commerce.
EC3	Division of Appointments.
EC4	Division of Publications.
EC5	Division of Supplies.

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**EC DEPARTMENT OF COMMERCE—Continued.**

- EC6** Bureau of the Census.
- EC7** Bureau of Foreign and Domestic Commerce. (See ES25.)
- EC7-1** Commercial attachés.
- EC8** Bureau of Standards.
- EC9** Bureau of Fisheries. (See EI34.)
- EC10** Bureau of Lighthouses. (See ET19.)
- EC11** Coast and Geodetic Survey.
- EC12** Bureau of Navigation (Department of Commerce).
- EC13** Steamboat Inspection Service.
- EC14** Patent Office.
- EC15** Bureau of Mines. (See EI32.)
- EC16** Radio commissioners (Federal Radio Commission).
- EC17** Assistant Secretary for Aeronautics.
- EC18** Radio Division.
- EC19** Division of Simplified Practice.
- EC20** Inland Waterways Corporation.
- EC21** Weather Bureau.

**ED NATIONAL ACADEMY OF SCIENCES.**

- ED1** National Research Council.

**EE EXECUTIVE DEPARTMENTS.**

- EE1** The President.
- EE2** The Vice President.
- EE3** National Emergency Council.
- EE4** Office of Production Management.
- EE5** Coordinator of Information.
- EE6** Petroleum Coordinator for National Defense.
- EE7** Office of Emergency Management.
- EE8** Office of Civilian Defense.
- EE9** Supply Priorities and Allocations Board.

**EF FOREIGN GOVERNMENTS AND COUNTRIES.**

- EF1** Abyssinia.
- EF2** Afganistan.
- EF3** Albania.
- EF4** Arabia.
- EF5** Argentine Republic.
- EF6** Transcaucasian Federation.
  - Armenia
  - Azerbaijan
  - Georgia
 } Socialist Soviet Republics.
- EF7** Austria.
- EF8** (See EF6.)
- EF9** Belgium.
  - Belgian Congo.
- EF10** Bhutan.
- EF11** Bolivia.
- EF12** Brazil.
- EF13** British Empire.
  - British Isles (England, Scotland, Wales, and Ireland).

**BRITISH EMPIRE—EUROPE.**

- EF13-2** Isle of Man.
  - EF13-3** Channel Islands.
  - EF13-4** Gibraltar.
  - EF13-5** Malta.
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## EF FOREIGN GOVERNMENTS AND COUNTRIES—Continued.

## BRITISH EMPIRE—ASIA.

EF13-6	Aden, Perin, Sokopra, etc.
EF13-7	Bahrein Islands.
EF13-8	Borneo (British). British North Borneo. Brunei. Sarawak.
EF13-9	Ceylon. Maldivo Islands.
EF13-10	Cyprus.
EF13-11	Hong Kong.
EF13-12	India and dependencies. Baluchistan. Sikkim. Andaman Islands. Nicobor Islands. Laccadive Islands. Keeling Islands. Kuria Muria Islands.
EF13-13	The Straits Settlements. Cocos or Keeling Islands. Christmas Island. Labuan.
EF13-14	Federated Malay States.
EF13-15	Malay States not in Federation.
EF13-16	Weihaiwei.

## BRITISH EMPIRE—AFRICA.

EF13-17	Ascension Islands.
EF13-18	British East Africa. Kenya Colony and Protectorate. Tanganyika Territory. Uganda Protectorate. Zanzibar.
EF13-19	Mauritius.
EF13-20	Nyasaland Protectorate.
EF13-21	St. Helena.
EF13-22	Tristan Da Cunah.
EF13-23	Seychelles.
EF13-24	Somaliland Protectorate.
EF13-25	South Africa. Basutoland. Bechuanaland Protectorate. Rhodesia.
EF13-26	Swaziland.
EF13-27	Union of South Africa. Cape of Good Hope. Natal. The Transvaal. Orange Free State. South West Africa.

## BRITISH EMPIRE—WEST AFRICA.

EF13-28	Nigeria.
EF13-29	Cameroon.
EF13-30	Gambia.
EF13-31	Gold Coast.

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**EF FOREIGN GOVERNMENTS AND COUNTRIES—Continued****BRITISH EMPIRE—WEST AFRICA—Continued.**

**EF13-32** Ashanti.  
**EF13-33** Northern Territories.  
**EF13-34** Togoland.  
**EF13-35** Sierra Leone.  
**EF13-36** The Protectorate.  
**EF13-37** Egypt.  
 Anglo-Egyptian Sudan.

**BRITISH EMPIRE—AMERICA.**

**EF13-38** Bermudas.  
**EF13-39** Canada.  
 Alberta.  
 British Columbia.  
 Manitoba.  
 New Brunswick.  
 Nova Scotia.  
 Ontario.  
 Prince Edward Island.  
 Quebec.  
 Saskatchewan.  
 Yukon.  
 Northwest Territories.  
**EF13-40** Falkland Islands.  
**EF13-41** Guiana, British.  
**EF13-42** Honduras, British.  
**EF13-43** Newfoundland and Labrador.  
**EF13-44** West Indies.  
 Bahamas.  
 Barbados.  
 Jamaica.  
 Caymen Islands.  
 Turks and Caicos Islands.  
 Leeward Islands.  
 Trinidad.  
 Windward Islands.

**BRITISH EMPIRE—AUSTRALIA AND OCEANIA.**

**EF13-45** Australia.  
 New South Wales.  
 Victoria.  
 Queensland.  
 South Australia.  
 Western Australia.  
 Northern Territory.  
**EF13-46** Fiji Islands.  
**EF13-47** New Guinea.  
**EF13-48** New Zealand.  
 Western Samoa.  
 Nauru.  
**EF13-49** Papua.  
**EF13-50** Pacific Islands.  
 Tongo.  
 Other Islands.  
**EF13-51** Tasmania.  
**EF14** Bulgaria.  
**EF15** Chile.

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**EF FOREIGN GOVERNMENTS AND COUNTRIES—Continued.****BRITISH EMPIRE—AUSTRALIA AND OCEANIA—Con.**

<b>EF16</b>	<b>China.</b> Manchuria. Tibet. Sin-Kiang. Mongolia.
<b>EF17</b>	<b>Colombia.</b>
<b>EF18</b>	<b>Costa Rica.</b>
<b>EF19</b>	<b>Cuba.</b>
<b>EF20</b>	<b>Czechoslovakia.</b>
<b>EF21</b>	<b>Danzig.</b>
<b>EF22</b>	<b>Denmark.</b>
<b>EF22-1</b>	Iceland.
<b>EF22-2</b>	Greenland.
<b>EF23</b>	<b>Ecuador.</b>
<b>EF24</b>	<b>Egypt.</b>
<b>EF25</b>	<b>Estonia.</b>
<b>EF26</b>	<b>Finland.</b>
<b>EF27</b>	<b>Fiume.</b>
<b>EF28</b>	<b>France.</b>
<b>EF28-1</b>	Andorra.

**FRENCH COLONIES AND DEPENDENCIES—ASIA.**

<b>EF28-2</b>	French India.
<b>EF28-3</b>	French Indo-China. Cochin-China. Annam. Cambodia. Tonking. Laos. Kwang Chau Wan.

**FRENCH COLONIES AND DEPENDENCIES—AFRICA.**

<b>EF28-4</b>	Algeria.
<b>EF28-5</b>	French Congo. Cameroon.
<b>EF28-6</b>	Madagascar.
<b>EF28-7</b>	Mayotte and the Cormero Islands.
<b>EF28-8</b>	Reunion.
<b>EF28-9</b>	Somali Coast.

**FRENCH COLONIES AND DEPENDENCIES—WEST AFRICA  
AND THE SAHARA.**

<b>EF28-10</b>	Senegal.
<b>EF28-11</b>	Guinea.
<b>EF28-12</b>	Ivory Coast.
<b>EF28-13</b>	Dahomey.
<b>EF28-14</b>	French Sudan.
<b>EF28-15</b>	Upper Volta.
<b>EF28-16</b>	Mauritania.
<b>EF28-17</b>	Togo.
<b>EF28-18</b>	Tunis.

**FRENCH COLONIES AND DEPENDENCIES—AMERICA.**

<b>EF28-19</b>	Guadaloupe and dependencies.
<b>EF28-20</b>	Guiana.
<b>EF28-21</b>	Martinique.
<b>EF28-22</b>	St. Pierre and Miquelon.

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**EF FOREIGN GOVERNMENTS AND COUNTRIES—Continued.****FRENCH COLONIES AND DEPENDENCIES—AUSTRALASIA  
AND OCEANIA.**

EF28-23 New Caledonia.  
 EF28-24 New Hebrides.  
 EF28-25 French establishments in Oceania.  
 EF30 **Germany.**

Anhalt.  
 Baden.  
 Bavaria.  
 Bremen.  
 Brunswick.  
 Hamburg.  
 Hesse.  
 Lippe.  
 Lubeck.  
 Mecklenburg-Schwerin.  
 Mecklenburg-Strelitz.  
 Oldenburg.  
 Prussia.  
 Saxony.  
 Schaumburg-Lippe.  
 Thuringia.  
 Waldeck.  
 Wurttemberg.

EF31 **Greece.**  
 EF32 **Guatemala.**  
 EF33 **Haiti.**  
 EF34 **Honduras.**  
 EF35 **Hungary.**  
 EF36 **Italy.**  
 EF36-1 San Marino.

**ITALIAN DEPENDENCIES.**

EF36-2 Eritrea.  
 EF36-3 Somaliland.  
 EF36-4 Tripolitania and Cyrenaica.  
 EF36-5 Tientsin (concession of).

EF37 **Japan.**  
 EF37-1 Korea.  
 EF37-2 Formosa (Taiwan).  
 EF37-3 Pescadores.  
 EF37-4 Sakhalin.  
 EF37-5 Kewantung.  
 EF37-6 Kiau-Chau.  
 EF37-7 Pacific Islands.

EF38 **Latvia.**  
 EF39 **Liberia.**  
 EF40 **Liechtenstein.**  
 EF41 **Lithuania.**  
 EF42 **Luxemburg.**  
 EF43 **\*Iraq.**  
 EF44 **Mexico.**  
 EF45 **Monaco.**  
 EF46 **Morocco.**  
 EF47 **Nepal.**  
 EF48 **Netherlands, The**

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## EF FOREIGN GOVERNMENTS AND COUNTRIES—Continued.

## COLONIES OF THE NETHERLANDS.

EF48-1	Dutch East Indies.
EF48-2	Dutch West Indies. Surinam or Dutch Guiana. Curacao.
EF49	Nicaragua.
EF50	Norway.
EF50-1	Spitsbergen.
EF51	Oman.
EF52	Palestine.
EF53	Panama.
EF54	Paraguay.
EF55	*Iran.
EF56	Peru.
EF57	Poland.
EF58	Portugal.
EF58-1	Dependencies.
EF59	Rome, see and church of.
EF60	Rumania.
EF61	Russia (Union of Socialist Soviet Republics).
EF62	Salvador.
EF63	Santo Domingo (Dominican Government).
EF64	Serb, Croat, and Slovene State (Yugoslavia).
EF65	Siam.
EF66	Spain.
EF67	Sweden.
EF68	Switzerland.
EF69	Syria.
EF70	Turkey.
EF71	Ukraine.
EF72	Uruguay.
EF73	Venezuela.

EG THE UNITED STATES OF AMERICA—GOVERNMENT,  
STATES, TERRITORIES, AND DEPENDENCIES.

EG1	Arkansas.	EG22	Massachusetts.
EG2	Alabama.	EG23	Michigan.
EG3	Alaska.	EG24	Minnesota.
EG4	Arizona.	EG25	Mississippi.
EG5	California.	EG26	Missouri.
EG6	Colorado.	EG27	Montana.
EG7	Connecticut.	EG28	Nebraska.
EG8	Delaware.	EG29	Nevada.
EG9	District of Columbia.	EG30	New Hampshire.
EG10	Florida.	EG31	New Jersey.
EG11	Georgia.	EG32	New Mexico.
EG12	Hawaii.	EG33	New York.
EG12-1	Midway Islands.	EG34	North Carolina.
EG13	Idaho.	EG35	North Dakota.
EG14	Illinois.	EG36	Ohio.
EG15	Indiana.	EG37	Oklahoma.
EG16	Iowa.	EG38	Oregon.
EG17	Kansas.	EG39	Pennsylvania.
EG18	Kentucky.	EG40	Rhode Island.
EG19	Louisiana.	EG41	South Carolina.
EG20	Maine.	EG42	South Dakota.
EG21	Maryland.	EG43	Tennessee.

**EG THE UNITED STATES OF AMERICA, ETC.—Continued.**

EG44	Texas.	EG54	Guam.
EG45	Utah.	EG55	Puerto Rico.
EG46	Vermont.	EG56	Virgin Islands.
EG47	Virginia.	EG57	Panama Canal Zone.
EG48	Washington.	EG58	Navassa Island.
EG49	West Virginia.	EG59	Swan Island.
EG50	Wisconsin.	EG60	Wake Island.
EG51	Wyoming.	EG61	Insular possessions (general).
EG52	Philippines.		
EG53	American Samoa.		

**EH PERSONNEL CLASSIFICATION BOARD.****EI DEPARTMENT OF THE INTERIOR.**

EI1	Secretary of the Interior.
EI2	General Land Office.
EI2-1	Land districts and land offices.
EI3	Indian Affairs.
EI6	Bureau of Education.
EI7	Geological Survey.
EI8	Executive Division.
EI9	Geologic Branch.
EI10	Water Resources Branch.
EI11	Topographic Branch.
EI12	Land Classification Board.
EI13	Mineral Resources of United States Division.
EI14	Alaskan Mineral Resources Division.
EI15	Library of Department of Interior.
EI16	Publication Branch.
EI17	Reclamation Service.
EI19	National Park Service.
EI20	St. Elizabeths Hospital.
EI21	Howard University.
EI22	Board of Indian Commissioners.
EI23	Freedmen's Hospital.
EI24	Alaskan Engineering Commission.
EI25	War Mineral's Relief.
EI26	Returns Office.
EI27	Alaskan Railroads.
EI28	Territorial Officials.
EI29	Southern Appalachian National Park Commission.
EI30	Solicitor.
EI31	Puerto Rico Reconstruction Administration.
EI32	Bureau of Mines.
EI33	Bureau of Insular Affairs.
EI34	Bureau of Fisheries.
EI35	Biological Survey.

**EJ DEPARTMENT OF JUSTICE.**

EJ1	Attorney General.
EJ2	Solicitor General.
EJ3	Director, Bureau of Investigation.
EJ4	Superintendent of Prisons.
EJ5	Attorney in charge of pardons.
EJ6	Attorney in charge of titles.
EJ7	Chief of Division of Accounts.
EJ8	Solicitor of Department of State.

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**EJ DEPARTMENT OF JUSTICE—Continued.**

**EJ9** Solicitor of the Treasury.  
**EJ10** Solicitor of Internal Revenue.  
**EJ13** Solicitor for the Department of Commerce.  
**EJ14** Solicitor for the Department of Labor.  
**EJ15** Federal penitentiary, Atlanta, Ga.  
**EJ16** Federal penitentiary, Leavenworth, Kans.  
**EJ17** District attorneys.  
**EJ18** United States marshals.  
**EJ19** Federal penitentiary, McNeil Island, Wash.  
**EJ20** Prison Industries.  
**EJ21** National Training School for Boys.

**EK UNITED STATES RAILROAD LABOR BOARD.**

**EK1** Public group.  
**EK2** Labor group.  
**EK3** Management group.  
**EK4** Chief statistician.  
**EK5** Supervisor of dockets.  
**EK6** Disbursing officer.

**EL DEPARTMENT OF LABOR.**

**EL1** Secretary of Labor.  
**EL2** Assistant Secretary of Labor.  
**EL3** Division of Publications and Supplies.  
**EL4** Division of Conciliation.  
**EL5** Bureau of Labor Statistics.  
**EL6** Bureau of Immigration.  
**EL7** Children's Bureau.  
**EL8** Bureau of Naturalization.  
**EL9** Women's Bureau.  
**EL10** United States Employment Service.  
**EL11** Bureau of Industrial Housing and Transportation.

**EM MUNICIPAL GOVERNMENTS, CITIES, TOWNS, AND COUNTIES (TO BE FOLLOWED BY THE NAME OF CITY, COUNTY, OR TOWN SYMBOL).****EN DEPARTMENT OF THE NAVY.**

**EN1** Secretary of the Navy.  
**EN1-1** Budgets and reports.  
**EN1-2** Naval petroleum and oil shale reserve office.  
**EN1-3** Inspectors of naval petroleum reserves, general.  
**EN1-4** Inspector of naval petroleum reserves, California.  
**EN1-5** Chief Clerk, Navy Department.  
**EN1-6** Inspector of naval petroleum reserve, Wyoming.  
**EN1-7** Civil disbursing officer (disbursing clerk).  
**EN1-8** Supply Division.  
**EN1-9** Inventions Division.  
**EN1-10** Quarterly Survey Office.  
**EN1-11** Record Division.  
**EN1-12** Division of Personnel Supervision and Management.  
**EN1-13** Coordinator of Shipbuilding.  
**EN1-14** Security Section, Secretary's Office.  
**EN1-15** Central Statistical Division.  
**EN1-16** Naval plant protection force (formerly naval civilian police).

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## EN DEPARTMENT OF THE NAVY—Continued.

- Secretary of the Navy—Continued.**
- EN1-17 Public relations (now under Secretary's Office).  
 EN1-18 Coordinator for ship repair and conversion.  
 EN1-19 Secretary of the naval advisory council.  
 EN1-20 Special Assistant to the Secretary of the Navy, New York, N. Y. (shipbuilding campaign).  
 EN1-21 Navy Office of Defense Saving Bonds.  
 EN1-22 Coordinator of Research and Development.  
 EN1-23 Space Office.
- Assistant Secretary.**
- EN2 Navy yard division.  
 EN2-1 Assistant Secretary of the Navy for Air.  
 EN2-2 Under Secretary of the Navy.  
 EN2-3
- Office of Naval Operations.**
- EN3 War plans division.  
 EN3-1 Communication division.  
 EN3-2 Material division.  
 EN3-3 Naval districts division.  
 EN3-4 Submarine division.  
 EN3-5 Inspection division, inspection and survey, and joint merchant vessel board.  
 EN3-6 Fleet training division.  
 EN3-7 Policy and liaison section.  
 EN3-8 Ship movements division.  
 EN3-9 Intelligence.  
 EN3-10 Naval attachés.  
 EN3-11 Naval library and historical section.  
 EN3-12 Information section, O. N. I.  
 EN3-13 Inspector general, naval communications.  
 EN3-14 Technical office including inventions section.  
 EN3-15 Naval reserve policy section.  
 EN3-16 Inspection board for naval districts.  
 EN3-17
- Bureau of Navigation.**
- EN4 Inspectors of navigation material (general).  
 EN4-1 Brooklyn, N. Y., inspector of navigation material.  
 EN4-2
- Bureau of Yards and Docks.**
- EN5
- Bureau of Ordnance.**
- EN6 Inspector of ordnance (general).  
 EN6-1 Quincy, Mass., inspector of ordnance.  
 EN6-2 Bridgeport, Conn., inspector of ordnance.  
 EN6-3 Groton, Conn., inspector of ordnance.  
 EN6-4 Schenectady, N. Y., inspector of ordnance.  
 EN6-5 New York, N. Y., inspector of ordnance.  
 EN6-6 Brooklyn, N. Y., inspector of ordnance, E. W. Bliss Co.  
 EN6-7 Brooklyn, N. Y., inspector of ordnance, Sperry Gyro Co.  
 EN6-8 Long Island City, N. Y., inspector of ordnance.  
 EN6-9 Rochester, N. Y., inspector of ordnance.  
 EN6-10 Erie, Pa., inspector of ordnance.  
 EN6-11 Munhall, Pa., inspector of ordnance.  
 EN6-12 Camden, N. J., inspector of ordnance.  
 EN6-13 Harrison, N. J., inspector of ordnance.  
 EN6-14 Philadelphia, Pa., inspector of ordnance, Midvale Steel Co.  
 EN6-15 Philadelphia, Pa., inspector of ordnance, Cramps Shipyard.  
 EN6-16 South Bethlehem, Pa., inspector of ordnance.  
 EN6-17
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## EN DEPARTMENT OF THE NAVY—Continued.

**Bureau of Ordnance—Continued.**

- EN6-18 Newport News, Va., inspector of ordnance.  
 EN6-19 Alexandria, Va., inspector of ordnance, 5th, 6th, and 7th inspection districts.  
 EN6-20 Chicago, Ill., inspector of ordnance.  
 EN6-21 Mansfield, Ohio, inspector of ordnance.  
 EN6-22 San Francisco, Calif., inspector of ordnance.  
 EN6-23 Tacoma, Wash., inspector of ordnance.  
 EN6-24 New York, N. Y., inspector of powder.  
 EN6-25 Brooklyn, N. Y., inspector of ordnance, Arma Engineering Co.  
 EN6-26 Washington Navy Yard, experimental ammunition unit.  
 EN6-27 Washington Navy Yard, mine building.  
 EN6-28 Philadelphia, Pa., inspector of ordnance, Marine Engineering Corporation.  
 EN6-29 Richmond, Va., inspector of ordnance, Tredegar's.  
 EN6-30 Kearny, N. J., inspector of ordnance.  
 EN6-31 Detroit, Mich., inspector of ordnance, Vickers.  
 EN6-32 New York, N. Y., inspector of ordnance, Carl Norden.  
 EN6-33 Jersey City, N. J., inspector of ordnance.  
 EN6-34 Minneapolis, Minn., inspector of ordnance, Northern Pump Co.  
 EN6-35 Detroit, Mich., inspector of ordnance, Pontiac Division, General Motors Corporation, with additional duties at Hudson Motor Co.  
 EN6-36 York, Pa., inspector of ordnance, York Safe & Lock Co.  
 EN6-37 Pontiac, Mich., inspector of ordnance, Pontiac Motors Division of General Motors Corporation.  
 EN6-38 Providence, R. I., inspector of ordnance, American Oerlikon Gazda Co.  
 EN6-39 Bath, Maine, inspector of ordnance, Bath Iron Works Corporation.  
 EN6-40 Detroit, Mich., inspector of ordnance, Chrysler Corporation.  
 EN6-41 Hamilton, Ohio, inspector of ordnance, Herring-Hall-Marvin Safe Co.  
 EN6-42 San Pedro, Calif., inspector of ordnance, Los Angeles, S. B. & D. D. Co.  
 EN6-43 Toledo, Ohio, inspector of ordnance, Willys-Overland Motors, Inc.  
 EN6-44 Los Angeles, Calif., inspector of ordnance, Consolidated Steel Corp. Ltd. of Calif.  
 EN6-45 Sunnyvale, Calif., inspector of ordnance, Joshua Hendy Iron Works.  
 EN6-46 Martins Ferry, Ohio, inspector of ordnance, Blaw-Knox Co.

**EN7 Bureau of Construction and Repair.**

(Due to the combining of the Bureau of Construction and Repair and the Bureau of Engineering as the Bureau of Ships with symbol EN28, the EN7 group is obsolete and should not be used for current filing but only for reference to previous correspondence.)

- EN7-1 Superintending constructors.  
 EN7-2 Inspectors of hull material.
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## EN DEPARTMENT OF THE NAVY—Continued.

**Bureau of Construction and Repair—Continued.**

EN7-3	Boards on hull changes.
EN7-4	Quincy, Mass., superintending constructor.
EN7-5	Bridgeport, Conn., superintending constructor.
EN7-6	Groton, Conn., superintending constructor.
EN7-7	New York, N. Y., superintending constructor.
EN7-8	Camden, N. J., superintending constructor.
EN7-9	Philadelphia, Pa., superintending constructor.
EN7-10	Newport News, Va., superintending constructor.
EN7-11	San Francisco, Calif., superintending constructor.
EN7-12	Tacoma, Wash., superintending constructor.
EN7-13	
EN7-14	Philadelphia, Pa., superintending constructor, Marine Engineering Corporation.
EN7-15	Bath, Maine, superintending constructor.
EN7-16	
EN7-17	Staten Island, N. Y., superintending constructor, United Dry Docks.
EN7-18	Kearny, N. J., superintending constructor, Federal Shipbuilding & Dry Dock.
EN7-19	Miami, Fla., superintending constructor, Fogal Boat Yard, Inc.
EN7-20	Boston, Mass., inspector of hull material.
EN7-21	Schenectady, N. Y., inspector of hull material.
EN7-22	New York, N. Y., inspector of hull material.
EN7-23	Philadelphia, Pa., inspector of hull material.
EN7-24	Munhall, Pa., inspector of hull material.
EN7-25	New Orleans, La., superintending constructor, Higgins Industries.
EN7-26	Detroit, Mich., superintending constructor, Fisher Boat Works.
EN7-27	Stamford, Conn., superintending constructor, Luders Co.
EN7-28	Wilmington, Del., superintending constructor, American C. & F. Co.
EN7-29	Bay City, Mich., superintending constructor, Defoe Boat Engineering Works.
EN8	<b>Bureau of Engineering</b> (obsolete—now Inspector of Machinery).
EN8-1	Inspectors of machinery and material.
EN8-2	Quincy, Mass., inspectors of machinery.
EN8-3	Bridgeport, Conn., inspectors of machinery.
EN8-5	Groton, Conn., inspectors of machinery.
EN8-6	Camden, N. J., inspectors of machinery.
EN8-7	Pittsburgh, Pa., inspectors of machinery.
EN8-9	Philadelphia, Pa., inspectors of machinery.
EN8-10	Newport News, Va., inspectors of machinery.
EN8-11	Tacoma, Wash., inspectors of machinery.
EN8-12	Boston, Mass., inspectors of engineering material.
EN8-13	New York, N. Y., inspectors of engineering material.
EN8-14	Schenectady, N. Y., inspectors of engineering material.
EN8-15	Hartford, Conn., inspectors of engineering material.
EN8-16	Bethlehem, Pa., inspectors of engineering material.
EN8-17	Philadelphia, Pa., inspectors of engineering material.
EN8-18	Pittsburgh, Pa., inspectors of engineering material.
EN8-19	Cincinnati, Ohio, inspectors of engineering material.
EN8-20	Chicago, Ill., inspectors of engineering material.

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## EN DEPARTMENT OF THE NAVY—Continued.

- Bureau of Engineering**—Continued.
- EN8-21 Milwaukee, Wis., inspectors of engineering material.  
 EN8-22 San Francisco, Calif., inspectors of engineering material.
- EN8-23 San Francisco, Calif., inspector of machinery, Bethlehem Union Iron Works.
- EN8-24 Board on changes in machinery.  
 EN8-25 St. Louis, Mo., inspector of machinery.  
 EN8-26 Inspector general of machinery.  
 EN8-27 Shanghai, China, inspector of machinery.  
 EN8-28 Philadelphia, Pa., inspector of machinery, Marine Engineering Corporation.
- EN8-30 New York, Central drafting office, inspector of machinery.
- EN8-31 Bath, Maine, inspector of machinery.  
 EN8-32 New York, inspector of machinery, Gibbs & Cox.  
 EN8-33 Staten Island, N. Y., inspector of machinery.  
 EN8-34 Kearny, N. J., inspector of machinery.  
 EN8-35 Carteret, N. J., inspector of machinery.  
 EN8-36 Bay City, Mich., inspector of machinery.
- Inspector of Machinery.**
- EN8-4 Schenectady, N. Y., inspectors of machinery.  
 EN8-8 South Philadelphia, Pa., inspectors of machinery.  
 EN8-29 Bayonne, N. J., and Barberton, Ohio, inspector of machinery (works of Babcock & Wilcox).  
 EN8-37 Beloit, Wis., inspector of machinery, Fairbanks Morse Co.  
 EN8-38 Cleveland, Ohio, inspector of machinery, General Motors Corporation.  
 EN8-39 LaGrange, Ill., inspector of machinery, Electro-Motive Corporation.
- Bureau of Supplies and Accounts.**
- EN9-1 Navy purchasing and disbursing office (general).  
 EN9-2 New York, N. Y., navy purchasing and disbursing office.  
 EN9-3 San Francisco, Calif., navy purchasing and disbursing office.
- EN9-4 China, navy purchasing and disbursing office.  
 EN9-5 Navy cost inspectors (general).  
 EN9-6 Boston, Mass., navy cost inspector.  
 EN9-7 Philadelphia, Pa., navy cost inspector.  
 EN9-8 Erie, Pa., navy cost inspector.  
 EN9-9 Norfolk, Va., navy cost inspector.  
 EN9-10 Tacoma, Wash., navy cost inspector.  
 EN9-11 San Francisco, Calif., navy cost inspector.  
 EN9-12 General inspector of Supply Corps.  
 EN9-13 Area coordinators, Army Corps (general).  
 EN9-14 Boston, Mass., area coordinator, First Army Corps.  
 EN9-15 New York, N. Y., area coordinator, Second Army Corps.
- EN9-16 Philadelphia, Pa., area coordinator, Third Army Corps.  
 EN9-17 San Francisco, Calif., area coordinator, Fourth Army Corps.  
 EN9-18 Washington, D. C., navy detail with Veterans' Bureau.  
 EN9-19 Washington, D. C., navy detail with Bureau of Budget.
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## EN DEPARTMENT OF THE NAVY—Continued.

## Bureau of Supplies and Accounts—Continued.

EN9-20	Inspector of clothing.
EN9-21	Inspector of provisions.
EN9-22	Washington, D. C., central sales board, navy yard.
EN9-23	Newport, R. I., navy purchasing office.
EN9-24	San Pedro, Calif., navy disbursing office.
EN9-25	New York, N. Y., navy cost inspector, Gibbs and Cox.
EN9-26	Groton, Conn., navy cost inspector, Electric Boat Co.
EN9-27	Quincy, Mass., navy cost inspector, Bethlehem Steel Co.
EN9-28	San Francisco, Calif., navy cost inspector, Bethlehem Steel Co.
EN9-29	Orange, Tex., navy cost inspector, Continental Steel Co.
EN9-30	Galveston, Tex., navy cost inspector, Todd Galveston D. D. Co.
EN9-31	Oakland, Calif., navy cost inspector, Morris Ship Yard.
EN9-32	Mobile, Ala., navy cost inspector, Alabama D. D. & S. B. Co.
EN9-33	San Pedro, Calif., navy cost inspector, Los Angeles S. B. & D. D. Co.
EN9-34	Baltimore, Md., navy cost inspector, Maryland D. D. Co.
EN9-35	Harbor Island, Seattle, Wash., navy cost inspector, Todd Seattle D. D. Co.
EN9-36	South Charleston, W. Va., navy cost inspector, Carnegie Illinois Steel Corp.
EN9-37	Chickasaw, Ala., navy cost inspector, Gulf Shipbuilding Corp.
EN9-38	Bath, Maine, navy cost inspector, Bath Iron Works.
EN9-39	Manitowoc, Wis., navy cost inspector, Manitowoc S. B. Co.
EN9-40	Seattle, Wash., navy cost inspector, Seattle-Tacoma S. B. Co.
EN9-41	San Pedro, Calif., navy cost inspector, Bethlehem Steel Co.
EN9-42	Philadelphia, Pa., navy cost inspector, Cramps Ship Yard.
EN9-43	Bethlehem, Pa., navy cost inspector, Bethlehem Steel Co.
EN9-44	Camden, N. J., navy cost inspector, New York S. B. Corporation.
EN9-45	Seattle, Wash., navy cost inspector, Lake Union D. D. & Mach. Works.
EN9-46	Pittsburgh, Pa., navy cost inspector, Westinghouse Co.
EN9-47	Houghton, Wash., navy cost inspector, Lake Washington Ship Yard.
EN9-48	Macon, Ga., navy cost inspector, Reynolds Metal Co.
EN9-49	Cicero, Ill., navy cost inspector, Danby Mach. Specialists, Inc.
EN9-50	Portland, Oreg., navy cost inspector, Willamette Iron & Steel Corporation.
EN9-51	Schenectady, N. Y., navy cost inspector, General Electric Co.
EN9-52	Tacony, Pa., navy cost inspector, Penna. Forge Co.

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## EN DEPARTMENT OF THE NAVY—Continued.

## Bureau of Supplies and Accounts—Continued.

EN9-53 Bay City, Mich., navy cost inspector, Defoe Boat & Motor Works.  
 EN9-54 Chester, Pa., navy cost inspector, Sun Shipbuilding Co.  
 EN9-55 Pascaguola, Miss., navy cost inspector, Ingalls S. B. Co.  
 EN9-56 Newport News, Va., navy cost inspector, Newport News S. B. & D. D. Co.  
 EN9-57 Nicetown, Pa., navy cost inspector, Midvale Steel Works.  
 EN9-58 Camden, N. J., navy cost inspector, Camden Forge Co.  
 EN9-59 Canton, N. J., navy cost inspector, Westinghouse E. & M. Co.  
 EN9-60 Indianapolis, Ind., navy cost inspector, Lukas, Harold Corporation.  
 EN9-61 Louisville, Ky., navy cost inspector, Westinghouse E. & M. Co.  
 EN9-62 Detroit, Mich., navy cost inspector, Hudson Motor Car Co.  
 EN9-63 Great Lakes, Ill., navy cost inspector.  
 EN9-64 Irving, Pa., navy cost inspector, National Forge & Ordnance Co.  
 EN9-65 Harrison, N. J., navy cost inspector, Crucible Iron & Steel Co.  
 EN9-66 Titusville, Pa., navy cost inspector, Struther-Wells Co.  
 EN9-67 Mingo Junction, Ohio, navy cost inspector, Carnegie Illinois Steel Corporation.  
 EN9-68 Erie, Pa., navy cost inspector, Erie Forge Co.  
 EN9-69 Munhall, Pa., navy cost inspector, Carnegie Illinois Steel Corporation.  
 EN9-70 Alameda, Calif., navy cost inspector, General Eng. & D. D. Co.  
 EN9-71 Special inspector's group.  
 EN9-72 Pawcatuck, Conn., navy cost inspector, United Aircraft Corp.  
 EN9-73 Hamilton, Ohio, navy cost inspector, General Mach. Corp.  
 EN9-74 Coatesville, Pa., navy cost inspector, Lukens Steel Co.  
 EN9-75 Birmingham, Ala., navy cost inspector, Ingalls S. B. Co.  
 EN9-76 Sunnyvale, Calif., navy cost inspector, Joshua Hendley Co.  
 EN9-77 Erie, Pa., navy cost inspector, General Electric Co.  
 EN9-78 York, Pa., navy cost inspector, York Safe & Lock Co.  
 EN9-79 Cincinnati, Ohio, navy cost inspector, King Machine Tool Co.  
 EN9-80 Newport, R. I., navy cost inspector, navy purchasing office.  
 EN9-81 Los Angeles, Calif., navy cost inspector, Consolidated Steel Corporation.  
 EN9-82 Tampa, Fla., navy cost inspector, Tampa S. B. Co.  
 EN9-83 Charleston, S. C., navy cost inspector, Charleston S. B. & D. D. Co.  
 EN9-84 Minneapolis, Minn., navy cost inspector, General Mills Inc.

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## EN DEPARTMENT OF THE NAVY—Continued.

**Bureau of Supplies and Accounts—Continued.**

- EN9-85 Newark, N. J., navy cost inspector, Quimby Pump Co.
- EN9-86 Baltimore, Md., navy cost inspector, Rustless Iron & Steel Works.
- EN9-87 Birdsboro, Pa. navy cost inspector, Birdsboro Steel Foundry & Mach. Co.
- EN9-88 Pontiac, Mich., navy cost inspector, General Motors Corp.
- EN9-89 Buffalo, N. Y., navy cost inspector, Sterling Engine Co.
- EN9-90 Tacoma, Wash., navy cost inspector, Seattle-Tacoma S. B. Co.
- EN9-91 Rochester, N. Y., navy cost inspector, Bausch & Lomb Optical Co.
- EN9-92 Milwaukee, Wis., navy cost inspector, Nordberg Mfg. Co.
- EN9-93 Salem, Mass., navy cost inspector, Atwood & Morrill Co.
- EN9-94 College Point, N. Y., navy cost inspector, Edo Aircraft Corporation.
- EN9-95 Beaver Falls, Pa., navy cost inspector, Babcock & Wilcox Co.
- EN9-96 Long Island City, N. Y., navy cost inspector, Brewster Aeronautical Corporation.
- EN9-97 Savannah, Ga., navy cost inspector, Savannah Mach. & Fdry. Co.
- EN9-98 Elkton, Md., navy cost inspector, Triumph Explosives, Inc.
- EN9-99 Martin's Ferry, Ohio, navy cost inspector, Blaw-Knox Co.
- EN9-100 Providence, R. I., navy cost inspector, Oerliken Gazda Corporation.
- EN9-101 West Orange, N. J., navy cost inspector, Thomas A. Edison, Inc.
- EN9-102 Toledo, Ohio, navy cost inspector, Willys-Overland Motors Inc.
- EN9-103 New York, N. Y. (and Lebaron, N. J.), navy cost inspector, Excel Foundry & Machinery Co.
- EN9-104 Hamilton, Ohio, navy cost inspector, Herring-Hall-Marvin Safe Co.
- EN9-105 Cleveland, Ohio, navy cost inspector, Barth Stamping & Machine Works.
- EN9-106 Chicago Heights, Ill., navy cost inspector, American Locomotive Works.
- EN9-107 Detroit, Mich., navy cost inspector, Graham-Paige Motor Co.
- EN9-108 Denver, Colo., navy cost inspector, Wright Engineering Supply Co.
- EN9-109 Los Angeles, Calif., navy cost inspector, Automatic Machine Screw Co.
- EN9-110 Torrance, Calif., navy cost inspector, National Supply Plant Corp.
- EN9-111 Philadelphia, Pa., navy cost inspector, Day & Zimmerman, Inc.
- EN9-112 San Francisco, Calif., navy cost inspector, Union Iron Works.

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## EN DEPARTMENT OF THE NAVY—Continued.

## Bureau of Supplies and Accounts—Continued.

- EN9-113 Bridgeport, Conn., navy cost inspector, Bridgeport Brass Co.
- EN9-114 Mobile, Ala., navy cost inspector, Choctaw Boat Works, Inc.
- EN9-115 Cranston, R. I., navy cost inspector, Standard Machinery Co.
- EN9-116 Centerline, Mich., navy cost inspector, Hudson Motor Car Co.
- EN9-117 New York, N. Y., navy cost inspector, Merritt-Chapman & Scott Corp.
- EN9-118 Algiers, New Orleans, La., navy cost inspector, Todd-Johnson D. D. Co.
- EN9-119 San Francisco, Calif., navy cost inspector, United Engineering Co. Ltd.
- EN9-120 Sidney, Ohio, navy cost inspector, Monarch Machine Tool Co.
- EN9-121 Boston, Mass., navy cost inspector, Hartford Electric Steel Corp.
- EN9-122 Detroit, Mich., navy cost inspector, Lyon, Inc.
- EN9-123 Brooklyn, N. Y., navy cost inspector, Atlantic Basin Iron Works.
- EN9-124 Port Columbus, Ohio, navy cost inspector, Curtis-Wright Corp.
- EN9-125 New York, N. Y., navy cost inspector, Farrand Optical Co.
- EN9-126 Milwaukee, Wis., navy cost inspector, Falk Corp.
- EN9-127 Plainfield, N. J., navy cost inspector, Walter Scott & Co., Inc.
- EN9-128 Harrison, N. J., navy cost inspector, Worthington Pump & Machine Corp.
- EN9-129 Camden, N. J., navy cost inspector, Radio Corp. of America.
- EN9-130 First naval district, supervisory cost inspector.
- EN9-131 Third naval district, supervisory cost inspector.
- EN9-132 Fourth naval district, supervisory cost inspector.
- EN9-133 Fifth naval district, supervisory cost inspector.
- EN9-134 Ninth naval district, supervisory cost inspector.
- EN9-135 Twelfth naval district, supervisory cost inspector.
- EN9-136 Thirteenth naval district, supervisory cost inspector.
- EN9-137 New York, N. Y., navy cost inspector, Bristol & Martin, Inc.
- EN9-138 Chicago, Ill., navy cost inspector, Amertorp Corp.
- EN9-139 Detroit, Mich., navy cost inspector, Vickers, Inc.
- EN9-140 Waterbury, Conn., navy cost inspector, Vickers, Inc., Waterbury Tool Division.
- EN9-141 Pittsfield, Mass., navy cost inspector, General Electric Co.
- EN9-142 Detroit, Mich., navy cost inspector, Federal-Mogul Corp.
- EN9-143 Detroit, Mich., navy cost inspector, Ex-Cell-O Corp.
- EN9-144 Detroit, Mich., navy cost inspector, Aviation Corp., (Republic Aircraft Products Division).
- EN9-145 Detroit, Mich., navy cost inspector, Bohn Aluminum & Brass Corp.
- EN9-146 Santa Monica, Calif., navy cost inspector, Douglas Aircraft, Inc.

## EN DEPARTMENT OF THE NAVY—Continued.

## Bureau of Supplies and Accounts—Continued.

- EN9-147 West Bond, Wis., navy cost inspector, West Bond Aluminum Co.
- EN9-148 Milwaukee, Wis., navy cost inspector, A. O. Smith Corp.
- EN9-149 Renton, Wash., navy cost inspector, Boeing Aircraft Co.
- EN9-150 Seattle, Wash., navy cost inspector, Boeing Aircraft Co.
- EN9-151 Hartford, Conn., navy cost inspector, Maxim Silencer Co.
- EN9-152 Vernon, Calif., navy cost inspector, Western Gear Works.
- EN9-153 Springfield, Ohio, navy cost inspector, National Supply Co.
- EN9-154 Port Arthur, Tex., navy cost inspector, Texasteel Manufacturing Co.
- EN9-155 Muskegon, Mich., navy cost inspector, Kaydon Engineering Corp.
- EN9-156 Philadelphia, Pa., navy cost inspector, Joyce Machine Co.
- EN9-157 Coatesville, Pa., navy cost inspector, By-Products Steel Corp.
- EN9-158 Milwaukee, Wis., navy cost inspector, Globe-Union, Inc.
- EN9-159 Millington, Morris County, N. J., navy cost inspector, Asbestos Limited, Inc.
- EN9-160 Brooklyn, N. Y., navy cost inspector, Sullivan D. D. & Repair Co.
- EN9-161 Bayonne, N. J., navy cost inspector, Electric Boat Company.
- EN9-162 Hoboken, N. J., navy cost inspector, Tietjen and Lang D. D. Company.
- EN9-163 Brooklyn, N. Y., navy cost inspector, Robins D. D. & Repair Co.
- EN9-164 Toledo, Ohio, navy cost inspector, The Mather Spring Co.
- EN9-165 Columbus, Ohio, navy cost inspector, Bonney-Floyd Co.
- EN9-166 Philadelphia, Pa., navy cost inspector, American Pulley Co.
- EN9-167 Philadelphia, Pa., navy cost inspector, Phila. Non-Ferrous Fdry., Inc.
- EN9-168 Norfolk, Va., navy cost inspector, Norfolk S. B. & D. D. Company.
- EN9-169 Bridgeport, Conn., navy cost inspector, Jenkins Bros.
- EN9-170 San Diego, Calif., navy cost inspector, Consolidated Aircraft Corp.
- EN9-171 New Orleans, La., navy cost inspector, V. M. Friede, Inc.
- EN9-172 Trenton, N. J., navy cost inspector, DeLaval-Steam Turbine Co.
- EN9-173 Hamilton, Ohio, navy cost inspector, Hoovers-Owens-Rentschler Co.
- EN9-174 Cincinnati, Ohio, navy cost inspector, American Tool Works Co.
- EN9-175 Muncie, Ind., navy cost inspector, Durham Mfg. Co.

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**EN DEPARTMENT OF THE NAVY—Continued.****Bureau of Supplies and Accounts—Continued.**

- EN9-176 San Francisco, Calif., navy cost inspector, Enterprise Engine & Fdry. Co.  
 EN9-177 San Francisco, Calif., navy cost inspector, Western Pipe & Steel Co.  
 EN9-178 Niles, Calif., navy cost inspector, Pacific States Steel Corp.  
 EN9-179 Dunkirk, N. Y., navy cost inspector, American Locomotive Co.  
 EN9-180 Fort Wayne, Ind., navy cost inspector, Wayne Pump Co.  
 EN9-181 Huntington, Ind., navy cost inspector, Hosdreg & Co., Inc.

**EN10 Bureau of Medicine and Surgery.****Bureau of Aeronautics.**

- EN11 Inspectors of naval aircraft (general).  
 EN11-1 Eastern district, N. Y., general inspector of naval aircraft.  
 EN11-2  
 EN11-3 Dayton, Ohio, McCook Field, central division, general inspector of naval aircraft.  
 EN11-4 Garden City, Long Island, inspector of naval aircraft.  
 EN11-5 Keyport, N. J., inspector of naval aircraft.  
 EN11-6 Hartford, Conn., inspector of naval aircraft.  
 EN11-7 Ogdensburg, N. Y., inspector of naval aircraft.  
 EN11-8 Buffalo, N. Y., inspector of naval aircraft.  
 EN11-9 Hammondsport, N. Y., inspector of naval aircraft.  
 EN11-10 Dayton, Ohio, inspector of naval aircraft.  
 EN11-11 Akron, Ohio, inspector of naval aircraft.  
 EN11-12 Cleveland, Ohio, inspector of naval aircraft.  
 EN11-13 Detroit (Muskegon) Mich., inspector of naval aircraft.  
 EN11-14 Santa Monica, (El Segundo), Calif., inspector of naval aircraft.  
 EN11-15 New York, N. Y., inspector of naval aircraft, Loening.  
 EN11-16 Seattle, Wash., inspector of naval aircraft, Boeing.  
 EN11-17 Buffalo, N. Y., inspector of naval aircraft, Consolidated Aircraft Co. (obsolete).  
 EN11-18 Paterson, N. J., inspector of naval aircraft.  
 EN11-19 Bristol, Pa., inspector of naval aircraft.  
 EN11-20 Baltimore, Md., inspector of naval aircraft.  
 EN11-21 Bethpage, Long Island, N. Y. (formerly Farmingdale, N. Y.), inspector of naval aircraft.  
 EN11-22 Wichita, Kans., inspector of naval aircraft.  
 EN11-23 San Diego (Chula Vista), Calif., inspector of naval aircraft.  
 EN11-24 Long Island, N. Y., inspector of naval aircraft.  
 EN11-25 Stratford, Conn., inspector of naval aircraft.  
 EN11-26 Western District, general inspector of naval aircraft.  
 EN11-27 Tulsa, Okla., inspector of naval aircraft.  
 EN11-28 Robertson, Mo., inspector of naval aircraft.  
 EN11-29 Port Columbus, Ohio, inspector of naval aircraft.  
 EN11-30 Baltimore, Md., resident inspector of naval catapults.  
 EN11-31 Harrison, N. J., resident inspector of naval catapults.  
 EN11-32 Philadelphia, Pa., resident inspector of naval aircraft.
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## EN . DEPARTMENT OF THE NAVY—Continued.

**Bureau of Aeronautics—Continued.**

EN11-33 Dallas, Tex., resident inspector of naval aircraft.  
 EN11-34 Deep River, Conn., resident inspector of naval aircraft.  
 EN11-35 Miami, Fla., resident inspector of naval aircraft.  
 EN11-36 Norwood, Ohio, resident inspector of naval aircraft.  
 EN11-37 Long Island, N. Y., College Point, inspector of naval aircraft.  
 EN12 **Office of the Judge Advocate General of the Navy.**  
 EN13 **Naval Consulting Board.**  
 EN14 **Compensation Board.**  
 EN15 **General Board.**  
 EN16 **Board of Medical Examiners.**  
 EN17 **Naval Examining Board.**  
 EN18 **Naval Retiring Board.**  
 EN19 **Naval Dispensary.**  
 EN20 **Board for Examination of Medical Officers.**  
 EN21 **Board for Examination of Dental Officers.**  
 EN22 **Hydrographic Office.**  
 EN22-1 General.  
 EN22-2 Boston, Mass.  
 EN22-3 Portland, Maine.  
 EN22-4 New York, N. Y.  
 EN22-5 Buffalo, N. Y.  
 EN22-6 Philadelphia, Pa.  
 EN22-7 Baltimore, Md.  
 EN22-8 Norfolk, Va.  
 EN22-9 Savannah, Ga.  
 EN22-10 New Orleans, La.  
 EN22-11 Galveston, Tex.  
 EN22-12 Duluth, Minn.  
 EN22-13 Sault Ste. Marie, Mich.  
 EN22-14 Chicago, Ill.  
 EN22-15 Cleveland, Ohio.  
 EN22-16 Portland, Oreg.  
 EN22-17 San Francisco, Calif.  
 EN22-18 Panama, C. Z.  
 EN22-19 Seattle, Wash.  
 EN22-20 San Juan, P. R.  
 EN22-21 Hawaii, fourteenth naval district.  
 EN22-22 San Pedro, Calif.  
 EN22-23 Detroit, Mich.  
 EN23 **Naval Observatory.**  
 EN24 **Inspectors of naval material, general.**  
 EN24-1 Boston, Mass.  
 EN24-2 Hartford, Conn.  
 EN24-3 Schenectady, N. Y.  
 EN24-4 New York, N. Y.  
 EN24-5 Philadelphia, Pa.  
 EN24-6 Bethlehem, Pa.  
 EN24-7 Pittsburgh, Pa.  
 EN24-8 Cincinnati, Ohio.  
 EN24-9 Chicago, Ill.  
 EN24-10 Southern area.  
 EN24-11 Vernon, Calif. (Los Angeles district).  
 EN24-12 San Francisco, Calif.  
 EN24-13 Seattle, Wash.  
 EN24-14 Detroit, Mich.

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## EN DEPARTMENT OF THE NAVY—Continued.

- Inspectors of naval material, general—Continued.**
- EN24-15 Cleveland, Ohio.  
 EN24-16 Monroe, Mich., resident inspector.  
 EN24-17 Tecumseh, Mich., resident inspector.  
 EN24-18 Minneapolis, Minn., inspector of naval material.
- EN25 Supervisor of Shipbuilding.**
- EN25-1 Supervisor of Shipbuilding, general inspector.  
 EN25-2 Bayonne, N. J., Electric Boat Co.  
 EN25-3 Bay City, Mich., Defoe Boat & Motor Works.  
 EN25-4 Stamford, Conn., Luders Marine Construction Co.  
 EN25-5 Wilmington, Del., American Car & Foundry Co.  
 EN25-6 Bath, Maine, Bath Iron Works.  
 EN25-7 Quincy, Mass., Bethlehem Steel Co.  
 EN25-8 Groton, Conn., Electric Boat Co.  
 EN25-9 Camden, N. J., New York S. B. Corporation.  
 EN25-10 Newport News, Va., Newport News S. B. & D. D. Co.  
 EN25-11 New York, N. Y., Various S. B. Firms.  
 EN25-12 Kearny, N. J., Federal S. B. & D. D. Co.  
 EN25-13 New Orleans, La., Higgins Industries, Inc.  
 EN25-14 Miami, Fla., Fogal Boat Works.  
 EN25-15 Detroit, Mich., Fisher Boat Works.  
 EN25-16 Staten Island N. Y., Bethlehem Steel Co.  
 EN25-17 San Francisco, Calif., Bethlehem Steel Co. (Union Plant).  
 EN25-18 Seattle, Wash., Seattle-Tacoma S. B. Co.  
 EN25-19 Orange, Tex., Consolidated Steel Corporation.  
 EN25-20 Manitowoc, Wis., Manitowoc S. B. & D. D. Co., branch at Chicago, Ill., Henry C. Grebe & Co.  
 EN25-21 Cleveland, Ohio, American S. B. Co.  
 EN25-22 Houghton, Wash., Lake Washington Ship Yards.  
 EN25-23 Portland, Oreg., Commercial Iron Works.  
 EN25-24 San Pedro, Calif., Bethlehem Steel Co.  
 EN25-25 San Pedro, Calif., Los Angeles S. B. & D. D. Co.  
 EN25-26 Chickasaw, Ala., Gulf S. B. Co.  
 EN25-27 Lorraine, Ohio, American S. B. Co.  
 EN25-28 Philadelphia, Pa., Cramps S. B. Co.  
 EN25-29 Pascagoula, Miss., Ingalls S. B. Co.  
 EN25-30 Portland, Oreg., Willamette Iron & Steel Corporation.  
 EN25-32 Pittsburgh, Pa., Dravo Corp., Neville Island.  
 EN25-33 Annapolis, Md., Annapolis Yacht Yard.  
 EN25-34 Nashville, Tenn., Nashville Bridge Co.  
 EN25-35 Jeffersonville, Ind., Jeffersonville Boat and Machine Corporation.  
 EN25-36 Tampa, Fla., Tampa S. B. Co., branch at Miami S. B. Corporation, Miami, Fla.  
 EN25-37 Charleston, S. C., Charleston S. B. & D. D. Co.  
 EN25-38 Savannah, Ga., Savannah Machine & Foundry Co., branch at Gibbs Gas Engine Co., Jacksonville, Fla.  
 EN25-39 Camden, N. J., R. T. C. Ship Building Corporation.  
 EN25-40 Alameda, Calif., Pacific Coast Engineering Co.  
 EN26 Citizens Naval Training Camp, inspector.  
 EN27 General Staff of the Navy.
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**EN DEPARTMENT OF THE NAVY—Continued.**

- EN28 Bureau of Ships.**  
**EN28-1 Board on changes.**  
**EN28-2 Special representative, gulf area, headquarters, New Orleans, La.**  
**EN30 Washington, D. C. (Bethesda, Md.), Naval Medical Center.**

**EO UNITED STATES BUREAU OF EFFICIENCY.****EP POST OFFICE DEPARTMENT.**

- EP1 Postmaster General.**  
**EP3 Division of Solicitor.**  
**EP4 Division of Purchasing Agent.**  
**EP5 Division of Post Office Inspectors.**  
**EP6 First Assistant Postmaster General.**  
 Division of Post Office Service.  
 Division of Postmasters' Appointments.  
 Division of Dead Letters.  
 Division of Correspondence.  
**EP7 Second Assistant Postmaster General.**  
 Division of Railway Adjustments.  
 Division of Foreign Mails.  
 Division of Railway Mail Service.  
 Division of Air Mail Service.  
 Superintendent of radio.  
**EP8 Third Assistant Postmaster General.**  
 Classification.  
 Finance Division.  
 Money orders.  
 Postal savings.  
 Registered mails.  
 Stamps.  
**EP9 Fourth Assistant Postmaster General.**  
 Division of Rural Mails.  
 Division of Engineering and Research Division of Post Office Corps.  
 Division of Equipment and Supplies.  
 Mail equipment shops.  
 Superintendent of Motor Vehicle Service.  
**EP10 Comptroller.**  
 Division of Postmasters' Accounts.  
 Division of Postal Service Pay Rolls.  
 Electrical accounting system.

**EQ FEDERAL RESERVE BOARD.****ER FEDERAL TRADE COMMISSION.**

- ER1 Legal Division.**  
**ER2 Economic Division.**  
**ER3 Export Trade Division.**  
**ER4 Trading With Enemy Division.**  
**ER5 Administration Division.**

**ES DEPARTMENT OF STATE.**

- ES1 The Secretary of State.**  
**ES2 Undersecretary of State.**  
**ES3 Division of Far Eastern Affairs.**
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**ES DEPARTMENT OF STATE—Continued.**

ES4 Division of Mexican Affairs.  
 ES5 Division of Russian Affairs.  
 ES6 Division of Near Eastern Affairs.  
 ES7 Division of Latin American Affairs.  
 ES8 Division of Passport Control.  
 ES9 Division of Western European Affairs.  
 ES10 Division of Publications.  
 ES11 Division of Political and Economic Information.  
 ES12 Division of Current Information.  
 ES13 Bureau of Accounts.  
 ES14 Disbursing clerk.  
 ES15 Bureau of Appointments.  
 ES16 Bureau of Consular Service.  
 ES17 Bureau of Diplomatic Service.  
 ES18 Embassies, legations, ambassadors, ministers, and  
     diplomats, special officers.  
 ES19 Consulates.  
 ES20 Bureau of Indexes and Archives.  
 ES21 Editor of Laws of Congress.  
 ES22 Officer in charge of ceremonials.  
 ES23 Division of Eastern European Affairs.  
 ES24 Division of Foreign Service Administration.  
 ES25 Bureau of Foreign and Domestic Commerce.  
 ES26 Foreign Agriculture Service.

**ET DEPARTMENT OF THE TREASURY.**

ET1 The Secretary of the Treasury.  
 ET2 The Undersecretary (in charge of fiscal affairs).  
 ET3 Comptroller of the Currency.  
 ET4 Treasurer of the United States.  
 ET5 National Bank Redemption Agency.  
 ET6 Bureau of the Budget.  
 ET6-1 Chief coordinator.  
 ET6-2 Coordinator, motor transport.  
 ET6-3 Federal Real Estate Board.  
 ET6-4 Coordinator for traffic.  
 ET6-5 Interdepartmental Board of Contracts and Adjust-  
     ments.  
 ET6-6 Federal Purchasing Board and Procurement Division.  
 ET6-7 Division of Statistical Standards of Government  
     Reports (formerly, Federal Statistical Board).  
 ET7 Commissioner of Internal Revenue.  
 ET8 Director of the Mint.  
 ET9 Register of the Treasury.  
 ET10 Federal Farm Loan Bureau.  
 ET11 Bureau of Engraving and Printing.  
 ET12 Bureau of Public Health Service.  
 ET12-1 Quarantine stations.  
 ET13 Hygienic Laboratory.  
 ET14 The Coast Guard.  
 ET15 Supervising Architect's Office.  
 ET16 General Supply Committee.  
 ET17 Customhouse (customs).  
 ET18 Prohibition Bureau.  
     Agents and inspectors.  
 ET19 Bureau of Lighthouses.  
 ET20 Division of Disbursements.

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**EU AERONAUTIC COMMISSION—CIVIL AUTHORITY.****EV UNITED STATES RAILROAD ADMINISTRATION.**

**EV1** Director General.  
**EV2** Assistant to Director General.

**EW DEPARTMENT OF WAR.**

**EW1** Secretary.  
**EW2** Assistant Secretary.  
**EW3** War Department General Staff.  
**EW3-1** Military intelligence.  
**EW3-2** Military attachés.  
**EW4** Chief of Cavalry.  
**EW5** Chief of Field Artillery.  
**EW6** Chief of Coast Artillery.  
**EW7** Chief of Infantry.  
**EW8** Chief of Chaplains.  
**EW9** Adjutant General.  
**EW10** Inspector General.  
**EW11** Judge Advocate General.  
**EW12** Quartermaster General.  
     Army Transportation Service.  
**EW13** Chief of Finance.  
**EW14** Surgeon General of the Army.  
     Army Medical Museum and Library.  
     Army Medical School.  
     Attending surgeon.  
**EW15** Chief of Engineers.  
     Board of Engineers for Rivers and Harbors.  
     Public Buildings and Grounds. (See GD.)  
     United States Engineer Office.  
     Lake Survey Office, Detroit, Mich.  
     Mississippi River Commission.  
     California Debris Commission.  
**EW16** Chief of Ordnance.  
**EW17** Chief Signal Officer.  
**EW18** Chief of the Air Service.  
**EW19** Bureau of Insular Affairs. (See EL33.)  
**EW20** Militia Bureau (Army).  
**EW21** Chief of the Chemical Warfare Service.  
**EW22** Inland and Coastwise Waterways Service. (See EC20.)  
**EW23** War Credits Board.  
**EW24** Army War College.  
**EW25** Army reproduction plant.  
**EW26** Citizens military training camps.  
**EW27** Army arsenals, etc.  
**EW27-1** Edgewood.  
**EW27-2** Frankford.  
**EW27-3** Picatinny.  
**EW27-4** Watervliet.  
**EW27-5** Aberdeen proving ground.  
**EW27-6** Watertown.  
**EW27-7** Rock Island.  
**EW27-8** Pig Point ordnance depot (Nansemond).  
**EW27-9** Raritan.  
**EW27-10** Venicia.  
**EW28** Army schools.

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**EX UNITED STATES SHIPPING BOARD EMERGENCY FLEET CORPORATION (OBSOLETE).**

- EX1** President of Board.
- EX2** General comptroller.
- EX3** Treasurer.
- EX4** General counsel.
- EX5** Operation.
- EX6** Allocation and charters.
- EX7** Traffic.
- EX8** Finances.
- EX9** Ship sales and surplus property.
- EX10** Department of Maintenance and Repair.
- EX11** Operating Department.
- EX12** Allocations Department.
- EX13** Chartering Department.
- EX14** Traffic Department.
- EX15** Insurance Department.
- EX16** Ship Sales Department.
- EX17** Surplus Property Department.

**EY THE JOINT ARMY AND NAVY BOARD.**

**EZ UNITED STATES COUNCIL OF NATIONAL DEFENSE.**

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**FA SECTIONS (VESSELS).**

**FA1** Section 1.  
**FA2** Section 2.  
 Etc.

**FB DIVISIONS (VESSELS).**

**FB1** Battleship.  
**FB2** Carrier.  
**FB3** Cruiser.  
**FB4** Destroyer.  
**FB5** Submarine.  
**FB6** Mine.  
**FB7** Transport.  
**FB8** Motor torpedo boat.  
**FB9** Train.  
**FB10** Sub chaser.  
**FB11** Experimental.

To individualize this class designation, add thereto the identification number of the Division in question. Example:

FB1-1. Battleship Division 1.  
 FB7-3. Transport Division 3.

**FC SQUADRONS (VESSELS).**

**FC4** Destroyer.  
**FC5** Submarine.  
**FC6** Mine squadron.  
**FC8** Motor torpedo boat.  
**FC10** Sub chaser.

To individualize this class designation, add thereto the identification number of the Squadron in question. Example:

FC4-2. Destroyer Squadron 2.  
 FC10-5. Sub Chaser Squadron 5.

**FD FLOTILLAS (VESSELS).**

**FD4** Destroyer.

To individualize this class designation, add thereto the identification number of the Flotilla in question. Example: FD4-4. Destroyer Flotilla 4.

**FE FORCE (VESSELS).**

<b>FE1</b>	<b>Battle.</b>	<b>FE14</b>	<b>Air.</b>
<b>FE2</b>	<b>Base.</b>	<b>FE15</b>	<b>Patrol.</b>
<b>FE3</b>	<b>Scouting.</b>	<b>FE16</b>	<b>Convoy.</b>
<b>FE4</b>	<b>Control.</b>	<b>FE17</b>	<b>Mine laying.</b>
<b>FE5</b>	<b>Screening.</b>	<b>FE18</b>	<b>Observation.</b>
<b>FE6</b>	<b>Fleet transportation.</b>	<b>FE19</b>	<b>Coastal.</b>
<b>FE7</b>	<b>Attack.</b>	<b>FE20</b>	<b>Raiding.</b>
<b>FE8</b>	<b>Support.</b>	<b>FE21</b>	<b>Pickets.</b>
<b>FE9</b>	<b>Striking.</b>	<b>FE22</b>	<b>Out guards.</b>
<b>FE10</b>	<b>Escort.</b>	<b>FE23</b>	<b>Main body.</b>
<b>FE11</b>	<b>Blockade.</b>	<b>FE24</b>	<b>Task.</b>
<b>FE12</b>	<b>Protective.</b>	<b>FE25</b>	<b>Amphibian.</b>
<b>FE13</b>	<b>Mine-sweeping.</b>		

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**FF FLEETS (VESSELS).**

The first FF Group appearing below is obsolete, and to be used only for correspondence prior to April 1, 1931. The second FF Group appearing below is obsolete, and to be used for correspondence between April 1, 1931, and June 30, 1941. For current correspondence use the symbols appearing in the third FF Group.

<b>FF1</b>	<b>United States Fleet.</b>
<b>FF2</b>	<b>Battle Fleet.</b>
<b>FF2-1</b>	Battleship divisions.
<b>FF2-2</b>	Destroyer squadrons.
<b>FF2-3</b>	Aircraft squadrons.
<b>FF2-4</b>	Submarine divisions.
<b>FF3</b>	<b>Scouting Fleet.</b>
<b>FF3-1</b>	Battleship divisions.
<b>FF3-2</b>	Light cruiser divisions.
<b>FF3-3</b>	Destroyer squadrons.
<b>FF3-4</b>	Aircraft squadrons.
<b>FF3-5</b>	Training squadrons.
<b>FF4</b>	<b>Control Force.</b>
<b>FF4-1</b>	Submarine divisions.
<b>FF4-2</b>	Mine squadron 1.
<b>FF5</b>	<b>Fleet Base Force.</b>
<b>FF5-1</b>	Train squadron 1
<b>FF5-2</b>	Train squadron 2.
<b>FF5-3</b>	Mine squadron 2.
<b>FF6</b>	<b>Asiatic Fleet.</b>
<b>FF6-1</b>	Yangtze patrol.
<b>FF6-2</b>	South China patrol.
<b>FF6-3</b>	Destroyer squadrons.
<b>FF6-4</b>	Submarine divisions.
<b>FF6-5</b>	Mine detachment.
<b>FF6-6</b>	Air force.
<b>FF6-7</b>	Auxiliary.
<b>FF7</b>	<b>Naval Forces (Europe).</b>
<b>FF7-1</b>	Destroyer detachment.
<b>FF8</b>	<b>Special service squadron.</b>
<b>FF9</b>	<b>Naval transportation service.</b>
<b>FF10</b>	<b>Vessels on special duty.</b>
<b>FF11</b>	<b>Carrier divisions.</b>
<b>FF11-1</b>	Carrier division 1.
<b>FF11-2</b>	Carrier division 2.
<b>FF12</b>	<b>Mine force (mine squadron 1).</b>
<b>FF12-1</b>	Mine division 1.
<b>FF12-2</b>	Mine division 2.

**AFTER APRIL 1, 1931**

<b>FF1</b>	<b>United States Fleet.</b>
<b>FF2</b>	<b>Battle Force, United States Fleet.</b>
<b>FF2-1</b>	Battleships.
<b>FF2-2</b>	Destroyers.
<b>FF2-3</b>	Aircraft.
<b>FF2-5</b>	Minecraft.
<b>FF2-6</b>	Cruisers.

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## FF FLEETS (VESSELS)—Continued.

AFTER APRIL 1, 1931—Continued

**FF3 Scouting Force, United States Fleet.**  
**FF3-2 Cruisers.**  
**FF3-3 Destroyers.**  
**FF3-4 Aircraft.**  
**FF3-5 Training squadron.**  
**FF4 Submarine Force, United States Fleet.**  
**FF4-3 Squadron 3, operating Coco Solo.**  
**FF4-4 Squadron 4, operating Pearl Harbor.**  
**FF4-5 Submarine Division 4, operating New London.**  
**FF4-6 Submarine Division 12, operating Battle force.**  
**FF5 Base Force, United States Fleet.**  
**FF5-1 Training squadron 1.**  
**FF5-2 Training squadron 2.**  
**FF5-4 Aircraft training squadron 1.**  
**FF5-5 Aircraft training squadron 2.**  
**FF6 Asiatic Fleet.**  
**FF7 Naval forces, Europe.**  
**FF8 Special service squadron.**  
**FF9 Naval transportation service.**  
**FF10 Vessels on special duty.**  
**FF11 Training detachment, United States Fleet.**  
**FF11-1 Destroyer training detachment, United States Fleet.**  
**FF12 Pacific Fleet.**  
**FF12-1 Battle force.**  
**FF12-2 Battleships, battle force.**  
**FF12-3 Cruisers, battle force.**  
**FF12-4 Destroyers, battle force.**  
**FF12-5 Aircraft, battle force.**  
**FF12-6 Minecraft, battle force.**  
**FF12-7 Scouting force.**  
**FF12-8 Cruisers, scouting force.**  
**FF12-9 Aircraft scouting force.**  
**FF12-10 Submarine, scouting force.**  
**FF12-11 Experimental division.**  
**FF12-12 Base force.**  
**FF12-13 Train, base force.**  
**FF12-14 Transports, base force.**  
**FF12-15 Task force.**  
**FF13 Atlantic Fleet.**  
**FF13-1 Motor torpedo squadron 1.**  
**FF13-2 Motor torpedo squadron 2.**  
**FF13-3 Submarine chaser squadron 1.**  
**FF13-4 Battleships.**  
**FF13-5 Cruisers.**  
**FF13-6 Destroyers.**  
**FF13-7 Aircraft squadron.**  
**FF13-8 Submarine squadron.**  
**FF13-9 Train.**  
**FF13-10 Transports.**  
**FF13-11 Submarine chaser squadron.**  
**FF13-12 Motor torpedo squadron 3.**  
**FF13-13 Submarine squadron 20.**  
**FF13-13 Submarine patrol group.**  
**FF13-14 Mine craft.**  
**FF13-15 Support force.**

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**FF FLEETS (VESSELS)**—Continued.

AFTER JULY 1, 1941

**FF FLEETS (VESSELS).**

<b>FF1</b>	<b>United States Fleet.</b>
<b>FF6</b>	<b>Asiatic Fleet.</b>
<b>FF6-1</b>	Yangtze patrol.
<b>FF6-2</b>	South China patrol.
<b>FF6-3</b>	Destroyers.
<b>FF6-4</b>	Aircraft.
<b>FF7</b>	<b>Naval forces, Europe.</b>
<b>FF8</b>	<b>Special service squadron.</b>
<b>FF9</b>	<b>Naval transportation service.</b>
<b>FF10</b>	<b>Vessels on special duty.</b>
<b>FF12</b>	<b>Pacific Fleet.</b>
<b>FF12-1</b>	Battle force.
<b>FF12-2</b>	Battleships, battle force.
<b>FF12-3</b>	Cruisers, battle force.
<b>FF12-4</b>	Destroyers, battle force.
<b>FF12-5</b>	Aircraft, battle force.
<b>FF12-6</b>	Minecraft, battle force.
<b>FF12-7</b>	Scouting force.
<b>FF12-8</b>	Cruisers, scouting force.
<b>FF12-9</b>	Aircraft, scouting force.
<b>FF12-10</b>	Submarines, scouting force.
<b>FF12-12</b>	Base force.
<b>FF12-16</b>	Commander, patrol wings.
<b>FF12-17</b>	Advanced carrier training group.
<b>FF13</b>	<b>Atlantic Fleet.</b>
<b>FF13-2</b>	Aircraft.
<b>FF13-4</b>	Battleships.
<b>FF13-5</b>	Cruisers.
<b>FF13-6</b>	Destroyers.
<b>FF13-8</b>	Submarines.
<b>FF13-9</b>	Train.
<b>FF13-16</b>	Commander, patrol wings.
<b>FF13-17</b>	Advanced carrier training group.

For further subdivision of vessels into smaller groups such as Divisions, Squadrons,\* and Flotillas see the FB, FC, and FD groups, respectively. Symbols for these in the above FF classifications are obsolete.

**FG AIR GROUPS.**

<b>FG1</b>	<b>Blank.</b>	<b>FG11</b>	<b>Intrepid.</b>
<b>FG2</b>	<b>Lexington.</b>	<b>FG12</b>	<b>Kearsarge.</b>
<b>FG3</b>	<b>Saratoga.</b>	<b>FG13</b>	<b>Franklin.</b>
<b>FG4</b>	<b>Ranger.</b>	<b>FG14</b>	<b>Hancock.</b>
<b>FG5</b>	<b>Yorktown.</b>	<b>FG15</b>	<b>Randolph.</b>
<b>FG6</b>	<b>Enterprise.</b>	<b>FG16</b>	<b>Cabot.</b>
<b>FG7</b>	<b>Wasp.</b>	<b>FG17</b>	<b>Bunker Hill.</b>
<b>FG8</b>	<b>Hornet.</b>	<b>FG18</b>	<b>Oriskany.</b>
<b>FG9</b>	<b>Essex.</b>	<b>FG19</b>	<b>Ticonderoga.</b>
<b>FG10</b>	<b>Bon Homme Rich- ard.</b>	<b>FG20</b>	<b>Long Island.</b>

**FH UNITS (VESSELS).**

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**FJ DETACHMENTS (VESSELS).**

**FP PATROL WINGS (AIRCRAFT).**

To individualize this class designation, add thereto the identification number of the particular wing in question. Example:

- FP1. Patrol Wing No. 1.
- FP6. Patrol Wing No. 6.

**FS SHIP OR SHIPS.**

**FT TRAIN (VESSELS).**

**FU UTILITY WINGS (AIRCRAFT).**

**FV SQUADRONS (AIRCRAFT).**

**FV1 Transitional Training Squadron.**

To individualize this class designation, add thereto the identification number of the particular Squadron in question. Example:

- FVO-1. Observation Squadron 1.
- FVCS-9. Cruiser Squadron 9.

**GA COLUMBIA INSTITUTION FOR THE DEAF.**

**GB UNITED STATES INTERDEPARTMENTAL SOCIAL HYGIENE BOARD.**

**GC INTERNATIONAL SANITARY BUREAU.**

**GD OFFICE OF PUBLIC BUILDINGS FOR THE NATIONAL CAPITAL.**

**GE LINCOLN MEMORIAL COMMISSION.**

**GF GENERAL ACCOUNTING OFFICE.**

**GG INTERSTATE COMMERCE COMMISSION.**

- GG1 Director of accounts.
- GG2 Director of finance.
- GG3 Chief examiner.
- GG4 Chief, bureau of informal cases.
- GG5 Bureau of inquiry.
- GG6 Chief counsel.
- GG7 Chief, bureau of locomotive inspection.
- GG8 Bureau of service.
- GG9 Director of statistics.
- GG10 Director of traffic.
- GG11 Director of valuation.
- GG12 Federal coordinator of transportation.

**GH · DISTRICT OF COLUMBIA—COMMISSIONERS, ETC.**

**GI CARNEGIE INSTITUTE.**

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**GJ CONGRESS OF THE UNITED STATES.**

- GJ1** United States Senate.
- GJ1-1** President or President pro tempore.
- GJ2** United States House of Representatives.
- GJ2-1** Speaker of.
- GJ3** Library of Congress.
- GJ3-1** Librarian of Congress.
- GJ4** Senate and House joint committee.
- GJ5** Senate committee.
- GJ6** House committee.
- GJ7** Members of Senate.
- GJ8** Members of House.
- GJ9** Congressional Directory.  
Congressional Record.

**GK AMERICAN BUREAU OF SHIPPING.**

**GL UNITED STATES CAPITOL.**

- GL1** Architect of the Capitol.

**GM UNITED STATES BOTANIC GARDENS.**

**GN PAN AMERICAN UNION.**

**GO CIVIL SERVICE COMMISSION.**

**GP GOVERNMENT PRINTING OFFICE.**

**GQ SUPREME COURT OF THE UNITED STATES.**

**GR CIRCUIT COURT OF APPEALS OF THE UNITED STATES.**

**GS DISTRICT COURTS OF THE UNITED STATES.**

**GT COURT OF CLAIMS OF THE UNITED STATES.**

**GU UNITED STATES COURT OF CUSTOMS APPEALS.**

**GV STATE SUPREME COURTS.**

**GW STATE APPELLATE COURTS.**

**GX STATE AND COUNTY COURTS OTHER THAN STATE SUPREME AND APPELLATE COURTS.**

- GX1** Circuit and superior trial courts.
- GX2** Probate courts.
- GX3** Municipal courts.
- GX4** Juvenile courts.

**GY TARIFF COMMISSION.**

**GZ POLICE COURTS AND JUSTICES OF PEACE.**

**HA WAR FINANCE CORPORATION.**

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**HB ALIEN PROPERTY CUSTODIAN.**

**HC UNITED STATES EMPLOYEES' COMPENSATION COMMISSION.**

**HD NATIONAL SCREW-THREAD COMMISSION.**

**HE VETERANS' ADMINISTRATION.**

Includes Bureau of Pensions, National Home for Disabled Volunteer Soldiers, United States Veterans' Bureau (war-risk insurance and vocational training.)

**HF FEDERAL BOARD FOR VOCATIONAL EDUCATION.**

**HG THE PANAMA CANAL.**

**HH BOARD OF ROAD COMMISSIONERS FOR ALASKA.**

**HI COMMISSION ON NAVY YARDS AND NAVAL STATIONS.**

**HJ AMERICAN NATIONAL RED CROSS.**

**HK NATIONAL ADVISORY COMMITTEE FOR AERONAUTICS.**

**HL THE INTERNATIONAL JOINT COMMISSION.**

**HM INTERNATIONAL BOUNDARY COMMISSION, UNITED STATES AND CANADA.**

**HN INTERNATIONAL BOUNDARY COMMISSION, UNITED STATES AND MEXICO.**

**HO BOARD OF SURVEYS AND MAPS OF THE FEDERAL GOVERNMENT.**

For Hydrographic Office, United States Navy and its branches, see EN22.

**HP THE UNITED STATES SECTION OF THE INTER-AMERICAN HIGH COMMISSION.**

**HQ FEDERAL POWER COMMISSION.**

**HR UNITED STATES GEOGRAPHIC BOARD.**

**HS ROCK CREEK AND POTOMAC PARKWAY COMMISSION.**

**HT THE COMMISSION OF FINE ARTS.**

**HU WASHINGTON NATIONAL MONUMENT SOCIETY.**

**HV MEMORIAL BRIDGE COMMISSION.**

**HW ARLINGTON MEMORIAL AMPHITHEATER COMMISSION.**

**HY EMERGENCY ADMINISTRATION ORGANIZATIONS.**

Subnumbers can be added to designate various divisions—AAA, PWA, CCC, etc.

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## HX PECUNIARY CLAIMS ARBITRATION COMMISSION.

## HZ UNITED STATES SOLDIERS' HOME.

## IX UNCLASSIFIED VESSELS.

IX1	Annapolis (ex-PG-10) (stricken).	IX24	Philadelphia (stricken).
IX2	Despatch (ex-Boston).	IX25	Reina Mercedes.
IX3	Briarcliff (stricken).	IX26	Southery (stricken).
IX4	Cheyenne (ex-BM-10) (stricken).	IX27	Sturgeon Bay (stricken).
IX5	Alton (stricken).	IX28	Wheeling (ex-PG14).
IX6	Coast B. S. No. 4 (ex-BB4) (stricken).	IX29	Wilmette.
IX7	Commodore (stricken).	IX30	Dover (ex-PG8; ex-Wilmington).
IX8	Cumberland.	IX31	Wolverine (stricken).
IX9	Dubuque (ex-AG6, now PG17).	IX32	Yantic (stricken).
IX10	Essex (stricken).	IX33	Newton.
IX11	Gopher (stricken).	IX34	California State (stricken).
IX12	Hancock (ex-AP3) (stricken).	IX38	Empire State (stricken).
IX13	Hartford.	IX39	Seattle (ex-CA11).
IX14	Hawk (ex-PY2) (stricken).	IX40	Olympia (ex-CL15).
IX15	Prairie State (ex-BB7; ex-Illinois).	IX41	America.
IX17	Monadnock (ex-BM3) (stricken).	IX42	Camden (ex-AS6).
IX18	Nantucket (ex-PG23) (stricken).	IX43	Freedom.
IX19	Newport (ex-PG12) (stricken).	IX44	DCH-1 (ex-Walker; ex-DD163).
IX20	Constellation.	IX45	Favorite (ex-YX10).
IX21	Constitution.	IX46	Transfer (ex-YX19).
IX22	Oregon (ex-BB3).	IX47	Vamarie (ex-YX23).
IX23	Paducah (ex-AG7; now PG18).	IX48	Highland Light.
		IX49	Spindrift.
		IX50	Bowdoin.
		IX51	Seattor No. 1.
		IX52	Chengho.
		IX53	Seattor No. 2.
		IX54	Yacht Galaxy.

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**JC GASES AND GAS CONTAINERS.**

<b>JC1</b>	Gases.	<b>JC7</b>	Helium.
<b>JC2</b>	Containers.	<b>JC8</b>	Hydrogen.
<b>JC3</b>	Acetylene.	<b>JC9</b>	Nitrogen.
<b>JC4</b>	Ammonia.	<b>JC10</b>	Oxygen.
<b>JC5</b>	Chloride.	<b>JC11</b>	Compressed air.
<b>JC6</b>	CO <sub>2</sub> .		

**JE OFFICER'S MESS.**

<b>JE1</b>	Admiral's.	<b>JE4</b>	Junior officers' (steerage).
<b>JE2</b>	Captain's.	<b>JE5</b>	Warrant officer's.
<b>JE3</b>	Wardroom.	<b>JE6</b>	Chief petty officer's.

**JF SHIP STORES AND CANTEENS AND THEIR PROFITS.****JG SUPPLIES.**

<b>JG1</b>	Title B articles.	<b>JG2</b>	Title C articles.
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**JH WATER AND ICE.**

<b>JH1</b>	Water.	<b>JH2</b>	Ice.
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**JJ MATERIAL.**

The following Classification Index of Naval Stores and Material designates those classes under which the great majority of naval material falls.

For filing purposes in many activities by combining JJ (Material) with the class number, a file symbol can be obtained which will suffice for correspondence of a general nature. Further individual classification of material can be obtained by referring to the Index of Naval Specifications, the latest issue of which is available in the Supply Department of the nearest navy yard or naval station. These specification numbers preceded by the JJ (Material) symbol will give the complete file number for any particular commodity.

Specific symbols for certain commodities will be found in the JA to JZ group. These numbers for general correspondence should be used as they appear in the classification. For example: Helium—JC7; Iron and Steel JJ46-1.

Test reports on material and apparatus should be filed under the material groups, "Ships—S," "Shore—N," and "Aircraft—F," unless they are common to all, such as hose, metals, fuels, etc.

**CLASSIFICATION INDEX OF NAVAL STORES AND MATERIALS.**

1. GUNS (anti-aircraft; boat; coast-defense: Drill; field; machine; main-battery; secondary-battery; siege): Gun-mounts; instruments (fire-control; optical); and their parts.
2. ARMS, SMALL: and all accessories, outfits and parts.
3. MINES; NETS; TORPEDOES: TORPEDO-TUBES; and all accessories, outfits, and parts.
4. AMMUNITION: Ammunition-details; blasting-apparatus; bombs.
5. FLAGS: bunting.
6. ANCHORS: Anchor-chains; and other ground-tackle (boat and ship).

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**JJ MATERIAL—Continued.****CLASSIFICATION INDEX OF NAVAL STORES AND MATERIALS—Continued.**

7. FUEL: Charcoal; coal; Coke; Dust-fuels; gas; gasoline: Oil (fuel); wood, etc.
  8. MOTOR-VEHICLES: Bicycles; trailers; and all accessories, outfits, and parts.
  9. BOATS.
  10. BOILERS and ENGINES (boat; power): and all accessories, outfits, and parts.
  11. PUMPS: and their parts.
  12. BOAT and SHIP-FITTINGS.
  13. ENGINE-ROOM and FIRE-ROOM-FITTINGS, Supplies, and Tools.
  14. OILS (illuminating and lubricating): Greases; and all lubricants.
  15. ELECTRIC-CABLE and WIRE (insulated).
  16. RADIO and SOUND-SIGNAL-APPARATUS: and all accessories, outfits, and parts.
  17. ELECTRIC-APPARATUS: and all accessories, outfits, and parts.
  18. INSTRUMENTS OF PRECISION: and all accessories, outfits, and parts.
  19. BLOCKS; RIGGING: and all accessories, outfits, and parts.
  20. SUBMARINE-MATERIAL.
  21. CORDAGE: Hemp; jute; oakum; twine; including manufactured articles.
  22. ROPE, WIRE; and WIRE, BARE: including manufactured articles.
  23. BOAT and SHIP-UTENSILS.
  24. DUCK, CANVAS; TENTAGE: including manufactured articles.
  25. TOBACCO-PRODUCTS: Cigars; cigarettes; and all accessories, outfits, and supplies.
  26. FURNITURE.
  27. DRY-GOODS; TEXTILES: Bedding; buttons; curtains; cushions; draperies; findings; floor-coverings; linoleum; notions; oilcloth; trimmings; upholstery-materials; yarns; etc.
  28. BLANK-FORMS.
  29. TOILET-ARTICLES: and all accessories, outfits, and parts.
  30. BATHROOM and TOILET-FIXTURES: and all accessories, outfits, and parts.
  31. LIGHTING-APPARATUS (nonelectric): and all accessories, outfits and parts.
  32. FIRE-SURFACING and HEAT-INSULATING-MATERIAL.
  33. GASKETS; HOSE; PACKING; RUBBER (sheet and strip): Hose-fittings; tubing (flexible); including manufactured articles.
  34. LEATHER: Belting; harness; saddlery; including manufactured leather articles.
  35. BOOKS: Blueprints; charts; drawings; libraries; maps; newspapers; periodicals; professional-publications; etc.
  36. MUSICAL INSTRUMENTS: Music; and all accessories, outfits and parts.
  37. ATHLETIC-EQUIPMENT; RECREATIONAL-APPARATUS; SPORTING-GOODS: Special wearing-apparel.
  38. BROOMS; BRUSHES.
  39. LUMBER; TIMBER (barrels; boxes; cases; crates): Wooden; railroad-ties; including manufactured lumber.
  40. TOOLS, MACHINE (bending-rolls; drop-hammers; drills; grinders: Lathes; milling-machines; planers; presses; punches; riveters; rolling-machines; saws; shears, etc.), and all accessories, outfits, and parts.
  41. TOOLS, HAND.
  42. HARDWARE (builders'; general).
  43. BOLTS; NUTS; RIVETS; SCREWS; WASHERS.
  44. PIPE; TUBES; TUBING (nonflexible).
  45. PIPE-FITTINGS.
  46. METAL IN BARS (flat; hexagon; octagon; round; square): Billets; ingots; pigs; slabs.
  47. METAL IN PLATES and SHEETS.
  48. METAL-SHAPES (angles; channels; half-rounds; I-beams; T's; Z's, etc.): Structural-metal.
  49. Now classes 80 to 90 inclusive.
  50. FOUNDRY-APPARATUS: and all accessories, outfits and supplies.
  51. ACIDS; CHEMICALS; DRUGS; GASES; SOAPS: Abrasive-materials; cleaning, cutting and polishing-compounds.
  52. PAINTS: Paint-ingredients.
  53. STATIONERY: Bags, paper; books, blank; boxes; paper; cartons; drafting-room, office and printers'-supplies.
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**JJ MATERIAL—Continued.****CLASSIFICATION INDEX OF NAVAL STORES AND MATERIALS—Continued.**

54. OFFICE-EQUIPMENT: Adding-machines; cash-registers; numbering-machines; typewriters; etc.
55. TEXTILE-CLOTHING; KNITTED-GOODS.
56. FOOD: Groceries; ice; provisions; subsistence.
57. HOSPITAL, LABORATORY and SURGICAL-APPARATUS: and all accessories, outfits, parts and supplies.
58. RAILWAY, DOCK and YARD-EQUIPMENT: including fire-fighting-apparatus.
59. BUILDING-MATERIAL: Asphalt; brick; cement; granite; gravel; lime; mill-work; roofing-material; sand; stone; tar; tiling, etc.
60. BOILERS AND ENGINES (power-plant; ship), and all accessories, outfits, and parts.
61. GYRO-COMASSES: and all accessories, outfits and parts.
62. ARTICLES OF SPECIAL VALUE: Bullion; jewelry; museum-collections; paintings; precious metals and stones; statuary; works of art, etc.
63. TABLEWARE (barracks; crew's-mess; hospital; hotel; officers'-mess; ship-saloon): Aluminum-ware; chinaware; corrosion-resisting-steel-ware; glassware; silverware.
64. BAKE-SHOP and KITCHEN-APPARATUS and UTENSILS: Aluminum-utensils; corrosion-resisting-steel-utensils; galley-gear; tinware; and all accessories, outfits, and parts.
65. OVENS, RANGES and STOVES: and all accessories, outfits, and parts.
66. MACHINERY: and equipment.
67. FORAGE: Bulbs and roots; plants, shrubs, and trees; seeds.
68. LIVE-STOCK.
69. VEHICLES (animal and hand-drawn): and all accessories, outfits, and parts.
70. AGRICULTURAL-IMPLEMENTS: and all accessories, outfits, and parts.
71. BADGES; INSIGNIA; MEDALS, etc.
72. BOOTS; SHOES: Leather and rubber-clothing.
73. CAPS; HATS: Gloves; men's and women's-furnishings.
74. INDIVIDUAL-EQUIPMENT (field and landing-force).
75. ENGINES (boat, Diesel): and all accessories, outfits, and parts.
76. Reserved.
77. Reserved.
78. Reserved.
79. Reserved.
80. AIRPLANES; COMPLETE (without engines).
81. MAJOR-STRUCTURAL-SPARES-AND ASSEMBLIES; AIRPLANE.
82. MINOR-STRUCTURAL-SPARES-AND-PARTS; AIRPLANE.
83. ACCESSORIES-AND-EQUIPMENT and parts thereof; airplane and special-airplane tools.
84. ENGINES; AIRPLANE (with or without accessories).
85. PARTS, ENGINE; AIRPLANE (and special airplane engine tools).
86. ACCESSORIES AND PARTS; ENGINE, AIRPLANE.
87. PROPELLERS; AIRPLANE (including hubs, control-units, accessory control equipment and parts).
88. INSTRUMENTS, AERONAUTICAL (and parts thereof).
89. ARRESTING-LAUNCHING AND HANDLING-GEAR, AERONAUTICAL (and parts thereof).
90. AIRSHIPS, LIGHTER-THAN-AIR (and parts strictly peculiar thereto).

**JJ7 FUEL.**

<b>JJ7-1</b>	<b>Coal.</b>	<b>JJ7-8</b>	<b>Charcoal.</b>
<b>JJ7-2</b>	<b>Coke.</b>	<b>JJ7-9</b>	<b>Refineries, oil.</b>
<b>JJ7-3</b>	<b>Fuel oil.</b>	<b>JJ7-10</b>	<b>Shale oil.</b>
<b>JJ7-4</b>	<b>Diesel oil.</b>	<b>JJ7-11</b>	<b>Petroleum.</b>
<b>JJ7-5</b>	<b>Kerosene.</b>	<b>JJ7-12</b>	<b>Crude oil.</b>
<b>JJ7-6</b>	<b>Gasoline.</b>	<b>JJ7-13</b>	<b>Gas, natural and others.</b>
<b>JJ7-7</b>	<b>Alcohol (fuel).</b>		

**JJ40 MACHINE TOOLS, GENERAL.**

(See S91 for ship tools.)  
 (See N34 for tools used for shore-station maintenance and improvements.)  
 Tools for specific shops to be filed under shop file number.

**JJ41 HAND TOOLS.**

(See S92 and N34 for ship and shore-station hand tools)

**JJ46 METALS (BY COMPOSITION).**

JJ46-1 Iron and steel.  
 JJ46-2 Copper.  
 JJ46-3 Tin.  
 JJ46-4 Zinc.  
 JJ46-5 Lead.  
 JJ46-6 Aluminum and light alloys (aluminum, duralumin magnesium).  
 JJ46-7 Antifriction metals, (babbitt metals, etc.).  
 JJ46-8 Brasses and bronzes.  
 JJ46-9 Nickel.  
 JJ46-10 Nickel alloys (Monel metal, etc.).  
 JJ46-11 Radium.  
 JJ46-13 Bullion, precious metal.  
 JJ46-14 Gold.  
 JJ46-15 Silver.  
 JJ46-16 Platinum.

**JJ52 PAINTS AND VARNISHES.**

JJ52-1 Paints, general.  
 JJ52-2 Paints, Government manufacture.  
 JJ52-3 Paints, proprietary.  
 JJ52-4 Paint ingredients.  
 JJ52-5 Varnishes and shellacs.  
 JJ52-6 Paint and varnish removers.  
 JJ52-7 Fillers.

**JJ55 CLOTHING, UNIFORMS, OUTFITS, AND SMALL STORES.**

JJ55-1 Clothing  
     Aviation clothing  
     Civilian clothing for discharged prisoners  
     Flash-proof clothing  
     Protection clothing (See P2-3 and S77-2.)  
     Submarine clothing.  
     Winter clothing.  
 JJ55-2 Outfits on first enlistment.  
 JJ55-3 Uniforms.  
     Insignia on uniforms.  
     Unauthorized wearing of uniforms.  
 JJ55-4 Small stores.

**JJ56 PROVISIONS, GENERAL MESS, AND COMMISSARY STORES.**

JJ56-1 Provisions.  
 JJ56-2 General mess.  
 JJ56-3 Commissary stores.

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**JJ56 PROVISIONS, GENERAL MESS, ETC.—Continued.**

- JJ56-4 Tobacco.**  
 Cigarettes.  
 Cigars.  
 Smoking.  
 Chewing.
- JJ56-5 Beverages, alcoholic and nonalcoholic.**  
 For rations and subsistence, see L16-8.

**JJ59 BUILDING MATERIALS, SHORE.**

- JJ59-1 Soda lime.**  
**JJ59-2 Terra cotta.**  
**JJ59-3 Cement.**  
**JJ59-4 Bricks.**  
**JJ59-5 Granite, stone, marble, etc.**  
**JJ59-6 Sand and gravel.**  
**JJ59-7 Waterproofing material.**  
**JJ59-8 Wall board and plaster substitutes.**  
**JJ59-9 Blasting materials, dynamite, nitroglycerine, etc.**

**JK GARBAGE.****JL APPROPRIATION PURCHASE ACCOUNT MATERIAL.****JM USED MATERIAL.****JN RESERVE MATERIAL (NAVY).****JO NAVAL SUPPLY ACCOUNT MATERIAL.****JP RESERVE MATERIAL (OTHER THAN NAVY).****JR REFUSE MATERIALS.**

<b>JR1</b>	<b>Ashes.</b>		<b>JR2</b>	<b>Wood.</b>
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**JS SCRAP METALS.**

<b>JS1</b>	<b>Iron.</b>		<b>JS3</b>	<b>Copper.</b>
<b>JS2</b>	<b>Brass.</b>			

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**KA FLEET MARINE FORCES (MARINE DETACHMENTS).**

KA1	Quantico, Va.	KA6	First base depot.
KA2	San Diego, Calif.	KA7	Second base depot.
KA3	First marine division.	KA8	Artillery group.
KA4	Second marine division.	KA9	Third defense battalion.
KA5	Second artillery group.		

**KB BANDS (MARINE DETACHMENTS).**

KB1	Washington.	KB3	Regimental.
KB2	Post.		

**KC COMPANY (MARINE DETACHMENTS).**

KC1	Company.
KC2	Second (continue by adding the number of company).

**KD MARINE DETAIL ON VESSELS.**

(Combine with appropriate name, title, and file numbers of ship in question)

**KE BATTALION (MARINE DETACHMENTS).****KF BRIGADE (MARINE DETACHMENTS).**

KF1	First.	KF4	Fourth.
KF2	Second.	KF5	Fifth.
KF3	Third.		

**KG REGIMENT (MARINE DETACHMENTS).**

KG1	First.	KG9	Ninth.
KG2	Second.	KG10	Tenth.
KG3	Third.	KG11	Eleventh.
KG4	Fourth.	KG12	Twelfth.
KG5	Fifth.	KG13	Thirteenth.
KG6	Sixth.	KG14	Fourteenth.
KG7	Seventh.	KG15	Fifteenth.
KG8	Eighth.		

**KH POST EXCHANGES, MARINE CORPS.**

KH1	Newport, R. I.	KH7	San Diego, Calif.
KH2	Quantico, Va.	KH8	Lakehurst, N. J.
KH3	Mare Island, Calif.	KH9	Portsmouth, N. H.
KH4	Washington, D. C.	KH10	New Orleans, La.
KH5	Guam.	KH11	Hawthorne, Nev.
KH6	Pearl Harbor, T. H.		

**KK MARINE CORPS.****KL TRANSPORT (MARINE DETACHMENTS).**

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**KM UNATTACHED (MARINE DETACHMENTS).****KP POST AND STATION (MARINE DETACHMENTS).**

**KP1** Alexandria, Va.  
**KP2** Annapolis, Md.  
**KP3** Boston, Mass.  
**KP4** Receiving ship.  
**KP5** Camaguey, Cuba.  
**KP6** Headquarters detachment.  
**KP7** Cavite, P. I.  
**KP8** Charleston, S. C.  
**KP9** Chelsea, Mass.  
**KP10** Coco Solo, C. Z.  
**KP11** Dover, N. J.  
**KP12** Fort Lafayette, N. Y.  
**KP13** Fort Lyon, Calif.  
**KP14** Fort Mifflin, Pa.  
**KP15** Great Lakes, Ill.  
**KP16** Guam, Marianas Islands  
**KP17** Headquarters detachment.  
**KP18** Guantanamo Bay, Cuba.  
**KP19** Norfolk (Hampton Roads), Va.  
**KP20** Hingham, Mass.  
**KP21** Indianhead, Md.  
**KP22** Iona Island, N. Y.  
**KP23** Keyport, Wash.  
**KP24** Key West, Fla.  
**KP25** Managua, Nicaragua.  
**KP26** Mare Island, Calif.  
**KP27** Ammunition depot.  
**KP28** Casual company.  
**KP29** Guard company, No. 1.  
**KP30** Guard company, No. 2.  
**KP31** Headquarters detachment.  
**KP32** Naval prison.  
**KP33** Naval prison detachment.  
**KP34** Recruit company A.  
**KP35** Recruit company B.  
**KP36** Recruit company C.  
**KP37** Recruit company D.  
**KP38** Recruit receiving depot.  
**KP39** Rifle-range detachment.  
**KP40** Sea school detachment.  
**KP41** New London, Conn.  
**KP42** New Orleans, La.  
**KP43** Newport, R. I.  
**KP44** Naval War College.  
**KP45** New York (Brooklyn), N. Y.  
**KP46** Barracks detachment.  
**KP47** Fleet supply base.  
**KP48** Guard detachment.  
**KP49** Naval hospital.  
**KP50** Naval prison.  
**KP51** Receiving ship.  
**KP52** Norfolk, Va.  
**KP53** Barracks detachment.  
**KP54** Guard detachment.  
**KP55** Naval hospital.  
**KP56** Seagoing detachment.

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## KP POST AND STATION (MARINE DETACHMENTS)—Con.

**KP57**      **Olongapo, P. I.**  
**KP58**      **Otter Cliffs, Maine.**  
**KP59**      **Parris Island, S. C.**  
**KP60**      Battalion A (recruit).  
**KP61**      Battalion B (recruit).  
**KP62**      Battalion C (recruit).  
**KP63**      Battalion D (recruit).  
**KP64**      Field music detachment.  
**KP65**      Headquarters detachment.  
**KP66**      Headquarters detachment (main station).  
**KP67**      Headquarters detachment (receiving depot).  
**KP68**      Headquarters detachment (training station).  
**KP69**      Mess detachment (main station).  
**KP70**      Naval prison.  
**KP71**      Naval prison detachment.  
**KP72**      Post staff.  
**KP73**      Rifle range detachment.  
**KP74**      School detachment.  
**KP75**      Supply Company.  
**KP76**      **Pearl Harbor, T. H.**  
**KP77**      **Peiping, China.**  
**KP78**      Headquarters detachment.  
**KP79**      **Pensacola, Fla.**  
**KP80**      **Philadelphia, Pa.**  
**KP81**      Guard company No. 1.  
**KP82**      Guard company No. 2.  
**KP83**      Headquarters detachment.  
**KP84**      Receiving station.  
**KP85**      **Point Isabel, Tex.**  
**KP86**      **Portsmouth, N. H.**  
**KP87**      Barracks detachment.  
**KP88**      Guard company.  
**KP89**      Naval prison.  
**KP90**      **Puget Sound (Bremerton), Wash.**  
**KP91**      Ammunition depot.  
**KP92**      Barracks detachment.  
**KP93**      Guard company.  
**KP94**      **Quantico, Va.**  
**KP95**      Barracks detachment.  
**KP96**      Rifle-range detachment.  
**KP97**      School detachment.  
**KP98**      Supply detachment.  
**KP99**      **Radio, Va.**  
**KP100**      **Rockaway Beach, Long Island.**  
**KP101**      **Russian Island, Siberia.**  
**KP102**      **San Diego, Calif.**  
**KP103**      Air station.  
**KP104**      Barracks detachment.  
**KP105**      Destroyer base.  
**KP106**      Naval repair base.  
**KP107**      **San Juan, P. R.**  
**KP108**      **Sayville (Long Island), N. Y.**  
**KP109**      **South Charleston, W. Va.**  
**KP110**      **St. Croix, V. I.**  
**KP111**      **St. Julians Creek, Va.**  
**KP112**      **St. Thomas, V. I.**  
**KP113**      Barracks detachment.  
**KP114**      **Tutuila, Samoa.**

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**KP POST AND STATION (MARINE DETACHMENTS)—Con.**

KP115	Wakefield, Mass.
KP116	Washington, D. C.
KP117	Barracks detachment.
KP118	Institute detachment.
KP119	Naval hospital.
KP120	Navy yard.
KP121	Yorktown, Va.
KP122	Port au Prince, Haiti.
KP123	Cape Haitien, Haiti.
KP124	Lakehurst, N. J.
KP125	Rapidan, Va., marine camp.
KP126	Hawthorne, Nev., marine guard.
KP127	Oahu, T. H., ammunition depot.
KP128	Balboa, C. Z., ammunition depot.
KP129	Dahlgren, Va., ammunition depot.
KP130	Tientsin, China, ammunition depot.
KP131	Moscow, U. S. S. R., ammunition depot.
KP132	Sunnyvale, Calif., ammunition depot.
KP133	Sitka, Alaska.
KP134	Dutch Harbor, Alaska.
KP135	Argentia, Newfoundland.
KP136	Jacksonville, N. C. (New River), marine training center.
KP137	Warm Springs, Ga., Camp Roosevelt.
KP138	Portland Bight, Jamaica, British West Indies.
KP139	Jacksonville, Fla., marine barracks, naval air station.
KP140	Burns City, Ind., marine barracks, naval ammunition depot.
KP141	Quonset Point, R. I., marine barracks, naval air station.
KP142	Dunedin, Fla., amphibian tractor detachment, United States Marine Corp.
KP143	Bermuda, marine barracks, United States naval operating base.
KP144	Camp Elliott, Calif., marine barracks.
KP145	Port of Spain, Trinidad, B. W. I., marine detachment.
KP146	London, England, American Embassy, marine detachment.
KP147	British Guiana, marine detachment.
KP148	Corpus Christi, Tex., marine barracks.
KP149	Lakehurst, N. J., marine barracks.
KP150	Fallbrook (San Diego), Calif., marine barracks.
KP151	Alameda, Calif., marine barracks.
KP152	Antigua, Leeward Islands, marine detachment.
KP153	St. Lucia, Windward Islands, marine detachment.

**KR RECRUITING (MARINE CORPS).**

KR1	Central Division.
KR2	Eastern Division.
KR3	Mountain Division.
KR4	Publicity Bureau.
KR5	Southern Division.
KR6	Western Division.
KR7	Philadelphia, Pa., recruiting bureau.
KR8	Recruiting stations (name of city to follow).

**KS STAFF OFFICE AND UNIT (MARINE CORPS).**

KS1	Adjutant and inspector.
KS2	San Francisco, Calif., assistant adjutant and inspector.

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**KS STAFF OFFICE AND UNIT (MARINE CORPS)—Continued.**

**KS3** Department of Pacific.  
**KS4** Major General Commandant, Marine Corps Headquarters.  
**KS5** Paymaster, disbursing officers, general.  
**KS6** Atlanta, Ga., assistant paymaster.  
**KS7** Philadelphia, Pa., assistant paymaster.  
**KS8** San Francisco, Calif., assistant paymaster.  
**KS9** Quartermaster.  
**KS10** Norfolk (Hampton Roads), Va., quartermaster assistant.  
**KS11** San Francisco, Calif., assistant quartermaster.

**KT RESERVE (MARINE DETACHMENTS).**

**KT1** Central Division.  
**KT2** Eastern Division.  
**KT3** Mountain Division.  
**KT4** Southern Division.  
**KT5** Western Division.

**KU SPECIAL UNITS (MARINE DETACHMENTS).****KV AVIATION (MARINE DETACHMENTS).**

**KV1** Quantico, Va., aircraft squadron, east coast expeditionary forces.  
**KV1-1** Base air detachments.  
**KV2** Port au Prince, Haiti, Observation Squadron 9N, First Brigade.  
**KV3** Suma, Guam, Patrol Squadron 3M.  
**KV4** San Diego, Calif., aircraft squadron west coast expeditionary forces, naval air station.  
**KV4-1** Base air detachments.  
**KV5** Managua, Nicaragua, Second Brigade.  
**KV6** St. Thomas, V. I., landing field.  
**KV7** Parris Island Flying Field.  
**KV8** Guantanamo Bay, Cuba.  
**KV9** New River, N. C. (adjunct to marine training center, Jacksonville, N. C.). (Cunningham Field, Cherry Point, N. C.).  
**KV10** First marine aircraft wing.  
**KV11** Group 11.  
**KV12** Group 12.  
**KV13** Group 13.  
**KV14** Group 14.  
**KV15** Group 15.  
**KV20** Second marine aircraft wing.  
**KV21** Group 21.  
**KV22** Group 22.  
**KV23** Group 23.  
**KV24** Group 24.  
**KV25** Group 25.  
**KV30** Marine defense aircraft groups.  
**KV31** Group 31.  
**KV32** Group 32.  
**KV33** Group 33.  
**KV34** Group 34.

**KW MARINE CORPS RESERVES.**

**KW1** Fleet.  
**KW2** Aviation.

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**LA LABORER, HELPER, AND MECHANICAL SERVICE**  
(ARTISANS, ETC.).

**LB PLANNING AND ESTIMATING SERVICE.**

**LC SUPERVISORY MECHANICAL SERVICE.**

**LD ASSISTANT SUPERINTENDENT SERVICE.**

**LE UNITED STATES MARITIME COMMISSION.**

**LE1 U. S. Maritime Service Training Stations.**

**LE1-1** Gallups Island, Boston, Mass.

**LE1-2** Fort Trumbull, New London, Conn.

**LE1-3** Hoffman Island, N. Y.

**LE1-4** St. Petersburg, Fla.

**LE1-5** Hueneme, Calif.

**LE1-6** Alameda, Calif.

**LE2 U. S. Maritime Commission, Division of Training.**

**LE3 U. S. Maritime Commission Cadet Schools.**

**LE3-1** Fort Schuyler, N. Y.

**LE3-2** Algiers, New Orleans, La.

**LE3-3** San Francisco (Treasure Island) (formerly Tiburon), Calif.

**LF MISCELLANEOUS SERVICE.**

**LG CLOTHING WORKERS' SERVICE.**

**LH HOSPITAL SERVICE.**

**LJ NAVAL HOME SERVICE.**

**LK NAVAL ACADEMY SERVICE.**

**LL CIVIL PERSONNEL.**

**LL1 Departmental.**

**LL2 Field.**

Investigations of various files show little or no use being made of individual trade numbers. As keeping these individual trade numbers up to date is impractical, they are omitted. If any file needs further subdivisions of the civil-personnel groups than are given in the manual, add name of trade (LA/bolter, LO/clerk) or combine the personnel symbol desired with the name of the individual.

**LM BOARD OF SURVEY, APPRAISAL, AND SALE-SERVICE.**

**LN HYDROGRAPHIC SERVICE.**

**LO ADMINISTRATIVE AND CLERICAL SERVICE.**

**LP COST ACCOUNTING SERVICE.**

**LQ DRAFTING SERVICE.**

**LR INSPECTION SERVICE.**

**LS SCIENTIFIC, PROFESSIONAL, AND TECHNICAL SERVICES.**

**LV VETERANS—EX-SERVICE MEN.**

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**MA ARTIFICER BRANCH.**

MA1	Chief electrician's mate.
MA2	Electrician's mate, first class.
MA3	Electrician's mate, second class.
MA4	Electrician's mate, third class.
MA5	Chief radioman.
MA6	Radioman, first class.
MA7	Radioman, second class.
MA8	Radioman, third class.
MA9	Chief carpenter's mate.
MA10	Carpenter's mate, first class.
MA11	Carpenter's mate, second class.
MA12	Carpenter's mate, third class.
MA13	Patternmaker, first class.
MA14	Patternmaker, second class.
MA15	Chief shipfitter.
MA16	Shipfitter, first class.
MA17	Shipfitter, second class.
MA18	Shipfitter, third class.
MA19	Sailmaker's mate, first class.
MA20	Sailmaker's mate, second class.
MA21	Sailmaker's mate, third class.
MA22	Chief printer.
MA23	Printer, first class.
MA24	Printer, second class.
MA25	Printer, third class.
MA26	Painter, first class.
MA27	Painter, second class.
MA28	Painter, third class.
MA29	Chief telegraphist.
MA30	Telegraphist, first class.
MA31	Telegraphist, second class.
MA32	Telegraphist, third class.

**MB MESSMAN BRANCH.**

MB1	Officer's steward, first class.
MB2	Officers' steward, second class.
MB3	Officers' steward, third class.
MB4	Officers' cook, first class.
MB5	Officers' cook, second class.
MB6	Officer's cook, third class.
MB7	Mess attendant, first class.
MB8	Mess attendant, second class.
MB9	Mess attendant, third class.

**MC COMMISSARY BRANCH.**

MC1	Chief commissary steward.
MC2	Commissary steward.
MC3	Ship's cook, first class.
MC4	Ship's cook, second class.
MC5	Ship's cook, third class.
MC6	Baker, first class.
MC7	Baker, second class.
MC8	Baker, third class.

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**ME ARTIFICER BRANCH—ENGINE-ROOM FORCES.**

<b>ME1</b>	<b>Chief machinist's mate.</b>
<b>ME2</b>	<b>Machinist's mate, first class.</b>
<b>ME3</b>	<b>Machinist's mate, second class.</b>
<b>ME3-1</b>	Machinist's mate, third class.
<b>ME4</b>	<b>Chief motor machinist's mate.</b>
<b>ME5</b>	<b>Motor machinist's mate, first class.</b>
<b>ME6</b>	<b>Motor machinist's mate, second class.</b>
<b>ME6-1</b>	Motor machinist's mate, third class.
<b>ME7</b>	<b>Engineman, first class.</b>
<b>ME8</b>	<b>Engineman, second class.</b>
<b>ME9</b>	<b>Chief water tender.</b>
<b>ME10</b>	<b>Water tender, first class.</b>
<b>ME11</b>	<b>Water tender, second class.</b>
<b>ME12</b>	<b>Boilermaker, first class.</b>
<b>ME13</b>	<b>Boilermaker, second class.</b>
<b>ME13-1</b>	Boilermaker, third class.
<b>ME14</b>	<b>Molder, first class.</b>
<b>ME15</b>	<b>Molder, second class.</b>
<b>ME15-1</b>	Molder, third class.
<b>ME16</b>	<b>Blacksmith, first class.</b>
<b>ME17</b>	<b>Blacksmith, second class.</b>
<b>ME17-1</b>	Blacksmith, third class.
<b>ME18</b>	<b>Coppersmith, first class.</b>
<b>ME19</b>	<b>Coppersmith, second class.</b>
<b>ME19-1</b>	Coppersmith, third class.
<b>ME20</b>	<b>Fireman, first class.</b>
<b>ME21</b>	<b>Fireman, second class.</b>
<b>ME22</b>	<b>Fireman, third class.</b>
<b>ME23</b>	<b>Metalsmith, chief.</b>

**MF RESERVE FORCES.**

Combine with branch and rate title numbers as necessary. A number will be added for each class of reserve force.

**MI INSULAR FORCES.****ML MARINE CORPS ENLISTED PERSONNEL.**

<b>ML1</b>	<b>Sergeant major.</b>
<b>ML2</b>	<b>Quartermaster sergeant.</b>
<b>ML3</b>	<b>First sergeant.</b>
<b>ML4</b>	<b>Gunnery sergeant.</b>
<b>ML5</b>	<b>Drum major.</b>
<b>ML6</b>	<b>Sergeant.</b>
<b>ML7</b>	<b>Corporal.</b>
<b>ML8</b>	<b>Private, first class.</b>
<b>ML9</b>	<b>Drummer.</b>
<b>ML10</b>	<b>Trumpeter.</b>
<b>ML11</b>	<b>Private.</b>
<b>ML12</b>	<b>Apprentice.</b>
<b>ML13</b>	<b>Leader of the band.</b>
<b>ML14</b>	<b>Second leader of the band.</b>
<b>ML15</b>	<b>Principal musician.</b>
<b>ML16</b>	<b>First-class musician.</b>
<b>ML17</b>	<b>Second-class musician.</b>
<b>ML18</b>	<b>Third-class musician.</b>
<b>ML19</b>	<b>Specialists.</b>

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**MM ENLISTED PERSONNEL.**

The name, title, file number for correspondence on an enlisted man shall be the letters "MM" followed by the name and service number of the man in question. His service number may be obtained from his service record. The use of the "MM" to designate enlisted personnel is optional.

**MR RETIRED ENLISTED PERSONNEL.**

Combined with branch and rate title numbers as necessary.

**MS SEAMAN BRANCH.**

MS1	Chief master at arms.
MS2	Master at arms, first class.
MS3	Chief boatswain's mate.
MS4	Boatswain's mate, first class.
MS5	Boatswain's mate, second class.
MS6	Coxswain.
MS7	Chief gunner's mate.
MS8	Gunner's mate, first class.
MS9	Gunner's mate, second class.
MS10	Gunner's mate, third class.
MS11	Chief torpedoman.
MS12	Torpedoman, first class.
MS13	Torpedoman, second class.
MS14	Torpedoman, third class.
MS15	Chief turret captain.
MS16	Turret captain, first class.
MS17	Chief quartermaster.
MS18	Quartermaster, first class.
MS19	Quartermaster, second class.
MS20	Quartermaster, third class.
MS21	Chief signalman.
MS22	Signalman, first class.
MS23	Signalman, second class.
MS24	Signalman, third class.
MS25	Chief fire controlman.
MS26	Fire controlman, first class.
MS27	Fire controlman, second class.
MS27-1	Fire controlman, third class.
MS28	Seaman, first class.
MS29	Seaman, second class.
MS30	Apprentice seaman.

**MV AVIATION BRANCH.**

MV1	Aviation pilots.
MV2	Aviation chief machinist's mate.
MV3	Aviation machinist's mate, first class.
MV4	Aviation machinist's mate, second class.
MV4-1	Aviation machinist's mate, third class.
MV5	Aviation chief metalsmith.
MV6	Aviation metalsmith, first class.
MV7	Aviation metalsmith, second class.
MV8	Aviation metalsmith, third class.
MV9	Aviation chief carpenter's mate.
MV10	Aviation carpenter's mate, first class.
MV11	Aviation carpenter's mate, second class.

**MV AVIATION BRANCH—Continued.**

MV12 Aviation carpenter's mate, third class.  
 MV13 Aviation chief rigger.  
 MV14 Aviation rigger, first class.  
 MV15 Aviation rigger, second class.  
 MV16 Aviation rigger, third class.  
 MV17 Chief aerographers.  
 MV18 Aerographer, first class.  
 MV19 Aerographer, second class.  
 MV20 Aerographer, third class.  
 MV21 Aviation chief ordnance man.  
 MV22 Aviation ordnance man, first class.  
 MV23 Aviation ordnance man, second class.  
 MV24 Aviation ordnance man, third class.  
 MV25 Chief photographer.  
 MV26 Photographer, first class.  
 MV27 Photographer, second class.  
 MV28 Photographer, third class.

**MX NAVY MAIL CLERKS.****MY SPECIAL BRANCH.**

MY1 Chief yeoman.  
 MY2 Yeoman, first class.  
 MY3 Yeoman, second class.  
 MY4 Yeoman, third class.  
 MY5 Chief storekeeper.  
 MY6 Storekeeper, first class.  
 MY7 Storekeeper, second class.  
 MY8 Storekeeper, third class.  
 MY13 Chief pharmacist's mate.  
 MY14 Pharmacist's mate, first class.  
 MY15 Pharmacist's mate, second class.  
 MY16 Pharmacist's mate, third class.  
 MY17 Hospital apprentice, first class.  
 MY18 Hospital apprentice, second class.  
 MY19 Bugler, first class.  
 MY20 Bugler, second class.  
 MY21 Bandmaster.  
 MY22 First musician.  
 MY23 Musician, first class.  
 MY24 Musician, second class.  
 MY25 Leader, United States Navy Band.  
 MY26 Leader, second, United States Navy Band.  
 MY27 Divers.  
 MY28 Buglemaster, chief, first and second classes.  
 MY29 Dental technicians.  
 MY30 Yeomanettes.

**MZ NAVAL AUXILIARY MEN.**

(This applies only to the old collier service)

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## NA NAVAL AIR STATIONS.

NA1 Chatham, Mass.  
 NA2 Newport, R. I., aviation detail.  
 NA3 Rockaway, Long Island, N. Y.  
 NA4 Lakehurst, N. J.  
 NA5 Cape May, N. J.  
 NA6 Anacostia, D. C.  
 NA7 Dahlgren, Va., aviation detail.  
 NA8 Norfolk, Va.  
 NA9 Pensacola, Fla. (Corry Field).  
 NA9-1 Felton Farm, Fla.  
 NA10 Coco Solo, C. Z.  
 NA11 San Diego, Calif. (North Island).  
 NA12 Pearl Harbor, T. H.  
 NA13 Seattle, Wash.  
 NA14 Sunnyvale, Calif.  
 NA15 Naval reserve aviation bases (general).  
 NA16 Long Beach, Calif., naval reserve aviation base.  
 NA17 Squantum, Mass., naval reserve aviation base.  
 NA18 Glenview, Chicago, Ill., naval reserve aviation base.  
 NA19 Grosse Ile, Detroit, Mich., naval reserve aviation base.  
 NA20 Minneapolis, Minn., naval reserve aviation base.  
 NA21 Oakland, Calif., naval reserve aviation base.  
 NA22 Robertson, St. Louis, Mo., naval reserve aviation base.  
 NA23 Miami, Fla., naval reserve aviation base.  
 NA24 Floyd Bennett Field, Brooklyn, N. Y., naval reserve aviation base.  
 NA25 Kansas City, Mo., naval reserve aviation base.  
 NA26 San Pedro, Calif. (Roosevelt Base, Terminal Island).  
 NA27 Alameda, Calif.  
 NA28 Tongue Point, Astoria, Oreg.  
 NA29 Jacksonville, Fla.  
 NA29-1 Cecil Field, Jacksonville, Fla., naval auxiliary base field.  
 NA30 Miami, Fla.  
 NA32 Sitka, Alaska.  
 NA33 Annapolis, Md., aviation detail.  
 NA34 Kodiak Island, Alaska.  
 NA35 Philadelphia, Pa., training base, naval aircraft factory.  
 NA36 San Juan, P. R.  
 NA37 Kaneohe Bay, T. H.  
 NA38 Midway Island.  
 NA39 Wake Island.  
 NA40 Johnston Island.  
 NA41 Palmyra Island.  
 NA42 Guam.  
 NA43 Quonset Point, R. I.  
 NA44 Anacostia, D. C., naval reserve aviation base.  
 NA45 Seattle, Wash., naval reserve aviation base.  
 NA46 Philadelphia, Pa., navy yard, naval reserve aviation base.  
 NA47 Corpus Christi, Tex.  
 NA48 Key West, Fla.  
 NA49 East Greenwich, R. I.  
 NA50 Dutch Harbor, Alaska (Unalaska).

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## NA NAVAL AIR STATIONS—Continued.

NA51 Vieques, P. R.  
 NA52 Charleston, S. C.  
 NA53  
 NA54 Maui, T. H.  
 NA55 Molokai, T. H.  
 NA56 Guantanamo, Cuba.  
 NA57 New Orleans, La., naval reserve aviation base.  
 NA58 Whidbey Island, Wash.  
 NA59 Cocoa and Banana River, Fla.  
 NA60 Atlanta, Georgia, naval reserve aviation base.  
 NA61 Dallas, Tex., naval reserve aviation base.  
 NA62  
 NA63 Tutuila, Samoa.  
 NA64 Eureka, Calif.  
 NA65 Bermuda.  
 NA66 St. Lucia, Windward Islands.  
 NA67 Squantum, Mass.  
 NA68 New York, N. Y.  
 NA69 Argentia, Newfoundland.  
 NA70 Barber's Point, Oahu, T. H.  
 NA71 Portland Bight, Jamaica.  
 NA72 Great Exemino Island, Bahama Islands.  
 NA73 Antigua, Leeward Islands.  
 NA74 Trinidad, British West Indies.  
 NA75 Georgetown, British Guiana.  
 NA76 Sangley Point, Cavite, P. I.  
 NA77  
 NA78  
 NA79  
 NA80 South Weymouth, Mass.  
 NA81 Elizabeth City, N. C.

## NB NAVAL BASES.

NB1 San Diego, Calif., naval operating base.  
 NB2 Norfolk (Hampton Roads), Va., naval operating base.  
 NB3  
 NB4 Balboa, C. Z., naval operating base.  
 NB5 Key West, Fla., naval operating base.  
 NB6 Squantum, Mass., naval operating base.  
 NB7 New London, Conn., submarine base.  
 NB8 Norfolk (Hampton Roads), Va., submarine base.  
 NB9 Key West, Fla., submarine base.  
 NB10 Astoria, Oreg., submarine and destroyer base.  
 NB11 San Pedro, Calif., submarine base.  
 NB12 San Diego, Calif., destroyer base.  
 NB13 Coco Solo, C. Z., submarine base.  
 NB14 Pearl Harbor, T. H., submarine base.  
 NB15 Cavite, P. I., submarine base.  
 NB16 San Francisco, Calif., naval operating base (including  
     naval reserve base).  
 NB17 New Orleans, La., naval operating base.  
 NB18 San Clemente, Calif., U. S. Fleet training base.  
 NB19 Point Loma, Calif., naval target repair base.  
 NB20 La Playa, Calif., naval target repair base.  
 NB21 St. Thomas, Virgin Islands, submarine base.  
 NB22 Tompkinsville, Staten Island, section base.  
 NB23 New London, Conn., section base.

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## NB NAVAL BASES—Continued.

NB24 Charleston, S. C., section base.  
 NB25 Long Beach, Calif., fleet base.  
 NB26 Vieques, P. R., naval operating base.  
 NB27 San Juan, P. R., section base.  
 NB28 Bermuda, naval operating base.  
 NB29 San Diego, Calif., section base.  
 NB30 San Pedro, Calif., section base.  
 NB31 Newport, R. I., naval operating base.  
 NB32 Argentia, New Foundland, naval operating base.  
 NB33 Trinidad, British West Indies, naval operating base  
 NB34 Little Creek, Va., section base.  
 NB35 Eureka, Calif., section base.  
 NB36 San Francisco, Calif., section base (Treasure Island).  
 NB37 Guantanamo Bay, Cuba, naval operating base.  
 NB38 Sabine Pass, Tex., section base.  
 NB39 Cape May, N. J., section base.  
 NB40 Burrwood, La., section base.  
 NB41 Lockwood Basin, Boston, Mass., section base.  
 NB42 Cristobal, C. Z., section base.  
 NB43 Corpus Christi, Tex., section base.  
 NB44 Bar Harbor, Maine, section base.  
 NB45 Portland Maine, section base.  
 NB46 Kingston, Jamaica, naval operating base.  
 NB47 Jacksonville, Fla., section base.  
 NB48 Midway Island, submarine base.  
 NB49 Terminal Island, Calif., Roosevelt base.  
 NB50 Astoria, Oreg., section base.  
 NB51 Newport, R. I., section base.  
 NB52 Seattle, Wash., section base.  
 NB53 Guantanamo Bay, Cuba, section base.  
 NB54 Morro Bay, Calif., section base.  
 NB55 Port Angeles, Wash., section base.  
 NB56 Coos Bay, Oreg., section base.  
 NB57 Kodiak, Alaska, section base.  
 NB58 Dutch Harbor, Alaska, section base.  
 NB59 Sitka, Alaska, section base.  
 NB60 Port Townsend, Wash., section base.  
 NB61 Bishop Point, Oahu, section base.  
 NB62 Balboa, C. Z., section base.  
 NB63 Mariveles, P. I., section base.  
 NB64 Ordnance Island, Bermuda, submarine base.  
 NB65 Kodiak, Alaska, submarine base.  
 NB66 San Pedro, Calif., naval operating base.  
 NB67 Neah Bay, Wash., section base.  
 NB68 Oakland, Calif., advance base depot.  
 NB69 Balboa, C. Z., advance base depot.  
 NB70 Charleston, S. C., advance base depot.  
 NB71 Key West, Fla., section base.  
 NB72 Mobile, Ala., section base.  
 NB73 Roosevelt Roads, P. R., section base.  
 NB74 Monterey, Calif., section base.  
 NB75 Port Althrop, Alaska, section base.  
 NB76 Port Armstrong, Alaska, section base.  
 NB77 Juneau, Alaska, section base.  
 NB78 Cordova, Alaska, section base.  
 NB79 Sand Point, Alaska, section base.  
 NB80 False Pass, Alaska, section base.  
 NB81 Ketchikan, Alaska, section base.

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**NB NAVAL BASES—Continued.**

NB82	Rockland, Maine, section base.
NB83	Woods Hole, Mass., section base.
NB84	Lake Montauk Harbor, Long Island, N. Y., section base.
NB85	Morehead City, N. C., section base.
NB86	Southport, N. C., section base.
NB87	Savannah, Ga., section base.
NB88	Mayport, Fla., section base.
NB89	Port Everglades (Port Lauderdale), Fla., section base.
NB90	Galveston, Tex., section base.
NB91	St. Thomas, V. I., section base.
NB92	Trinidad, British West Indies, section base.
NB93	Santa Barbara, Calif., section base.
NB94	Seward, Alaska, section base.
NB95	Unalaska, Alaska, submarine base.
NB96	St. Helena, Va., repair base.
NB97	Wake Island, submarine base.
NB98	Argentia, Newfoundland, section base.

**NC NAVAL SCHOOLS.**

NC1	Colleges, schools, and institutions other than naval.
NC2	Annapolis, Md., United States Naval Academy.
NC2-1	Naval Academy Dairy Farm.
NC2-2	Naval Academy, West coast.
NC3	Newport, R. I., Naval War College.
NC4	Annapolis, Md., postgraduate school.
NC5	Boston Mass., Navy Supply Corps School, graduate school of business administration, Harvard University (formerly, naval finance and supply school, Philadelphia, Pa., and naval supply corps school of application, Washington, D. C.).
NC6	Lakehurst, N. J., aerographers' school.
NC7	Pensacola, Fla., aircraft radio school, naval air station.
NC8	Great Lakes, Ill., aviation mechanics' school, naval training station.
NC9	Norfolk (Hampton Roads), Va., artificers' school.
NC9-1	Blacksmiths' school.
NC9-2	Boilermakers' school.
NC9-3	Coppersmiths' school.
NC10	Newport, R. I., deep-sea diving school, torpedo station.
NC11	Norfolk (Hampton Roads), Va., electrical school, naval training station, naval operating base.
NC12	San Diego, Calif., electrical school, naval training station.
NC13	Washington, D. C. ordnance fire-control school, navy yard.
NC14	San Diego, Calif., fleet torpedo school, naval air station.
NC15	Mare Island, Calif., fuel-oil school, navy yard.
NC16	Philadelphia, Pa., fuel-oil school, navy yard.
NC17	Washington, D. C., gunner's mate school, navy yard.
NC18	San Diego, Calif., hospital corps school.
NC19	Portsmouth, Va., hospital corps school.
NC20	Norfolk (Hampton Roads), Va., machinist's mate school, naval training station, naval operating base.
NC21	New York, motion-picture operators' school, navy yard.
NC22	Norfolk (Hampton Roads), Va., musician's school, naval training station.
NC23	San Diego, Calif., musician's school, naval training station.

## NC NAVAL SCHOOLS—Continued.

- NC24 Norfolk (Hampton Roads), Va., naval academy preparatory school, naval operating base.  
 NC25 San Diego, Calif., naval academy preparatory school, naval training station.  
 NC26 Mare Island, Calif., optical school, navy yard.  
 NC27 Washington, D. C., optical and rangefinder school, navy yard.  
 NC28 Portsmouth, Va., pharmacists' mate school, naval hospital.  
 NC29 Pensacola, Fla., photographic school, naval air station.  
 NC30 Anacostia, D. C., pigeon-training school, naval air station.  
 NC31 Great Lakes, Ill., radio school, naval training station.  
 NC32 Norfolk (Hampton Roads), Va., radio school, naval training station, naval operating base.  
 NC33 San Diego, Calif., radio school, naval training station.  
 NC34 Bellevue, Washington, D. C., radio material school, naval research laboratory.  
 NC35 San Diego, Calif., radio material school, naval training station.  
 NC36 New London, Conn., sound school.  
 NC37 San Diego, Calif., sound school, naval operating base.  
 NC38 New London, Conn., submarine school, submarine base.  
 NC39 Newport, R. I., torpedoman's school, naval torpedo station.  
 NC40 Norfolk (Hampton Roads), Va., stenographers' school.  
 NC41 San Diego, Calif., stenographers' school.  
 NC42 New York, N. Y., gyrocompass school.  
 NC43 Washington, D. C., naval medical school.  
 NC44 Norfolk (Hampton Roads), Va., and San Diego, Calif., cooks and bakers' schools.  
 NC45 San Diego, Calif., recruiters' school.  
 NC46 Norfolk (Hampton Roads), Va., recruiters' school.  
 NC47 Washington, D. C., United States Navy School of Music.  
 NC48 Norfolk (Hampton Roads) Va., and San Diego, Calif., buglers and buglemasters' schools.  
 NC49 Pensacola, Fla., aviation flight training school.  
 NC50 Norfolk, Va., aviation training school.  
 NC51 San Diego, Calif., aviation training school.  
 NC52 Washington, D. C., deep-sea diving school.  
 NC53 Lakehurst, N. J., parachute material school.  
 NC54 Lakehurst, N. J., lighter-than-air school, aviation flight training school.  
 NC55 Annapolis, Md., naval institute.  
 NC56 Edgewood Arsenal, naval unit.  
 NC57 San Diego, Calif., gyrocompass school.  
 NC58 Philadelphia, Pa., aviation instrument school.  
 NC59 Raritan Arsenal, N. J., aircraft instrument school.  
 NC60 Long Island City, N. Y., Ford instrument school.  
 NC61 Cavite, P. I., fleet radio school.  
 NC62 Asiatic station, "Black Hawk", machinist's mate school.  
 NC63 Anacostia station, Washington, D. C., electrical interior communication school, navy yard.  
 NC64 Norfolk (Hampton Roads), Va., aviation ordnance men's school.  
 NC65 Small arms firing school.  
 NC66 Norfolk, Va., mess attendants (Negro).
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## NC NAVAL SCHOOLS—Continued.

- NC67 New London, Conn., Diesel engine school.  
 NC68 Kuahua, T. H., mincraft, mine school.  
 NC69 San Diego, Calif., Diesel school.  
 NC70 Pensacola, Fla., aviation mechanics and metalsmith school.  
 NC71 San Diego, Calif., bomb target school.  
 NC72 Pearl Harbor, T. H., bomb sight aviation school.  
 NC73 Key West, Fla., east coast sound school.  
 NC74 Communications, radio, signal, yeomen, storekeepers, cooks and bakers, naval training schools.  
 NC74-1 Noroton, Conn.  
 NC74-2 Charleston, S. C.  
 NC74-3 Chicago, Ill.  
 NC74-4 Indianapolis, Ind.  
 NC74-5 Los Angeles, Calif.  
 NC74-6 San Francisco, Calif.  
 NC74-7 Port Blakely, Bainbridge Island, Wash.  
 NC74-8 Bowdoin College, Brunswick, Maine. (Obsolete, see NC111-1).  
 NC74-9 Toledo, Ohio, storekeepers and yeomen, naval training schools.  
 NC75 Jacksonville, Fla., radio trade school.  
 NC76 Yorktown, Va., mine warfare school.  
 NC77 Pensacola, Fla., link training school.  
 NC78 Dearborn, Mich., Ford Motor Co., naval service school.  
 NC79 New York, N. Y., hospital corps school.  
 NC80 Norfolk (Hampton Roads), Va., Diesel school, naval operating base.  
 NC81 Jacksonville, Fla., aviation trade school.  
 NC82 Annapolis, Md., Diesel school (EES).  
 NC83 San Diego, Calif., sound school, west coast. (Obsolete, see NC37).  
 NC84 San Diego, Calif., parachute school.  
 NC85 Washington, D. C., inspector's school, Naval Gun Factory.  
 NC86 Washington, D. C., naval dental school, Naval Medical Center (Bethesda, Md.).  
 NC87 Toledo, Ohio, naval reserve signal and storekeepers school. (Obsolete, see NC74-9).  
 NC88 San Diego, Calif., welder school.  
 NC89 San Diego, Calif., aviation ordnance school.  
 NC90 Electrical naval training schools (enlisted men).  
 NC91 Pearl Harbor, T. H., fleet parachute material school.  
 NC92 Dahlgren, Va., bomb sight and S. B. A. E. class C School.  
 NC93 San Diego, Calif., aviation machinist's mate school N. A. S.  
 NC94 San Diego, Calif., aviation radiomen's school, N. A. S.  
 NC95 Pearl Harbor, T. H., fleet torpedo school, submarine base.  
 NC96 Keyport, Wash., fleet torpedo school.  
 NC97 Aviation naval training schools (enlisted men).  
 NC98 Indoctrination naval training schools.  
 NC99 San Diego, Calif., fleet fire control school.  
 NC100 Fighter director schools.  
 NC101 Washington, D. C. mine recovery school, navy yard.  
 NC102 Fleet machine gun school, Puuloa, T. H. (Pearl Harbor).  
 NC103 Clinton, Ontario, Canada, U. S. naval detachment, No. 31, radio school.
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## NC NAVAL SCHOOLS—Continued.

- NC104 Seattle, Wash., aviation ordnancemen's school.  
 NC105 Annapolis, Md., aviation radio school.  
 NC106 Diesel engineering naval training schools (enlisted men).  
 NC107 Aeronautical engineering naval training schools (officers).  
 NC108 Aviation engine naval training schools (officers).  
 NC109 Architecture naval training schools (officers).  
 NC110 Local Defense naval training schools (officers and enlisted men).  
 NC111 Radio engineering naval training schools (officers).  
 NC111-1 Brunswick, Maine, Bowdoin College.  
 NC111-2 Cambridge, Mass., Massachusetts Institute of Technology.  
 NC112 Diesel naval training schools (enlisted men).

## ND NAVAL DISTRICTS.

- ND1 First Naval District.  
 ND3 Third Naval District.  
 ND4 Fourth Naval District.  
 ND5 Fifth Naval District.  
 ND6 Sixth Naval District.  
 ND7 Seventh Naval District.  
 ND8 Eighth Naval District.  
 ND9 Ninth Naval District.  
 ND10 Tenth Naval District.  
 ND11 Eleventh Naval District.  
 ND12 Twelfth Naval District.  
 ND13 Thirteenth Naval District.  
 ND14 Fourteenth Naval District.  
 ND15 Fifteenth Naval District.  
 ND16 Sixteenth Naval District.  
 ND17 Activities on the Potomac and Severn Rivers.

## NE NAVAL TRIAL COURSES.

- NE1 Barren Island, Chesapeake Bay.  
 NE2 Delaware Breakwater.  
 NE3 Cape Ann, Mass.  
 NE4 Provincetown, Mass.  
 NE5 Block Island, R. I.  
 NE6 Port Jefferson, R. I.  
 NE7 Rockland, Maine.  
 NE8 Great Lakes, Ill.  
 NE9 Santa Barbara, Calif.  
 NE10 San Pedro, Calif.  
 NE11 California City Point, Calif.  
 NE12 Point Vincent, Calif.  
 NE13 Puget Sound (Vashon Island), Wash.  
 NE14 Guantanamo, Cuba.  
 NE15 Foreign courses.  
 NE16 Aircraft trial courses.  
 NE17 Olongapo, P. I.  
 NE18 Piney Point, Md.  
 NE19 Solomon's Island, Md., magnetic proving ground.

## NF NAVAL AND STATE PRISONS.

- NF1 Portsmouth, N. H., naval prison.  
 NF2 Parris Island, S. C., naval prison.
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## NF NAVAL AND STATE PRISONS—Continued.

- NF3 Cavite, P. I., naval prison.  
 NF4 Mare Island, Calif., naval prison.  
 NF5 State and other prisons. (For Federal penitentiaries,  
 see Department of Justice.)

## NG NAVAL COASTAL FRONTIER FORCES.

- NG1 Northern Atlantic.  
 NG2 Southern Atlantic.  
 NG3 Northern Pacific.  
 NG4 Southern Pacific.  
 NG5 Caribbean.  
 NG6 Panama.  
 NG7 Hawaiian.  
 NG8 Philippine Islands.

## NH NAVAL HOSPITALS.

- NH1 Portsmouth, N. H.  
 NH2 Chelsea, Mass.  
 NH3 Newport, R. I.  
 NH4 Brooklyn, N. Y.  
 NH5 Philadelphia, Pa.  
 NH6 Washington, D. C., Medical Center  
 NH7 Annapolis, Md.  
 NH8 Norfolk, Portsmouth, Va.  
 NH9 Charleston, S. C.  
 NH10 Parris Island, S. C.  
 NH11 Key West, Fla.  
 NH12 Pensacola, Fla.  
 NH13 Great Lakes, Ill.  
 NH14 Puget Sound, Bremerton, Wash.  
 NH15 Mare Island, Calif.  
 NH16 San Diego, Calif.  
 NH17 Pearl Harbor, T. H.  
 NH18 Guam.  
 NH18-1 Guam Leper Colony.  
 NH19 Canacao, P. I.  
 NH20 Yokohama, Japan.  
 NH21 Virgin Islands, West Indies.  
 NH22 Hospitals other than naval (not listed elsewhere).  
 NH23 Guantanamo Bay, Cuba.  
 NH24 Kilauea, T. H., naval health and recreation camp.  
 NH24-1 Bagino, T. H., recreation health camp.  
 NH25 Naval dispensary, general.  
 NH25-1 San Pedro and Long Beach Area, Calif.  
 NH26 Bainbridge Island, Wash., navy recreation center.  
 NH27 Naval mobile base hospital No. 1.  
 NH28 Quantico, Va.  
 NH29 Coco Solo, C. Z., naval dispensary.  
 NH30 Jacksonville, Fla.  
 NH31 Balboa, C. Z., naval dispensary.  
 NH32 Corpus Christi, Tex.  
 NH33 San Pedro, Calif., naval dispensary.  
 NH34 Naval mobile base hospital No. 2.  
 NH35 San Juan, P. R., naval dispensary.  
 NH36 Argentia, Newfoundland, naval dispensary.  
 NH37 Bermuda, naval dispensary.  
 NH38 Jamaica, naval dispensary.
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## NH NAVAL HOSPITALS—Continued.

NH39	Trinidad, British West Indies, naval dispensary.
NH40	St. Lucia, naval dispensary.
NH41	Antigua, naval dispensary.
NH42	British Guiana, naval dispensary.
NH43	Tutuila, Samoa, naval dispensary.
NH44	Naval mobile base hospital No. 3.

## NL NAVY RECRUITING STATIONS

NLO	Navy Recruiting Bureau.
NL1	Boston, Mass.
NL2	New Haven, Conn.
NL3	Providence, R. I.
NL4	Springfield, Mass.
NL5	Albany, N. Y.
NL6	Baltimore, Md.
NL7	Brooklyn, N. Y.
NL8	Buffalo, N. Y.
NL9	Newark, N. J.
NL10	New York, N. Y.
NL11	Philadelphia, Pa.
NL12	Atlanta, Ga.
NL13	Birmingham, Ala.
NL14	Jacksonville, Fla.
NL15	Nashville, Tenn.
NL16	Raleigh, N. C.
NL17	Richmond, Va.
NL18	Dallas, Tex.
NL19	Little Rock, Ark.
NL20	New Orleans, La.
NL21	Chicago, Ill.
NL22	Cincinnati, Ohio
NL23	Detroit, Mich.
NL24	Indianapolis, Ind.
NL25	Louisville, Ky.
NL26	Milwaukee, Wis.
NL27	Denver, Colo.
NL28	Des Moines, Iowa.
NL29	Kansas City, Mo.
NL30	Minneapolis, Minn.
NL31	Omaha, Nebr.
NL32	St. Louis, Mo.
NL33	Los Angeles, Calif.
NL34	Portland, Oreg.
NL35	Salt Lake City, Utah.
NL36	San Francisco, Calif.
NL37	Seattle, Wash.
NL38	Cleveland, Ohio.
NL39	Peoria, Ill.
NL40	Houston, Tex.
NL41	Pittsburgh, Pa.
NL42	Eastern and northeastern divisions, navy recruiting inspectors.
NL43	Southern and southeastern divisions, navy recruiting inspectors.
NL44	Central and west central divisions, navy recruiting inspectors.
NL45	Western division, Navy recruiting inspectors.

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## NL NAVY RECRUITING STATIONS—Continued.

- NL46 Oklahoma City, Okla.  
 NL47 San Diego, Calif.

## NM NAVY PERSONNEL DEPOTS.

- NM1 Newport, R. I., naval training station.  
 NM2 Norfolk (Hampton Roads), Va., naval training station.  
 NM3 Great Lakes, Ill., naval training station.  
 NM4 San Francisco, Calif., naval training station.  
 NM5 San Diego, Calif., naval training station.  
 NM6 Boston, Mass., naval receiving station.  
 NM7 New York, N. Y., receiving ship.  
 NM8 Philadelphia, Pa., naval receiving station.  
 NM9 Washington, D. C. naval receiving station.  
 NM10 Norfolk (Hampton Roads), Va., naval receiving station.  
 NM11 Charleston, S. C. receiving ship.  
 NM12 Puget Sound, Wash, naval receiving station.  
 NM13 San Francisco, Calif., receiving ship.  
 NM14 Pearl Harbor, T. H., naval receiving station.  
 NM15 Cavite, P. I., receiving ship.  
 NM16 Guantanamo, Cuba, marine receiving barracks.  
 NM17 San Diego, Calif., receiving ship.  
 NM18 Training camps.  
 NM19 Mare Island, Calif., marine barracks, navy yard.  
 NM20 New Orleans (Algiers), La., navy receiving station.  
 NM21 So. Brooklyn, N. Y., (Old Armory) (Lend-Lease), navy receiving station.

## NN SHORE ESTABLISHMENTS.

- NN1 East coast.  
 NN2 West coast.  
 NN3 Asiatic.  
 NN4 Inshore patrol.

## NP NAVAL PLANTS.

- NP1 Newport, R. I., naval torpedo station.  
 NP2 Alexandria, Va. (Washington, D. C., navy yard), naval torpedo station.  
 NP3 Keyport, Wash., torpedo station.  
 NP4 Baldwin, Long Island, naval ordnance plant.  
 NP5 South Charleston, W. Va., naval ordnance plant.  
 NP6 San Diego, Calif., torpedo testing room.  
 NP7 Washington, D. C., naval gun factory.  
 NP8 Indianhead, Md., naval powder factory.  
 NP9 Dahlgren, Va., naval proving ground.  
 NP10 Washington, D. C., wind tunnel.  
 NP11 Philadelphia, Pa., naval aircraft factory.  
 NP12 Washington, D. C., aeronautical engine testing laboratory.  
 NP13 Fort Worth, Tex., helium production plant.  
 NP14 Bellevue, D. C., naval experimental and research laboratory.  
 NP15 Anacostia, D. C., aircraft radio laboratory.  
 NP16 Annapolis, Md., engineering experiment station.  
 NP17 Washington, D. C., fire-control laboratory.  
 NP18 Philadelphia, Pa., naval boiler and turbine laboratory.  
 NP19 Brooklyn, N. Y., officers' uniform shop.  
 NP20 Brooklyn, N. Y., naval clothing depot.
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## NP NAVAL PLANTS—Continued.

NP21	Carderock, Md., David Taylor model basin.
NP22	San Diego, Calif., radio and sound laboratory.
NP23	
NP24	New London, Conn., under-water sound laboratory, Fort Trumbull.
NP25	Louisville, Ky., naval ordnance plant.
NP26	Centerville, Minn., naval ordnance plant.
NP27	Canton, Ohio, naval ordnance plant.
NP28	Indianapolis, Ind., naval ordnance plant.
NP29	Centerline, Mich., naval ordnance plant.
NP30	Macon, Ga., naval ordnance plant.

## NR NAVAL RADIO—TRAFFIC STATIONS.

NR1	Bar Harbor, Me.	NR35	Morehead City, N. C.
NR2	Portland, Maine.	NR36	Cape Hatteras, N. C.
NR3	Portsmouth, N. H.	NR37	Charleston, S. C.
NR4	Boston, Mass.	NR38	Savannah, Ga.
NR5	Chatham, Mass.	NR39	Parris Island, S. C.
NR6	Newport, R. I.	NR40	Key West, Fla.
NR7	New York, N. Y.	NR41	St. Petersburg, Fla.
NR8	Fire Island, N. Y.	NR42	Miami, Fla.
NR9	Amagansett, N. Y.	NR43	Jupiter Inlet, Fla.
NR10	Sayville, N. Y.	NR44	St. Augustine, Fla.
NR11	Buffalo, N. Y.	NR45	Pensacola, Fla.
NR12	San Juan, P. R. (Cayey).	NR46	New Orleans, La.
NR13	Guantanamo Bay, Cuba.	NR47	Grand Island, La.
NR14	Navassa Island.	NR48	Mobile, Ala.
NR15	Port au Prince, Haiti.	NR49	Port Arthur, Tex.
NR16	St. Thomas, V. I.	NR50	Galveston, Tex.
NR17	St. Croix, V. I.	NR51	Point Isabel, Tex. (Brownsville).
NR18	San Domingo, Do- minican Republic.	NR52	Great Lakes, Ill.
NR19	Philadelphia, Pa.	NR53	Milwaukee, Wis.
NR20	Cape May, N. J.	NR54	Manistique, Mich.
NR21	Lakehurst, N. J.	NR55	Eagle Harbor, Mich.
NR22	Baltimore, Md.	NR56	Duluth, Minn.
NR23	Annapolis, Md.	NR57	Whitefish Point, Mich.
NR24	Annapolis, Md., Na- val Academy.	NR58	Mackinac Island, Mich.
NR25	Indianhead, Md.	NR59	Alpena, Mich.
NR26	Arlington, Va.	NR60	Detroit, Mich.
NR27	Washington, D. C., Navy Yard.	NR61	Cleveland, Ohio.
NR28	Washington, D. C., Navy Department Building.	NR62	Balboa, C. Z. (Farfan) (Darien) (Summit, C. Z.).
NR29	Washington, D. C., Bureau of Stand- ards.	NR63	Colon (Gatun), C. Z.
NR30	Anacostia, D. C.	NR64	Coco Solo, C. Z.
NR31	Quantico, Va.	NR65	Cape Malo, C. Z.
NR32	Dahlgren, Va.	NR66	Puerto O'Baldio, Panama.
NR33	Norfolk, Va.	NR67	LaPalma, Panama.
NR34	Virginia Beach, Va.	NR68	Managua, Nicaragua.
		NR69	San Diego, Calif. (Point Loma and Chollas Heights).

## NR NAVAL RADIO—TRAFFIC STATIONS—Continued.

NR70	Inglewood, Calif.	NR91	Hilo, T. H.
NR71	San Francisco, Calif., (San Francisco and Mare Island).	NR92	Tutuila, Samoa.
		NR93	Guam, Marianas Islands.
NR72	San Francisco Beach.	NR94	Cavite, P. I.
NR73	Eureka, Calif.	NR95	Olongapo, P. I.
NR74	Marshfield, Oreg.	NR96	Vladivostok, Russia.
NR75	Astoria, Oreg.	NR97	Shanghai, China.
NR76	Seattle, Wash.	NR98	Peiping, China.
NR77	Puget Sound, Wash., (Keyport).	NR99	New London, Conn.
		NR100	David, Republic of Panama.
NR78	Tatoosh, Wash.	NR101	City of Panama, Panama.
NR79	Ketchikan, Alaska.	NR102	Sunnyvale, Calif.
NR80	Sitka, Alaska.	NR103	Cheltenham, Md.
NR81	Juneau, Alaska.	NR104	Trona Field, San Pedro, Calif.
NR82	Cordova, Alaska.	NR105	San Nicholas Island, Calif.
NR83	Seward, Alaska.	NR106	Tientsin, China.
NR84	Kodiak, Alaska.	NR107	Bainbridge Island, Wash.
NR85	Dutch Harbor, Alaska.	NR108	Trinidad, British West Indies.
NR86	Sarichef, Alaska.		
NR87	Scotch Cap, Alaska.		
NR88	St. George, Alaska.		
NR89	St. Paul, Alaska.		
NR90	Honolulu, T. H. (Wahiawa, T. H.).		

## NS NAVAL STATIONS.

NS1	Newport, R. I.
NS2	Key West, Fla.
NS3	New Orleans, La.
NS4	Guantanamo Bay, Cuba.
NS5	Culebra, P. R.
NS6	St. Thomas, V. I.
NS8	Guam, Marianas Islands.
NS9	Tutuila, Samoa.
NS10	Cavite, P. I. (now NY11, navy yard).
NS11	Olongapo, P. I.
NS12	Balboa, C. Z.
NS13	Fort Sherman, C. Z., harbor control station.
NS14	Flamenco Island, C. Z., harbor control station.
NS15	Harbor entrance control posts.

## NT NAVAL DEPOTS.

NT1	Naval ammunition depots and magazines.
NT1-1	Hingham, Mass., naval ammunition depot.
NT1-2	Iona Island, N. Y., naval ammunition depot.
NT1-3	Lake Denmark, Dover, N. J., naval ammunition depot.
NT1-4	Fort Lafayette, N. Y., naval magazine.
NT1-5	Fort Mifflin, Pa., naval ammunition depot.
NT1-6	Bellevue, D. C., naval magazine.
NT1-7	St. Juliens Creek, Portsmouth, Va., naval ammu- nition depot.
NT1-8	Charleston (Berkeley County), S. C., naval ammu- nition depot.
NT1-9	Puget Sound, Wash., naval ammunition depot.

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## NT NAVAL DEPOTS—Continued.

- Naval ammunition depots and magazines—Continued.**
- NT1-10 Mare Island, Calif., naval ammunition depot.  
 NT1-11 Kuahua, T. H. (Oahu, T. H.), ammunition depot.  
 NT1-12 Cavite, P. I., naval ammunition depot.  
 NT1-13 Hawthorne, Nev., naval ammunition depot.  
 NT1-14 Pig Point, Va., reserve depot.  
 NT1-15 Balboa, C. Z., naval ammunition depot.  
 NT1-16 Coco Solo, C. Z., naval ammunition depot.  
 NT1-17 Indian Island, Wash., naval magazine.  
 NT1-18 Burns City, Ind., naval ammunition depot.  
 NT1-19 Rose Island (Newport), R. I., naval magazine.  
 NT1-20 San Diego, Calif. (Fallbrook), naval ammunition depot.  
 NT1-21 Guantanamo, Cuba, naval magazine.  
 NT1-22 Key West, Fla., naval magazine.  
 NT1-23 Mariveles, P. I., naval ammunition depot.
- Naval fuel and coal depots.**
- NT2 East Lamoine, Maine, naval fuel depot.  
 NT2-2 Constable Hook, N. J., naval fuel depot.  
 NT2-3 Yorktown, Va., naval fuel depot.  
 NT2-4 San Diego, Calif., naval fuel depot.  
 NT2-5 Tiburon, Calif., naval fuel depot.  
 NT2-6 Cabras, Guam, naval fuel depot.  
 NT2-7 Melville Station, R. I., naval fuel depot.  
 NT2-8 Yokohama, Japan, naval coal depot.  
 NT2-9 Sangley Point, P. I., naval fuel depot.  
 NT2-10 Norfolk (Hampton Roads), Va., naval fuel depot.  
 NT2-11 Pearl Harbor, T. H., naval fuel depot.  
 NT2-12 Norfolk, Va. (Craney Island), naval fuel annex, naval supply depot.  
 NT2-13 Old Orchard and Middle Pts., Wash., naval fuel depot.
- Naval mine depots and bases.**
- NT3 New London, Conn., naval mine depot.  
 NT3-2 Yorktown, Va., naval mine depot.  
 NT3-3 Cavite, P. I., naval mine base.
- Naval supply depots and stations.**
- NT4 Brooklyn, N. Y., naval supply depot.  
 NT4-2 Brooklyn, N. Y., naval medical supply depot.  
 NT4-3 Norfolk (Hampton Roads), Va., naval supply depot.  
 NT4-4 San Diego, Calif., naval supply depot.  
 NT4-5 Constantinople, Turkey, naval supply depot.  
 NT4-6 Mare Island, Calif., naval medical supply depot.  
 NT4-7 Canacao, P. I., naval medical supply depot.  
 NT4-8 Oakland, Calif., medical depot.  
 NT4-9 Pearl Harbor, T. H., naval supply depot.  
 NT4-10 Tiburon, Calif., naval net depot.  
 NT4-11 St. Thomas, V. I., naval net depot.  
 NT4-12 Hospital Cay, Guantanamo, Cuba, naval net depot.  
 NT4-13 Bishop Point, Pearl Harbor, T. H., naval net depot.  
 NT4-14 Newport News, Va., naval net depot.  
 NT4-15 Yorktown, Va., naval net depot.  
 NT4-16 New London, Conn., naval net depot.  
 NT4-17 Charleston, S. C., naval net depot.  
 NT4-18 Boston, Mass., naval net depot.  
 NT4-19 New York, N. Y., naval net depot.  
 NT4-20 Fort Mifflin, Pa., naval net depot.  
 NT4-21 Newport (Melville), R. I., naval net depot.  
 NT4-22 Bayonne, N. J., naval supply depot.
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**NT NAVAL DEPOTS—Continued.****Naval ammunition depots and magazines—Continued.**

NT4-23 Tompkinsville, N. Y., naval net depot.  
 NT4-24 San Pedro, Calif., naval net depot.  
 NT4-25 San Diego, Calif., naval net depot.  
 NT4-26 San Juan, P. R., naval net depot.  
 NT4-27 Coco Solo, C. Z., naval net depot.  
 NT4-28 Oakland, Calif., naval supply depot.  
 NT4-29 Bremerton, Wash., naval net depot.  
 NT4-30 Pearl Harbor, T. H., naval medical supply depot.  
 NT4-31 Portsmouth, N. H., naval net depot.  
 NT4-32 Balboa, C. Z., naval net depot.  
 NT4-33 Bayonne, N. J., naval net depot.  
 NT4-34 Mariveles, P. I., naval net depot.  
 NT4-35 Pago Pago, Tutuila, Samoa, naval net depot.  
 NT4-36 Port Townsend, Wash., naval net depot.  
 NT4-37 Indian Island, Puget Sound, Wash., naval net depot.  
 NT4-38 Seattle, Wash., navy supply pier, Pier 41.  
 NT4-39 Casco Bay, Portland, Maine, navy supply pier.  
 NT4-40 Balboa, C. Z., navy supply depot N. O. B.  
 NT4-41 Newport, R. I., fleet supply depot.

**Naval torpedo depots.**

NT5  
 NT5-1 New London, Conn.  
 NT5-2 Philadelphia, Pa.  
 NT5-3 Norfolk (Hampton Roads), Va.  
 NT5-4 St. Juliens Creek, Va.  
 NT5-5 Pensacola, Fla.  
 NT5-6 Charleston, S. C., torpedo depot.  
 NT5-7 Key West, Fla.  
 NT5-8 Mare Island, Calif., torpedo depot.  
 NT5-9 San Pedro, Calif.  
 NT5-10 San Diego, Calif.  
 NT5-11 Coco Solo, C. Z.  
 NT5-12 Kuahua, T. H.  
 NT5-13 Cavite, P. I.

**Marine corps depots of supplies.**

NT6  
 NT6-1 Philadelphia, Pa.  
 NT6-2 San Francisco, Calif.  
 NT6-3 Norfolk (Hampton Roads), Va.

**Motion picture exchanges.**

NT7  
 NT7-1 New York, N. Y.  
 NT7-2 Mare Island, Calif. (subexchange).  
 NT7-3 San Diego, Calif.  
 NT7-4 Cavite, P. I.  
 NT7-5 San Pedro, Calif. (subexchange).

**NU RADAR STATIONS.**

NU1 Guam.  
 NU2 Midway.  
 NU3 Johnson.  
 NU4 Palmyra.  
 NU5 Samoa.  
 NU6 Wake Island.  
 NU7 Guantanamo.  
 NU8 Tutuila.

**NV NAVAL VETERANS' HOMES**

NV1 Philadelphia, Pa.

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## NX NAVAL RADIO DIRECTION-FINDER STATIONS.

NX1	Bar Harbor, Maine.	NX40	Point Fermin, Calif.
NX2	Cape Elizabeth, Maine.	NX41	Point Hueneme, Calif.
NX3	Thatcher Island, Mass.	NX42	Point Arguello, Calif.
NX4	Deer Island, Mass.	NX43	Farallone Island, Calif.
NX5	Fourth Cliff, Mass.	NX44	Point Montara, Calif.
NX6	Chatham, Mass.	NX45	Bird Island, Calif.
NX7	Surfside, Mass.	NX46	Point Reyes, Calif.
NX8	North Truro, Mass.	NX47	Eureka, Calif.
NX9	Prices Neck, R. I.	NX48	Coco Solo, C. Z.
NX10	Sandy Hook, N. J.	NX49	Empire, Oreg.
NX11	Fire Island, N. Y.	NX50	Fort Stevens, Oreg.
NX12	Amagansett, N. Y.	NX51	Klipsan Beach, Wash.
NX13	Cape May, N. J.	NX52	Tatoosh Island, Wash.
NX14	Manasquam, N. J.	NX53	New Dungenness, Wash.
NX15	Lakehurst, N. J.	NX54	Port Angeles, Wash.
NX16	Cape Henlopen, Del.	NX55	Cattle Point, Wash.
NX17	Bethany Beach, Del.	NX56	Smith Island, Wash.
NX18	Anacostia, D. C.	NX57	Soapstone Point, Alaska.
NX19	Virginia Beach, Va.	NX58	Cape Hinchinbrook, Alaska.
NX20	Hog Island, Va.	NX59	St. Paul, Alaska.
NX21	Poyners Hill, N. C.	NX60	Guam, Marianas Islands.
NX22	Cape Hatteras, N. C.	NX61	Peiping, China.
NX23	Cape Lookout, N. C.	NX62	Galveston, Tex.
NX24	Folly Island, S. C.	NX63	Point St. George, Calif.
NX25	North Island, S. C.	NX64	Destruction Island, Wash.
NX26	Tybee Island, S. C.	NX65	Colon, C. Z.
NX27	Key West, Fla.	NX66	Toro Point, C. Z.
NX28	Jupiter, Fla.	NX67	Mare Island, Calif.
NX29	Pensacola, Fla.	NX68	Norfolk, Va.
NX30	South Pass, La.	NX69	San Juan, P. R.
NX31	Sabine Pass, Tex.		
NX32	Manistique, Mich.		
NX33	Eagle Harbor, Mich.		
NX34	Whitefish Point, Mich.		
NX35	Detour Point, Mich.		
NX36	Grand Marais, Mich.		
NX37	Thunder Bay Island.		
NX38	Point Loma, Calif.		
NX39	Imperial Beach, Calif.		

## NY NAVY YARDS.

NY1	Portsmouth, N. H.	NY7	Charleston, S. C.
NY2	Boston, Mass.	NY8	Puget Sound, Brem- erton, Wash.
NY2-1	South Boston, Mass.	NY9	Mare Island, Calif.
NY3	New York, N. Y.	NY9-1	Hunters Point, Calif.
NY4	Philadelphia, Pa.	NY10	Pearl Harbor, T. H.
NY5	Washington, D. C.	NY11	Cavite, P. I.
NY6	Norfolk (Ports- mouth), Va.		

## NZ PUBLIC RESERVATIONS.

NZ1	Other government departments.	NZ7	Oil-shale reserves.
NZ2	Naval, general.	NZ8	Petroleum reserves.
NZ3	Fishery.	NZ9	National, international, and State reservation.
NZ4	Forest or timber.		
NZ5	Mineral reserves.	NZ10	Helium reserves.
NZ6	Coal reserves.		

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**OA MARINE CORPS (OFFICERS).**

OA1	Major general.	OA7	First lieutenants.
OA2	Brigadier general.	OA8	Second lieutenants.
OA3	Colonels.	OA9	Marine gunners.
OA4	Lieutenant colonels.	OA11	Pay clerks.
OA5	Majors.	OA12	Warrant officers.
OA6	Captains.		

**OB RESERVE CORPS.**

(Combine with corps and ranks. A number must be added for each class of reserve).

**OC NAVAL CONSTRUCTOR CORPS.**

OC12	Naval constructors.
OC13	Assistant naval constructors.

(To show any particular rank add rank numbers as shown under "Line.")

**OD DENTAL CORPS.**

OD12	Dental surgeons.
OD13	Passed assistant dental surgeons.
OD14	Assistant dental surgeons.
OD15	Acting assistant dental surgeons.

(To show any particular rank add rank numbers as shown under "Line.").

**OE CIVIL ENGINEER CORPS.**

OE12	Civil engineers.
OE13	Assistant civil engineers.

(To show any particular rank add rank numbers as shown under "Line.").

**OF ADMINISTRATIVE AND/OR TACTICAL OFFICERS ALFOAT**

OF1	Commander in chief.
OF2	Fleet commander.
OF3	Detachment commander.
OF4	Force commander.
OF5	Flotilla commander.
OF6	Squadron commander.
OF7	Division commander.
OF8	Section commander.
OF9	Unit commander.
OF10	Commanding officer.
OF11	Executive officer.
OF12	First lieutenant.
OF13	Engineer officer.
OF14	Gunnery officer.
OF15	Navigation officer.
OF16	Medical officer.
OF17	Supply officer.
OF17-1	Disbursing officer.
OF18	Communication officer.
OF19	Assistant fire-control officer.
OF20	Assistant engineer officer.

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**OF ADMINISTRATIVE AND/OR TACTICAL OFFICERS AFLOAT—Continued.**

OF21 Watch and division officer.  
 OF22 Senior officer present afloat.  
 OF23 Officer on the staff.  
 OF24 Officer of the deck.  
 OF25 Officer of the engineroom watch.  
 OF26 Immediate superior in command.  
 OF27 Finance officer.  
 OF28 Chief of Staff.  
 OF29 Aviation officers.

**OG NURSE CORPS.**

OG1 Nurse corps superintendent.  
 OG2 Nurse, chief.  
 OG3 Nurse.  
 OG4 Nurse, Reserve.

**OH CHAPLAIN CORPS.**

OH12 Chaplains.  
 OH13 Acting chaplains.  
 (To show any particular rank add rank numbers as shown under "Line.").

**OK STAFF OFFICERS.**

**OL LINE OFFICERS.**

OL1 Admirals	OL7 Lieutenants.
OL2 Vice admirals.	OL8 Lieutenants (junior grade).
OL3 Rear admirals.	OL9 Ensigns.
OL4 Captains.	OL10 Acting ensigns.
OL5 Commanders.	OL11 Midshipmen.
OL6 Lieutenant commanders.	

**OM MEDICAL CORPS.**

OM12 Medical directors.	OM17 Acting assistant surgeons.
OM13 Medical inspectors.	(To show any particular rank add rank numbers as shown under "Line.")
OM14 Surgeons.	
OM15 Passed assistant surgeons.	
OM16 Assistant surgeons.	

**ON ADMINISTRATIVE OFFICERS ASHORE.**

ON1 Military governor.	ON13 Accounting officer.
ON2 Commandant.	ON14 Medical officer.
ON3 Commanding officer ashore.	ON15 Communication officer.
ON4 Industrial manager.	ON16 Injury officer.
ON5 Captain of the yard.	ON17 Duty officer.
ON6 Executive officer ashore.	ON18 Dental officer.
ON7 Engineer officer.	ON19 Destroyer stores officer.
ON8 Construction officer.	ON20 Patrol officer (senior or other).
ON9 Public works officer.	ON21 Radio material officer.
ON10 Inspection officer.	ON22 Intelligence officers.
ON11 Supply officer.	
ON12 Disbursing officer.	

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**OO OFFICER PERSONNEL.**

- 001** Chiefs of bureau.  
**002** Assistant chiefs of bureau.

The name title file number for correspondence on an individual officer shall be the letter "OO" followed by the file serial number assigned to that officer by the Bureau of Navigation. Ships and stations may obtain the serial number in question from the copy of the officer's orders, ordering him to the station. The symbol "OO" combined with the name of the officer involved may also be used.

**OP PROFESSORS OF MATHEMATICS.****OQ FOREIGN OFFICERS (OTHER THAN ATTACHÉS).****OR RETIRED OFFICERS.**

(Combine with corps and rank, title numbers as necessary.)

**OS SUPPLY CORPS.**

- OS12** Pay directors.  
**OS13** Pay inspectors.  
**OS14** Paymasters.  
**OS15** Past assistant paymasters.  
**OS16** Assistant paymasters.  
**OS17** Disbursing officers, general.

(To show any particular rank add rank numbers as shown under "Line.")

**OT MERCHANT MARINE OFFICERS.****OV AVIATION OFFICERS.**

- |                            |                      |
|----------------------------|----------------------|
| <b>OV1</b> Flight surgeon. | <b>OV4</b> Aviators. |
| <b>OV2</b> Observers.      | Heavier than air.    |
| <b>OV3</b> Aerological.    | Lighter than air.    |

**OW WARRANT OFFICERS.**

- |                               |                                       |
|-------------------------------|---------------------------------------|
| <b>OW1</b> Chief boatswains.  | <b>OW10</b> Pharmacists.              |
| <b>OW2</b> Boatswains.        | <b>OW11</b> Chief pay clerks.         |
| <b>OW3</b> Chief gunners.     | <b>OW12</b> Pay clerks.               |
| <b>OW4</b> Gunners.           | <b>OW13</b> Acting pay clerks.        |
| <b>OW5</b> Chief machinists.  | <b>OW14</b> Chief electricians.       |
| <b>OW6</b> Machinists.        | <b>OW15</b> Electricians.             |
| <b>OW7</b> Chief carpenters.  | <b>OW16</b> Chief radio electricians. |
| <b>OW8</b> Carpenters.        | <b>OW16</b> Chief radio electricians. |
| <b>OW9</b> Chief pharmacists. | <b>OW17</b> Radio electricians.       |

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**OZ NAVAL MILITIA OFFICERS.**

The file number on correspondence regarding a particular officer or enlisted man shall be for an officer the file number assigned him by the Bureau of Navigation or OO, followed by his name, and for an enlisted man MM, followed by his service number, and in either case may or may not include a subject or name title file number. In the case of an officer it shall be optional to use either the number assigned by the Bureau of Navigation or OO, followed by the officer's name.

*Example.*—Subject, Lieut. J. J. Jones, orders; file No. 32165; OO Jones, J. J.; OO, Jones, J. J./P16-4.

The file number on correspondence regarding several officers or several enlisted men shall be for officers the file number assigned by the Bureau or Navigation or OO, followed by the name, and for enlisted men MM, followed by the service number of the first individual listed, and may or may not include a subject or name title file number. In general correspondence relating to several individuals it shall be optional to use the name of the first individual, as above provided, or to use the subject or name title numbers. In orders to a draft of men by name or ratings the file number shall, in addition, include the personnel group subject title file number and the name title file number of the ship or station to which the draft is to proceed.

*Example.*—Subject, orders to a draft of men from receiving ship *New York* to U. S. S. *Florida*, Seaman W. W. Smith being the first man mentioned by name in the orders; file No. MM-243512/BB30/P16-1; subject, travel orders to officers listed, at PG school; NC4/P16-4.

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(To individualize the PC-PYc class designations, unless otherwise named add thereto the identification number of the particular vessel in question.)

**PC PATROL VESSELS—SUBMARINE CHASERS.****PE PATROL VESSELS—EAGLES.****PG PATROL VESSELS—GUNBOATS.**

PG9	Helena (stricken).	PG44	Tutuila (now PR4).
PG16	Palos.	PG45	Panay (now PR5).
PG17	Dubuque (ex-AG6).	PG46	Oahu (now PR6).
PG18	Paducah (ex-AG7).	PG47	Luzon (now PR7).
PG19	Sacramento.	PG48	Mindanao (now PR8).
PG20	Monocacy (now PR2) (stricken).	PG49	Fulton (ex-AS1) (stricken).
PG21	Asheville.	PG50	Erie.
PG22	Tulsa.	PG51	Charleston.
PG35	Topeka (stricken).	PG52	Niagara.
PG38	Elcano.	PG53	Vixen.
PG39	Pampanga.	PG54	St. Augustine.
PG40	Quiros.	PG55	Jamestown.
PG42	Villalobos.	PG56	Williamsburg.
PG43	Guam (now Wake PR3).		

**PR PATROL VESSELS—RIVER GUNBOATS.**

PR1	Palos (stricken).	PR5	Panay (ex-PG45).
PR2	Monocacy (ex-PG-20) (stricken).	PR6	Oahu (ex-PG46).
PR3	Wake (ex-Guam) (ex-PG43).	PR7	Luzon (ex-PG47).
PR4	Tutuila (ex-PG44).	PR8	Mindanao (ex-PG48).

**PT MOTOR TORPEDO BOATS.****PY PATROL VESSELS—YACHTS (CONVERTED).**

PY1	Mayflower (stricken).	PY12	Sylph.
PY3	Scorpion (stricken).	PY13	Siren.
PY4	Vixen (stricken).	PY14	Argus.
PY5	Sylph (stricken).	PY15	Coral.
PY6	Nokomis (now YT142).	PY16	Zircon.
PY7	Aramis (stricken).	PY17	Jade.
PY8	Despatch (stricken).	PY18	Turquoise.
PY9	Niagara (stricken).	PY19	Carnelian.
PY10	Isabel.	PY20	Tourmaline.
PY11	Wenonah (stricken).	PY21	Ruby.

**PYc PATROL VESSELS—YACHTS—COASTAL.**

PYc1	Emerald.	PYc8	Opal.
PYc2	Sapphire.	PYc9	Moonstone.
PYc3	Amethyst.	PYc10	Topaz.
PYc4	Agate.	PYc11	Andradite.
PYc5	Onyx.	PYc12	Sardonyx.
PYc6	Amber.	PYc13	Jasper.
YYc7	Aquamarine.	PYc14	Truant.

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**QA ARMY.****QB BOARDS AND COMMITTEES (EXCEPT CONGRESSIONAL COMMITTEES).**

(To be followed by name or initials of board or committees in question or by appropriate symbol.)

**QC COMMISSIONS, MISSIONS, AND HIGH COMMISSIONS.**

(To be followed by name or initials of commission, mission, or high commission in question or by appropriate symbol.)

**QD BANDS AND ORCHESTRAS (OTHER THAN MARINE CORPS).**

- QD1** Navy band, Washington, D. C.
- QD2** Navy band, Naval Academy.
- QD3** Navy bands, ship and shore.
- QD4** Government bands and orchestras other than Navy.
- QD5** Civilian bands and orchestras.
- QD6** Foreign bands and orchestras.

**QE ARTS AND SCIENCES.**

(To be followed by name.)

**QF MONEY, COIN, ETC.****QG GRAND DIVISIONS, LAND, GEOGRAPHICAL LOCATIONS, ETC.**

- QG1** Eastern Hemisphere.
- QG1-1** Africa.
- QG1-2** Asia.
- QG1-3** Australasia.
- QG1-4** Europe.
- QG1-5** The Orient, Far East, East.
- QG2** Western Hemisphere.
- QG2-1** North America.
- QG2-2** South America.
- QG2-3** West Indies.
- QG2-4** Central America or Central American Republics.
- QG2-5** Latin America or Latin American countries.
- QG3** Arctic regions.
- QG4** Antarctic regions.
- QG5** Continental limits of countries.

See EF for specific governments and countries and EM for municipal governments and cities. When exact geographical locations are desired, use QG with name of location written out. (This rule need not be followed by Hydrographic Office.)

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**QH GRAND DIVISIONS, WATER.**

- QH1** North Atlantic Ocean.
- QH2** South Atlantic Ocean.
- QH3** Mediterranean Sea.
- QH4** Indian Ocean.
- QH5** North Pacific Ocean—West.
- QH6** South Pacific Ocean—West.
- QH7** North Pacific Ocean—East.
- QH8** South Pacific Ocean—East.

When exact body of water is to be designed, use QH followed by name. (This rule need not be followed by Hydrographic Office.)

**QI ANIMALS ETC. (OTHER THAN DOMESTIC).**

- Birds.
- Insects.
- Fish.
- Reptiles.

**QL CONSTABULARY, POLICE AND DETECTIVES, SHORE PATROL, ETC.****QM COMMERCIAL ENTERPRISES, INDUSTRIES, FIRMS, MANUFACTURERS, ETC.**

When using this file number the name or initial of the firm shall follow right after the number, as per example, QM-New York Shipbuilding Co. or QM-NYSB.

**QN NAVY.****QO FEDERAL PUBLIC BUILDINGS.**

- QO1** Outside of District of Columbia (add name of city).
- QO2** Within District of Columbia.
- QO2-1** Navy Department Building.
- QO2-2** Archives Building.
- QO2-3** Proposed new Navy Department Building.

**QP PROCESS.**

To be followed by name of process written out in full.

**QQ MISCELLANEOUS NAME TITLES.****QR NAVAL RESERVES.**

- QR1** Fleet Reserve.
- QR2** Merchant Marine Reserve.
- QR3** Volunteer Naval Reserve.
- QR4** Naval Reserve Officers' Training Corps.
- QR5** Naval Reserve, aviation.
- QR6** Naval Reserve, communication.
- QR7** Organized Reserve.

To be combined with symbol of naval district involved.

**QS VESSELS OTHER THAN NAVY.**

- QS1** Merchant vessels or merchant marine. (Identification numbers to be added in parentheses).
- QS2** Army transports.

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**QS VESSELS OTHER THAN NAVY—Continued.**

QS3	Army cable ships.
QS4	Army mine planters.
QS5	Army engineers' survey vessels.
QS6	Army Lake survey vessels.
QS7	U. S. Maritime commission vessels.
QS7-1	Service training ships.
QS8	Quarantine vessels.
QS9	Lighthouse vessels.
QS10	Immigration vessels.
QS11	Labor department vessels.
QS12	Coast and geodetic survey vessels.
QS13	Coast guard vessels.
QS14	Fish commission vessels.
QS15	Vessels belonging to foreign governments.
QS16	Nautical school ships. (Name title of State to be added.)
QS17	Privately owned yachts.
QS18	Privately owned harbor boats.
QS19	Naval reserve vessels.
QS20	Panama Canal boats.

Further divisions can be made by adding name of vessels.

**QT TARGETS, TARGET SCREENS, TARGET RAFTS, TARGET KITES, AND TARGET HIGH SPEED.****QU GUNNERY TRAINING SHIPS.****QV RADIO STATIONS OTHER THAN NAVY.**

QV1	Government stations other than Navy.
QV2	Commercial.
QV3	Foreign.
QV4	Amateur.
QV5	Commercial radio broadcasting stations.
QV6	Naval reserve radio stations.

**QW WARS.**

QW1	Revolutionary War.
QW2	Naval war with France.
QW3	Tripolitan War.
QW4	War of 1812.
QW5	War with Barbary States.
QW6	War with Mexico.
QW7	Civil War.
QW8	Spanish-American War.
QW9	Philippine Insurrection.
QW10	Boxer Rebellion.
QW11	Second intervention in Cuba.
QW12	Vera Cruz campaign.
QW13	World War.
QW14	Nicaragua intervention.
QW15	Chinese expedition.
QW16	Foreign wars.
QW17	Sino-Japanese.
QW18	Spanish Rebellion.
QW19	European disturbances.

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**QX GEOGRAPHIC DIVISIONS, WATER.**

(For Grand Divisions, Water, see QH.)

Insert the following symbols to represent the various geographic divisions of water not otherwise specifically provided for, and follow with name when exact body of water is to be designated. (For Los Angeles Harbor use QX8—Los Angeles; for San Pedro, Calif., Harbor, use QX8—Los Angeles. The Harbor for Los Angeles is at San Pedro Calif.)

- QX1** Seas.
- QX2** Gulfs and bays.
- QX3** Lakes and lagoons.
- QX4** Sounds, straits and channels (narrows).
- QX5** Inlets; bayous and coves.
- QX6** Rivers, creeks and brooks.
- QX7** Canals.
- QX8** Harbors.
- QX9** Great Lakes—St. Lawrence Deep Waterway.

**QZ STATE NAVAL MILITIAS AND NATIONAL GUARD.**

(To be combined with name title of State in question.)

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## SM MINE-LAYING SUBMARINES.

SM1 Argonaut (ex-SS166).

## SS SUBMARINES.

SS29	H-2 (stricken).	SS87	R-10.
SS30	H-3 (stricken).	SS88	R-11.
SS32	K-1 (stricken).	SS89	R-12.
SS33	K-2 (stricken).	SS90	R-13.
SS34	K-3 (stricken).	SS91	R-14.
SS35	K-4 (stricken).	SS92	R-15.
SS36	K-5 (stricken).	SS93	R-16.
SS37	K-6 (stricken).	SS94	R-17.
SS38	K-7 (stricken).	SS95	R-18.
SS39	K-8 (stricken).	SS96	R-19.
SS41	L-2 (stricken).	SS97	R-20.
SS42	L-3 (stricken).	SS98	R-21 (stricken).
SS44	L-5 (stricken).	SS99	R-22 (stricken).
SS45	L-6 (stricken).	SS100	R-23 (stricken).
SS46	L-7 (stricken).	SS101	R-24 (stricken).
SS48	L-8 (stricken).	SS102	R-25 (stricken).
SS49	L-9 (stricken).	SS103	R-26 (stricken).
SS51	L-11 (stricken).	SS104	R-27 (stricken).
SS52	T-1 (stricken).	SS105	S-1.
SS53	N-1 (stricken).	SS106	S-2 (stricken).
SS54	N-2 (stricken).	SS107	S-3 (stricken).
SS55	N-3 (stricken).	SS109	S-4 (stricken).
SS60	T-2 (stricken).	SS111	S-6 (stricken).
SS61	T-3 (stricken).	SS112	S-7 (stricken).
SS62	O-1 (stricken).	SS113	S-8 (stricken).
SS63	O-2.	SS114	S-9 (stricken).
SS64	O-3.	SS115	S-10 (stricken).
SS65	O-4.	SS116	S-11.
SS66	O-5 (stricken).	SS117	S-12.
SS67	O-6.	SS118	S-13.
SS68	O-7.	SS119	S-14.
SS69	O-8.	SS120	S-15.
SS70	O-9.	SS121	S-16.
SS71	O-10.	SS122	S-17.
SS72	O-11 (stricken).	SS123	S-18.
SS73	O-12 (stricken).	SS124	S-19.
SS74	O-13 (stricken).	SS125	S-20.
SS75	O-14 (stricken).	SS126	S-21.
SS76	O-15 (stricken).	SS127	S-22.
SS77	O-16 (stricken).	SS128	S-23.
SS78	R-1.	SS129	S-24.
SS79	R-2.	SS130	S-25.
SS80	R-3.	SS131	S-26.
SS81	R-4.	SS132	S-27.
SS82	R-5.	SS133	S-28.
SS83	R-6.	SS134	S-29.
SS84	R-7.	SS135	S-30.
SS85	R-8 (stricken).	SS136	S-31.
SS86	R-9.	SS137	S-32.



## SS SUBMARINES—Continued.

SS138	S-33.	SS195	Sealion.
SS139	S-34.	SS196	Searaven.
SS140	S-35.	SS197	Seawolf.
SS141	S-36.	SS198	Tambor.
SS142	S-37.	SS199	Tautog.
SS143	S-38.	SS200	Thresher.
SS144	S-39.	SS201	Triton.
SS145	S-40.	SS202	Trout.
SS146	S-41.	SS203	Tuna.
SS147	H-4 (stricken).	SS204	Mackerel.
SS148	H-5 (stricken).	SS205	Marlin.
SS149	H-6 (stricken).	SS206	Gar.
SS150	H-7 (stricken).	SS207	Grampus.
SS151	H-8 (stricken).	SS208	Grayback.
SS152	H-9 (stricken).	SS209	Grayling.
SS153	S-42.	SS210	Grenadier.
SS154	S-43.	SS211	Gudgeon.
SS155	S-44.	SS212	Gato.
SS156	S-45.	SS213	Greenling.
SS157	S-46.	SS214	Grouper.
SS158	S-47.	SS215	Growler.
SS159	S-48.	SS216	Grunion
SS160	S-49 (stricken).	SS217	Guardfish.
SS161	S-50 (stricken).	SS218	Albacore.
SS162	S-51 (stricken).	SS219	Amberjack.
SS163	Barracuda.	SS220	Barb.
SS164	Base.	SS221	Blackfish.
SS165	Bonita.	SS222	Bluefish.
SS166	Argonaut (now SM 1).	SS223	Bonefish.
SS167	Narwhal.	SS224	Cod.
SS168	Nautilus.	SS225	Cero.
SS169	Dolphin.	SS226	Corvina.
SS170	Cachalot.	SS227	Darter.
SS171	Cuttlefish.	SS228	Drum.
SS172	Porpoise.	SS229	Flying Fish.
SS173	Pike.	SS230	Finback.
SS174	Shark.	SS231	Haddock.
SS175	Tarpon	SS232	Halibut.
SS176	Perch.	SS233	Herring.
SS177	Pickrel.	SS234	Kingfish.
SS178	Permit.	SS235	Shad.
SS179	Plunger.	SS236	Silversides.
SS180	Pollack.	SS237	Trigger
SS181	Pompano.	SS238	Wahoo.
SS182	Salmon.	SS239	Whale.
SS183	Seal.	SS240	Angler.
SS184	Skipjack.	SS241	Bashaw.
SS185	Snapper.	SS242	Bluegill.
SS186	Stingray.	SS243	Bream.
SS187	Sturgeon.	SS244	Cavalla.
SS188	Sargo.	SS245	Cobia.
SS189	Saury.	SS246	Croaker.
SS190	Spearfish.	SS247	Dace.
SS191	Sculpin.	SS248	Dorado.
SS192	Sailfish (ex-Squalus)	SS249	Flasher.
SS193	Swordfish.	SS250	Flier.
SS194	Seadragon.	SS251	Flounder.
		SS252	Gabian.

## SS SUBMARINES—Continued.

SS253	Gunnel.	SS269	Rasher.
SS254	Gurnard.	SS270	Raton.
SS255	Haddo.	SS271	Ray.
SS256	Hake.	SS272	Redfin.
SS257	Harder.	SS273	Robalo.
SS258	Hoe.	SS274	Rock.
SS259	Jack.	SS275	Runner.
SS260	Lapon.	SS276	Sawfish.
SS261	Mingo.	SS277	Scamp.
SS262	Muskallunge.	SS278	Scorpion.
SS263	Paddle.	SS279	Snook.
SS264	Pargo.	SS280	Steelhead.
SS265	Peto.	SS281	Sunfish.
SS266	Pogy.	SS282	Tunny.
SS267	Pompon.	SS283	Tinosa.
SS268	Puffer.	SS284	Tullibee.

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- VB BOMBING PLANES.**
- VF FIGHTING PLANES.**
- VG TRANSPORT (SINGLE ENGINE) PLANES.**
- VH AMBULANCE PLANES (OBSOLETE).**
- VJ GENERAL UTILITY PLANES.**
- VJR UTILITY-TRANSPORT PLANES.**
- VL GLIDERS.**
- VM MISCELLANEOUS PLANES.**
- VN TRAINING PLANES.**
- VO OBSERVATION PLANES.**
- VOS OBSERVATION-SCOUTING PLANES.**
- VP PATROL PLANES.**
- VPB PATROL BOMBING PLANES.**
- VR TRANSPORT (MULTI-ENGINE) PLANES.**
- VS SCOUTING PLANES.**
- VSF SCOUTING-BOMBING PLANES.**
- VSN SCOUT-TRAINING PLANES.**
- VSO SCOUTING-OBSERVATION PLANES.**
- VT TORPEDO PLANES.**
- VTB TORPEDO BOMBING PLANES.**

For various types, and model designations of aircraft see Bureau of Aeronautics model designation of naval aircraft.

To obtain squadron symbols under the above classifications, to the letter "F" add the designation for the class of planes desired and the squadron number. Example:

FVO-1. Observation Squadron 1.

FVPB-3. Patrol Bombing Squadron 3.

(To individualize the YA-YZ class designations, unless otherwise named add thereto the identification number of the particular craft in question.)

**VV AIRCRAFT, GENERAL.**

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## YA ASH LIGHTERS.

## YAG DISTRICT AUXILIARY—MISCELLANEOUS.

YAG1 Tatoosh

## YB BARGES.

## YC OPEN LIGHTERS.

## YCF CAR FLOATS.

## YD FLOATING DERRICKS.

## YF COVERED LIGHTERS.

## YFB FERRYBOATS AND LAUNCHES.

YFB1	Asp (stricken).	YFB280	Inca.
YFB2	Admiral Glass (stricken).	YFB308	Dart (stricken).
YFB3	Berceau.	YFB621	Castro (stricken).
YFB4	Cyane (stricken).	YFB663	Otter.
YFB5	Faithful (stricken).	YFB681	Santa Rita (stricken).
YFB7	Leslie (stricken).	YFB682	Rosal.
YFB8	Navy Yard (stricken).	YFB683	Camia.
YFB10	Wave (stricken).	YFB684	Dapdap.
YFB12	San Felipe.	YFB685	Rivera.
YFB14	Aquidneck.	YFB687	Magdalena.
YFB15	Conanicut.	YFB688	Yacal.
YFB16	Manuwai.	YFB1048	Launch No. 1048 (stricken).
YFB17	Nihoa.	YFB1059	Spray (stricken).
YFB18	Monhegan.	YFB1163	Narragansett.
YFB20	League Island.	YFB2047	Porpoise (stricken).
YFB21	Calistoga.	YFB2079	Shady Side (stricken).
YFB132	Launch No. 132.		

## YG GARBAGE LIGHTERS.

## YH AMBULANCE BOATS.

## YHB HOUSE BARGES.

## YHT HEATING SCOWS.

## YM DREDGES.

## YMD MUD SCOWS.

## YMT MOTOR TUGS.

## YN DISTRICT CRAFT—NET TENDERS.

YN1	Aloe.	YN4	Butternut.
YN2	Ash.	YN5	Catalpa.
YN3	Boxwood (ex-Birch).	YN6	Chestnut.

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## YN DISTRICT CRAFT—NET TENDERS—Continued.

YN7	Cinchona.	YN31	Pepperwood (ex-Walnut).
YN8	Buckeye (ex-Cottonwood).	YN32	Yew.
YN9	Buckthorn (ex-Dogwood).	YN33	Hopocan.
YN10	Ebony.	YN34	Menewa.
YN11	Eucalyptus.	YN35	Oneka.
YN12	Chinquapin (ex-Fir).	YN36	Mahaska.
YN13	Gum-Tree	YN37	Keshena.
YN14	Holly	YN38	Canasatego.
YN15	Elder (ex-Juniper).	YN39	Donacona.
YN16	Larch.	YN40	Mankato.
YN17	Locust.	YN41	Metea.
YN18	Mahogany.	YN42	Okisko.
YN19	Mango.	YN43	Tahchee.
YN20	Hackberry (ex-Maple).	YN44	Tamaha.
YN21	Mimosa.	YN45	Wapasha.
YN22	Mulberry.	YN46	Namontack.
YN23	Palm.	YN47	Cockenoe.
YN24	Hazel (ex-Poplar).	YN48	Katlian.
YN25	Redwood.	YN49	Neswage.
YN26	Rosewood.	YN50	Annawan.
YN27	Sandalwood.	YN51	Metacom.
YN28	Nutmeg (ex-Sycamore).	YN52	Tamaque.
YN29	Teaberry.	YN53	Marin (ex-AMc31; ex-Sparrow).
YN30	Teak.	YN54	Noka.
		YN55	Nawat.
		YN56	Wapello.

## YNg DISTRICT CRAFT—GATE VESSELS.

YNg21 Dreadnaught (ex-YT34).

## YO OIL BARGES.

YO46	Bull Wheel.	YO54	Bailer
YO47	Casing head.	YO55	Gauger.
YO48	Crowblock.	YO56	Pumper.
YO49	Whipstock.	YO61	Driller.
YO53	Roustabout.		

## YOS OIL BARGES, STOWAGE.

## YP DISTRICT PATROL VESSELS.

YP3	Sanda.	YP179	Privateer.
YP4	Stephanotis (ex-Coast Guard Cutter 975).	YP181	Helori (stricken).
		YP185	Clarinda (stricken).
YP6	Milan (ex-Skaneateles).	YP214	Edithia (stricken).
		YP2230	Helenita (stricken).
YP64	Eagle.	YP2840	Herreshoff No. 323 (stricken).
YP69	Patriot (ex-YT127).	YP3234	Browning, Ellen (stricken).
YP93	Zumbrota (stricken).		

## YPD PILE DRIVERS.

## YPK PONTOON STOWAGE BARGES.

## YR FLOATING WORK SHOPS.

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## YRC RESCUE CHAMBERS.

## YS STEVEDORING BARGES.

## YSD SEAPLANE WRECKING DERRICKS.

## YSP SUBMARINE LIFTING PONTOONS.

## YSR SLUDGE REMOVAL BARGES.

## YT DISTRICT TUGS.

YT1	Wahneta (stricken).	YT70	Harbor Tug No. 70 (stricken).
YT2	Iwana.	YT71	Harbor Tug No. 71 (stricken).
YT3	Narkeeta (stricken).	YT72	Harbor Tug No. 72 (stricken).
YT4	Unadilla.	YT73	Harbor Tug No. 73 (stricken).
YT5	Samosef.	YT77	Harbor Tug No. 77 (stricken).
YT6	Penacock.	YT81	Harbor Tug No. 81 (stricken).
YT7	Pawtucket.	YT104	Banaag.
YT8	Pentucket (stricken).	YT106	Christine (stricken).
YT9	Sotoyomo.	YT107	Iona.
YT10	Triton (stricken).	YT108	Mercedes.
YT12	Cayuga (stricken).	YT111	Delaware (stricken).
YT13	Hercules (stricken).	YT112	Active.
YT14	Lively (stricken).	YT113	Diligent (stricken).
YT15	Massasoit (stricken).	YT114	Choctaw (ex-Samp- son) (stricken).
YT16	Modoc.	YT115	Reindeer.
YT17	Mohawk.	YT116	Vaga.
YT18	Nottoway.	YT119	Geronimo.
YT22	Rocket (stricken).	YT120	Stallion.
YT23	Sebago (stricken).	YT121	Arapaho (stricken).
YT24	Tecumseh.	YT122	Tillamook (ex-AT16)
YT25	Vigilant (stricken).	YT123	Wando (ex-AT17)
YT26	Wicomico (stricken).	YT124	Chemung (stricken).
YT27	Wompatuck.	YT125	Undaunted (now AT58).
YT28	Advance (stricken).	YT126	Challenge (ex-At59).
YT29	Barnett (stricken).	YT127	Patriot (now YP69).
YT31	Saco (stricken).	YT128	Powhatan.
YT32	Catawba.	YT129	Osceola.
YT33	Muscotah (stricken).	YT131	Massasoit.
YT34	Dreadnaught (now YNg21).	YT133	Narkeeta.
YT35	Nauseit (stricken).	YT134	Wahneta.
YT36	Choptank.	YT135	Cahokia.
YT39	Navigator.	YT136	Tamoroa.
YT42	Penobscot.	YT137	J. M. Woodworth (stricken).
YT45	Wooley, James (stricken).	YT138	Woban.
YT49	Harbor Tug No. 49 (stricken).	YT139	Ala.
YT50	Harbor Tug No. 50 (stricken).	YT140	Wahtah.
YT55	Harbor Tug No. 55 (stricken).	YT141	Heekon.
YT56	Harbor Tug No. 56 (stricken).	YT142	Nokomis (ex-PY6).
YT68	Harbor Tug No. 68 (stricken).	YT145	Montezuma.
YT69	Harbor Tug No. 69 (stricken).		

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## YT DISTRICT TUGS—Continued.

YT146	Hoga.	YT172	Sparrow (ex-AN31)
YT147	Tazha.		(now YN53 Marin).
YT148	Wenonah.	YT173	Manistee.
YT149	Toka.	YT174	Allaquippa.
YT150	Woyot.	YT175	Chekilli.
YT151	Konoka.	YT176	Junaluska.
YT170	Alloway.	YT187	Canonicus.
YT171	Yaquima.		

## YTT TORPEDO-TESTING BARGES.

## YV SEAPLANE BARGES.

## YW WATER BARGES.

## YX UNCLASSIFIED YARD CRAFT (NOW IX).

YX1	Advance-base Lighter No. 1 (stricken).
YX2	Advance-base Lighter No. 2 (stricken).
YX3	Advance-base Lighter No. 3 (stricken).
YX4	Advance-base Lighter No. 4 (stricken).
YX5	Ahdeek (stricken).
YX6	Argo (stricken).
YX7	Boxer (stricken).
YX8	C. T. B. No. 6; (ex-Morris) (stricken).
YX9	Estelle (stricken).
YX10	Favorite (now IX45).
YX11	Grampus (stricken).
YZ12	Hermes (stricken).
YX13	Herreshoff No. 308 (stricken).
YX14	Hylan, John F.
YX15	Power Float No. 24 (stricken).
YX16	Power Float No. 25 (now YSR2).
YX17	Robert Center (stricken).
YX18	Traffic (stricken).
YX19	Transfer (now IX46)
YX20	Goliah.
YX22	Advance-base Lighter No. 5.
YX23	Vamarie (now IX47).
YX24	Fueling barge No. 10 (Now YR19) (stricken).

## YY YARD CRAFT.

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**ZK KITE BALLOONS.**

**ZN NONRIGID AIRSHIPS.**

**ZM BARRAGE BALLOONS.**

**ZMQ MARINE BARRAGE BALLOON SQUADRONS.**

**ZR RIGID AIRSHIPS.**

**ZR1 Shenandoah (stricken).**  
**ZR3 Los Angeles (stricken).**  
**ZR4 Akron (stricken).**  
**ZRS5 Macon (stricken).**  
**ZRMC2**

**ZZ LIGHTER-THAN-AIR AIRCRAFT.**

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 S74-1 Accidents and errors in machining forgings, anti-aircraft guns.  
 S72-4 Accidents and errors, turret-gun forgings.  
 P2 Accidents, personnel.  
 L20-1 Accommodations, travel.  
 A17-15 Accomplice, an (courts-martial).  
 L11 Accountability and custody of material.  
 ON13 Accounting officers ashore.  
 L10 Accounts and accounting.  
 ES13 Accounts, Bureau of, State Department.  
 EA16 Accounts and Disbursements, Bureau of, Department of  
 Agriculture.  
 EJ7 Accounts, Division of, Department of Justice.  
 A5-7 Accounts, engineering performances.  
 S79-4 Accoutrement lockers, landing force.  
 P18-1 Accrued leave.  
 N5-25 Accumulator and air flask shops.  
 S49 Accumulators, air compressor.  
 N8-2 Accumulators, air flasks, torpedo, laboratories for  
 A17-14 Accused (courts-martial).  
 F38-1 Acetate, finish.  
 N26-4 Acetylene distribution.  
 N23-5 Acetylene and oxyacetylene plants (generating plants, not  
 structures).  
 N7-5 Acetylene and oxyacetylene plants (structures).  
 P10-3 Acey-ducey.  
 N23-2 Acid plants, nitric (generating plants, not structures).  
 N7-2 Acid plants, nitric, structures.  
 N6-57 Acid shed.  
 F44-2 Acids and chemicals, photography.  
 S85 Acids and chemicals, photographic.  
 AMc61 **ACME.**  
 S76-1 Acoustic, mines.  
 S81-9 Acoustic mine sweeping.  
 N19-15 Acoustics, buildings.  
 P1-4 Acquisition of citizenship.  
 L8-3 Acquisition, procurement by.  
 A17-7 Acquittals, Government personnel to Federal authorities.  
 A17-7 Acquitted, men by civil authorities.  
 P6-1 Action, casualties.  
 A2 Action, Executive.  
 L8-2 Action taken on requisitions.  
 A17-5 Actions, law and justice.  
 YT112 **ACTIVE.**  
 P14-2 Active appointments.  
 P16-3 Active duty.  
 A8-5 Activities, foreign.  
 P9-1 Activities, political.  
 ND17 Activities on the Potomac and Severn Rivers.  
 A16-3 Activities, warfare.  
 L11-1 Acts of God.  
 P15 Acts, heroic or distinguished.  
 L10-5 Acts of July 11, 1919, and April 21, 1922, relief from.  
 A18-2 Acts and resolutions, legislation.  
 L10-3 Actual cost and estimated (accounting).  
 S81-8 Acuity tester, fire control.  
 S71-8 Acuity, (optical) range taker, testers.  
 AT63 **ACUSHNET.**

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AMc62 **ADAMANT.**  
 AP38 **ADAMS, PRESIDENT.**  
 S78-1 Adamsite ammunition adapters.  
 S73-3 Adapters, sight, broadside guns.  
 S72 Adapters, turret guns, sights.  
 P3-2 Addicts, drug.  
 S32-9 Adding machines.  
 N36-4 Adding machines.  
 P16 Additional duty and employees.  
 P17-1 Additional numbers (rank, precedence).  
 P1-2 Address, home and change of.  
 A6-4 Addresses, mail.  
 P7 Addresses and names of relatives (domestic relations).  
 A15-2 Addresses (speeches).  
 EF13-6 Aden (British).  
 P9-1 Adherence or leanings, political.  
 L2-1 Adherence to specifications, (logistic).  
 L6-2 Ad interim payments.  
 S71-8 Adusters, range-finders.  
 S47 Adjusting and ballast pumps (submarine).  
 S29-1 Adjusting or equilibrium.  
 S72-6 Adjusting rings, turret guns.  
 S48-1 Adjusting tanks.  
 L4-3 Adjustments under contracts (purchasing).  
 P16-3 Adjutant and assistant adjutant, detail of (assignment and detail).  
 EW9 Adjutant General, Army.  
 KS2 Adjutant and inspector, assistant, San Francisco, Calif., Marine Corps.  
 KS1 Adjutant and inspector, Marine Corps.  
 S29-11 Admeasurement, certificate of.  
 A Administration group.  
 HY Administration, emergency organization.  
 N3 Administration structures.  
 L10 Administrative examination and analysis of accounts and expenses for (accounting).  
 S2 Administrative expense.  
 S32-1 Administrative and fleet offices.  
 OF Administrative officers afloat.  
 ON Administrative officers ashore.  
 A2-2 Administrative pamphlets.  
 LO Administrative service (civilian).  
 YFB2 **ADMIRAL GLASS** (stricken).  
 OL1 Admirals.  
 P16-3 Admiral's aides.  
 JE1 Admiral's mess.  
 S32-1 Admiral's office.  
 A17-3 Admiralty law.  
 P16-3 Admission to and discharge from hospitals.  
 P14-2 Admission, examination for (appointment).  
 A17-15 Admissions, Law, Justice.  
 P13-9 Admonition, letters of, punishment.  
 AMS2 **ADROIT.**  
 YT28 **ADVANCE** (stricken).  
 AMc63 **ADVANCE** (new).  
 YX Advance base lighters.  
 KA Advance bases, marine.  
 L6-2 Advance of money to contractors.  
 L16-4 Advance pay.

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L6-2 Advance payment.  
 FF13-17 Advanced carrier training group, Atlantic Fleet.  
 FF12-17 Advanced carrier training group, Pacific Fleet.  
 A5-1 Advanced practices, gun exercise.  
 L4-3 Advances of materials (purchasing).  
 AMS3 **ADVENT.**  
 P13-2 Adventurers and imposters.  
 L3 Advertising.  
 P11-1 Advisers, educational.  
 HK Advisory Committee for Aeronautics, National.  
 EN1-19 Advisory council, Secretary of the Navy.  
 H2-16 Aerial beacons.  
 A16-3 Aerial bombing and gas, warfare.  
 S85 Aerial and ground photography.  
 N39-2 Aerial ladders, miscellaneous equipment, etc., landing field.  
 F44-3 Aerial photographs.  
 L21-4 Aerial shipments.  
 F41-10 Aerial, targets: fixed and moving.  
 S75-1 Aerial torpedoes.  
 L20-1 Aerial transportation (personnel).  
 A16 Aerial warfare: gas, bombing, spraying of liquids.  
 H4-4 Aerographs.  
 NV Aerographers, aviation.  
 N10-6 Aerographic huts.  
 N10-10 Aerological building.  
 S87 Aerological equipment.  
 H4-8 Aerological forms.  
 OV3 Aerological officers.  
 S32-6 Aerological, powder, engineers, etc., laboratories and testing rooms.  
 H4 Aerology, meteorology and equipment.  
 NC107 Aeronautical engineering naval training schools (officers).  
 EC17 Aeronautics, Assistant Secretary for, Department of Commerce.  
 EN11 Aeronautics, Bureau of.  
 EU Aeronautics Commission, Civil Authority.  
 HK Aeronautics, National Advisory Committee for.  
 P3-3 Affairs, social.  
 P7 Affections, alienation of.  
 A17-15 Affidavits, court-martial.  
 P9-1 Affiliations, political.  
 AMc112 **AFFRAY.**  
 P13-2 Affray (misconduct and discipline).  
 P13-2 Affront against sentinel or noncommissioned officer of a guard.  
 EF2 Afghanistan.  
 QG1-1 Africa.  
 L10-2 Afloat, supply accounting, method of.  
 S75-1 After bodies, torpedo.  
 PYc4 **AGATE.**  
 P1-3 Age and birth.  
 P19-2 Age in grade, retirement.  
 P14 Age limit, appointment.  
 L4-2 Agencies (purchasing).  
 L18 Agencies, selling.  
 L4-2 Agents for bidding (purchasing).  
 L12-2 Agents, fiscal, investments.  
 A17-6 Agents, legal matters.  
 A8-4 Agents, Secret Service.

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**AMc64** **AGGRESSOR**  
**AMc111** **AGILE.**  
**L4-3** Agreements (contracts).  
**A14-7** Agreements, international; awards; protocols.  
**EA** Agriculture, Department of.  
**YX5** **AHDEEK** (stricken).  
**P16-3** Aides, admirals'.  
**P13-8** Aiding or enticing other to desert.  
**N20** Aids, navigational, and moorings (structures only).  
**F32-3** Aileron control.  
**F11-2** Ailerons.  
**S86** Aiming apparatus, instruction.  
**EN2-2** Air, Assistant Secretary of Navy for.  
**S49-3** Air banks.  
**NA** Air bases, naval.  
**S48-23** Air chambers, piping.  
**S51-3** Air cocks, boiler.  
**JC11** Air, compressed.  
**S41** Air compressor cylinders, main propelling machinery.  
**S49** Air compressors.  
**S38-3** Air conditioning.  
**N10-8** Air conditioning and humidifying plants.  
**NA3-3** Air detail, Annapolis, Md.  
**F24-4** Air distributor and starter.  
**S61** Air ducts and air washers, generator cooling systems.  
**S28-2** Air ducts, piping, etc.  
**S46-4** Air ejectors, evacuators and occulators.  
**S75-3** Air and electric hoists in torpedo room.  
**S48-9** Air escapes (vents) and sounding tube, piping.  
**S75-1** Air flask forgings, torpedo.  
**N5-25** Air flasks and accumulator shops.  
**N8-2** Air flasks and accumulators, torpedo, laboratories for.  
**S38-1** Air flow meters, ventilating, testing.  
**FE14** Air forces.  
**S87** Air gauges.  
**FG** Air groups.  
**N5-67** Air hose shop.  
**S41** Air intakes and headers, main propelling machinery.  
**S65-5** Air lock indicators.  
**S38-1** Air louvres.  
**A6-4** Air mail.  
**EP7** Air Mail Service, Post Office Department.  
**F39-3** Air, marking for piping.  
**S24-9** Air motor (ship control).  
**H3-10** Air navigation, obstructions to.  
**F28-2** Air, piping condensers.  
**S49** Air plant compressed.  
**P2-4** Air pollution (preventive medicine).  
**S87** Air-pressure gauges.  
**S46** Air pumps, condensing.  
**S47** Air pumps, evaporator.  
**S38-1** Air purifiers.  
**S77-2** Air purifiers, gas and smoke warfare.  
**S55-4** Air registers and shutters, fuel oil.  
**S56-3** Air removers, feed water.  
**H1-23** Air routes.  
**F18-5** Air scoops.  
**F25-2** Air scoops, temperature control.  
**S72-3** Air seals, gunport, turret.

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A21 Air Services (administration).  
 EW18 Air Service, Army, Chief of.  
 L21-1 Air shipments.  
 F31 Air-speed instruments.  
 S41 Air starting apparatus, main propelling machinery.  
 N39 Air-station equipment.  
 NA Air stations, naval.  
 S75-1 Air sustained gyros, torpedo.  
 N26-1 Air systems, shore.  
 F31-4 Air-temperature thermometer.  
 S29-8 Air-testing pump.  
 S11-5 Air-tight, bulkheads structural.  
 S16-3 Air-tight doors.  
 S75-2 Air, water gauges, torpedo.  
 A5-14 Aircraft and balloon races.  
 FF2-3 Aircraft, Battle Force, U. S. Fleet (obsolete).  
 FF12-5 Aircraft, Battle Force, Pacific Fleet.  
 CV Aircraft carriers.  
 L11-1 Aircraft, damage done by.  
 A4-3 Aircraft employment, operations, commissioning.  
 N5 Aircraft-engine and erecting shop.  
 F2 Aircraft, expense administration.  
 NP11 Aircraft factory, Philadelphia, Pa.  
 F34 Aircraft furnishings.  
 VV Aircraft, general.  
 VB-VT Aircraft, heavier-than-air.  
 ZK-ZZ Aircraft, lighter-than-air.  
 F Aircraft material group.  
 A4 Aircraft, operations of vessels or aircraft.  
 F41 Aircraft Ordnance.  
 A5-1 Aircraft practices.  
 ARV Aircraft repair ships.  
 FF12-9 Aircraft, Scouting Force, Pacific Fleet.  
 L8-4 Aircraft, servicing of, on flights.  
 F48 Aircraft, special equipment.  
 FV Aircraft squadrons.  
 FF13-2 Aircraft squadrons, Atlantic Fleet. (Obsolete, see FV.)  
 FF2-3 Aircraft squadrons, Battle Fleet. (Obsolete, see FV.)  
 FF3-4 Aircraft squadrons, Scouting Fleet. (Obsolete, see FV.)  
 N39 Aircraft station equipment.  
 H1-18 Aircraft surveys.  
 AV Aircraft tender, heavier-than-air.  
 AZ Aircraft tenders, lighter-than-air.  
 S75-1 Aircraft torpedoes.  
 APV Aircraft transports.  
 NE16 Aircraft trial courses.  
 S16-6 Airlocks.  
 N10-2 Airplane, aviation structure.  
 S24-11 Airplane control station.  
 N8-10 Airplane engine laboratories.  
 S17-1 Airplane handling crane and gear.  
 S83 Airplane handling and stowage on ships.  
 F39 Airplane, insignia and marking.  
 S71-3 Airplane periscopes.  
 N6-2 Airplane storehouses.  
 L11-8 Airplanes, commercial, care and storage of.  
 S12-3 Airports and air port scoops.  
 P10-4 Airs, musical and patriotic.  
 N10-1 Airships hangars.

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S84 Airship, kite and balloon handling and stowage.  
 ZN Airships, nonrigid.  
 ZR Airships, rigid.  
 AC14 **AJAX (ex-AG15)** (stricken)  
 AR6 **AJAX** (new)  
 EN11-11 Akron, Ohio, inspector of naval aircraft.  
 YT139 **ALA.**  
 BB60 **ALABAMA.**  
 EG2 Alabama.  
 EN9-32 Alabama D. D. & S. B. Co., Mobile, Alabama, Navy cost  
 inspector.  
 KP51 Alameda, Calif., marine barracks.  
 NA27 Alameda, Calif., naval air station.  
 EN9-70 Alameda, Calif., Navy cost inspector, General Engineering  
 & D. D. Co.  
 EN25-40 Alameda, Calif., supervisor of shipbuilding, Pacific Coast  
 Engineering Co.  
 LE1-6 Alameda, Calif., U. S. Maritime Service Training Station.  
 S65 Alarm systems, audible signal systems (interior-communic-  
 ation apparatus).  
 N28-5 Alarm systems, military.  
 A6-1 Alasiatic messages.  
 CB1 **ALASKA.**  
 EG3 Alaska.  
 EI24 Alaskan Engineering Commission.  
 EI27 Alaskan railroads.  
 HH Alaskan Road Commissioners.  
 A6-1 Alatl messages.  
 SS218 **ALBACORE.**  
 EF3 Albania.  
 CL23 **ALBANY** (stricken).  
 CA72 **ALBANY** (new).  
 NL5 Albany, N. Y., recruiting station.  
 AM71 **ALBATROSS.**  
 AV5 **ALBERMARLE.**  
 AK23 **ALCHIBA.**  
 JJ7-7 Alcohol, fuel.  
 P13-2 Alcohol, illegal possession, selling, smuggling, etc.  
 S30-5 Alcohol (bulk) storage.  
 S87 Alcohol-testing hydrometers.  
 L14-2 Alcohol, withdrawing from bond.  
 P13-2 Alcoholic liquor, use of.  
 AG34 **ALCOR.**  
 AK24 **ALCYONE.**  
 AF10 **ALDEBARAN.**  
 DD211 **ALDEN.**  
 APL1 **ALEXANDER, ADMUND P.**  
 EN6-19 Alexandria, Va., inspector of ordnance.  
 KP1 Alexandria, Va., marine post.  
 NP2 Alexandria, Va., Washington, D. C. Navy Yard, naval tor-  
 pedo station.  
 EF28-4 Algeria (French).  
 EN9-118 Algiers, New Orleans, La., navy cost inspector, Todd-  
 Johnson D. D. Co.  
 NM20 Algiers, New Orleans, La., navy receiving station.  
 LE3-2 Algiers, New Orleans, La., U. S. Maritime Commission  
 Cadet Schools.  
 AK25 **ALGORAB.**  
 AT34 **ALGORMA.**

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AK26 **ALHENA.**  
 P1 Alias, alien.  
 S71-8 Alidade, fire control.  
 S24-7 Alidades.  
 A8-5 Alien enemies.  
 HB Alien Property Custodian.  
 P7 Alienation of affection.  
 P14 Aliens, employment and enlistment of.  
 S75-2 Alignment of torpedo tubes.  
 P7 Alimony.  
 YT174 **ALLAQUIPPA.**  
 AT19 **ALLEGHENY.**  
 DD66 **ALLEN.**  
 AP30 **ALLEN, HENRY T.**  
 N4-10 Alley, bowling.  
 S43-2 Alleys, shaft.  
 A14-7 Alliances; allies, international.  
 EE9 Allocations board and supply priorities.  
 A16-1 Allocations for national defense.  
 P16-1 Allotment of personnel.  
 L1 Allotments, estimates and appropriations.  
 L16-6 Allotments of pay.  
 A5 Allowance, ammunition gunnery exercise; engineering performance.  
 P10-2 Allowances for entertainment, enlisted men.  
 L16 Allowances, money, ration, subsistence and other.  
 L7 Allowances, stock.  
 L20-5 Allowances, travel.  
 L1-2 Allowances to vessels, money, quarterly.  
 YT170 **ALLOWAY.**  
 A5-7 Allowed speed, engineering performance.  
 AK27 **ALMAACK.**  
 A10-5 Almanacs and calendars (except nautical).  
 A6-1 Alnav messages, Alnavsta messages.  
 YN2 **ALOL.**  
 A6-1 Alpac messages.  
 NR59 Alpena, Mich., radio traffic station.  
 AD11 **ALTAIR.**  
 F2-3 Alteration expense.  
 L9-3 Alterations, repairs and overhaul (care and preservation).  
 L12-1 Altered, destroyed, or canceled checks.  
 P14-2 Alternate appointments (personnel).  
 S61 Alternators, turbo.  
 F31-1 Altimeter.  
 F21-3 Altitude adjustment control levers, engine.  
 F41-8 Altitude, high and low, bomb sights.  
 IX5 **ALTON** (stricken).  
 JJ46-6 Aluminum and alloys.  
 S71-8 Aluminum castings.  
 F18-6 Aluminum foil.  
 NR9 Amagansett, N. Y., radio traffic station.  
 NX12 Amagansett, N. Y., radio direction finder station.  
 A3-1 Amalgamation (organization and management).  
 QV4 Amateur radio stations.  
 ES18 Ambassadors, Department of State.  
 PYc6 **AMBER.**  
 SS219 **AMBERJACK.**  
 P1-6 Ambition (habits and character).  
 YH Ambulance boats.

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VH Ambulance plane.  
 N33-3 Ambulances.  
 N9-1 Ambulant wards.  
 A16-3 Ambush (war).  
 A6-6 Amendments, records.  
 IX41 **AMERICA.**  
 GK American Bureau of Shipping.  
 L21-1 American bottoms, shipment in.  
 EN7-28 American Car & Foundry Co., Wilmington, Del., superin-  
 tending constructor.  
 EN25-5 American Car & Foundry Co., Wilmington, Del., supervisor  
 of shipbuilding.  
 KP146 American Embassy, London, England, marine detachment.  
 EB3 American Ethnology, Bureau of.  
 AP35 **AMERICAN LEGION.**  
 EN9-179 American Locomotive Co., Dunkirk, N. Y., navy cost  
 inspector.  
 EN9-106 American Locomotive Works, Chicago Heights, Ill., Navy  
 cost inspector.  
 HJ American National Red Cross.  
 EN9-100 American Oerlikon Gazda Co., Providence, R. I., navy  
 cost inspector.  
 EN6-38 American Oerlikon Gazda Co., Providence, R. I., inspector  
 of ordnance.  
 EN9-166 American Pulley Co., Philadelphia, Pa., navy cost  
 inspector.  
 EN25-21 American S. B. Co., Cleveland, Ohio, supervisor of ship-  
 building.  
 EN25-27 American S. B. Co., Lorraine, Ohio, supervisor of ship-  
 building.  
 EN9-174 American Tool Works Co., Cincinnati, Ohio, navy cost  
 inspector.  
 EN9-138 Amertop Corp., Chicago, Ill., navy cost inspector.  
 PYc3 **AMETHYST.**  
 DD35 **AMMEN** (stricken).  
 DD527 **AMMEN** (new).  
 F36-12 Ammeters.  
 S69 Ammeters.  
 JC4 Ammonia.  
 S59-1 Ammonia ice machine.  
 S78-1 Ammonium picrate ammunition.  
 A5-1 Ammunition allowance, gunnery exercises.  
 S72-10 Ammunition cars, turret.  
 NT1 Ammunition depots.  
 S86-3 Ammunition, dummy.  
 S78 Ammunition, handling and storage (except turrets).  
 S72-10 Ammunition hoists, supply, cars, turret.  
 YF Ammunition lighters.  
 F41 Ammunition, ordnance.  
 AE Ammunition ships.  
 S76-2 Ammunition, Y gun, depth charges.  
 A14-7 Amnesty, political relations, international.  
 L10-6 Amortization.  
 FE25 Amphibian force (vessels).  
 F13-11 Amphibian, shock absorbers.  
 KP142 Amphibian Tractor Detachment, Dunedin, Fla., Marine  
 Corps.  
 F42-1 Amplifier, radio (aircraft).  
 CL59 **AMSTERDAM.**

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N4-8 Amusement and recreational buildings.  
 NP15 Anacostia, D. C., aircraft radio laboratory.  
 NA6 Anacostia, D. C., naval air station.  
 NA44 Anacostia, D. C., Naval Reserve Aviation base.  
 NC30 Anacostia, D. C., Pigeon Training School.  
 NR30 Anacostia, D. C., radio traffic station.  
 NX18 Anacostia, D. C., radio direction-finder station.  
 L5-1 Analyses, materials.  
 A5-7 Analyses of performance, engineering performance.  
 L10-6 Analysis and adjustment of charges and prices (accounting).  
 P9-2 Anarchists, Anarchy.  
 P4-5 Anatomy.  
 S65-4 Anchor gongs and pulls.  
 F36-10 Anchor lights.  
 S64-5 Anchor lights, electric.  
 S26 Anchor, mooring and appliances.  
 N6-17 Anchor storehouse.  
 H2-1 Anchorage, arrangements for.  
 H1-1 Anchorages and harbors.  
 N16-7 Anchorages, floating dry docks.  
 F45-1 Anchors.  
 S26 Anchors, appliances, telegraph.  
 S81-1 Anchors and lines, buoy, mine channel marking.  
 S76-1 Anchors, mine.  
 N20-6 Anchors for moorings.  
 H2-1 Anchors, mooring, navigation.  
 N20-12 Anchors, nets, chains, etc. for submarine defense.  
 EF13-12 Andaman Islands.  
 DD411 **ANDERSON.**  
 EF28-1 Andorra (French).  
 PYc11 **AMDRADITE.**  
 H4-4 Anemographs and anemometers.  
 S65-4 Anemometer indicator system.  
 S24-7 Anemometers, masthead.  
 S38-1 Anemometers, ventilating.  
 S24-7 Aneroid, manometers.  
 P3-2 Anesthetics.  
 A5-9 Angle of fall, projectile; angle fire data.  
 S71-8 Angle-fire corrector, fire-control.  
 F32-5 Angle of incidence wing form control.  
 S71-4 Angle, (torpedo) salver.  
 SS240 **ANGLER.**  
 S11-6 Angles, stringer, deck.  
 S73-2 Angles of train and elevation broadside mounts.  
 EF13-37 Anglo-egyptian Sudan.  
 EF30 Anhalt.  
 N8-13 Animal house, hospital laboratories.  
 EA9 Animal Industry, Bureau of, Department of Agriculture.  
 S30-1 Animal pens.  
 P13-2 Animals, mistreatment of.  
 QI Animals other than domestic.  
 EF28-3 Annam.  
 IXI **ANNAPOLIS (ex-PG10) (stricken).**  
 NC105 Annapolis, Md., aviation radio school.  
 NC82 Annapolis, Md., Diesel School (EFS).  
 NP16 Annapolis, Md., engineering experiment station.  
 KP2 Annapolis, Md., marine post.  
 NR24 Annapolis, Md., Naval Academy radio traffic station.  
 NA33 Annapolis, Md., naval air detail.

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NH7 Annapolis, Md., Naval Hospital.  
 NC55 Annapolis, Md., Naval Institute.  
 NC4 Annapolis, Md., postgraduate school.  
 NR23 Annapolis, Md., radio station.  
 EN25-33 Annapolis, Md., supervisor of shipbuilding, Annapolis Yacht Yard.  
 NC2 Annapolis, Md., United States Naval Academy.  
 EN25-33 Annapolis Yacht Yard, Annapolis, Md., supervisor of shipbuilding.  
 YN50 **ANNAWAN.**  
 S78-1 Annealing cartridge case ammunition.  
 A14-7 Annexation of territory.  
 A15-2 Anniversaries (not legal holidays).  
 P14-2 Announcement of appointment.  
 A7-1 Announcements, publicity.  
 AM84 **ANNOY.**  
 L13 Annual bonds and guaranties (insurance and bonding).  
 H4-11 Annual report data, aerological.  
 A9-1 Annual reports.  
 L8-2 Annual supply requisitions.  
 L13-2 Annuities.  
 P19-6 Annulment of contract (personnel).  
 A17-5 Annulments, law and justice.  
 N28-4 Annunciator systems.  
 S65-4 Annunciators. (See bells.)  
 F38-3 Anodic finishing process.  
 A6-4 Anonymous mail.  
 AS21 **ANTAEUS.**  
 QG4 Antarctic regions.  
 AKS3 **ANTARES (ex-AG10).**  
 P14-2 Antedating appointments.  
 S75-1 Antenna, aerial torpedo.  
 S67 Antenna systems, radio.  
 S76-1 Antennae, mine.  
 F42-1 Antennae, radio.  
 S67 Antennae, radio.  
 DM12 **ANTHONY (stricken).**  
 DD515 **ANTHONY (new).**  
 S71-3 Antiaircraft battery control.  
 S78-1 Antiaircraft fuses, projectiles, ammunition.  
 S74 Antiaircraft guns.  
 JJ46-7 Antiatrition metals.  
 S75-1 Anticircular run device, torpedo.  
 F38-2 Antifouling paints.  
 JJ46-7 Antifriction metals.  
 F23-1 Anti-icing devices on propeller.  
 F45-2 Anti-icing equipment.  
 KP152 Antigua, Leeward Islands, marine detachments.  
 NA73 Antigua, Leeward Islands, naval air station.  
 NH41 Antigua, naval dispensary.  
 S29-4 Antirolling tanks.  
 S24-9 Antiscopes.  
 P2-3 Antitoxins.  
 S92 Anvils.  
 AT67 **APACHE.**  
 S71-8 Apparatus, appliances, fire control.  
 S93 Apparatus, breathing, rescue, fire.  
 S94 Apparatus, diving and submarine rescue.  
 N6-21 Apparatus, electrical, storehouse for.

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S86 Apparatus, instruction and practice.  
 P3-2 Apparatus, remedial for smoke and gas treatment.  
 S24-7 Apparatus and sounding machine.  
 S65-7 Apparatus, spaces, interior-communication.  
 N32 Apparatus, weighing and testing (including structures).  
 P13-10 Appeals from punishment.  
 A17-5 Appeals, Law and Justice.  
 P1-5 Appearance (physical description).  
 A17-4 Appellate courts.  
 S71-8 Appliances and apparatus, fire control.  
 S27 Appliances and cargo handling.  
 F36-5 Appliances, lighting.  
 S25 Appliances and towing.  
 S62-2 Appliances and wiring for switchboards and power leads.  
 F14-4 Applicants for enlistment, rejection of (appointment).  
 S63 Application, electric power.  
 P14-1 Application for appointment.  
 L13-2 Applicants for insurance.  
 A13-2 Applications for patents.  
 P14-2 Appointees, black list of.  
 P14 Appointment.  
 EC3 Appointment division, Department of Commerce.  
 EN1-12 Appointment division, Navy Department.  
 ES15 Appointments, bureau of, State Department.  
 L11-2 Appraisals.  
 L11 Appreciation, depreciation and disposition.  
 P13 Apprehension and delivery of deserters and stragglers.  
 ML12 Apprentice, Marine Corps.  
 N4-9 Apprentice school building.  
 P14-4 Apprentices, enlistment of.  
 L8-2 Appropriation, changes on requisitions.  
 JL Appropriation, purchase account material (A. P. A.).  
 L1 Appropriations, estimates, and allotments.  
 L8-2 Approval in advance of requisitions.  
 L4-2 Approval on bids prior to awards (purchasing).  
 P16-4 Approval of orders (to personnel).  
 L4-3 Approval of purchase orders.  
 PYc7 **AQUAMARINE.**  
 YFB14 **AQUIDNECK.**  
 AK47 **AQUILA.**  
 EF4 **ARABIA.**  
 PY7 **ARAMIS** (stricken).  
 AT14 **ARAPAHO** (stricken).  
 YT121 **ARAPAHO** (stricken).  
 AT68 **ARAPAHO** (new).  
 S71-8 Arbitrary deflection transmitters.  
 A14-4 Arbitration, international relations.  
 S76-2 Arbors, depth charge.  
 S67 Arc telegraph systems (radio).  
 S92 Arc-welding outfits.  
 S51 Arch, cheek, and dead plates, boiler.  
 GL1 Architect, United States Capitol.  
 NC109 Architecture naval training schools (officers).  
 QO2-2 Archives building.  
 A6-6 Archives, records.  
 S72-7 Arcs: arc slides, turret-gun sights.  
 S73-2 Arcs and arc slides, broadside mounts.  
 AF7 **ARCTIC.**  
 QG3 Arctic regions.

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AK18 **ARCTURUS.**  
 F1-2 Area calculations design.  
 EN9-13 Area coordinator, Army Corps.  
 N1-1 Areas, grounds.  
 AO7 **ARETHUSA** (stricken).  
 KP135 Argentia, Newfoundland, Marine Detachment.  
 NA69 Argentia, Newfoundland, naval air station.  
 NH36 Argentia, Newfoundland, naval dispensary.  
 NB32 Argentia, Newfoundland, naval operating base.  
 NB98 Argentia, Newfoundland, section base.  
 EF5 Argentine Republic.  
 YX6 **ARGO** (stricken).  
 SM1 **ARGONAUT** (ex-SS166).  
 AG31 **ARGONNE** (ex-AS10; ex-AP4).  
 A17-14 Argument, courts-martial.  
 PY14 **ARGUS.**  
 BB39 **ARIZONA.**  
 EG4 Arizona.  
 BB33 **ARKANSAS.**  
 EG1 Arkansas.  
 HW Arlington Memorial Amphitheater Commission.  
 NR26 Arlington, Va., radio traffic station.  
 EN6-25 Arma Engineering Co., Brooklyn, N. Y., inspector of ord-  
 nance.  
 A14-7 Armaments, limitation of.  
 F21-1 Armature, magneto, engine.  
 S61 Armatures, dynamos.  
 A14-6 Armed forces, passage of through foreign territory.  
 P16-5 Armed guards.  
 EF6 Armenia.  
 A14-1 Arming of merchant vessels.  
 A16-2 Arming of merchant vessels, war.  
 F41-7 Arming and safety devices.  
 A16-3 Armistice (war).  
 S13 Armor.  
 S11 Armor, guns, shelf turrets, foundations (ordnance).  
 F41-13 Armor and protective materials.  
 S78-1 Armor-piercing projectiles, ammunition.  
 N12-1 Armories.  
 N12-1 Armory and drill halls.  
 S79-4 Armory, small arms.  
 F41-11 Arms and equipment, small.  
 F21-1 Arms, rocker, engine.  
 S79 Arms, small and equipment field and machine guns.  
 QA Army.  
 A21-3 Army Air Service.  
 P1-7 Army deserters.  
 A17-12 Army jurisdiction to try person in Navy (courts-martial).  
 EW14 Army Medical Library and Museum.  
 EY Army and Navy Board (Joint).  
 P17-1 Army and Navy officers, precedence of command.  
 EW12 Army, Quartermaster General.  
 P17-3 Army Register.  
 A2-6 Army Regulations.  
 P16-3 Army and riot duty.  
 EW28 Army schools.  
 QS Army ships.  
 AK44 **AROOSTOCK** (ex-CM3).  
 A17-14 Arraignment for trial in joinder (courts-martial).

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- S88-1 Arrangement, damage control books.  
 S33-1 Arrangement and joiner plans, general.  
 S72-1 Arrangement plan, general turrets.  
 S30-1 Arrangements, special storage or stowage.  
 P13-2 Arrest, escape, etc., particular offense (misconduct and discipline).  
 A17-13 Arrest, procedure before trial, court-martial.  
 F13-5 Arresting equipment.  
 S83-3 Arresting gear, airplane.  
 F15-14 Arresting and launching airplanes aboard lighter-than-aircraft.  
 N10-13 Arresting platform.  
 P13-10 Arrests.  
 I9-3 Arrival conference reports.  
 P16-3 Arrival and departure of individuals, reports of (assignment and detail).  
 L21-5 Arrival of shipments, reports of.  
 A4-3 Arrivals, ship and aircraft.  
 EW27 Arsenals, Army.  
 P13-5 Arson.  
 A2-1 Articles for government of navy, war.  
 S30-3 Articles, miscellaneous inflammable, storage of.  
 L4-2 Articles, proprietary, methods of purchase of.  
 MA Artificer branch, enlisted.  
 N4-9 Artificers' school building.  
 P4-3 Artificial eyes and limbs.  
 S24-7 Artificial horizon.  
 P5-2 Artificial teeth.  
 LA Artisan (civil establishment).  
 QE Arts and Sciences.  
 F49-4 Asbestos and extra clothing.  
 EN9-159 Asbestos Limited, Inc., Millington, Morris County, N. J., navy cost inspector.  
 P2-3 Asbestos, prophylaxis.  
 EF13-17 Ascension Islands.  
 S68 Asdics, (sound-signaling under water).  
 YN2 **ASH.**  
 S18-2 Ash and coal canvas chutes.  
 S54 Ash and coal handling and stowage.  
 YA Ash lighters.  
 EF13-32 Ashanti.  
 JR1 Ashes.  
 PG21 **ASHEVILLE.**  
 L10-1 Ashore, method of accounting.  
 S51-2 Ashpit doors and ashpans.  
 QG1-2 Asia.  
 FF6 Asiatic Fleet.  
 NN3 Asiatic shore stations.  
 NC62 Asiatic station "Black Hawk" machinists' mates' school.  
 YFB1 **ASP** (stricken).  
 S14-2 Asphaltum, deck.  
 P3-1 Asphyxiation.  
 P9-2 Assassination.  
 P13 Assault.  
 P9-2 Assemblies, unlawful.  
 N5 Assembly (mine) plant; foundations for turrets.  
 P13-2 Assembly, unlawful (misconduct and discipline).  
 AMc65 **ASSERTIVE.**  
 L14 Assessments, taxes, duties and dues.
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L10-5 Assets, property investment (account).  
 P6-6 Assignment of cemetery plots.  
 S28-2 Assignments and change of name and number of ship.  
 P16 Assignment and detail.  
 L9-3 Assignment for overhaul.  
 A13-3 Assignment of patents.  
 L16-4 Assignment of pay.  
 A4-3 Assignments and details, ship and aircraft.  
 P15 Assistance, emergency (citations).  
 OF20 Assistant engineer officer afloat.  
 OF19 Assistant fire-control officer afloat.  
 EC Assistant Secretary of Commerce.  
 EL2 Assistant Secretary of Labor.  
 EN2 Assistant Secretary of Navy.  
 EN2-2 Assistant Secretary of Navy for Air.  
 EW2 Assistant Secretary of War.  
 LD Assistant Superintendent Service.  
 P8-2 Associations (social relations).  
 P9-1 Associations, political.  
 P1-1 Assumed names.  
 S71-8 Astigmatizers, range-finder.  
 CA34 **ASTORIA.**  
 NB10 Astoria, Oreg., naval submarine and destroyer base.  
 NR75 Astoria, Oreg., radio traffic station.  
 NB50 Astoria, Oreg., section base.  
 NA28 Astoria, Oreg., Tongue Point, naval air station.  
 H5 Astronomy group.  
 A14-3 Asylum, rights of.  
 N9 Asylum structures.  
 S87 Asynchronizer.  
 N4-10 Athletic buildings.  
 N1-7 Athletic fields.  
 S32-9 Athletic gear, clothes, instrument and key lockers.  
 N6-47 Athletic storehouse.  
 P10-1 Athletics and athletic outfits.  
 S13-3 Athwartship armor.  
 CL51 **ATLANTA.**  
 KS6 Atlanta, Ga., assistant paymaster, Marine Corps.  
 EN24-10 Atlanta, Ga., inspection naval material, southern area.  
 NA60 Atlanta, Ga., naval reserve aviation base.  
 NL12 Atlanta, Ga., recruiting station.  
 EN9-123 Atlantic Basin Iron Works, Brooklyn, N. Y., navy cost  
 inspector.  
 FF13 Atlantic Fleet.  
 NG1 Atlantic, northern, naval coastal frontier forces.  
 QH Atlantic Ocean.  
 NG2 Atlantic, southern, naval coastal frontier forces.  
 A6-2 Atmospheric disturbance (static).  
 S55-4 Atomizers, fuel-oil burners.  
 S47 Attached pumps.  
 EN3-11 Attaches, naval.  
 P16-3 Attachment (duty).  
 S86-3 Attachment, ex-caliber and subcaliber.  
 S73 Attachments, broadside guns.  
 F19 Attachments, cover.  
 S72-4 Attachments, gun director gear, elevating, turrets.  
 S92 Attachments for machine tools.  
 F11-1 Attachments for surface control loads, wing.  
 N19-18 Attack, conditioning against, gas defensive structures.

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S71-4 Attack course finders, submarine, depth charge.  
 FE7 Attack force.  
 S86-1 Attack teacher.  
 P11-1 Attainment and graduation certificates, etc.  
 P13-8 Attempted desertion.  
 P18 Attendance and absence.  
 P11-1 Attendance at school.  
 A17 Attendance, below quorum; of witnesses (courts-martial).  
 N4-1 Attendants' and servants' quarters.  
 P7 Attitude towards offspring (domestic relations).  
 EJ1 Attorney General.  
 A17 Attorneys, law and justice.  
 EN9-93 Atwood and Morrill Co., Salem, Mass., navy cost inspector.  
 L11-4 Auctions.  
 S65-4 Audible signal systems.  
 L10-5 Auditing accounts.  
 N4-8 Auditorium.  
 CA31 **AUGUSTA.**  
 AM57 **AUK.**  
 DD258 **AULICK** (stricken).  
 DD569 **AULICK** (new).  
 H4-1 Aurora australis and borealis.  
 DD294 **AUSBURN, CHARLES** (stricken).  
 DD570 **AUSBURN, CHARLES** (new).  
 QG1-3 Australasia.  
 EF13-45 Australia.  
 EF7 Austria.  
 P17-1 Authority to act for an individual in his absence.  
 L3 Authority for advertising.  
 P14-2 Authority to appoint, request for.  
 A17-20 Authority to convene, court, law and justice.  
 P18-1 Authority to grant leave.  
 P13-2 Authority, offenses against, conduct.  
 A3-1 Authority, organizations.  
 A10-1 Authority for printing and binding.  
 L4-2 Authority to purchase.  
 L6-2 Authorization for payments, disbursing.  
 P13-1 Authorized liberty (misconduct and discipline).  
 A10-1 Authors and authorship.  
 S71-8 Auto break, keys, firing.  
 S65-5 Autographic recorders (telautographs, etc.).  
 S22 Automatic and adjustable stops on ship-control gear.  
 S73-1 Automatic attachments, broadside guns.  
 S51-5 Automatic and hand stokers, boilers.  
 EN9-109 Automatic Machine Screw Co., Los Angeles, Calif., navy  
 cost inspector.  
 F31-1 Automatic pilot.  
 N27-9 Automatic sprinkler system, shore.  
 S22 Automatic steering gear control, gyro.  
 S72-2 Automatic stops, turrets.  
 S49-3 Automatic valves, air compressor.  
 N1-15 Automobile parking spaces.  
 L20-1 Automobiles, hire of.  
 N33-1 Automobiles, passenger.  
 P6-2 Autopsy.  
 S11-12 Auxiliaries under construction and repair, foundations.  
 S29-1 Auxiliary calibration.  
 S46-2 Auxiliary condensers.  
 S50 Auxiliary engines.

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EN9-95 Babcock and Wilcox Co., Beaver Falls, Pa., navy cost  
 inspector.  
 DD470 **BACHE.**  
 P7 Bachelors.  
 F24 Back-fire mechanism, starters.  
 L16-4 Back pay.  
 S13-4 Back plates, armor.  
 S86-3 Backing out, drill shell, castings.  
 S72-11 Backing-out spars, projectile, turret.  
 S11-1 Backing plates (side armor).  
 S72-1 Backing plates, turret.  
 S8-2 Backing trials.  
 S82-1 Backs, strong, boat stowage and handling.  
 S37-2 Bacteria incubators.  
 P3-4 Bacteriology.  
 P19-1 Bad-conduct discharge.  
 L6-2 Bad debts.  
 EF30 Baden.  
 DD126 **BADGER.**  
 AVD3 **BADGER, GEORGE E.** (ex-DD196).  
 P15 Badges.  
 S51 Baffle plates, gas, boiler, water, circulation.  
 S75-1 Baffle plates, torpedo.  
 S72-10 Baffle, powder-hoist speed gear plates, turret guns.  
 F21-1 Baffle, pressure.  
 S46-5 Baffles, condenser.  
 S58-1 Baffles, evaporator.  
 S41-1 Baffles, oil, turbines.  
 N5-42 Bag factory.  
 S33-6 Bag rails.  
 N6-41 Bag storehouses.  
 AT21 **BAGADUCE.**  
 F34-6 Baggage compartments, stowage.  
 F49-4 Baggage, crew.  
 L20-6 Baggage and dunnage (travel).  
 NH24-1 Bagino, T. H., recreation health camp.  
 DD185 **BAGLEY** (now Doran).  
 DD386 **BAGLEY** (new).  
 F15-11 Bags, ballast, water system (airship).  
 S32-9 Bags, boxes, mail.  
 F17-1 Bags, buffer, car.  
 S78-1 Bags, burster, ignition and powder, ammunition.  
 S18-2 Bags, canvas.  
 S54-3 Bags, coal.  
 F13-6 Bags, flotation gear.  
 S33-6 Bags, hammock.  
 S30-1 Bags, lucky.  
 F34-1 Bags, personal equipment.  
 S73-1 Bags and rests, broadside guns.  
 F15-12 Bags, sand-ballast system.  
 EF13-44 Bahamas, West Indies.  
 EF13-7 Bahrein Islands.  
 YO54 **BAILER.**  
 DD269 **BAILEY** (stricken).  
 DD492 **BAILEY** (new).  
 F15 Bailey medals.  
 NH26 Bainbridge Island, Wash., navy recreation center.  
 NR107 Bainbridge Island, Wash., naval radio traffic station.  
 DD246 **BAINBRIDGE.**

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NC74-7 Bainbridge Island, Wash., Port Blakely, radio naval training school.  
 MC Bakers, commissary.  
 NC74 Bakers, cooks, communications, radio, signal, yeomen and storekeepers, naval training schools.  
 S24 Bakery and bake ovens.  
 A5-10 Bakery and cooking, competition.  
 N4-4 Bakery, shore.  
 F32 Balance springs, control system.  
 S61 Balancers, generators.  
 F11-2 Balances, ailerons.  
 L1-1 Balances, appropriations.  
 F12 Balances, elevators, rudders, tail group.  
 L1-2 Balances, unexpended, appropriations and allotments.  
 S73-2 Balancing gears, broadside guns.  
 S87 Balancing machines.  
 N32-3 Balancing machines and plate rocks, research testing apparatus ashore.  
 F23-1 Balancing machines, propeller (aircraft).  
 NB69 Balboa, C. Z., advance base depot.  
 KP128 Balboa, C. Z., ammunition depot, Marine Detachment.  
 NT1-15 Balboa, C. Z., naval ammunition depot.  
 NH31 Balboa, C. Z., naval dispensary.  
 NT4-32 Balboa, C. Z., naval net depot.  
 NB4 Balboa, C. Z., naval operating base.  
 NS12 Balboa, C. Z., naval station.  
 NT40-40 Balboa, C. Z., navy supply depot, N. O. B.  
 NB62 Balboa, C. Z., section base.  
 NR62 Balboa, (Darien) (Summit, C. Z.) (Farfan), radio-traffic station.  
 DD50 **BALCH** (stricken).  
 DD363 **BALCH** (new).  
 DD624 **BALDWIN**.  
 NP4 Baldwin, Long Island, N. Y., naval ordnance plant.  
 S73-2 Ball bearings, broadside guns.  
 S72-6 Ball bearings, deck lugs, turret guns.  
 AVD10 **BALLARD** (ex-DD267).  
 S29-1 Ballast.  
 F48-1 Ballast, beaching gear.  
 S88-4 Ballast compensating system, water, damage control.  
 S65-5 Ballast indicators.  
 S47 Ballast, pumps, submarines.  
 F15 Ballast system, sand, water.  
 S48-1 Ballast tank.  
 A5-9 Ballistic exercises and diagrams, drills.  
 S74-1 Ballistics, anti-aircraft guns.  
 S73-1 Ballistics, broadside guns.  
 S72-4 Ballistics, turret guns.  
 F18-3 Ballonets.  
 S84 Balloon, airship, and kite handling and stowage.  
 N10-1 Balloon hangers.  
 F39 Balloon, insignia and marking.  
 A5-14 Balloon races, aircraft and.  
 ZK Balloons, kite.  
 H2-18 Balls, time.  
 CM1 **BALTIMORE** (stricken).  
 CA68 **BALTIMORE** (new).  
 EN22-7 Baltimore, Md., branch hydrographic office.

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EN11-20 Baltimore, Md., inspector naval aircraft.  
 EN9-34 Baltimore, Md., navy cost inspector, Maryland D. D. Co.  
 EN9-86 Baltimore, Md., navy cost inspector, Rustless Iron & Steel  
 Works.  
 NR22 Baltimore, Md., radio-traffic station.  
 NL6 Baltimore, Md., recruiting station.  
 EN11-30 Baltimore, Md., resident inspector of naval catapults.  
 EF13-12 Baluchistan.  
 YT104 **BANAAG.**  
 DD256 **BANCROFT** (stricken).  
 DD598 **BANCROFT** (new).  
 S32-7 Band room (office equipment).  
 S30-1 Band room (storerooms).  
 S91-2 Band saws.  
 N4-8 Band stand.  
 F42-1 Banding, electrical, radio.  
 MY21 Bandmaster.  
 S79-4 Bandoliers, small arms.  
 KB Bands, Marine.  
 S78-1 Bands, projectile, ammunition.  
 QD Bands and orchestras.  
 S78-1 Bands, shrapnel, ammunition.  
 S28-4 Bands, smokepipes.  
 F31-1 Bank indicator.  
 A17-5 Bankruptcy proceedings.  
 S49-3 Banks, air compressor.  
 L12-1 Banks, banking, checks, and drafts.  
 H1-10 Banks, shoals, rocks, and reefs (hydrography).  
 SS220 **BARB.**  
 EF13-44 Barbados.  
 QW5 Barbary States, War with.  
 N4-11 Barber shop.  
 NA70 Barber's Point, Oahu, T. H., naval air station.  
 S36-2 Barber-shop equipment.  
 EN8-29 Barberton, Ohio, and Bayonne, N. J., inspector of machinery  
 (works of Babcock and Wilcox).  
 AMc38 **BARBET.**  
 S13-4 Barbette, turret, and armor.  
 S72-1 Barbettes.  
 APP Barge, troop, class A.  
 APT Barge, troop, class B.  
 YOG Barges, gasoline.  
 YB Barges, general.  
 YHB Barges, house.  
 S82-5 Barges, motor (boats).  
 YO Barges, oil.  
 YOS Barges, oil stowage.  
 YPK Barges, pontoon stowage.  
 YV Barges, seaplane.  
 YSR Barges, sludge removal.  
 YS Barges, stevedoring.  
 YTT Barges, torpedo-testing.  
 YW Barges, water.  
 NR1 Bar Harbor, Maine, radio-traffic station.  
 NX1 Bar Harbor, Maine, radio direction-finder station.  
 NB44 Bar Harbor, Maine, section base.  
 S11-4 Bar Keels.  
 S70-1 Barium nitrate for illuminating projectiles, signal.  
 DD213 **BARKER.**

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AVP10 **BARNEGAT.**  
 AG27 **BARNES, ROBERT L.** (ex-AO14).  
 YT29 **BARNETT** (stricken)  
 AP11 **BARNETT** (new).  
 DD149 **BARNEY.**  
 N13-3 Barns (transportation structures).  
 F31 Barograph and barometers.  
 S24-7 Barometers.  
 H4-4 Barometers, meteorology and aerology.  
 APL Barrack ships.  
 N4 Barracks and barracoones.  
 N9-1 Barracks, quarantine.  
 SS163 **BARRACUDA.**  
 ZMQ Barrage balloon squadrons, marine.  
 ZM Barrage balloons.  
 A16-3 Barrage (war).  
 F41-1 Barrels, machine guns.  
 S75-2 Barrels, torpedo tubes.  
 NE1 Barren Island, Chesapeake Bay trial course.  
 S83-3 Barricade, emergency, airplane.  
 F13-12 Barrier crash provision.  
 DD248 **BARRY.**  
 S26-5 Bars, anchor.  
 F32-1 Bars, foot, rudder control.  
 S51-2 Bars, grate, boiler, pricker and slice.  
 P15 Bars and medals, good conduct.  
 S73-2 Bars, shoulder, mounts, broadside guns.  
 S72-5 Bars, shoulder, mounts, turret gun slides.  
 S26-5 Bars and stowage, anchor.  
 EN9-105 Barth Stamping & Machine Works, Cleveland, Ohio, navy  
     cost inspector.  
 DD599 **BARTON.**  
 A5-9 Base course (drills).  
 FF12-12 Base force, Pacific Fleet.  
 FF5 Base force, United States Fleet.  
 P10-1 Baseball.  
 N1-7 Baseball fields.  
 NB Bases, naval.  
 S78-1 Bases, projectile, ammunition.  
 SS241 **BASHAW.**  
 N15-7 Basins, marine, slips (water-front structures).  
 S33-6 Basins, wash.  
 N8-5 Basin and tank models, and experimental water channels.  
 P10-1 Basketball.  
 S48-23 Basket and box strainers, pipe fittings.  
 S54-3 Baskets, coal.  
 S34-2 Baskets, dishwasher.  
 F17-3 Baskets, observation.  
 S55-2 Baskets and strainers, fuel oil.  
 S45-1 Baskets, strainers, lubricating oil.  
 S51-3 Baskets, zinc and hangars, boilers.  
 SS164 **BASS.**  
 P13-7 Bastardy (vice, personnel).  
 EF13-25 Basutoland (British).  
 AK4 **BATH** (stricken).  
 AMc-37 **BATELEUR.**  
 EN8-31 Bath, Maine, inspector of machinery.  
 EN6-39 Bath Maine, inspector of ordnance, Bath Iron Works Cor-  
     poration.

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EN9-38 Bath, Maine, navy cost inspector, Bath Iron Works.  
 EN7-15 Bath, Maine, superintending constructor.  
 EN25-6 Bath, Maine, supervisor of shipbuilding, Bath Iron Works.  
 S37-1 Bath, sick bay.  
 P3-2 Baths treatment.  
 S37-2 Bathtubs, lavatories, sinks, medical.  
 S36-1 Bathtubs.  
 F18-2 Battens, nose, nonrigid gas envelopes.  
 S73-3 Battens, sight checking, broadside guns.  
 S72-7 Battens, sight checking, turret guns.  
 S62 Batteries (electric power distribution).  
 F36 Batteries, flashlights.  
 S64-4 Batteries, flashlight.  
 S76 Batteries, mine firing.  
 F42-1 Batteries, radio.  
 S67 Batteries, radio.  
 N6-22 Batteries, storage, storehouse for.  
 F21-1 Battery coil system engine.  
 S71 Battery commander, telescopes, control system.  
 S11-6 Battery deck.  
 A5-9 Battery drills, ships and aircraft.  
 F24-1 Battery electric, starter.  
 S41-3 Battery ignition, motorboat engines.  
 S67 Battery lockers (radio).  
 S62 Battery sealing compound, compartments, submarine bat-  
 teries.  
 N5-56 Battery (storage) shop.  
 S65-5 Battery voltage indicator.  
 S91-1 Battery workshop.  
 S16-2 Battle cover, hatch (metal).  
 CC Battle cruisers.  
 S37-1 Battle dressing station.  
 A5-8 Battle efficiency competition.  
 FF2 Battle fleet (obsolete).  
 FE1 Battle force.  
 FF12-1 Battle force, Pacific Fleet.  
 FF2 Battle force, United States Fleet (obsolete).  
 S64 Battle lighting (wiring, appliances, fixtures).  
 S71 Battle order, gun, torpedo, fire control.  
 A5-1 Battle practices (antiaircraft), gun exercises.  
 P16-3 Battle stations (assignment and detail).  
 S24-4 Battle station or secondary control.  
 S71-8 Battle tracers.  
 A16-3 Battles, (warfare operations).  
 FB 1 Battleship divisions.  
 FF13-4 Battleships, Atlantic Fleet.  
 FF12-2 Battleships, battle force, Pacific Fleet.  
 BB Battleships.  
 EN9-91 Bausche & Lomb Optical Co., navy cost inspector, Roches-  
 ter, N. Y.  
 EF30 Bavaria.  
 S12-4 Baxter, Lewis, deck socket, bolts.  
 EN8-36 Bay City, Mich., inspector of machinery.  
 EN9-53 Bay City, Mich., navy cost inspector, Defoe Boat & Motor  
 Works.  
 EN25-3 Bay City, Mich., supervisor of shipbuilding, Defoe Boat &  
 Motor Works.  
 N9-3 Bay, sick, shore.  
 YNG19 BAY SPRING (ex-AT60).

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EN8-29 Bayonne, N. J., and Barberton, Ohio, inspector of machinery  
 (works of Babcock and Wilcox).  
 NT4-33 Bayonne, N. J., naval net depot.  
 NT4-22 Bayonne, N. J., naval supply depot.  
 EN9-161 Bayonne, N. J., navy cost inspector, Electric Boat Co.  
 EN25-2 Bayonne, N. J., supervisor of shipbuilding, Electric Boat  
 Company.  
 A5-9 Bayonet drills, ships and aircraft.  
 S79-4 Bayonets.  
 QX5 Bayous, coves, inlets.  
 QX2 Bays and gulfs.  
 F48-1 Beaching gear.  
 N10-2 Beaches, landing, and runways for airplanes.  
 H2 Beacons, navigation and navigational aids.  
 N20-2 Beacons and ranges, structures.  
 DD40 **BEALE** (stricken).  
 DD471 **BEALE** (new).  
 S11-9 Beam stanchions, deck.  
 N32-5 Beam scales.  
 S12-5 Beamclamps.  
 F12 Beams, tail group.  
 F11 Beams, wing group.  
 AG29 **BEAR**.  
 S71-8 Bearing finders.  
 F29-1 Bearing reamers.  
 S71-8 Bearing transmitters, fire control.  
 F22-1 Bearings.  
 S43 Bearings.  
 S73-2 Bearings, ball, broadside mounts.  
 S53 Bearings, blowers.  
 F41-8 Bearings, bomb sights.  
 S41 Bearings, main propelling.  
 F32-3 Bearings, pulleys, aileron control.  
 A6-2 Bearings, radio compass.  
 S42 Bearings, reduction gear, shafting.  
 S22 Bearings, rudder.  
 S53 Bearings, shaft, blower.  
 F12-1 Bearings, stabilizer adjustment.  
 F32-4 Bearings, stabilizer control.  
 S72 Bearings, turret guns.  
 F11-1 Bearings, wing.  
 DD640 **BEATTY**.  
 AK6 **BEAUFORT** (stricken).  
 AS5 **BEAVER**.  
 EN9-95 Beaver Falls, Pa., navy cost inspector, Babcock & Wilcox  
 Co.  
 EF13-25 Bechuanaland Protectorate (British).  
 S33-6 Bedding, linen (except hammocks).  
 S41 Bedplates, Diesel engine, main propelling.  
 S26-5 Beds, anchor.  
 N37 Beds, chairs, tables, etc., household.  
 N38 Beds, chairs, tables, etc., nonhousehold.  
 N25-3 Beds, filter, shore.  
 S33-6 Bedsteads.  
 EF9-1 Belgian Congo.  
 EF9 Belgium.  
 AVD8 **BELKNAP** (ex-DD251).  
 DD95 **BELL** (stricken).  
 DD587 **BELL** (new).

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- A12-1 Bell book, engineer's.  
 AP34 **BELL, FRANKLIN J.**  
 AK20 **BELLATRIX.**  
 NT1-6 Bellevue, D. C., magazine.  
 NP14 Bellevue, D. C., naval experimental and research laboratory.  
 NC34 Bellevue, D. C., radio material school.  
 A16-2 Belligerents; combatants; policies of, in conduct of war.  
 S92 Bellows.  
 S94 Bells, diving.  
 S65-4 Bells, interior communication.  
 S24-8 Bells, watch and fog; hangers for.  
 N28-10 Bells and whistles, shore.  
 EN8-37 Beloit, Wis., inspector of machinery, Fairbanks Morse Co.  
 S13-2 Belt armor.  
 S79-3 Belt-filling machines, machine guns.  
 S11-3 Belt frames.  
 S91-2 Belting, workshop.  
 S79-3 Belts, ammunition, machine guns, cartridge, waist.  
 F41-5 Belts, machine gun.  
 F49-5 Belts, safety.  
 S28 Bench mark.  
 N1-1 Bench marks, shore.  
 S34-2 Benches and bench stowage.  
 S85 Benches, cabinets, and tables, photography.  
 S33-6 Benches, crew's rest and recreation.  
 S34-2 Benches, mess.  
 S92 Benches, work, rammers.  
 N5-4 Bending shops.  
 S92 Bending slabs.  
 L22-3 Beneficial suggestions, money rewards for.  
 A13 Beneficial suggestions, patents, and inventions.  
 P7 Beneficiaries, domestic relations.  
 L13-2 Beneficiaries, insurance and bonding.  
 DD49 **BENHAM** (stricken).  
 DD397 **BENHAM** (new).  
 DD473 **BENNETT.**  
 DD421 **BENSON.**  
 YFB3 **BERCEAU.**  
 H3-5 Bergs, ice.  
 NT1-8 Berkeley Co., Charleston, S. C., naval ammunition depot.  
 KP143 Bermuda, marine barracks, naval operating base.  
 NA65 Bermuda, naval air station.  
 NH37 Bermuda, naval dispensary.  
 NB28 Bermuda, naval operating base.  
 EF13-38 Bermudas (British).  
 DD153 **BERNADOU.**  
 H1-1 Berthing facilities, anchorage and harbors.  
 L24 Berthing facilities.  
 S4 Berthing (overhaul).  
 S33 Berthing and living.  
 F4-1 Berthing and shed expenses.  
 L9-1 Berthing of ships for safety.  
 DD421 **BENSON.**  
 AK28 **BETELGEUSE.**  
 EN11-21 Bethpage, Long Island, N. Y. (formerly Farmingdale,  
 N. Y.,) inspector of naval aircraft.  
 NX17 Bethany Beach, Del., radio-direction finder station.  
 EN8-16 Bethlehem, Pa., inspector of engineering material.  
 EN24-6 Bethlehem, Pa., inspector of naval material.
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- EN9-43 Bethlehem, Pa., navy cost inspector, Bethlehem Steel Co.  
 EN9-27 Bethlehem Steel Co., Quincy (Boston), Mass., navy cost inspector.  
 EN25-7 Bethlehem Steel Co., Quincy, Mass., supervisor of shipbuilding.  
 EN9-28 Bethlehem Steel Co., San Francisco, Calif., navy cost inspector.  
 EN25-17 Bethlehem Steel Co. (Union Plant), San Francisco, Calif., supervisor of shipbuilding.  
 EN9-41 Bethlehem Steel Co., San Pedro, Calif., navy cost inspector.  
 EN25-24 Bethlehem Steel Co., San Pedro, Calif., supervisor of shipbuilding.  
 EN25-16 Bethlehem Steel Co., Staten Island, N. Y., supervisor of shipbuilding.  
 S75-1 Bevel and steering gear, torpedoes.  
 JJ56-5 Beverages, alcoholic and nonalcoholic.  
 EF10 Bhutan.  
 N33-9 Bicycles.  
 F1-4 Bid, award of, design.  
 DD151 **BIDDLE.**  
 AP15 **BIDDLE, WILLIAM P.**  
 L4-2 Bids, proposals, schedules, and awards.  
 P13-7 Bigamy.  
 S11 Bilge keels, walls.  
 S47 Bilge pumps.  
 S48-1 Bilge suction.  
 S26-5 Billboards, anchor.  
 P16-3 Billets, station (assignment and detail.)  
 P10-3 Billiards (amusement and recreation.)  
 L10-6 Billing of average rates (accounting).  
 L21-4 Billing (freight and cargo) shipments.  
 DD293 **BILLINGSLEY** (stricken).  
 L1-1 Bills, appropriation.  
 L6 Bills, disbursements.  
 L23 Bills of exchange.  
 P2-1 Bills of health.  
 L21-4 Bills of lading (Government and commercial).  
 L11 Bills rendered by private concerns, bills of sale.  
 A18-1 Bills, Senate, House.  
 CL80 **BILOXI.**  
 N36-8 Binding and printing machinery and equipment, shore.  
 A10-1 Binding and printing (publications).  
 S24-7 Binnacles, complete, and metal covers.  
 F49-7 Binoculars (aircraft).  
 F31-1 Binoculars, aircraft instruments.  
 S71-8 Binoculars, fire control.  
 S24-7 Binoculars and spyglasses (navigational).  
 S54-1 Bins, coal.  
 S36-4 Bins, garbage.  
 S78-3 Bins, powder.  
 S92 Bins, scrap metal.  
 N6-16 Bins and yards, scrap.  
 P1-7 Biography.  
 EI35 Biological survey, bureau of, Department of Interior.  
 YN3 **BIRCH** (now Boxwood).  
 NX45 Bird Island, Calif., radio direction-finder station.  
 QI Birds.  
 EN9-87 Birdsboro, Pa., navy cost inspector, Birdsboro Steel Foundry & Mach. Co.
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CL2 **BIRMINGHAM** (stricken).  
 CL62 **BIRMINGHAM** new).  
 EN9-75 Birmingham, Ala., navy cost inspector, Ingalls S. B. Co.  
 NL13 Birmingham, Ala., recruiting station.  
 P1-3 Birth, date, certificate, place of  
 AVP11 **BISCAYNE**.  
 NB61 Bishop Point, Oahu, T. H., section base.  
 AM36 **BITTERN**.  
 S12-1 Bits and foundations, mooring.  
 F39-2 Bituminous, paint.  
 S19-1 Bituminous paint, and similar solutions, enamels, and  
 cement.  
 S70-3 Black ball (signal).  
 SS221 **BLACKFISH**.  
 AD9 **BLACK HAWK**.  
 P14-2 Black list of appointees.  
 S78-1 Black powder, ammunition.  
 S72-3 Blacking wedges, turret fittings.  
 P8-1 Blacklisting.  
 P13-3 Blackmail.  
 N5-12 Blacksmith shops (shop structures).  
 ME Blacksmiths.  
 L91 Blacksmiths' shops and lockers.  
 S41 Blade-clearance gauges, turbine.  
 S44 Blades, propeller.  
 S41 Blading, main propelling machinery, turbine.  
 DD150 **BLAKELEY**.  
 F49-3 Blankets, fire extinguishing.  
 A3-3 Blanks and forms (organization and management).  
 P19 Blanks, honorable discharge.  
 JJ59-9 Blasting materials.  
 F38-3 Blasting, sand, finish.  
 S73-1 Blasts, broadside guns.  
 S74-1 Blasts, effect of antiaircraft guns.  
 S72-4 Blasts, turret gun.  
 EN6-46 Blaw-Knox Co., Martins Ferry, Ohio, inspector of ordnance.  
 EN9-99 Blaw-Knox Co., Martin's Ferry, Ohio, navy cost inspector.  
 N4-10 Bleachers.  
 S41-1 Bleeder pipes and valves, turbine.  
 S48-1 Bleeder plugs, piping.  
 F31-2 Blind flying instruments.  
 S71-8 Blinders for optical instruments.  
 F36-9 Blinker lights.  
 S64-5 Blinker lights, electric.  
 S11-10 Blisters and bulges, structural.  
 S68 Blisters for sound-signaling device under water.  
 H4-9 Blizzards.  
 NE5 Block Island, R. I., trial course.  
 N5-47 Block shop.  
 FE11 Blockade force.  
 A14-1 Blockaded ports  
 A16-3 Blockades; bombardments; sieges (warfare operations).  
 N16-3 Blocking, dry-dock.  
 S18-1 Blocks.  
 F11-2 Blocks, aileron.  
 S41-1 Blocks and collars, adjusting, turbine.  
 F21-1 Blocks, distributor, magneto, engine.  
 F12 Blocks, elevator, fin, tail group.  
 S18-1 Blocks and falls (except boat).

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- S81-2 Blocks, fittings, ropes, and chains, rigging, paravanes.  
 F13 Blocks, hull, nacelle, landing gear (body group).  
 S34-2 Blocks, meat, messing.  
 F12-4 Blocks, rudder.  
 F45-2 Blocks, sheaves, fair-leads, mooring, hauling, handling.  
 N31-10 Blocks, triplex; hoists; pulleys, etc.  
 S92 Blocks and trolley, chain hoists.  
 S12-1 Blocks, tumbling.  
 F11-1 Blocks, wing.  
 P2-5 Blood circulation, physical examination.  
 P3 Blood, diseases of, and transfusions.  
 S18-2 Bloomers, gun, canvas.  
 S74-1 Blowbacks, antiaircraft guns.  
 S73-1 Blowbacks, broadside guns.  
 S72-4 Blowbacks, turret guns.  
 S55-4 Blower burners, fuel oil.  
 S65-5 Blower, turbo, signal system.  
 F37-2 Blowers, auxiliary pressure system.  
 S53 Blowers, forced draft, rooms.  
 S51-3 Blowers, soot, boiler.  
 S38-1 Blowers, ventilating.  
 S55-4 Blowing-out apparatus, fuel-oil burners.  
 S92 Blowtorch, oil.  
 DD387 **BLUE.**  
 AM72 **BLUEBIRD.**  
 P17-3 Blue Book.  
 SS222 **BLUEFISH.**  
 SS242 **BLUEGILL.**  
 AMc23 **BLUE JAY.**  
 S70-1 Blue lights and flares, sight-signaling.  
 N36 Blueprint machines, paper, shore.  
 L2-2 Blueprints, drawings, plans (specifications).  
 EN28-1 Board on Changes, Bureau of Ships.  
 A17-25 Board, composition of the, Board of Investigation.  
 EN21 Board of examination of dental officers.  
 EN20 Board for examination of medical officers.  
 EN7-3 Board on hull changes.  
 EN3 Board of Inspection and Survey, merchant vessels, Navy.  
 F3-1 Board of Inspection and Survey, reports of, planning.  
 F8-2 Board of Inspection and Survey, trials by.  
 F34-6 Board, instrument.  
 A17-25 Board of Investigation, record of proceedings.  
 EN8-24 Board on machinery changes.  
 S41-4 Board, main terminal, electric drive.  
 EN16 Board of medical examiners.  
 LM Board of survey, appraisal and sale.  
 A16-3 Boarding ships, war.  
 S32-9 Boards, bulletin.  
 S88-2 Boards, casualty.  
 F31-3 Boards, chart.  
 S71-8 Boards, deflection, plotting, and sighting fire-control.  
 S14-1 Boards, dumping.  
 A17 Boards, examining, selection, and others.  
 S24-7 Boards, fixed and portable, chart, pneumercators.  
 S20-2 Boards, flags, sight-signaling.  
 S87 Boards, gauge.  
 EN7-3 Boards on hull changes.  
 S86 Boards, instruction and practice apparatus.  
 QB Boards, miscellaneous.  
 S41-4 Boards, switch and control, electric drive.
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S92 Boards, tool and gear.  
 S32-9 Boards, uniform, office equipment.  
 S17-1 Boat, booms and fittings, gear and cranes complete.  
 A5-9 Boat drills, gun practices.  
 S12-5 Boat guards.  
 A4-4 Boat guards (operations of ships and aircraft).  
 S79-1 Boat guns.  
 A6-3 Boat hails, signals.  
 S65-4 Boat-hour gongs.  
 N15-9 Boat overhands.  
 N5-54 Boat shop.  
 N6-18 Boat storehouses.  
 S82 Boats.  
 P13-5 Boats, vehicles and other articles, unauthorized use of.  
 OW Boatswains.  
 S18-1 Boatswain's chair and locker.  
 MS Boatswain's mate.  
 AM20 **BOBOLINK**  
 S78-1 Bodies, projectile illuminating, ammunition.  
 F41-6 Body, bombs.  
 F13 Body group.  
 F14-2 Body, main.  
 F19-2 Body, main, outer cover.  
 S5 Body plan.  
 EN9-149 Boeing Aircraft Co., Renton, Wash., navy cost inspector.  
 EN9-150 Boeing Aircraft Co., Seattle, Wash., navy cost inspector.  
 DMS3 **BOGGS** (ex-AG19; ex-DD136).  
 S76-1 Bogies, mine.  
 EN9-145 Bohn Aluminum & Brass Corp., Detroit, Mich., navy cost  
 inspector.  
 S48 Boiler blower piping, feed-water.  
 S65-7 Boiler-control station, emergency.  
 S56 Boiler feed-water equipment.  
 S51-3 Boiler gauges, water and steam.  
 N23-7 Boiler plants.  
 N7-7 Boiler plants, structures.  
 N5-62 Boiler shop.  
 ME Boilermakers, enlisted.  
 S34-2 Boilers, coffee.  
 F34-3 Boilers, kettles, and galley.  
 S51 Boilers and rooms.  
 CL47 **BOISE.**  
 AMc67 **BOLD.**  
 H4-3 Bolides, meteorolites, meteoroids, meteors.  
 EF11 Bolivia.  
 N16-10 Bollards, drydock.  
 N20-5 Bollards, mooring.  
 P9-2 Bolshevism.  
 S73-2 Bolt holes in deck, broadside guns.  
 N6-39 Bolt storehouses.  
 S29-10 Bolting and riveting.  
 S43-1 Bolts, coupling, shafting.  
 S72-3 Bolts and cups, holding down, turrets.  
 F21-2 Bolts, foundation, engine.  
 S74-1 Bolts, holding down, antiaircraft guns.  
 S41-6 Bolts, holding down, engines.  
 S42 Bolts, holding down, reduction gear.  
 S75-2 Bolts, holding down, torpedo.  
 S12-4 Bolts, hull fittings.

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S44 Bolts and nuts, propeller.  
 S75-2 Bolts, stop and mechanism torpedo tubes and launching gear.  
 S78-2 Bomb carriers, ammunition handling.  
 A5-5 Bomb exercises.  
 F48-3 Bomb hoists and loading platforms.  
 S81 Bomb, mine, torpedo, and splinter protection (other than structural).  
 F41-7 Bomb racks and sights.  
 NC72 Bomb Sight Aviation School, Pearl Harbor, T. H.  
 S78-3 Bomb stowage.  
 N6-62 Bomb stowage and shell house (magazines).  
 NC71 Bomb target school, San Diego, Calif.  
 S76-2 Bomb throwers, depth charge.  
 A16-3 Bombardments; blockades; sieges, warfare operations.  
 A16-3 Bombing, aerial, gas warfare.  
 N10-9 Bombing buildings, aviation structures  
 VB Bombing planes.  
 N4-9 Bombing school building.  
 F41-10 Bombing, training.  
 F13-1 Bombing window, hull.  
 N12-7 Bombproof shelters.  
 S75-1 Bombs for net cutters, torpedo.  
 F41 Bombs, ordnance.  
 S70-1 Bombs, smoke (sight-signaling).  
 S79-4 Bombs, stick, landing force.  
 S76-1 Bombs, towing.  
 L21-2 Bond-aided rates (freight and cargo).  
 L20-5 Bond-aided rates (personnel).  
 L13 Bonding, bureaus, guaranties.  
 EN1-21 Bonds, defense saving, office of.  
 L12-2 Bonds, liberty-loan.  
 SS223 **BONEFISH**  
 CV10 **BON HOMME RICHARD**  
 FG10 Bon Homme Richard a'r group.  
 SS165 **BONITA**  
 S5 Bon Jean curves.  
 EN9-165 Bonney-Floyd Co., Columbus, Ohio, navy cost inspector.  
 L4-3 Bonus contracts.  
 L16-9 Bonuses (allowances, money, to personnel).  
 S32-9 Bookcases.  
 S33-6 Bookcases, except office.  
 L10-5 Bookkeeping.  
 S29-2 Booklet of inclining experiment.  
 L7-1 Books, allowances.  
 L12-1 Books, check, deposit.  
 S88-1 Books, damage control.  
 L19 Books, professional, and other personal property.  
 A6-3 Books, signal.  
 F13-1 Booms, gull.  
 S81 Booms, mine, torpedo, bomb, and splinter protection (other than structural).  
 S17 Booms, towers, cranes, derricks, masts and spars, jib.  
 F24-6 Booster, starter magneto.  
 S76-1 Booster cases, mine and depth charges.  
 S78-1 Booster charges and containers, ammunition.  
 S47 Booster, fuel-oil pumps.  
 S41-4 Booster units, electric drive.  
 N3-2 Booths, police.

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N39-1 Boundary lights, landing field.  
 N3-4 Boundary limitation.  
 N1-1 Bounds and metes (survey).  
 L16-9 Bounties (allowances, money).  
 S73-1 Bourreret projectile, ammunition.  
 F14-1 Bow cap.  
 S11-8 Bow cap.  
 S75-2 Bow cap and shutters, torpedo tubes.  
 F19-1 Bow, cover, outer.  
 S11-3 Bow framing.  
 S12-5 Bow and stern, ornaments.  
 AG30 **BOWDITCH.**  
 IX50 **BOWDOIN.**  
 NC111-1 Bowdoin College, Brunswick, Maine, radio engineering  
 naval training school (officers).  
 NC74-8 Bowdoin College, Brunswick, Maine, naval reserve radio  
 school (Obsolete, see NC111-1).  
 P10-1 Bowling (recreation).  
 N4-10 Bowling alley (structure).  
 F11-2 Bows, tip, aileron and wing.  
 F12-2 Bows, tip, elevator, fin, rudder, stabilizer.  
 S17-2 Bowsprits (ship).  
 S48-23 Box and basket strainers, pipe fittings.  
 N30-3 Boxcars.  
 S94 Box, faking (for throwing lines).  
 N3 Box, sentinel, police.  
 S24-7 Box, triple chronometer.  
 YX7 **BOXER** (stricken).  
 QW10 Boxer Rebellion.  
 F41-5 Boxes, ammunition and ejection.  
 S78-3 Boxes, ammunition, stowage.  
 L21-3 Boxes, cases, crates, etc., packing.  
 S24-7 Boxes, chronometer and transporting cases.  
 S34-2 Boxes, coal, galley, ships.  
 S59 Boxes, cold storage and ice making.  
 S62-2 Boxes, connecting and junction, electric distribution.  
 S45-2 Boxes, distributing, lubrication.  
 S71-8 Boxes, fire-control apparatus.  
 F36-2 Boxes, junction.  
 S64-5 Boxes, signal light.  
 S85 Boxes, light, for film marking, photography.  
 N28-9 Boxes, mail, chore.  
 F26-2 Boxes, oil radiator.  
 L21-3 Boxes, packing.  
 S72-3 Boxes, periscope, turrets fittings.  
 S73-1 Boxes, screw, broadside guns.  
 S77-1 Boxes, smoke, warfare apparatus.  
 S37-2 Boxes, first-aid, medical.  
 F36-3 Boxes, storage-battery.  
 S92 Boxes, waste and oil.  
 S62-2 Boxes, wiring appliances (electric power distribution).  
 S48-23 Boxes and zinc for fittings.  
 P10-1 Boxing.  
 YN3 **BOXWOOD** (ex-Birch).  
 P8-1 Boycotts.  
 DD544 **BOYD.**  
 DD600 **BOYLE.**  
 S51-1 Braces, boiler.  
 F13 Braces, hull and landing gear.

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S75-2 Braces and pedestals, torpedo tube and launching gear.  
 F16-1 Bracing, wire, fins.  
 F21-1 Bracket assembly, oil feed bearing, oil pump system.  
 S38-1 Bracket fans, desk and ceiling.  
 S11-3 Bracket frames and bulkhead.  
 S73-2 Brackets, broadside mounts.  
 F24-1 Brackets, electric starter.  
 S76-2 Brackets, mechanical control, mine.  
 S54-3 Brackets and pulleys, coal and ash handling.  
 S71 Brackets, range and deflection transmitters, and telescopic.  
 S41-6 Brackets and stiffeners, main propelling machinery.  
 S91-2 Brackets, structural, foundations and stiffeners.  
 S43-2 Brackets, struts and stern, bearings.  
 S72-1 Brackets, turret.  
 DD545 **BRADFORD.**  
 L4-1 Bradstreet and Dun reports.  
 DD630 **BRAINE.**  
 F22-1 Brake, engine transmission.  
 S87 Brake and hydraulic dynamometers.  
 F21-8 Brake, water, engine testing.  
 F48-1 Brakes, beaching gear.  
 F13-2 Brakes and brake wheels, landing gear, controls.  
 S73-2 Brakes, broadside mounts.  
 S72-10 Brakes, shell-hoist, electric motors, turret guns.  
 S22 Brakes, steering gear.  
 AMc39 **BRAMBLING.**  
 DD197 **BRANCH** (stricken).  
 AM24 **BRANT.**  
 JS2 Brass, scrap.  
 JJ46-8 Brass, metals.  
 S41-2 Brasses, crank and wristpin, engine.  
 EF12 Brazil.  
 F7 Brazing.  
 S29-6 Brazing.  
 S92 Brazing outfits.  
 AO4 **BRAZOS.**  
 P7 Breach of promise.  
 S34 Bread room, boxes, steam proofers.  
 P13-9 Bread and water diet for punishment.  
 A5-7 Break-downs, engineering performance.  
 S11-6 Breakwaters.  
 N15-11 Breakwaters, shore.  
 F21-1 Breaker points, battery coil system engine.  
 S76-1 Breakers, mine circuit.  
 F36-2 Breakers, power distribution circuit.  
 F34-4 Breakers, water, sanitation.  
 SS243 **BREAM.**  
 S11-4 Breast hooks.  
 S64-2 Breast lights.  
 S79-3 Breast plates, machine guns.  
 S41-3 Breathers and carburetors, motor boat engines.  
 F49-1 Breathing apparatus, oxygen.  
 S93 Breathing apparatus, rescue, fire.  
 DD283 **BRECK.**  
 DD148 **BRECKENRIDGE.**  
 S75-2 Breech door and locking gear, torpedo tube.  
 S74-1 Breech mechanism, anti-aircraft guns.  
 S79-2 Breech mechanism, field guns.  
 F41-1 Breech mechanism, machine gun.

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S72-4 Breech mechanism, turret guns.  
 S73-1 Breech mechanisms, broadside guns.  
 DM18 **BREESE** (ex-DD122).  
 EF30 Bremen (Germany).  
 NT4-29 Bremerton, Washington, naval net depot.  
 P17-1 Brevet rank.  
 EN9-96 Brewster Aeronautical Corporation, Long Island City,  
 N. Y., Navy cost inspector.  
 IX3 **BRIARCLIFF** (stricken).  
 P13-3 Bribery.  
 L4-3 Bribery, contracts.  
 N6-28 Brick storehouses.  
 JJ59-4 Bricks.  
 AF1 **BRIDGE**.  
 S71-4 Bridge, control of torpedo fire, directors.  
 S92 Bridge gauges and special tools.  
 AD10 **BRIDGEPORT** (ex-AR2).  
 EN9-113 Bridgeport Brass Co., Bridgeport, Conn., navy cost in-  
 spector.  
 EN8-3 Bridgeport, Conn., inspector of machinery.  
 EN6-3 Bridgeport, Conn., inspector of ordnance.  
 EN9-113 Bridgeport, Conn., navy cost inspector, Bridgeport Brass  
 Co.  
 EN9-169 Bridgeport, Conn., navy cost inspector, Jenkins Bros.  
 S24-6 Bridges.  
 S11-16 Bridges, bridge decks, etc., structural work above com-  
 munication platform.  
 S69 Bridges, testing, electric trip.  
 N15-15 Bridges, transfer (tide).  
 N14-1 Bridges and viaducts.  
 N4-15 Brig (detention house).  
 OA2 Brigadier General (Marine Corps).  
 S25 Bridles, towing.  
 S47 Brine pumps, refrigerating and evaporator.  
 S59 Brine system, pumps, refrigerating system.  
 DD453 **BRISTOL**.  
 EN9-137 Bristol & Martin, Inc., New York, N. Y., navy cost in-  
 spector.  
 EN11-19 Bristol, Pa., inspector naval aircraft.  
 KP147 British Guiana, marine detachment.  
 NH42 British Guiana, naval dispensary.  
 AM58 **BROADBILL**.  
 A6-2 Broadcasting, radio.  
 QV5 Broadcasting stations, commercial.  
 S71-2 Broadside battery fire control, director firing.  
 S73 Broadside guns and mounts.  
 A12-2 Brochures, souvenir.  
 H3-3 Broken parts of vessels etc., obstructing navigation.  
 JJ46-8 Bronze (metals).  
 CL40 **BROOKLYN**.  
 EN4-2 Brooklyn, N. Y., inspector of navigational material.  
 EN6-25 Brooklyn, N. Y., inspector of ordnance, Arma Engineering  
 Co.  
 EN6-7 Brooklyn, N. Y., inspector of ordnance, E. W. Bliss Co.  
 EN6-8 Brooklyn, N. Y., inspector of ordnance, Sperry Gyroscope  
 Co.  
 NP20 Brooklyn, N. Y., naval clothing factory.  
 NH4 Brooklyn, N. Y., naval hospital.  
 NT4-2 Brooklyn, N. Y., naval medical supply depot.

NA24 Brooklyn, N. Y., Naval Reserve aviation base.  
 EN9-123 Brooklyn, N. Y., navy cost inspector, Atlantic Basin Iron Works.  
 EN9-163 Brooklyn, N. Y., navy cost inspector, Robins D. D. & Repair Co.  
 EN9-160 Brooklyn, N. Y., navy cost inspector, Sullivan D. D. & Repair Co.  
 NM21 Brooklyn, So., N. Y. (Old Armory) (Lend-Lease) navy receiving station.  
 NP19 Brooklyn, N. Y., officers' uniform shop.  
 NL7 Brooklyn, N. Y., recruiting station.  
 NT4-1 Brooklyn, N. Y., supply depot.  
 DD232 **BROOKS.**  
 QX6 Brooks, rivers, and creeks.  
 DD210 **BROOME.**  
 S36-5 Brooms, sweeping.  
 N4-7 Brotherhood, Lutheran, building.  
 DD546 **BROWN.**  
 S78-1 Brown powder, ammunition.  
 YP3234 **BROWNING, ELLEN** (stricken).  
 DD518 **BROWNSON.**  
 NR51 Brownsville, Tex., radio station.  
 N15-16 Brows, dump, water-front structure.  
 EF13-8 Brunei.  
 DD329 **BRUCE** (stricken).  
 EF30 Brunswick, Germany.  
 NC74-8 Brunswick, Maine, Bowdoin College, radio school. (Obsolete, see NC111-1.)  
 NC111-1 Brunswick, Maine, Bowdoin College, radio engineering naval training school (officers).  
 S62 Brushes, carbon, motor.  
 S36-5 Brushes, scrubbing.  
 F38-3 Brushing.  
 F41-8 Bubbles, bomb sights.  
 DD131 **BUCHANAN** (stricken).  
 DD484 **BUCHANAN** (new).  
 DD420 **BUCK.**  
 S78-2 Buckets, ammunition handling.  
 S27 Buckets, clamshell.  
 S54-3 Buckets, coal and ash.  
 S77-1 Buckets and cowls, ventilating, gas and smoke warfare.  
 F15-11 Buckets, discharge, water ballast system.  
 S34-2 Buckets, drain, commissary.  
 S75-1 Buckets, gyro, torpedo.  
 S93 Buckets and stands, fire-fighting.  
 S36-1 Buckets, wash, toilet.  
 YN8 **BUCKEYE** (ex-Cottonwood).  
 S12-1 Bucklers, chain and hawse.  
 S72-3 Bucklers, port, turret.  
 YN9 **BUCKTHORN** (ex-Dogwood).  
 L1-1 Budget, appropriations.  
 ET6 Budget bureau.  
 EN9-19 Budget Bureau, Navy detail, Washington, D. C.  
 EN1-1 Budget Office, Navy Department.  
 AD8 **BUFFALO** (stricken).  
 CL99 **BUFFALO** (new).  
 EN22-5 Buffalo, N. Y., branch hydrographic office.  
 EN11-8 Buffalo, N. Y., inspector of naval aircraft, Consolidated Aircraft Co.

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NR11 Buffalo, N. Y., radio-traffic station.  
 NL8 Buffalo, N. Y., recruiting station.  
 EN9-89 Buffalo, N. Y., Sterling Engine Co., navy cost inspector.  
 N33-15 Buffaloes, water.  
 S76-1 Buffer, hydraulic.  
 S73-2 Buffers, broadside mounts.  
 S72-3 Buffers, bumpers, and positive stops, turret fittings.  
 S75-3 Buffers, torpedo.  
 A6-3 Bugle calls.  
 MY Bugler and buglemaster.  
 F8-1 Builders' trials.  
 S8-1 Builders' trials.  
 L12-1 Building associations.  
 L2-5 Building codes.  
 F2-3 Building, expense.  
 N19-17 Building material.  
 JJ59 Building materials, shore.  
 A1 Building programs, public works.  
 N18-1 Building ways.  
 N3 Buildings, administration.  
 N34 Buildings and grounds, construction and maintenance.  
 N9 Buildings, hospital, asylum, medical, and sanitation.  
 N4-5 Buildings for preparation of food, issue of small stores,  
     personnel structures.  
 QO Buildings, public, Federal.  
 N11 Buildings, radio.  
 N5 Buildings, shop structures.  
 N6 Buildings, storage structures.  
 S33-6 Built-in-furniture, except office and medical.  
 S11 Built-in-tanks, hull structural.  
 EF14 Bulgaria.  
 S11-10 Bulges and blisters, structural.  
 S11-5 Bulkhead.  
 S13-3 Bulkhead armor.  
 S48-23 Bulkhead and deck stuffing boxes, pipe fittings.  
 F13 Bulkhead, gull, body group.  
 S43-2 Bulkhead, stuffing boxes, shafting.  
 N15-12 Bulkheads, shore.  
 S75-1 Bulkheads, torpedo group.  
 S72-1 Bulkheads, turret.  
 S12-1 Bull nose.  
 YO46 **BULL WHEEL.**  
 F49-4 Bullet proof vests.  
 P4-1 Bullet wound.  
 S32-9 Bulletin boards.  
 A7-1 Bulletins and circulars, publicity.  
 AM66 **BULLFINCH.**  
 JJ46-13 Bullion, precious metals.  
 L21-2 Bullion, shipment of  
 DD222 **BULMER.**  
 S11-1 Bulwarks.  
 L18 Bumboating.  
 S72-3 Bumpers, buffers, and positive stops, turret fittings.  
 S18-2 Bunk bottoms, canvas.  
 N4-2 Bunkhouses.  
 S93 Bunker, steam fire extinguishers.  
 CV17 **BUNKER HILL.**  
 FG17 Bunker Hill air group.

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S64-4 Bunker lanterns, electric.  
 S29-1 Bunkers, calibration or capacity.  
 S54-1 Bunkers, coal.  
 AMc7 **BUNTING.**  
 S81-1 Buoy lines and anchors, mine channel marking.  
 S29-1 Buoyancy.  
 S65-5 Buoyancy indicators.  
 S48-1 Buoyancy tank.  
 H3-1 Buoy adrift.  
 S26-5 Buoy, anchor.  
 N20-3 Buoy, channel, mooring, and range.  
 S76 Buoy, depth charge and mine.  
 H2-3 Buoy and dolphins, channel, mooring, range and rack.  
 S12-5 Buoy, life.  
 S65-5 Buoy, marker, submarine.  
 S26-5 Buoy, moorings and appliances.  
 S75-3 Buoy, torpedo.  
 A17-15 Burden of proof; issues; degree of proof.  
 OO Bureau chiefs and assistant chiefs.  
 A2-11 Bureau orders (executive action).  
 L4-3 Bureau orders (purchasing).  
 EN28 Bureau of ships.  
 A7-1 Bureau of supplies and accounts, publicity.  
 L13-1 Bureaus, bonding.  
 EN Bureaus of Navy Department.  
 P13-5 Burglary.  
 P6 Burials.  
 S55-4 Burners, fuel-oil.  
 DD299 **BURNES, JOHN FRANCIS** (stricken).  
 DM11 **BURNS** (stricken).  
 DD588 **BURNS** (new).  
 P4-1 Burns, treatment of.  
 KP140 Burns City, Ind., marine barracks.  
 NT1-18 Burns City, Ind., naval ammunition depot.  
 DD29 **BURROWS** (stricken).  
 AP6 **BURROWS, WILLIAM WARD.**  
 NB40 Burrwood, La., section base.  
 S78-1 Burster bags, ammunition charges.  
 F41-6 Bursting charge, bombs.  
 L20-1 Bus lines.  
 S62-1 Busbars, switchboards.  
 DD166 **BUSH** (stricken).  
 DD529 **BUSH** (new).  
 AS15 **BUSHNELL** (new).  
 AS2 **BUSHNELL** (now AG32, Sumner).  
 S72-6 Bushings, trunnion, turret guns.  
 A3-2 Business methods and procedure (organization and management).  
 N4-4 Butcher shop (structure).  
 S34-1 Butcher shop.  
 DD636 **BUTLER.**  
 YN4 **BUTTERNUT.**  
 P15 Buttons, honorable discharge.  
 N12-2 Butts and ranges, rifle.  
 S65-4 Buzzers, interior communication.  
 A3-2 Bylaws, constitution and (organization and management).  
 S41 Bypass valves, main propelling machinery.  
 EN9-157 By-Products Steel Corp., Coatesville, Pa., navy cost inspector.

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S68 C, K, and MV tubes, parts and spares (sound-signaling).  
 YX8 **C. T. B. NO. 6** (ex-Morris) (stricken).  
 F11-1 Cabane struts, wing.  
 S32 Cabinets.  
 S36-2 Cabinets, barber shop.  
 S33-6 Cabinets, china and silver.  
 S35 Cabinets, drying, laundry.  
 S37-2 Cabinets, filing, instrument, medical.  
 S85 Cabinets, photography.  
 S67 Cabinets, receiving, in booths (radio).  
 S85 Cabinets, tables, benches, photography.  
 S33-2 Cabins, dining, officers.  
 S26-5 Cable cutter, anchor.  
 S81-5 Cable-cutting devices.  
 F14 Cable and fittings, axial, structure.  
 A6 Cable service and addresses (communications).  
 QS3 Cable ships, Army.  
 N28-8 Cable systems.  
 S76-1 Cable winding machines, mine firing, wrecking.  
 F32-3 Cables, aileron-control.  
 S26-3 Cables, anchor.  
 S54-3 Cables, coal and ash handling.  
 F22-2 Cables, control, transmission.  
 F17-2 Cables and fittings, car-suspension.  
 F41 Cables, ordnance.  
 N20-7 Cables, piloting (leader systems).  
 F45 Cables, ropes and lines, handling-mooring-towing.  
 CV16 **CABOT**.  
 FG16 Cabot air group.  
 NT2-6 Cabras, Guam, fuel depot.  
 L20-1 Cabs, carriages, motors, etc., hire of.  
 SS170 **CACHALOT**.  
 F38-3 Cadmium finish.  
 AC16 **CAESAR** (stricken).  
 N4-5 Cafeteria.  
 S17-2 Cage, masts and fittings.  
 YT135 **CAHOKIA**.  
 EF13-44 Caicos Island.  
 S91-3 Caissons and cofferdams, repair.  
 N16-3 Caissons, drydock.  
 S34-2 Cake machines.  
 L11-1 Calamities.  
 S29-7 Calculations and curve, strength.  
 F1-5 Calculations and tests, strength, design.  
 DD69 **CALDWELL** (stricken).  
 DD605 **CALDWELL** (new).  
 A10-5 Calendars and almanacs (except nautical).  
 S75-1 Calibrating sprays and springs, torpedo.  
 S73-1 Calibration, broadside guns.  
 S29-1 Calibration or capacity of tanks and bunkers.  
 F31-5 Calibration equipment.  
 S72-4 Calibration, turret guns.  
 A6-2 Calibrations, radio.  
 F31 Calibrators.  
 BB44 **CALIFORNIA**  
 EG5 California.  
 NE11 California City Point, Calif., trial course.

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EW15 California Debris Commission, War Department.  
 EN1-4 California petroleum reserves, inspector's office.  
 IX34 **CALIFORNIA STATE** (stricken).  
 YFB21 **CALISTOGA**  
 S11-1 Calking, outside plating.  
 IX39 **CALL** (now Seattle).  
 S65-4 Call-bell systems.  
 A6-3 Call letters.  
 A17-4 Calls, court.  
 P14-1 Calls for volunteers.  
 S87 Calorimeters.  
 AG35 **CALYPSO**  
 F21-1 Cam and hub, engine.  
 F21-1 Cam-shaft and valve-operating assembly.  
 S41-3 Cams, shafting, motorboat and Diesel engines.  
 S73-3 Cams, sight, broadside guns.  
 S72-7 Cams, sight, turret guns.  
 KP5 Camaguey, Cuba, marine post.  
 KP6 Camaguey headquarters marine detachment.  
 S11-6 Camber, deck.  
 EF28-3 Cambodia.  
 NC111-2 Cambridge, Mass., radio engineering naval training school,  
 Massachusetts Institute of Technology (Officers).  
 IX42 **CAMDEN** (ex-AS6).  
 EN8-6 Camden, N. J., inspector of machinery.  
 EN6-13 Camden, N. J., inspector of ordnance.  
 EN9-58 Camden, N. J., navy cost inspector, Camden Forge Co.  
 EN9-44 Camden, N. J., navy cost inspector, New York S. B. Cor-  
 poration.  
 EN9-129 Camden, N. J., Navy cost inspector, Radio Corp. of  
 America.  
 EN25-9 Camden, N. J., supervisor of shipbuilding, New York S. B.  
 Corporation.  
 EN25-39 Camden, N. J., supervisor of shipbuilding, R. T. C. Ship  
 Building Corporation.  
 N15-5 Camels and dolphins, landing (water-front structures).  
 S82-19 Camels and pontoons (other than salvage).  
 F41-10 Camera gun and films.  
 F1-2 Camera obscura, design.  
 S85 Cameras.  
 F44-2 Cameras, motion picture and still, photography.  
 EF13-29 Cameroon (British).  
 EF28-5 Cameroon (French).  
 YFB683 **CAMIA**  
 A16-3 Camouflage (warfare operations).  
 F39-5 Camouflage.  
 S19-7 Camouflage.  
 KP144 Camp Elliott, Calif., marine barracks.  
 KP125 Camp Rapidan, Va., marine camp.  
 P15 Campaign badges.  
 A16-3 Campaigns, expeditions, warfare operations.  
 P9-1 Campaigns, political.  
 N9-7 Can storage buildings.  
 S59-4 Cans, ice making.  
 S73-3 Cans, sights, broadside guns.  
 S92 Cans, trash, waste and oil.  
 NT4-7 Canacao, P. I., medical supply depot.  
 NH19 Canacao, P. I. Naval Hospital.  
 EF13-39 Canada.

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L14-2 Canal tolls.  
 QX7 Canals.  
 H1-12 Canals and rivers.  
 AMc25 **CANARY**  
 YN38 **CANASATEGO.**  
 L12-1 Canceled, altered, or destroyed checks.  
 P14-2 Cancellation of appointment.  
 L4-3 Cancellation of contracts (purchasing).  
 P19-1 Cancellation of enlistments, discharge.  
 P16-4 Cancellation of orders.  
 L8-2 Cancellation of requisitions.  
 L20-2 Cancellation of transportation.  
 L10-6 Cancellations, cost-plus contracts, cost inspections (accounting).  
 A10-3 Cancellations and withdrawals (publications).  
 P3-1 Cancers and tumors  
 P14 Candidates for appointment.  
 F41-15 Candles, smoke.  
 N5-48 Cane fender shop.  
 S18-1 Cane, wood, cork, fenders, rope (portable).  
 S77-1 Canisters and fuses, gas and smoke warfare.  
 YT187 **CANONICUS.**  
 S71-2 Canopies, broadside director tower.  
 AS9 **CANOPUS.**  
 S24-6 Canopy, bridge.  
 S12-2 Canopy frames.  
 S11-3 Cant frames.  
 S30-1 Canteen.  
 N4-6 Canteen commissary building.  
 S79-4 Canteens, landing-force equipment.  
 JF Canteens.  
 NP27 Canton, Ohio, Naval ordnance plant.  
 EN9-59 Canton, N. J., navy cost inspector, Westinghouse E. & M. Co.  
 S18 Canvas, awnings and rigging.  
 S14-3 Canvas, deck.  
 S72-6 Cap squares, turret guns.  
 S29-1 Capacity or calibration of tanks and bunkers.  
 L24 Capacity and output of manufacturing establishments.  
 NE3 Cape Ann, Mass., trial course.  
 NX2 Cape Elizabeth, Maine, radio direction-finder station.  
 EF13-27 Cape of Good Hope.  
 KP123 Cape Haitien, Haiti, marine post.  
 NX22 Cape Hatteras, N. C., radio direction-finder station.  
 NR36 Cape Hatteras, N. C., radio traffic station.  
 NX16 Cape Henlopen, Del., radio direction-finder station.  
 NX58 Cape Hinchinbrook, Alaska, radio direction-finder station.  
 NX23 Cape Lookout, N. C., radio direction-finder station.  
 NR65 Cape Mala, C. Z., radio traffic station.  
 NA5 Cape May, N. J., naval air station.  
 NX13 Cape May, N. J., radio direction-finder station.  
 NR20 Cape May, N. J., radio traffic station.  
 NB39 Cape May, N. J., section base.  
 AK13 **CAPELLA.**  
 GL Capitol, United States.  
 DD550 **CAPPS.**  
 F14-1 Caps, bow.  
 F27-1 Caps, filler, fuel tanks.  
 S71-8 Caps, focusing and telescopic.

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S78-1 Caps, fuse, primer, projectile, ammunition.  
 S44 Caps, propeller.  
 N16-9 Capstans, drydock.  
 N20-4 Capstans, mooring.  
 S20 Capstans and winches.  
 S71-8 Captain target designation system, fire control.  
 ON5 Captain of the yard.  
 OL4 Captains.  
 OA6 Captains, Marine Corps.  
 JE2 Captains' mess.  
 S32-1 Captain's office.  
 S24-7 Captains' reading glass.  
 A16-3 Capture (war).  
 P6-1 Captured in action, reports of  
 A12-1 Captured records.  
 YCF Car floats.  
 L20-1 Car lines, elevated.  
 L21-4 Car orders, situations, shipments and seals.  
 F17 Car structure and suspension.  
 F45-3 Car, taxving, moor.  
 AMc40 **CARACARA.**  
 S63-5 Carbon brushes, motor.  
 JC6 Carbon dioxide.  
 S59-1 Carbon dioxide ice machine.  
 S51-3 Carbon dioxide recorder for boilers.  
 F34-6 Carbon dioxide and tetrachloride.  
 S66 Carbons, searchlight.  
 F31-1 Carburetor thermometers.  
 S41-3 Carburetors and breathers, motorboat engines.  
 F21-1 Carburetors, engine.  
 S32-9 Card cabinets.  
 S88-2 Card holders, damage control.  
 S32-9 Card index, filing, stationery, cabinets.  
 P1-5 Cards, outline finger and identification.  
 P10-3 Cards, playing.  
 S77-1 Cardboard cartridges and chemicals, gas and smoke war-  
 fare.  
 N6-25 Cardboard and paper, storage of.  
 NP21 Carderock, Md., David W. Taylor model basin.  
 AM6 **CARDINAL** (stricken).  
 AM67 **CARDINAL** (new).  
 L9 Care and preservation.  
 P13-4 Careless handling of firearms.  
 S17-1 Cargo booms and fittings.  
 S27 Cargo hatch davit and crane and gear complete, handling  
 and appliances.  
 S14-1 Cargo holds, tank top coverings in.  
 L21-4 Cargo lists and reports.  
 S16-2 Cargo, ports.  
 AK Cargo ships.  
 L13-2 Cargo, ships and personnel, insuring.  
 S30-1 Cargo spaces.  
 S47 Cargo and wrecking pumps.  
 L21-4 Cargoes, methods of shipment.  
 AT78 **CARIB.**  
 NG5 Caribbean naval coastal frontier forces.  
 EN6-32 Carl Worden, New York, N. Y., inspector of ordnance.  
 S11-6 Carlings.  
 DD493 **CARMICK.**

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S37-2 Cases, toilet, for sick bay.  
 L12-1 Cash.  
 L6-2 Cash advances.  
 S53 Casing fan, blower.  
 S51-2 Casing and furnace fittings, boilers.  
 S42 Casing, housing and frames, reduction gear.  
 S41 Casing and steam chests, flywheels, Diesel engine, turbines.  
 YO47 **CASINGHEAD.**  
 S11-5 Casings, flameproof.  
 S12-5 Casings, pipe (ship).  
 S42 Casings, reduction gear.  
 S43-1 Casings, shafting.  
 P6-4 Caskets, burial.  
 DD43 **CASSIN** (stricken).  
 DD372 **CASSIN** (new).  
 S71-8 Castings, aluminum.  
 S86-3 Castings, backing out, drill shell.  
 S73 Castings, broadside guns.  
 S48-23 Castings and connections, bulkhead and deck, plumbing.  
 F16 Castings, fins and rudder.  
 S11-8 Castings, hull, structural.  
 S75-1 Castings, torpedo.  
 S72-6 Castings, turret guns.  
 AKS1 **CASTOR.**  
 YFB621 **CASTRO** (stricken).  
 P6-1 Casualties and death.  
 A5 Casualties, engineering and gunnery performances.  
 L11 Casualties and salvage.  
 S88-2 Casualty boards.  
 N2-3 Cat walks (highways).  
 L7-2 Catalogue, Federal and standard stock.  
 L4-1 Catalogues of firms (purchasing).  
 YN5 **CATALPA.**  
 F13-4 Catapulting, provision for.  
 S83-2 Catapults and gear (ship).  
 AT68 **CATAWBA** (now Arapaho).  
 YT32 **CATAWBA** (new).  
 AM68 **CATBIRD.**  
 N2-2 Catch basins, street.  
 AK45 **CATHERINE** (now AP41, Stratford).  
 AP19 **CATLIN** (stricken).  
 CM6 **CATSKILL.**  
 NX55 Cattle Point, Wash., radio direction-finder station.  
 A14-5 Causes of war.  
 F20-1 Caustic soda, inflation.  
 P13-9 Caution, letters of.  
 SS244 **CAVALLA.**  
 EW4 Cavalry, chief of.  
 A17-5 Caveat, law and justice.  
 NT1-12 Cavite, P. I., ammunition depot.  
 NC61 Cavite, P. I., fleet radio school.  
 KP7 Cavite, P. I., marine post.  
 NT3-3 Cavite, P. I., mine base.  
 NT7-4 Cavite, P. I., motion-picture exchange.  
 NF3 Cavite, P. I., naval prison.  
 NM15 Cavite, P. I., naval receiving ship.  
 NB15 Cavite, P. I., naval submarine base.  
 NY11 Cavite, P. I., Navy Yard (ex-NS10).  
 NR94 Cavite, P. I., radio traffic station.

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NA76 Cavite, P. I., Sangley Point, naval air station.  
 NT5-13 Cavite, P. I., torpedo depot.  
 NR12 Cayey, P. R., radio station.  
 EF13-44 Caymen Islands.  
 YT12 **CAYUGA** (stricken).  
 S71-8 Cease firing gongs, fire-control.  
 NA29-1 Cecil Field, Jacksonville, Fla., naval auxiliary base field.  
 S38-1 Ceiling fans, bracket and desk.  
 S39-1 Ceiling or interior sheathing.  
 N39-1 Ceiling projector lights, air station.  
 S39-2 Ceilings, cork backed and painted.  
 N19-2 Ceilings, floors, and walls, buildings.  
 A15-2 Celebrations.  
 S48-1 Cellar-drainer pumps.  
 F18-6 Cellophane.  
 JJ59-3 Cement.  
 S14-2 Cement, deck.  
 F18-6 Cement gas-cell fabric.  
 N34-16 Cement guns, shore.  
 F19 Cement, main body, stern and bow cover.  
 S19 Cement paint, protection and filling.  
 N6-20 Cement storehouses.  
 P6-6 Cemeteries.  
 A7 Censorship and publicity.  
 P13-9 Censure, letters of.  
 EC6 Census, Bureau of, Department of Commerce.  
 A9-10 Census statistics.  
 F1-5 Center of gravity, final design.  
 S73-1 Center of gravity, guns and mounts, broadside guns.  
 S72-4 Center of gravity, guns and mounts, turret guns.  
 S78-1 Center of gravity, projectile ammunition.  
 YX17 **CENTER, ROBERT** (stricken).  
 F11-1 Center section panels, wing.  
 S72-3 Centering pins, turrets.  
 S11-4 Centerline keelson.  
 NP29 Centerline, Mich., naval ordnance plant.  
 EN9-116 Centerline, Mich., navy cost inspector, Hudson Motor  
     Car Co.  
 S75-2 Centerline torpedo tubes.  
 NP26 Centerville, Minn., naval ordnance plant.  
 QG2-4 Central America or Central American republics.  
 KR1 Central Division, Marine recruiting corps.  
 KT1 Central Division, Marine Reserve detachment.  
 EN9-22 Central sales board, Washington, D. C.  
 S65-7 Central station, interior communication.  
 NL44 Central and west central divisions, Navy recruiting in-  
     spectors.  
 H7 Central time.  
 A3-1 Centralization.  
 F21-1 Centrifugal, supercharger.  
 ES22 Ceremonials, officer in charge of, State Department.  
 A15 Ceremonies and honors.  
 F6-2 Ceremonies, launching.  
 S6-2 Ceremonies, launching.  
 P12-2 Ceremonies, religious.  
 A15-1 Ceremony, visits of.  
 SS225 **CERO**.  
 S29-11 Certificate of admeasurement.  
 P1-3 Certificate, birth.

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P19-1	Certificate, of discharge, and in lieu of lost discharge.
P11-1	Certificates of attainment, graduation, school, etc.
L6-2	Certificates on dealers bills.
P6-2	Certificates, death.
L12-1	Certificates of deposit and checks.
P14-2	Certificates of eligibles.
L13-2	Certificates, insurance.
S29-11	Certificates, tonnage.
P20-2	Certificates of war service, personnel.
P14-2	Certification for appointments.
L10-6	Certification of cost charges (cost-plus contracts).
P6-5	Certification, memorial.
P15	Certifications of merit, for wounds.
L6-2	Certified bills.
A6-5	Certified copies, correspondence.
A14-7	Cessions, territory and others.
EF13-9	Ceylon (British).
AMc41	<b>CHACHALACA.</b>
AM81	<b>CHAFFINCH.</b>
S14-4	Chafing plates, deck.
S12-5	Chafing strips for boat falls.
S78-2	Chain, ammunition handling.
S26-3	Chain, anchor.
P17-1	Chain of command.
S92	Chain falls and hoists.
S12-1	Chain pipes and bucklers.
N5-22	Chain shop.
N5-8	Chain storehouse.
S26	Chains, anchor, controllers, lockers, stoppers, tierer, mooring.
S81-2	Chains, blocks, fittings, and ropes, rigging, paravanes.
N20-12	Chains, buoys, anchors, nets, etc., for submarine defense.
S18-1	Chair, boatswain's.
S36-2	Chairs, barber.
S33-6	Chairs, cushions and hammocks.
S37	Chairs, dental, medical.
F34	Chairs, desk and table.
S32-9	Chairs, office.
N37-4	Chairs, tables, beds, etc., household.
N38-4	Chairs, tables, beds, etc., nonhousehold.
YT126	<b>CHALLENGE</b> (ex-AT59).
P13-4	Challenge, fighting (misconduct and discipline).
A17-11	Challenge of members (court-martial).
S94	Chamber, recompression, salvage.
S48-23	Chambers, air, piping.
S73-1	Chambers, broadside guns.
S51-1	Chambers, combustion, boilers.
S72	Chambers, expansion, turret gun slides.
N4-9	Chambers, gas, fire-rescue training.
DD104	<b>CHAMPLIN</b> (stricken).
DD601	<b>CHAMPLIN</b> (new).
AV10	<b>CHANDELEUR.</b>
DMS9	<b>CHANDLER</b> (ex-DD206).
A6-4	Change of address, mail, ships and aircraft.
F40-1	Change in designation.
P1	Change, name and address (personnel).
P16	Change of orders and stations (assignment and details).
S28-1	Changes in designation and nomenclature.
S1-6	Changes from design of shipbuilding.

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F4-1 Changes of service, work, air, light, electricity, etc.  
 F1-3 Changes in specifications.  
 L2-1 Changes in specifications.  
 EF13-3 Channel Islands (British).  
 S81-1 Channel marking, mine, buoy lines and anchors.  
 N20-3 Channel, mooring, and range buoys.  
 H1-2 Channels (reports of dredging).  
 QX4 Channels (narrows), straits and sounds.  
 N8-5 Channels, water, experimental and model tanks and basins.  
 ASR7 **CHANTICLEER** (new).  
 AMc60 **CHANTICLEER** (now YF318).  
 N4-7 Chapels.  
 N4-7 Chaplain's building.  
 S32-1 Chaplain's office.  
 EW8 Chaplains, Chief of, War Department.  
 P19-1 Character of discharge.  
 A17-15 Character evidence, court-martial.  
 P1-6 Character and habits.  
 S1-1 Characteristics, chief.  
 P1-5 Characteristics, physical.  
 JJ4-8 Charcoal.  
 F36-12 Charge and discharge indicators.  
 S78-1 Charges, booster, burster, ignition, powder, saluting ammunition  
 L6-2 Charges, carrying, disbursing.  
 L10-3 Charges, cost-plus contrasts, fixed, industrial accounting.  
 S86-3 Charges and depth-charges, dummy and drill.  
 S75-2 Charges, impulse torpedo tube.  
 L21-2 Charges and rates, storage on shipment.  
 S4 Charges, service, in connection with work (air, light, electricity, water).  
 A17-13 Charges and specifications; for trial in joinder, court martial.  
 S76-3 Charges, wrecking.  
 S62-1 Charging station, storage battery.  
 P8-2 Charitable associations and institutions.  
 DD294 **CHARLES AUSBURN** (stricken).  
 DD570 **CHARLES AUSBURN** (new).  
 DD428 **CHARLES F. HUGHES**.  
 CA19 **CHARLESTON** (stricken).  
 PG51 **CHARLESTON** (new).  
 EN25-37 Charleston S. B. & D. D. Co., Charleston, S. C., supervisor of shipbuilding.  
 NB70 Charleston, S. C., advance base depot.  
 NT1-8 Charleston (Berkeley Co.), S. C., ammunition depot.  
 EN9-83 Charleston, S. C., navy cost inspector, Charleston S. B. & D. D. Co.  
 EN25-37 Charleston, S. C., supervisor of shipbuilding, Charleston S. B. & D. D. Co.  
 KP8 Charleston, S. C., marine post.  
 NA52 Charleston, S. C., naval air station.  
 NH9 Charleston, S. C., naval hospital.  
 NT4-17 Charleston, S. C., naval net depot.  
 NM11 Charleston, S. C., naval receiving ship.  
 NY7 Charleston, S. C., Navy Yard.  
 NC74-2 Charleston, S. C., radio school.  
 NR37 Charleston, S. C., radio traffic station.  
 NB24 Charleston, S. C., section base.  
 NT5-6 Charleston, S. C., torpedo depot.

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CA12 **CHARLOTTE** (stricken).  
 DD581 **CHARRETTE**.  
 S24 Chart boards, pilot house, lockers.  
 S37-2 Chart holders, clinical.  
 S24-6 Charthouse bridge or platform.  
 F31 Charts, chart boards.  
 H1-3 Charts and hydrographic publications, portfolios.  
 A3-1 Charts, organization.  
 P1-5 Charts and records, identification.  
 H1-25 Chartered positions, hydrographic.  
 L4-3 Charters.  
 DD323 **CHASE** (stricken).  
 PC Chasers, submarine.  
 F13-2 Chassis, land.  
 AP31 **CHATEAU THIERRY**.  
 NA1 Chatham, Mass., naval air station.  
 NX6 Chatham, Mass., radio direction-finder station.  
 NR5 Chatham, Mass., radio station.  
 CL18 **CHATTANOOGA** (stricken).  
 AMc16 **CHATTERER**.  
 AP5 **CHAUMONT**.  
 DD296 **CHAUNCEY** (stricken).  
 P13-2 Cheating (conduct, offenses against authority).  
 S79-2 Check and drag ropes, field guns.  
 S88-2 Check-off list, compartment, damage control.  
 S51 Check plates and valves, boiler.  
 S71-4 Check-sight, torpedo tube, telescopes.  
 F18-5 Check valves, air scoops.  
 F2 6-3 Check valves, oil temperature control.  
 L12-1 Checks and drafts, banks and banking.  
 S78-1 Checks, gas, projectile ammunition.  
 L16 Checks, pay.  
 P13-3 Checks, worthless.  
 L6-1 Checkages, receipts and deliveries.  
 L6-9 Checkages of allowances.  
 P10-3 Checkers (games).  
 P18-2 Checking time (hours of labor).  
 S51-2 Cheek, arch and dead plates, boiler.  
 YT175 **CHEKILLI**.  
 KP9 Chelsea, Mass., marine post.  
 NH2 Chelsea, Mass., naval hospital.  
 NR103 Cheltenham, Md., naval radio traffic station.  
 S93 Chemical fire extinguishers.  
 N8-11 Chemical laboratories.  
 P2-3 Chemical sterilization, prevention of disease.  
 A16-3 Chemical warfare.  
 S77-1 Chemical-warfare agents.  
 EW21 Chemical Warfare Service, Chief of, War Department.  
 S85 Chemicals and acids, photographic.  
 F44-2 Chemicals and acids, photographic.  
 S77-1 Chemicals and cartridges, gas and smoke warfare.  
 P3-4 Chemistry.  
 EA12 Chemistry and Soils, Bureau of, Department of Agriculture.  
 AT18 **CHEMUNG** (stricken).  
 YT124 **CHEMUNG** (stricken).  
 AO30 **CHEMUNG** (new).  
 AO31 **CHENANGO**.  
 IX52 **CHENGHO**.  
 DD637 **CHERARDI**.

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AT66 **CHEROKEE.**  
 P10-3 Chess.  
 P2-5 Chest measurement, physical examination.  
 CL1<sup>+</sup> **CHESTER** (stricken).  
 CA27 **CHESTER** (new).  
 EN9-54 Chester, Pa., navy cost inspector, Sun Shipbuilding Co.  
 S41 Chests, casing, steam, valve turbines.  
 S48-23 Chests and connections, sea, fittings.  
 S30-3 Chests, deck.  
 S73-2 Chests, division, broadside guns.  
 S72-3 Chests, gun, turret.  
 S46-5 Chests, water condenser.  
 YN6 **CHESTNUT.**  
 DD451 **CHEVALIER.**  
 DD106 **CHEW.**  
 JJ56-4 Chewing tobacco.  
 ASR3 **CHEWINK** (ex-AM39).  
 IX4 **CHEYENNE** (ex-BM10) (stricken).  
 CL86 **CHEYENNE** (new).  
 CA29 **CHICAGO.**  
 EN9-106 Chicago Heights, Ill., navy cost inspector, American Locomotive Works.  
 EN22-14 Chicago, Ill., branch hydrographic office.  
 NA18 Chicago, Ill., Glenview, naval reserve aviation base.  
 EN8-20 Chicago, Ill., inspector of engineering material.  
 EN24-9 Chicago, Ill., inspector naval material.  
 EN6-20 Chicago, Ill., inspector of ordnance.  
 EN9-138 Chicago, Ill., navy cost inspector, Amertorp Corp.  
 NL21 Chicago, Ill., recruiting station.  
 EN25-20 Chicago, Ill., supervisor of shipbuilding, Henry C. Grebe & Co., branch of Manitowoc S. B. & D. D. Co., Manitowoc, Wis.  
 NC74-3 Chicago, Ill., signal school.  
 AM59 **CHICKADEE.**  
 EN9-37 Chickasaw, Ala., navy cost inspector, Gulf Shipbuilding Corporation.  
 EN25-26 Chickasaw, Ala., supervisor of shipbuilding, Gulf Shipbuilding Corporation.  
 EN1-5 Chief Clerk, Navy Department.  
 ET6-1 Chief Coordinator, Budget Bureau.  
 JE6 Chief petty officers' mess.  
 S33-3 Chief petty officers' messroom.  
 N4-1 Chief petty officers' quarters.  
 OF28 Chief of staff (afloat).  
 OO Chiefs of bureaus and assistants.  
 P8-1 Child labor.  
 AVD1 **CHILDS** (ex-DD241; ex-AVP14).  
 P7 Children.  
 A17-15 Children, court-martial.  
 A14-3 Children, treatment of  
 P13-6 Children and women, traffic in, white slavery.  
 EL7 Children's Bureau, Department of Labor.  
 P3-1 Children's diseases.  
 EF15 Chile.  
 S13-1 Chill armor.  
 AMc42 **CHIMANGO.**  
 N7-9 Chimneys, stacks, and flues, power plants.  
 EF16 China.  
 S33-6 China cabinets.

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EN9-4 China, navy purchasing and disbursing office.  
 AVP24 **CHINCOTEAGUE.**  
 QW15 Chinese Expedition.  
 YN12 **CHINQUAPIN.**  
 AT69 **CHIPPEWA.**  
 P3-3 Chiropody.  
 S92 Chisels.  
 JC5 Chloride.  
 N25-4 Chlorinators, shore.  
 S82-1 Chocks, boat.  
 S12-1 Chocks and foundations, mooring.  
 S55-1 Chocks for oiling at sea (ship).  
 S81-2 Chocks, paravanes, (ship).  
 YT114 **CHOCTAW** (stricken).  
 AT70 **CHOCTAW** (new).  
 EN9-114 Choctaw Boat Works, Inc., Mobile, Ala., navy cost  
 inspector.  
 NR69 Chollas Heights, Calif., radio station.  
 YT36 **CHOPTANK.**  
 S6-2 Christening (ship).  
 YT106 **CHRISTINE** (stricken).  
 A6-4 Christmas boxes, mailing of.  
 P18 Christmas holiday.  
 EF13-13 Christmas Island (British).  
 F38-3 Chromium finish.  
 A12-1 Chronicles.  
 S87 Chronographs for measuring velocities.  
 S24-7 Chronometer box, triple.  
 F31-3 Chronometers.  
 EN6-40 Chrysler Corporation, Detroit, Mich., inspector of ordnance.  
 S21 Chucks and sockets, drill.  
 EN11-23 Chula Vista (San Diego), Calif., resident inspector of naval  
 aircraft.  
 N4-7 Churches.  
 S54-2 Chutes, ash, built-in, portable and metal, ash handling.  
 S18-2 Chutes, ash and coal, canvas.  
 F41-5 Chutes, machine gun.  
 S72-10 Chutes, powder, turret.  
 S36-4 Chutes, slop.  
 EN9-49 Cicero, Ill., navy cost inspector, Danby Mach. Specialists,  
 Inc.  
 JJ56-4 Cigarettes and cigars.  
 AO22 **CIMARRON.**  
 YN7 **CINCHONA.**  
 CL6 **CINCINNATI.**  
 EN8-19 Cincinnati, Ohio, inspector of engineering material.  
 EN24-8 Cincinnati, Ohio, inspector naval material.  
 EN9-174 Cincinnati, Ohio, navy cost inspector, American Tool  
 Works Co.  
 EN9-79 Cincinnati, Ohio, navy cost inspector, King Machine &  
 Tool Co.  
 NL22 Cincinnati, Ohio, recruiting station.  
 A6-3 Cipher codes and letters.  
 N36-10 Ciphing and deciphering machines (coding and decoding).  
 S24-7 Circles, azimuth, dip.  
 S73-2 Circles, deck, broadside mounts.  
 S79-1 Circles and mounts, boat guns.  
 F36-2 Circuit breakers.  
 S76-1 Circuit breakers, firing mine and closers.

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S62-2 Circuit breakers, electric distribution.  
 GR Circuit Court of Appeals of the United States.  
 GX1 Circuit courts, State.  
 S28-3 Circuit marking.  
 F39-3 Circuit marking, electric.  
 S71-4 Circuits, firing, torpedo.  
 S28-3 Circuits, marking for, paintings and tagging.  
 A2-11 Circular letters, departmental.  
 L4-2 Circular of requirements (purchasing).  
 L3 Circulars, advertising.  
 A7-1 Circulars, bulletins, and publicity.  
 N23-8 Circulating loops.  
 S24-9 Circulating machine, dry air motor (periscope navigational).  
 S47 Circulating pumps, condenser.  
 S58 Circulating pumps, distilling condenser.  
 S65-4 Circulating water, low-pressure alarm system.  
 P2-5 Circulation, blood.  
 S51-3 Circulators, boiler.  
 P3-1 Circulatory system, diseases of.  
 A17-15 Circumstantial, direct evidence, court martial.  
 N25-2 Cisterns and wells, shore.  
 P15 Citations, medals, commendations.  
 EW26 Citizens' military training camps.  
 EN26 Citizens' naval training camp, inspectors.  
 A14-3 Citizens' protection, foreign countries.  
 P1-4 Citizenship and race.  
 A10-4 City directories.  
 EM City governments.  
 NR101 City of Panama, radio traffic station.  
 EU Civil Aeronautics Authority.  
 P19 Civil court sentence, discharge for.  
 A17-4 Civil courts, judicial powers, functions.  
 EN1-7 Civil disbursing officer, Navy Department.  
 P14 Civil employment, application for, age limit for.  
 OE Civil Engineer Corps, commissioned and assistant.  
 LL Civil establishment and personnel.  
 A17 Civil jurisdictions, special, law and justice, penal codes and revised statutes.  
 LA-LV Civil personnel.  
 P16-3 Civil personnel and officers, outside employment.  
 A17 Civil process, service of, on Navy personnel.  
 GO Civil Service Commission.  
 QW7 Civil War.  
 QD5 Civilian bands.  
 JJ55-1 Civilian clothing for discharged prisoners.  
 N4-1 Civilian employees' quarters.  
 L16-7 Civilian employees occupying Government quarters.  
 EE8 Civilian defense, office of.  
 LL Civilian groups.  
 P13-2 Civilian inhabitants, ill treatment of, misconduct by.  
 A17-15 Civilian witnesses, attendance of, court martial.  
 A16-2 Civilized warfare, methods of.  
 A13-4 Claims (patents).  
 L11 Claims, appreciation, depreciation and disposition.  
 L6-2 Claims and compensations.  
 P13-3 Claims, false (misconduct and discipline).  
 L11 Claims of property damage, of and by the Government departments.  
 L20-3 Claims, travel.

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S12-5 Clamps, beam.  
 S75-2 Clamps, torpedo tubes.  
 S27 Clamshell buckets.  
 YP185 **CLARINDA** (stricken).  
 DD361 **CLARK**.  
 S78-1 Class B projectiles, ammunition.  
 F40-1 Class, designations.  
 L82 Class requisitions.  
 P20-2 Class standing.  
 S28-1 Class or type of ship, change in (conversion).  
 L21 Classification, freight and cargo rates, shipments.  
 L21-3 Classification, freight, shipments.  
 A5-9 Classification of guns.  
 L10-3 Classification of naval stores and group classification (accounting).  
 P17-2 Classification of personnel.  
 EP8 Classification, Post Office Department.  
 L20-5 Classification for rate-making purposes (personnel travel).  
 L2-1 Classification, specification.  
 DD140 **CLAXTON** (stricken).  
 DD571 **CLAXTON** (new).  
 S92 Cleaners, tube, staves, expanders, tools.  
 L9-1 Cleaning.  
 S71-8 Cleaning apparatus.  
 F38 Cleaning compounds, painting.  
 S72-3 Cleaning devices, gun, turrets.  
 S36-5 Cleaning equipment.  
 N40 Cleaning equipment and fuel-oil tanks, shore.  
 S16-6 Cleaning and painting stages.  
 S19-4 Cleaning, pickling, etc.  
 S91-1 Cleaning room, airplane engines.  
 S26 Clear hawse davits and pendants.  
 S41-1 Clearance gauges, turbine.  
 L21-4 Clearance papers.  
 H3-9 Clearance of structures over navigable waters.  
 A4-3 Clearances, ship and aircraft.  
 N6-46 Clearinghouse, stores.  
 S18-1 Clearing lines.  
 S82-1 Cleats, boat.  
 S12-1 Cleats and foundations, mooring.  
 S75-3 Cleats, torpedo handling.  
 P13-10 Clemency.  
 A17 Clemency board and reviewing authority, courts martial.  
 AVD4 **CLEMSON** (ex-DD186).  
 A17-11 Clerical assistance, reporter, interpreter; courts martial.  
 LO Clerical service.  
 CL21 **CLEVELAND** (stricken).  
 CL55 **CLEVELAND** (new).  
 EN22-15 Cleveland, Ohio, branch hydrographic office.  
 EN8-38 Cleveland, Ohio, inspector of machinery, General Motors Corporation.  
 EN11-12 Cleveland, Ohio, inspector of naval aircraft.  
 EN24-15 Cleveland, Ohio, inspector of naval material.  
 EN9-105 Cleveland, Ohio, navy cost inspector, Barth Stamping & Machine Works.  
 NR61 Cleveland, Ohio, radio traffic station.  
 NL38 Cleveland, Ohio, recruiting station.  
 EN25-21 Cleveland, Ohio, supervisor of shipbuilding, American S. B. Co.

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H4-10 Climatology, weather averages and statistics.  
 F31-1 Climb indicator, rate of.  
 S79-4 Climbing irons.  
 S37-2 Clinical chart holders.  
 P11-1 Clinics, educational.  
 S29-3 Clinometer, telescopic.  
 S24-7 Clinometers.  
 NC103 Clinton, Ontario, Canada, U. S. Naval detachment, No.  
     31, radio school.  
 A7-1 Clippings, press, publicity, ships and aircraft.  
 S72-3 Clips and bolts, holding-down, turrets.  
 S73-2 Clips, holding-down, broadside guns.  
 F31-1 Clocks.  
 S71 Clocks, fire-control.  
 S24-7 Clocks, navigating.  
 S71-8 Clocks, range and time of flight.  
 N36-3 Clocks, shore.  
 S24-7 Clocks and watches.  
 A14 Closed ports, closing navigation (foreign policy).  
 S34-2 Closet, warming.  
 S36-1 Closets.  
 A17-14 Closing argument, courts martial.  
 A4-2 Closing of shore stations, ships and aircraft.  
 F43-1 Cloth, silk and substitutes, parachute.  
 F14 Cloth taping, structure.  
 S85 Clothes and chemical lockers, photography.  
 S33-6 Clothes hangers and lockers.  
 S32-9 Clothes, instrument, key, and athletic-gear lockers.  
 S18-1 Clotheslines.  
 F49-4 Clothing, crew, asbestos.  
 NP20 Clothing factory, Brooklyn, N. Y.  
 N5-40 Clothing factory and repair shops.  
 S77-2 Clothing, gas protective.  
 P2-3 Clothing, infected (preventive medicine).  
 EN9-20 Clothing inspector.  
 N6-50 Clothing storehouse.  
 JJ55 Clothing, uniforms, outfits, and small stores.  
 LG Clothing worker's service.  
 S18-2 Cloths, weather canvas.  
 P8-2 Clubs (associations).  
 P10-1 Clubs, gunning and guns (athletics).  
 N4-8 Clubhouse.  
 F21-1 Clutch band, impeller.  
 S65-5 Clutch indicators.  
 S22 Clutch, magnetic, steering and diving, submarine.  
 S43-1 Clutch, propeller shaft, shifting gear, submarine.  
 S41-6 Clutches, engines.  
 F22-1 Clutches, engine transmission.  
 S73-2 Clutches, friction, broadside mounts.  
 S72-9 Clutches, friction, gun-elevating, turret gun.  
 JJ7-1 Coal.  
 S18-2 Coal and ash canvas chutes.  
 S54 Coal and ash handling and stowage.  
 S54-1 Coal, bins and bunkers.  
 S34-2 Coal box, galley.  
 N30-5 Coal cars.  
 NT2 Coal depots.  
 S51-5 Coal firing apparatus.

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N15-1 Coal piers.  
 NZ6 Coal reserves (reservations).  
 N6-36 Coal sheds.  
 L9-6 Coal storage, subaqueous.  
 S17-1 Coaling booms, towers and fittings.  
 S54-1 Coaling, chutes, screens, stays, trunks.  
 N24-1 Coaling plants.  
 F13-1 Coaming, hull.  
 S11-6 Coamings, deck.  
 S73-2 Coamings, gun-port, broadside mounts.  
 EW6 Coast Artillery Chief of.  
 IX6 **COAST BATTLESHIP NO. 4** (ex-BB4; stricken).  
 EC11 Coast and Geodetic Survey, Department of Commerce.  
 QS12 Coast and Geodetic Survey ships.  
 ET14 Coast Guard.  
 QS13 Coast Guard ships.  
 A17-11 Coast Guard personnel, qualifications as members of court-martial.  
 FE19 Coastal force.  
 NG Coastal frontier forces, naval.  
 AMc Coastal mine sweepers.  
 S19-6 Coating, fuel oil, etc.  
 EN9-157 Coatesville, Pa., navy cost inspector, By-Products Steel Corp.  
 A12-4 Coats of arms.  
 N4-12 Cobbler's shop.  
 SS245 **COBIA**.  
 AMc8 **COCKATOO**.  
 YN47 **COCKENOE**.  
 F13-1 Cockpit enclosures, fuselage.  
 F49-9 Cockpit and engine covers.  
 S41 Cocks, drain, main propelling machinery.  
 S51-3 Cocks, drain, test, boiler.  
 F27-2 Cocks, fuel.  
 S87 Cocks, gauge.  
 S48-24 Cocks, valves.  
 NA59 Cocoa and Banana River, Fla., naval air station.  
 KP10 Coco Solo, C. Z., marine post.  
 NT1-16 Coco Solo, C. Z., naval ammunition depot.  
 NA10 Coco Solo, C. Z., naval air station.  
 NH29 Coco Solo, C. Z., naval dispensary.  
 NT4-27 Coco Solo, C. Z., naval net depot.  
 MB13 Coco Solo, C. Z., naval submarine base.  
 NX48 Coco Solo, C. Z., radio direction-finder station.  
 NR64 Coco Solo, C. Z., radio traffic station.  
 NT5-11 Coco Solo, C. Z., torpedo depot.  
 EF28-3 Cochin-China.  
 EF13-13 Cocos Islands (British).  
 SS224 **COD**.  
 A6-1 Code messages, signals.  
 A17-2 Codes, legal and codifications.  
 N36-10 Coding and decoding machines (ciphering and deciphering).  
 S34-2 Coffee boilers and urns.  
 S11 Cofferdams and bulkheads.  
 S91-3 Cofferdams and caissons, repair.  
 N15-10 Cofferdams.  
 P6-4 Coffins.  
 DD326 **COGHLAN** (stricken).  
 DD606 **COGHLAN** (new).

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A3-1 Cognizance (organization and management).  
 P13-7 Cohabitation.  
 S58-3 Coil drain heaters, distilling.  
 F21-1 Coil system, battery, engine.  
 S58 Coils, coil drain and tubes, distilling.  
 S43-2 Coils, cooling, bearing.  
 S59-4 Coils, cooling, brine system, refrigerating plant.  
 S49-3 Coils, cooling and intercooler, air compressor.  
 S71-1 Coils, delay, turret, fire control.  
 S58 Coils, distilling condensers and evaporators.  
 F35-2 Coils, exhaust gas and hot water heating.  
 S55-3 Coils, heating, fuel oil tanks.  
 F21-1 Coils, magneto engine.  
 F26-3 Coils, oil heaters and coolers.  
 S38-2 Coils, steam, heating.  
 S75-1 Coils, torpedo.  
 QF Coins, money.  
 S71-8 Coincidence range finders.  
 JJ7-2 Coke.  
 N6-35 Coke sheds.  
 S75-1 Cold shots, torpedo.  
 S59-4 Cold-storage boxes, refrigerating.  
 N25-8 Cold-storage plants.  
 F24-5 Cold-weather starting, primer.  
 DD155 **COLE.**  
 APD2 **COLHOUN** (ex-DD85).  
 S35 Collar shaper.  
 S41-1 Collars and blocks, adjusting, turbines.  
 N28-9 Collection boxes, mail.  
 L6-2 Collections, disbursing.  
 F21-2 Collector rings, exhaust manifold, stocks or engine.  
 EN11-37 College Point, Long Island, N. Y., inspector of naval air-  
 craft.  
 EN9-94 College Point, N. Y., navy cost inspector, Edo Aircraft  
 Corporation.  
 NC1 Colleges and schools other than naval.  
 AC Colliers.  
 S71-8 Collimators, telescope and binocular, fire control.  
 S65-4 Collision alarm system.  
 S71-4 Collision course indicator, torpedo control.  
 A5-9 Collision drills.  
 S75-3 Collision heads, torpedo stowage.  
 S18-2 Collision mats.  
 L11-1 Collisions of vessels, motor vehicles.  
 EF17 Colombia.  
 NR63 Colon (Gatun), C. Z., radio traffic station.  
 NX65 Colon, C. Z., radio direction-finder station.  
 OA3 Colonels, Marine Corps.  
 BB45 **COLORADO.**  
 EG6 Colorado.  
 P3-1 Color blindness.  
 A15-1 Colors, dipping and display of.  
 F38-2 Colors, insignia, paint.  
 CL56 **COLUMBIA**  
 AN5 **COLUMBIA HEIGHTS** (ex-CMe 6) (now Keokuk).  
 GA Columbia Institution for the Deaf.  
 CA74 **COLUMBUS.**  
 EN9-165 Columbus, Ohio, navy cost inspector, Bonney-Floyd Co.  
 S41 Columns and tie rods, Diesel and motorboat engines.

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**AMc69** **COMBAT.**  
**A16** Combatants, belligerents, policies of, in conduct of war.  
**A16-3** Combined air operations, warfare operations.  
**S87** Combustible gas indicator.  
**N6-67** Combustibles, storehouse.  
**S51** Combustion chamber, boiler and recorder.  
**S75-1** Combustion and full flasks, torpedo.  
**F21-4** Combustion turbines, internal.  
**AH3** **COMFORT** (stricken).  
**N4-14** Comfort station.  
**L16-5** Command, compensation for, Naval Reserve pay.  
**P17** Command by staff officers, succession to.  
**ON2** Commandant.  
**KS4** Commandant's headquarters, Marine Corps.  
**L8-3** Commandeering supplies and services.  
**OF** Commander in chief and commanding officer.  
**OL5** Commanders.  
**ON3** Commanding officers, ashore.  
**P15** Commendations, citations, medals, recommendations for.  
**EC** Commerce, Department of.  
**A14-1** Commerce discriminations, intercourse.  
**A21-5** Commercial air service.  
**P8-2** Commercial associations.  
**EC7-1** Commercial attachés, Department of Commerce.  
**A5-3** Commercial codes.  
**A14-1** Commercial discriminations, foreign.  
**N16** Commercial drydocks, United States and foreign.  
**L24** Commercial facilities and resources.  
**P10-2** Commercial films and motion-picture shows.  
**QM** Commercial firms, enterprises, manufacturers, etc.  
**EN25-23** Commercial Iron Works, Portland, Oreg., supervisor of shipbuilding.  
**L11-8** Commercial planes, storage and care of, at Government yards and stations.  
**A7-1** Commercial press and radio, publicity.  
**QV5** Commercial radio broadcasting stations.  
**L10-7** Commercial radio and wire traffic accounts (accounting).  
**L20-1** Commercial ships, transportation on.  
**A6-3** Commercial signaling, code.  
**MC** Commissary branch, enlisted.  
**N4-6** Commissary building.  
**S34** Commissary equipment and space.  
**N5-55** Commissary storehouse.  
**JJ56-3** Commissary stores.  
**L11-4** Commissary stores and naval station, sales at.  
**S34-2** Commissary tubs, messing.  
**A17-10** Commission, military.  
**HI** Commission on navy yards and naval stations.  
**A17-6** Commissioner of deeds, legal.  
**GH** Commissioners, District of Columbia.  
**L7-2** Commissioning allowance.  
**A4-1** Commissioning ships and aircraft.  
**F8-3** Commissioning trials.  
**S8-3** Commissioning trials.  
**P14-5** Commissions (appointments).  
**QC** Commissions and missions.  
**A9-9** Commissions, reports of proceedings of boards and.  
**QB** Committees, miscellaneous.  
**P8-1** Committees, shop.

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IX7 **COMMODORE** (stricken).  
 A17-1 Common law, constitutional, international, and statutes.  
 P7 Common-law wife.  
 S78-1 Common projectiles, ammunition.  
 P2-2 Communicable diseases.  
 S65 Communication apparatus, interior.  
 A5-11 Communication competition, prizes for proficiency in.  
 EN3-2 Communication division, Office of Naval Operations.  
 A6-2 Communication instructions, violations, radio.  
 QR6 Communication, Naval Reserve.  
 S32-4 Communication office.  
 S11-16 Communication platform, bridges, bridge decks, etc.,  
 structural work above.  
 S67 Communication stations, radio.  
 S62-1 Communication switchboards, interior.  
 N28 Communication systems, shore.  
 A6 Communications.  
 NC74 Communications, radio, signal, yeomen, storekeepers,  
 cooks and bakers, naval training schools.  
 A20 Communications, unclassifiable.  
 P13-6 Community, group or locality, moral conditions of.  
 L16 Commutation of pay and quarters.  
 P13-10 Commutation of sentences.  
 S61 Commutators, dynamos.  
 L13-1 Companies, bonding.  
 KC Companies, marine.  
 L10-6 Comparative cost data, cost inspection.  
 S16-1 Compartment and access plans and general correspondence.  
 S29-1 Compartment, buoyancy.  
 S88-2 Compartment check-off list, damage control.  
 F34-6 Compartments, baggage.  
 S11-2 Compartments, double bottom.  
 S55-1 Compartments, fuel-oil.  
 S15 Compartments, gasoline.  
 S22 Compartments, steering-gear.  
 S62-4 Compartments and tanks, battery.  
 S29-8 Compartments, tests of.  
 F31-3 Compass.  
 S24-7 Compass, gyro, master and magnetic.  
 S67 Compass houses, radio systems.  
 F36-8 Compass lights, interior.  
 A6-2 Compass, operations, radio.  
 S71-8 Compass repeaters, relay transmitters, fire control.  
 S24-7 Compass, ship control.  
 N6-7 Compass storehouse.  
 S29-1 Compensating (WRT and WRM).  
 S88-4 Compensating system, water ballast, damage control.  
 S48-1 Compensating tanks.  
 EN14 Compensation board.  
 L16-5 Compensation for command, Naval Reserve.  
 S29-1 Compensation curve.  
 L6-2 Compensations and claims, payment.  
 S71-1 Compensators, director fire-control, turret.  
 S68 Compensators, parts and spares, Y tube, under water  
 signaling.  
 L4-2 Competition, between bidders, waiving of, purchasing.  
 P10-1 Competitions, athletic.  
 A5 Competitions, exercises and practices.  
 A5-9 Competitive drills, ships and aircraft.

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P15	Competitive medals for workers.
P6-3	Complaints of condition of remains (death).
P8-5	Complaints, protests, petitions and remonstrances (social relations).
A6	Complaints, radio traffic, land wire service (communications).
L4-2	Complaints regarding proposals (purchasing).
L21-5	Complaints regarding shipments.
P3-1	Complaints of treatment in hospitals.
P16-1	Complements, ship and shore.
S24-7	Complete and metal covers, binnacles.
L9-3	Completion dates, alterations, repairs, and overhaul (care and preservation).
L4-3	Completion dates, contracts.
L8-2	Completion of requisitions.
L6-2	Completion of ship building, degree of.
A17-11	Composition of courts, courts-martial.
S14-2	Composition and proprietary, deck coverings.
S62-4	Compound, battery-sealing, submarines.
S56-5	Compound, boiler, feed-water.
F38	Compound, finish.
S19-8	Compound, oil and water stop.
S49	Compressed-air plant.
JC11	Compressed air.
F24-4	Compression, air starter.
F21-3	Compression relief gear, engine.
F12	Compression struts, and rudders, tail group.
F11	Compression struts, wing group.
S41-5	Compressor cylinders, air, Diesel.
S49	Compressors.
N34-20	Compressors, air portable, shore.
S26-5	Compressors, chain.
S72-5	Compressors, counter re-coil, springs, turret guns.
N23	Compressors and plants, hydrogen and helium.
S73-2	Compressors, spring, broadside mounts.
ET3	Comptroller of the Currency.
EP10	Comptroller, Post Office Department.
P19-2	Compulsory retirement.
P18-1	Computation of leave.
F31-3	Computer, drift and navigational.
S71-8	Computers, fire control.
A5-9	Computing, scores, gunnery exercises.
YFB15	<b>CONANICUT.</b>
P13	Concealment of weapons.
A3-1	Concentration (organization).
S71-1	Concentration indicator system, turret.
P10-4	Concerts and music.
A14-7	Concessions, international.
EL4	Conciliation, division of, Department of Labor.
CL10	<b>CONCORD.</b>
A17-12	Concurrent jurisdiction, courts-martial.
N1-13	Condemnation of land.
N6-45	Condemned stores, storage for.
S47	Condensate pumps.
S87	Condensation meter.
S58-2	Condenser, distilling.
F28-1	Condensers.
S59-2	Condensers, ice machine.
S46	Condensers, rooms, parts.
S34-2	Condiment trays.

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L24 Condition of plants.  
 N19-18 Conditioning against attack, gas defensive structures.  
 A5-7 Conditions, engineering performances.  
 P13-6 Conditions, moral, of a group, community or a locality.  
 P9-1 Conditions, political.  
 P8-1 Conditions, trade (social relations).  
 P6-7 Condolences.  
 AMc14 **CONDOR.**  
 P19-1 Conduct, bad (discharge).  
 P15 Conduct, distinguished.  
 P13-2 Conduct, prejudicial to order and discipline, scandalous.  
 S18-1 Conductors, lighting.  
 F36-2 Conduits.  
 S62-2 Conduits, electric.  
 S76-2 Conduits, mechanical control, mine and depth charges.  
 S72-1 Cone plate, turret.  
 L9-3 Conference reports, arrival and departure.  
 A3-2 Conferences, administrative, organization and management  
 A19 Conferences, congresses, and conventions (other than political).  
 A17-15 Confessions, competence of evidence, courts-martial.  
 S32-9 Confidential safes and lockers.  
 A7 Confidential and secret matters, handling of  
 P13-9 Confinement (punishment).  
 A17-13 Confinement before trial, courts-martial.  
 P14-5 Confirmations of commissions.  
 L8-3 Confiscation of materials.  
 A14-2 Confiscation of property.  
 A9-9 Confiscations, property rights involved in war.  
 L11-1 Conflagrations.  
 AM85 **CONFLICT.**  
 P17-1 Conflict of authority.  
 P16-4 Conflicting orders.  
 L21-5 Congestion affecting shipments.  
 EF28-5 Congo, French.  
 P15 Congratulations, letters of.  
 GJ Congress of the United States.  
 A19 Congresses, conventions, and conferences (nonpolitical).  
 L18 Congressional action and investigation.  
 A18 Congressional action, legislation and.  
 GJ9 Congressional Directory.  
 GJ3 Congressional Library.  
 P15 Congressional medals.  
 GJ9 Congressional Record.  
 BB18 **CONNECTICUT** (stricken).  
 EG7 Connecticut.  
 S41 Connecting rods, motorboat and Diesel engines.  
 S52-2 Connection boxes, electric.  
 F12-1 Connections and bearings, stabilizer adjustment.  
 S48-23 Connections and castings, bulkhead and deck, piping.  
 F25 Connections, cooling system.  
 S46-5 Connections, exhaust and shell.  
 S51-3 Connections, feed-water sampling, boiler.  
 F27 Connections, fuel system.  
 F11-2 Connections, interailerion.  
 F26 Connections, lubricating system.  
 F28-2 Connections, piping condenser.  
 F21 Connections, propelling machinery.  
 DD72 **CONNER** (stricken).

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DD582 **CONNER** (new).  
 S24 Conning bridge, tower.  
 S13-5 Conning tower, fire control, and armor.  
 S71-8 Conning tower, periscope boxes.  
 AMc70 **CONQUEROR**.  
 AMc71 **CONQUEST**.  
 L12-1 Conscience fund.  
 P13-2 Conscientious objectors (misconduct and discipline).  
 P14-6 Conscription.  
 EN11-8 Consolidated Aircraft Co., Buffalo, N. Y., inspector naval aircraft.  
 EN9-170 Consolidated Aircraft Corp., San Diego, Calif., navy cost inspector.  
 EN6-44 Consolidated Steel Corp., Ltd. of Calif., Los Angeles, Calif., inspector of ordnance.  
 EN9-81 Consolidated Steel Corporation, Ltd. of Calif., Los Angeles, Calif., navy cost inspector.  
 EN25-19 Consolidated Steel Corporation, Ltd. of Calif., Orange, Tex., supervisor of shipbuilding.  
 A3-1 Consolidation (organization)  
 L4-2 Consolidation of purchases.  
 P9-2 Conspiracies.  
 P13-3 Conspiracies involving money or money values.  
 NT2-2 Constable Hook, N. J., fuel depot.  
 QL Constabulary.  
 AM86 **CONSTANT**.  
 NT4-5 Constantinople, Turkey, supply depot.  
 CC2 **CONSTELLATION** (stricken).  
 IX20 **CONSTELLATION** (old).  
 IX21 **CONSTITUTION** (old).  
 CC5 **CONSTITUTION** (stricken).  
 A3-2 Constitution and bylaws, organization and management.  
 A12-3 Constitution of United States.  
 A17-1 Constitutional laws, common, international, and statutes.  
 L10-3 Construction charges, new (accounting).  
 N34 Construction and maintenance equipment, buildings and grounds.  
 L8-3 Construction or manufacture, procurement by.  
 ON8 Construction officer.  
 L4-3 Construction period (purchasing).  
 F7 Construction processes.  
 S11-12 Construction and repair of auxiliaries.  
 EN7 Construction and Repair, Bureau of (obsolete).  
 S31-2 Construction and repair spares.  
 L4-3 Constructional period.  
 L16-4 Constructive service pay.  
 P17-1 Constructive service rank.  
 A17-3 Consular courts.  
 ES Consular Service, Bureau of, Department of State.  
 EN13 Consulting Board, Naval.  
 A5-7 Consumption, fuel, engineering performances.  
 L11-3 Consumption of material.  
 S71-1 Contact clock, turret.  
 P2-2 Contagious diseases.  
 S37-1 Contagious ward.  
 N9-1 Contagious (isolation) wards and cubicles.  
 S30-3 Containers.  
 S78 Containers, ammunition.  
 F48-2 Containers for anti-icing fluid.

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S85-1 Containers and counters, film, photography.  
 F44-2 Containers and counters, film, photography.  
 F44-2 Containers and films, photography.  
 JC2 Containers, gas, general.  
 F43-1 Containers, parachutes.  
 F26-1 Containers, portable, oil tank.  
 F25-4 Containers, radiator water, cooling system.  
 S37-2 Containers, sterilized dressings.  
 P17-1 Contemporaries.  
 P13-2 Contempt of court, disobedience, and disrespect.  
 QG5 Continental limits of countries.  
 P16-3 Continental limits of United States, duty beyond.  
 EN9-29 Continental Steel Co., Orange, Tex., navy cost inspector.  
 L1-2 Contingent allotments.  
 L4-3 Contingent fees, contract.  
 N9-1 Continued-treatment wards.  
 P14-4 Continuous service.  
 P20-2 Continuous-service certificate.  
 AT36 **CONTOCOOK** (stricken).  
 A14-1 Contraband of war.  
 P19-6 Contract, annulment of (personnel).  
 F1-4 Contract requirements (aircraft).  
 L21-3 Contract shipments.  
 L10-6 Contracts, cost plus, cost-inspection, cancelations (accounting).  
 L4-3 Contracts, forms and orders (purchasing).  
 L4-1 Contractors, business standing, defaulting.  
 F8-2 Contractors, trials by.  
 L22-1 Contributions (gifts).  
 P9-1 Contributions, political.  
 S88 Control, damage, officer station.  
 S71 Control of fire.  
 S86-2 Control of fire, instructions apparatus.  
 FE4 Control force.  
 S41 Control gear, main propelling machinery.  
 S72-9 Control gear, elevating motor, turret guns.  
 F28-5 Control-mechanism condensers.  
 S26-1 Control, motor, mooring machinery.  
 S29-4 Control, motor, stabilizers.  
 S24 Control rooms and stations on submarines, airplanes.  
 S22 Control, steering gear, automatic.  
 F11-1 Control, surface, wing.  
 F32 Control system, aileron.  
 S65-5 Control telegraphs, oil burners.  
 F25-2 Control, temperature.  
 F22-2 Control, transmission.  
 S76-1 Controlled mines.  
 S72-10 Controllers, ammunition-hoist, turret guns.  
 S26-5 Controllers, chain.  
 S71-1 Controllers, gun director, turret.  
 S76-2 Controls, depth charge.  
 F21-3 Controls, engine.  
 F41-2 Controls, machine gun.  
 S72-2 Controls, motor and power panel, switches, turrets.  
 F23-1 Controls, propeller.  
 S66 Controls, searchlight.  
 F13 Controls, water rudder, body group.  
 A14-5 Controversies and disputes, international.  
 P17-1 Controversy as to precedence.

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N9-1 Convalescent wards.  
 P19-1 Convenience of Government discharge.  
 A19 Conventions (nonpolitical).  
 P16-3 Conventions, officers attending (assignment and detail).  
 P9-1 Conventions, political.  
 DD291 **CONVERSE** (stricken).  
 DD509 **CONVERSE** (new).  
 S28-1 Conversion, change in type or class of ship.  
 F2-3 Conversion, expense.  
 L13-2 Conversion of insurance.  
 PY Converted yachts.  
 S71 Converters, range and revolution, fire control.  
 L21-1 Conveyance facilities, shipment.  
 S78-2 Conveyors, ammunition-handling.  
 P8-1 Convict labor, complaints of use of.  
 A17-7 Convicted, men, by civil authorities.  
 A17-17 Convictions, previous, court-martial.  
 P13-10 Convicts.  
 FE16 Convoy force.  
 A14-1 Convoying of merchant or passenger vessels.  
 DD70 **CONWAY** (stricken).  
 DD507 **CONWAY** (new).  
 DD508 **CONY**.  
 DD58 **CONYNGHAM** (stricken).  
 DD371 **CONYNGHAM** (new).  
 MB Cook, officers'.  
 NC44 Cooks and bakers naval training schools.  
 MC Cooks, ship.  
 S34-2 Cookers, fireless, and utensils.  
 A5-10 Cooking competition, and bakery.  
 N4-9 Cooking school building.  
 F34-3 Cooking utensils.  
 N26-6 Coolers and fountains, water, shore.  
 S59-2 Coolers, ice-machine.  
 F26-3 Coolers, lubricating oil.  
 S45-1 Coolers, oil lubrication.  
 S36-3 Coolers, water.  
 S43-2 Cooling coils, bearing.  
 S49-3 Cooling coils and intercoolers, air compressor.  
 N23-9 Cooling and spray ponds.  
 F25 Cooling system.  
 S41 Cooling system, main propelling machinery.  
 S61 Cooling system, generator, including air washers and air ducts.  
 N23-10 Cooling towers.  
 A3-2 Cooperation and coordination (management).  
 L18 Cooperative stores.  
 EE5 Coordinator of information, Executive department.  
 EN1-22 Coordinator of research and development.  
 EN1-13 Coordinator of shipbuilding.  
 ET6 Coordinator for traffic, Budget Bureau.  
 AVP25 **COOS BAY**.  
 NB56 Coos Bay, Oreg., section base.  
 EN9-74 Cootesville, Pa., navy cost inspector, Lukens Steel Co.  
 P2-3 Cooties, extinction of.  
 L4-3 Copies of contracts.  
 A6-6 Copies of records.  
 JJ46-2 Copper.  
 F38-3 Copper finish.

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JS3 Copper, scrap.  
 S19-3 Copper, tin, nickel, silver, etc.  
 ME Coppersmith, enlisted.  
 S91-1 Coppersmith and pipe shops.  
 N5-61 Coppersmith shop.  
 A10-1 Copyrights, copyright royalties.  
 PY15 **CORAL.**  
 F19 Cord, lacing, covers.  
 F15-2 Cord netting, auxiliary corridors.  
 F13-11 Cord shock absorbers.  
 F43-1 Cords, silk, parachute.  
 F15-9 Cordage gas-pressure netting.  
 N6-5 Cordage and rope storages.  
 S73-1 Cordite powder, ammunition.  
 NR82 Cordova, Alaska, radio traffic station.  
 NB78 Cordova, Alaska, section base.  
 F25-1 Core, cooling system.  
 F26-2 Core, oil radiator.  
 N5-20 Core ovens.  
 S19-1 Cork and cement, painting.  
 SE9-1 Cork insulation.  
 S78-1 Cork plugs, ammunition.  
 EF28-7 Cormero Islands (French).  
 AM40 **CORMORANT.**  
 A15-2 Coronations.  
 ML7 Corporal, Marine Corps.  
 P6-3 Corpses.  
 P3-1 Corpulency and obesity.  
 KP148 Corpus Christi, Tex., marine barracks.  
 NA47 Corpus Christi, Tex., naval air station.  
 NH32 Corpus Christi, Tex., naval hospital.  
 NB43 Corpus Christi, Tex., section base.  
 N4-9 Corps, hospital, school building.  
 L6-2 Corrected public bills.  
 P13-9 Correction, punishment (misconduct and discipline).  
 A7-3 Corrections of confidential publications.  
 A10-1 Corrections, publications.  
 L8-2 Corrections of requisitions.  
 S71-8 Corrector, erosion, illumination, fire control.  
 S72-7 Corrector, turret roller path, turret-gun sights.  
 A6-5 Correspondence.  
 P11-1 Correspondence courses.  
 EP6 Correspondence division, Post Office Department.  
 P7 Correspondents, divorce cases.  
 A7-1 Correspondents, press.  
 F15-2 Corridors, auxiliary.  
 S11-5 Corrugated bulkheads.  
 DD334 **CORRY** (stricken).  
 DD463 **CORRY** (new).  
 SS226 **CORVINA.**  
 LP Cost-accounting service (personnel).  
 F2 Cost, expense.  
 L10-6 Cost inspection, cost-plus contracts (accounting).  
 L13-2 Cost-plus contract (insurance).  
 L14-1 Cost-plus contract taxes.  
 L4-3 Cost-plus contracts and adjustments under.  
 EF18 Costa Rica (British).  
 F2-3 Costs, administration.  
 AMc43 **COTINGA.**

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S33-6 Cots.  
 N6-73 Cotton, storehouse.  
 YN8 **COTTONWOOD** (now Buckeye).  
 ASR8 **COUCAL**.  
 A17 Council for accused, courts-martial.  
 EZ Council of National Defense.  
 A16-3 Councils of war.  
 S11-8 Counter castings.  
 S37-2 Counter, dispensary, with foundations, supports and brackets.  
  
 S88-4 Counter flooding, damage control.  
 S32-9 Counter, stamp table.  
 S72-5 Countercoil system, rods and springs, turret gun slides.  
 P13-3 Counterfeiting.  
 S81-1 Countermining.  
 S72-10 Counters, ammunition, turret.  
 S85-1 Counters and containers, film, photography.  
 S71-5 Counters, mine-control.  
 S47 Counters, pump.  
 S65-5 Counters, revolution indicator systems, shaft, mechanical and electric.  
  
 EM Counties.  
 GX County courts.  
 IX34 **COUNTY, HENRY**  
 S43-1 Coupling bolts, shafting.  
 S41 Couplings, engines and turbine.  
 S93 Couplings, fire-hose.  
 S43 Couplings, flange and sleeve, shafting, nuts and keys.  
 S42 Couplings, flexible.  
 S41 Couplings, main propelling machinery.  
 S93 Couplings and reducers, fire hose.  
 S43 Couplings, shafting and bearing.  
 P1-6 Courageous.  
 AMc72 **COURIER**.  
 P16-3 Courier, detail of.  
 A6-4 Courier service.  
 AMc44 **COURLAN**.  
 S71-8 Course detectors, indicators, projectors, protractors, fire-control appliances.  
  
 S24 Course; detector periscope recorder.  
 S65-5 Course telegraphs, visible signal systems.  
 AMc32 **COURSER**.  
 N1-7 Courses, golf.  
 P11-1 Courses of instruction, correspondence, law.  
 N20-11 Courses, trial and speed, structures.  
 A6-6 Court calls for records.  
 A17-4 Court calendars.  
 A17-11 Court composition, court-martial.  
 A2-9 Court-martial orders.  
 A17-11 Court-martial; organization of, summary, procedure.  
 A6-6 Court, production of records in.  
 GT Court of Claims of the United States.  
 GU Court of Customs Appeals of the United States.  
 GQ Court, United States Supreme.  
 GXI Courts, circuit and superior trial.  
 A17 Courts, civil and inquiry.  
 N1-7 Courts, handball, tennis, etc.  
 GZ Courts, police.  
 GV Courts, State Supreme.

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GX Courts, State and county.  
 A15-1 Courtesies, official.  
 S74-2 Cover plates, antiaircraft gun mounts.  
 S73-2 Cover plates, broadside mounts.  
 YF Covered lighters.  
 F11 Covering, aileron, wing, flaps.  
 F13 Covering and cowling, body.  
 F10-2 Covering and cowling, nacelle.  
 F12 Covering, elevator, tail group.  
 F15-3 Covering, gas pressure netting, climbing shafts.  
 S91-1 Covering, wing, and fuselage repair shops.  
 F17-1 Coverings, car.  
 S14-1 Coverings, tank top.  
 S13 Covers, armor protection.  
 S18-2 Covers, canvas, other than gun.  
 S33-6 Covers for chairs, cushions and hammocks.  
 S72-6 Covers, and cover plates, turret guns.  
 S12-3 Covers, deadlight and hawse pipe.  
 S76-2 Covers, depth charge.  
 F49-9 Covers, engine and cockpit.  
 S79-3 Covers, feed, machine guns.  
 S78-1 Covers, fuse, ammunition.  
 S18-2 Covers, gun, canvas.  
 F13 Covers, handhole, hull, landing gear.  
 F19 Covers, outer.  
 S13 Covers, peepholes, sightholes, conning tower.  
 S72-7 Covers, sight, turret-gun.  
 S73 Covers, sights, mounts, broadside guns.  
 S52 Covers, smoke pipe.  
 S33-6 Covers, upholstery.  
 QX5 Coves, bayous, inlets.  
 P1-6 Cowardice.  
 DD167 COWELL (stricken).  
 DD547 COWELL (new).  
 DD632 COWIE.  
 F13-1 Cowling and covering, body.  
 F10-2 Cowling and covering, nacelle.  
 S77-2 Cowls and buckets, ventilating, gas and smoke warfare.  
 F35-1 Cowls, ventilating.  
 S38-1 Cowls, ventilating, and covers.  
 P2-3 Cowpox vaccination.  
 MS6 Coxswain.  
 S82-1 Cradles, boat (ship).  
 P8-1 Craft and trade restriction, social relations.  
 EN25-28 Cramps S. B. Co., Philadelphia, Pa., supervisor of ship-  
 building.  
 EN6-16 Cramps S. B. Co., Philadelphia, Pa., inspector of ordnance.  
 EN9-42 Cramps S. B. Co., Philadelphia, Pa., navy cost inspector.  
 DD109 CRANE.  
 S27 Crane and gear complete, and cargo hatch davit.  
 N32-6 Crane scales.  
 N13-6 Crane sheds.  
 AB Crane ships.  
 S83-1 Crane, interior traveling, airplane handling.  
 S26-5 Cranes, anchor.  
 S17 Cranes, derricks, masts, spars and towers.  
 S26-5 Cranes and gear complete, anchor davits and.  
 S78-3 Cranes and gear, bomb racks.

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S91-2 Cranes, jib, and trolley tracks for handling material in workshops.  
 S75-3 Cranes, torpedo.  
 N31 Cranes, weight handling.  
 S41-2 Crank brasses, engine.  
 F27-3 Crank, hand pumps.  
 F24-6 Crank, hand, starter magneto.  
 A6-4 Crank mail.  
 S41 Crank shaft, main propelling machinery.  
 F22-1 Crank shafts, engine.  
 F24 Crank, starters.  
 F21-1 Crankcase, engine.  
 S41-3 Crankcase ventilation, engine.  
 F22-2 Cranks, control, transmission.  
 EN9-115 Cranston, R. I., navy cost inspector, Standard Machinery Co.  
 L21-3 Crates, boxes, cases, etc., packing.  
 DD70 **CRAVEN** (now Conway) (stricken).  
 DD382 **CRAVEN** (new).  
 P1-1 Credentials.  
 L16-4 Creditable record pay.  
 L6-2 Credits, payments.  
 QX6 Creeks, brooks and rivers.  
 P6-3 Cremation.  
 N9-7 Crematories.  
 AP40 **CRESCENT CITY**.  
 F49-4 Crew equipment.  
 P11-2 Crew libraries (educational system).  
 F15-4 Crew's and officers' quarters and water closet.  
 S23-4 Crew's quarters.  
 S36-1 Crew's or seamen's head.  
 S4 Cribbing.  
 P13-1 Crimes and criminals.  
 P1-7 Criminal records.  
 S78-1 Crimping machine, cartridge case, ammunition.  
 P4-4 Cripples, reconstruction of.  
 P3-2 Cripples, treatment of  
 NB42 Cristobal, C. Z., section base.  
 A2-15 Criticisms, decisions, precedents and opinions (executive action).  
 SS246 **CROAKER**.  
 DD164 **CROSBY**.  
 AMc9 **CROSSBILL**.  
 S72-9 Cross-connecting gears, gun elevating, turret guns.  
 S22 Cross head, rudder, yoke or quadrant.  
 S41 Cross heads, main propelling machinery.  
 S71-8 Cross lines, telescope.  
 AMc20 **CROW**.  
 YO48 **CROWBLOCK**.  
 S24-2 Crow's nest, etc., look-out stations.  
 S11-6 Crown, deck.  
 DD134 **CROWNINSHIELD** (stricken).  
 EN9-65 Crucible Iron & Steel Co., Harrison, N. J., navy cost inspector.  
 S91-2 Crucibles.  
 JJ7-12 Crude oil.  
 P13-2 Cruelty to subordinates (misconduct and discipline).  
 CA-CL Cruisers.  
 FB3 Cruiser divisions (vessels).

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CC Cruisers, battle.  
 FF2-6 Cruisers, Battle Force.  
 CF Cruisers with flying deck.  
 CA Cruisers, heavy.  
 CB Cruisers, large.  
 CL Cruisers, light.  
 FF3-2 Cruisers, Scouting Force.  
 FF12-8 Cruisers, Scouting Force, Battle Force, Pacific Fleet.  
 A5-7 Cruises, availability, engineering performance.  
 A4-3 Cruises and cruising reports, ship and aircraft.  
 A5-7 Cruising radius, engineering performance.  
 S41-1 Cruising turbines.  
 ARS2 **CRUSADER.**  
 N34-10 Crushers, stone.  
 S37-2 Crutches, medical equipment.  
 A6-3 Cryptograms, codes and signals.  
 S71-8 Crystals, lens, fire-control.  
 EF19 Cuba.  
 QW11 Cuban intervention, second.  
 N9-1 Cubicles and wards, contagious (isolation).  
 NX5 Culebra, P. R., direction-finder station.  
 NS5 Culebra, P. R., naval station.  
 N1-4 Culverts.  
 IX8 **CUMBERLAND**  
 DD44 **CUMMINGS** (stricken).  
 DD365 **CUMMINGS** (new).  
 S65-5 Cummings, logs (speed indicators).  
 P18-1 Cumulative leave.  
 KP9 Cunningham Field, Cherry Point, (New River), N. C.,  
 marine aviation (adjunct to marine training center,  
 Jacksonville, N. C.).  
 S34-2 Cup racks.  
 S71-8 Cups, grease.  
 S73-2 Cups, grease, broadside guns.  
 S43-2 Cups, lubrication.  
 S78-1 Cups, mouth, ammunition.  
 S75-2 Cups, oil and grease, torpedo.  
 S45-2 Cups, wipers and piping, lubricating equipment.  
 EF48-3 Curacao.  
 AM8 **CURLEW** (stricken).  
 AM69 **CURLEW** (new).  
 L23 Currency, foreign.  
 ES12 Current information, division of, State Department.  
 H1-9 Currents, ocean, Gulf, Japanese, Equatorial, etc.  
 P11-1 Curriculum.  
 AV7 **CURRITUCK.**  
 S93 Curtain, water, fire fighting.  
 S18-2 Curtains, gunport and side, canvas.  
 S33-6 Curtains and rods.  
 EN9-124 Curtis-Wright Corp., Port Columbus, Ohio, navy cost  
 inspector.  
 AV4 **CURTISS.**  
 S29-1 Curve, compensation and displacement.  
 S75 Curved fire mechanism, torpedo.  
 A5-9 Curved fire speed data, drills.  
 S1-2 Curves, Bon Jean.  
 S73-1 Curves, erosion, broadside guns.  
 S72-4 Curves, erosion, turret guns.

A5-7 Curves, horsepower, fuel and speed, engineering performance.  
 S29-7 Curves, strength of hull.  
 DD55 **CUSHING** (stricken).  
 DD376 **CUSHING** (new).  
 F34-1 Cushions.  
 S33-6 Cushions, living and berthing, transoms.  
 L12-1 Custody of checks.  
 A7-3 Custody of confidential publications.  
 L11-2 Custody receipts.  
 L14-1 Custom taxes.  
 ET17 Customs and customhouses.  
 A2-7 Customs regulations.  
 A17-9 Customs, and usages, naval law.  
 S79-4 Cutlasses  
 F36-2 Cut-outs, electric power.  
 S62-2 Cut-outs, individual, electric power distribution.  
 S26-5 Cutter, anchor cable.  
 S92 Cutters, milling machine.  
 S75-1 Cutters, net, torpedo.  
 S82-12 Cutters, racing.  
 S81-5 Cutting devices, mine, cable and net.  
 N28-8 Cutting and laying cables.  
 S34-2 Cutting tables, meat, messing.  
 SS171 **CUTTLEFISH**.  
 AG26 **CUYAHOGA** (stricken).  
 A03 **CUYAMA**  
 YFB4 **CYANE** (stricken).  
 N33-4 Cycles, motor.  
 S92 Cylinder, boring machine.  
 N6-37 Cylinder storehouses.  
 F31-1 Cylinder thermometer, engine.  
 S41-5 Cylinders, air compressor.  
 F13-6 Cylinders, CO<sub>2</sub> flotation gear.  
 F21-1 Cylinders, engine.  
 S77-1 Cylinders, gas, smoke and gas warfare.  
 S22 Cylinders and rams, rudder.  
 S74-1 Cylinders, recoil, antiaircraft guns.  
 S73-2 Cylinders, recoil, mounts, broadside guns.  
 S72-5 Cylinders, recoil, slide, turret gun slides.  
 EF13-10 Cyprus (British).  
 EF36-4 Cyrenaica (Italy).  
 EF20 Czechoslovakia.

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IX44 **DCH-1** (ex-Walker; ex-DD163).  
 SS247 **DACE**.  
 DD187 **DAHLGREN**.  
 KP129 Dahlgren, Va., ammunition depot, marine detachment.  
 NC92 Dahlgren, Va., bomb sight and S. B. A. E. Class "C" school.  
 NA7 Dahlgren, Va., naval air detail.  
 NP9 Dahlgren, Va., naval proving ground.  
 NR32 Dahlgren, Va., radio traffic station.  
 EF28-13 Dahomey (French).  
 A9-7 Daily reports.  
 EA30 Dairy industry, Bureau of, Department of Agriculture.  
 DD290 **DALE** (stricken).  
 DD353 **DALE** (new).

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DD199 **DALLAS.**  
 NA61 Dallas, Tex., Naval Reserve aviation base.  
 NL18 Dallas, Tex., recruiting station.  
 EN11-33 Dallas, Tex., resident inspector of naval aircraft.  
 DD519 **DALY**  
 S88 Damage control.  
 A5-15 Damage control practice.  
 P13-5 Damage or destruction other than by fire.  
 L21-5 Damage in transit (shipments).  
 L11 Damages, estimates of, for, and against government departments.  
 S51-3 Dampers and regulators, boiler.  
 S52 Dampers, uptake.  
 S38-1 Dampers, ventilating, watertight shutters.  
 N25-1 Dams, water.  
 EN9-49 Danby Mach. Specialists, Inc., Cicero, Ill., navy cost inspector.  
 P10-2 Dancing and entertainment.  
 A6-3 Danger signaling.  
 EF21 Danzig.  
 YFB684 **DAPDAP.**  
 NR62 Darien, C. Z., radio station.  
 AM87 **DARING.**  
 S85 Darkrooms, printing rooms, mounting rooms and equipment (photography).  
 YFB308 **DART** (stricken).  
 SS227 **DARTER.**  
 AM88 **DASH.**  
 L4-2 Data, bidders.  
 L10-6 Data, comparative cost, accounting.  
 S28-5 Data plates, historical.  
 A9 Data, statistics and books, public works.  
 S8-8 Data, tactical.  
 S29-11 Data, tonnage.  
 P1-3 Date of birth.  
 P19-1 Date and place of discharge.  
 P14-4 Date and place of enlistment.  
 L9-3 Dates of completion, alterations (care and preservation).  
 NR100 David, Republic of Panama, radio traffic station.  
 DD551 **DAVID W. TAYLOR.**  
 NP21 David W. Taylor model basin, Carderock, Md.  
 DD65 **DAVIS** (stricken).  
 DD395 **DAVIS** (new).  
 S78-1 Davis gun projectiles, ammunition.  
 DD618 **DAVISON.**  
 S27 Davit, cargo hatch, crane and gear complete.  
 S16-4 Davit ladders.  
 S78-2 Davits, ammunition handling.  
 S54-1 Davits and derricks, coaling, portable.  
 S82-1 Davits and fittings, boats.  
 S12-5 Davits and fittings steps.  
 S76-1 Davits, mine.  
 S26-5 Davits, moorings and appliances, clear hawse.  
 S81 Davits, paravanes, gear and splinter protection (other than structural).  
 A6-1 Day letters.  
 EN9-111 Day & Zimmerman, Inc., Philadelphia, Pa., navy cost inspector.

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H7 Daylight saving time.  
 CL78 **DAYTON.**  
 EN11-10 Dayton, Ohio, inspector of naval aircraft.  
 EN11-3 Dayton, Ohio, McCook Field, central division, general in-  
 spector naval aircraft.  
 S51-2 Dead cheek and arch plates, boiler.  
 S28-6 Dead flatmarks.  
 EP6 Dead Letter Division, Post Office Department.  
 A6-4 Dead letters.  
 S24-7 Dead reckoning tracer equipment.  
 S71-8 Dead reckoning tracers, fire control appliances and apparatus.  
 PY-3 Dead, recovery of.  
 S12-3 Deadlights, ventilating, covers.  
 P14-2 Deaf mutes, employment of.  
 L6-2 Dealer's bills, certificates on.  
 L4-1 Dealers, regular.  
 NC78 Dearborn, Mich., Ford Motor Co., naval service school.  
 P13-9 Death, punishment.  
 P6 Deaths and casualties.  
 L4-1 Debarment of bidders.  
 L13-1 Debarment of bonding and surety companies.  
 P14-2 Debarment from employment.  
 L6-2 Debts, bad.  
 DD341 **DECATUR.**  
 N36-10 Deciphering and ciphering machine (coding and decoding).  
 A17-4 Decisions, court.  
 A2-15 Decisions, opinions, criticisms, and precedents; interpreta-  
 tions of and requests for.  
 L4-3 Decisions and rulings under contracts.  
 S12 Deck, bolt and lights.  
 S73-2 Deck circles, broadside mounts.  
 S36-5 Deck cleaning, gear and lockers.  
 S54-1 Deck-coaling type truck.  
 S48-23 Deck connections, piping.  
 A17-22 Deck court.  
 S14 Deck coverings and treads, chafing plates.  
 A12-1 Deck and engineering logs.  
 S76-2 Deck fittings, hydraulic controls, depth charges.  
 S83-1 Deck handling gear, airplane.  
 S64-4 Deck lanterns, electric.  
 S72-6 Deck lugs, turret guns.  
 S32-5 Deck office.  
 S51-3 Deck operating gear for boiler valves.  
 S13-6 Deck plates.  
 S30-3 Deck, storerooms and stowage.  
 S48-23 Deck stuffing and bulkhead boxes, pipe fittings.  
 F14-2 Deck trolley attachments, main body.  
 S75-2 Deck trucks for handling torpedoes.  
 S11-6 Decks, platforms, flats and holds.  
 S11 Deckhouse structures, and stanchions.  
 P14-2 Declaration of appointees.  
 A12-3 Declaration of Independence.  
 A14-6 Declaration of war.  
 L21-4 Declarations (shipment).  
 P14-2 Declination of appointees.  
 N36-10 Decoding and coding machines (ciphering and deciphering).  
 S94 Decompression stages.  
 S73-1 Decoppering broadside guns.  
 S72-4 Decoppering, turret guns.

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P15 Decorations, award of.  
 A16-3 Decoys (war).  
 P16-1 Decrease in force.  
 L8-2 Decrease and increase in requisitions.  
 A17-4 Decrees, court.  
 A2 Decrees, Executive action.  
 L16-4 Deductions, pay and retirement.  
 L4-3 Deeds.  
 EN11-34 Deep River, Conn., resident inspector naval aircraft.  
 H1-17 Deep-sea soundings.  
 NX4 Deer Island, Mass., radio direction-finder station.  
 L4-3 Defaulting contractors, purchases because of.  
 S78-1 Defective ammunition.  
 A13-1 Defective armor, spalls.  
 L5-1 Defective material and workmanship.  
 N12-8 Defense, harbor, military control structures.  
 NC110 Defense, local, naval training schools (officers and enlisted men).  
 N20-12 Defense against submarines, nets, chains, buoys, anchors, etc.  
 A16-1 Defense, national.  
 EN1-21 Defense Saving Bonds, Navy Office of.  
 S71-2 Defense, torpedo, fire-control stations.  
 N20-12 Defenses against submarines.  
 N12-3 Defenses, shore.  
 S77-2 Defensive equipment, gas and smoke warfare.  
 A16-3 Defensive sea areas.  
 N19-18 Defensive structures, gas, conditioning against attack.  
 L6-2 Deferred payment, disbursing.  
 N25-6 Deferrization plants, shore.  
 A Mc73 **DEFIANCE.**  
 P20-1 Deficiency.  
 L1-1 Deficiency estimates.  
 P14-2 Deficient on examination for appointment.  
 P3-1 Deficient, mentally.  
 P1-5 Deficient, physically.  
 L10-4 Deficits in accounting.  
 A3-1 Definition of authority (organization and management).  
 S71-8 Deflection boards, eliminators and keepers, fire-control.  
 S73-3 Deflection, sight, broadside guns.  
 S72-7 Deflection, sight, turret gun.  
 S86-3 Deflection teachers.  
 S38-1 Deflectors, ventilating.  
 EN9-53 Defoe Boat & Motor Works, Bay City, Mich., navy cost inspector.  
 EN25-3 Defoe Boat & Motor Works, Bay City, Mich., supervisor of shipbuilding.  
 S81-8 Degaussing.  
 L6-3 Degree of completion on shipbuilding.  
 A17-15 Degree of proof, issues, burden of (courts-martial).  
 P11-1 Degrees (scholarship).  
 DD469 **DeHAVEN.**  
 L9-1 Dehydrating.  
 N5-24 Dehydrating plant.  
 F23-1 De-icing equipment.  
 EN9-172 DeLaval Steam Turbine Co., Trenton, N. J., navy cost inspector.  
 EG8 Delaware.  
 BB28 **DELAWARE** (stricken).

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YT111 **DELAWARE (S. P. 467)** (stricken).  
 NE2 Delaware breakwater trial course.  
 S71-1 Delay coils, turret.  
 S76-1 Delay devices, mine.  
 F41-6 Delay fuses, bomb.  
 A17-14 Delay, reports of, trial procedure, courts-martial.  
 L21-5 Delays (shipments).  
 L6 Delays in deliveries, payments.  
 A3-1 Delegation of authority (organization and management).  
 L10-5 Delinquencies in accounting.  
 P13-1 Delinquencies and delinquents.  
 L21-5 Deliveries, delays in (shipments).  
 L6 Deliveries, payments and receipts.  
 P13 Delivery and apprehension of deserters and stragglers.  
 F1-4 Delivery of contract.  
 A17-7 Delivery of Government personnel to Federal or civil authorities.  
 L5-1 Delivery, inspections of material before and after.  
 L4-3 Delivery, orders for, contract.  
 DD261 **DELPHY** (stricken).  
 AK29 **DELTA**.  
 AMc74 **DEMAND**.  
 P3-10 Demerits.  
 P19-4 Demobilization.  
 A16-3 Demobilization of ships, aircraft, and troops.  
 L11-4 Demobilization of stores.  
 F41-6 Demolition, bombs.  
 A14-5 Demonstration of force (foreign affairs).  
 A15-2 Demonstrations (ceremonies).  
 P9-1 Demonstrations, political.  
 P12-1 Demonstrations, religious.  
 P17-2 Demotion.  
 L21-2 Demurrage.  
 AD12 **DENEBOLA**.  
 EF22 Denmark.  
 S59-1 Dense-air ice machine.  
 DD116 **DENT**.  
 OD Dental Corps.  
 S37 Dental office, laboratory, instrument, and chairs.  
 N9-2 Dental offices.  
 ON18 Dental officer, ashore.  
 EN21 Dental officers, board for examination of.  
 OD Dental surgeon and assistant.  
 MY29 Dental technician.  
 P5 Dentistry, prosthetic.  
 CL16 **DENVER** (stricken).  
 CL58 **DENVER** (new).  
 EN9-108 Denver, Colo., navy cost inspector, Wright Engineering Supply Co.  
 NL27 Denver, Colo., recruiting station.  
 EA Department of Agriculture.  
 EC Department of Commerce.  
 EC18 Department of Commerce, radio division.  
 EI Department of the Interior.  
 EJ Department of Justice.  
 EL Department of Labor.  
 EN Department of the Navy.  
 KS3 Department of Pacific, staff office of Marine Corps.  
 EP Department of Post Office.

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ES Department of State.  
 ET Department of the Treasury.  
 EW Department of War.  
 LL1 Departmental civil personnel.  
 A2-11 Departmental orders, circulars.  
 L11-4 Departments, Government, sales to other.  
 L9-3 Departure conference reports.  
 A4-3 Departures, ship and aircraft.  
 P1-6 Dependability.  
 EG Dependencies, States and Territories.  
 P19-1 Dependent relative, discharge on account of.  
 P7 Dependents.  
 L20-4 Dependents, transportation of.  
 P9-2 Deportation or exile (political relations).  
 A17-15 Depositions, court-martial.  
 L12 Deposits and depositories, investments.  
 S74-1 Deposits in bores, anti-aircraft guns.  
 S73-1 Deposits in bores, broadside guns.  
 S72-4 Deposits in bores, turret guns.  
 NT Depots, naval.  
 L11-3 Depreciation of material.  
 P9-2 Depredations (political disturbances).  
 S73-2 Depression rails, broadside mounts.  
 P13-9 Deprivation of liberty (misconduct and discipline).  
 S71-5 Depth charge attack board, and control.  
 S86-3 Depth-charge, gun and mine crew instruction apparatus.  
 S65-4 Depth-charge indicators.  
 S71 Depth charge and mine battery control.  
 S76 Depth charges, handling, stowage, primers.  
 S68 Depth finders, sonic.  
 S24-7 Depth gages.  
 S75 Depth-setting mechanism and devices.  
 A5-2 Depth settings; torpedo exercises.  
 P16-3 Deputy or disbursing officer, designation as (assignment and detail).  
 H3-2 Derelicts (vessels adrift out of control).  
 YSD Derrick, seaplane, wrecking.  
 S54-1 Derricks and davits, coaling.  
 YD Derricks, floating.  
 N31 Derricks, floating and land.  
 S17 Derricks, masts, spars, towers, cranes, booms.  
 P1-5 Description, physical.  
 P1-7 Deserters, Army.  
 P19-1 Deserters discharge.  
 P16-5 Deserters, guards for.  
 P13-8 Desertion and deserters.  
 S19-7 Design of camouflage.  
 F1 Design, preliminary data.  
 L2-1 Design, specifications.  
 S1 Design of vessel.  
 P16-3 Designation as disbursing officer or deputy.  
 F40-1 Designations.  
 N21 Designations, shore establishments.  
 S71 Designators, fire-control appliances and apparatus.  
 S32-9 Desk.  
 S37-2 Desk, chairs, etc., medical.  
 S38-1 Desk fan.  
 F34-2 Desks and chairs, office.

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N36-5 Desks, office furniture.  
 CL17 **DES MOINES** (stricken).  
 CA75 **DES MOINES** (new).  
 NL28 Des Moines, Iowa, recruiting station.  
 IX2 **DESPATCH** (ex-Boston).  
 PY8 **DESPATCH** (stricken).  
 A6-1 Despatches and agencies.  
 AM89 **DESPITE**.  
 L22-1 Destitute, relief of.  
 L12-1 Destroyed, altered or canceled checks.  
 A6-4 Destroyed mail.  
 FF7-1 Destroyer detachment, European forces (obsolete).  
 FB4 Destroyer divisions (vessels).  
 FD4 Destroyer flotillas (vessels).  
 DL Destroyer leader.  
 FC4 Destroyer squadrons (vessels).  
 FF6-3 Destroyer squadrons, Asiatic Fleet (obsolete, see FC4).  
 ON19 Destroyer stores officer, ashore.  
 AD Destroyer tender.  
 FF11-1 Destroyer training detachment, U. S. Fleet.  
 DD-DM Destroyers and light mine layers.  
 FF13-6 Destroyers, Atlantic Fleet.  
 FF12-4 Destroyers, Battle Force, Pacific Fleet.  
 FF2-2 Destroyers, Battle Force, squadrons (obsolete, see FC4).  
 FF3-3 Destroyers, Scouting Force, squadrons (obsolete, see FC4).  
 P13-5 Destruction or damage other than by fire (misconduct and discipline).  
 P2-3 Destruction of effects, prevention of disease.  
 NX64 Destruction Island, Wash., radio direction-finder station.  
 L11-3 Destruction of material.  
 A6-6 Destruction of records.  
 P16-3 Detached for or from service with Army (assignment and detail).  
 A16-3 Detached service, military operations (war)  
 FJ Detachment ships.  
 OF3 Detachment commander.  
 P16 Detail, assignment and.  
 A15-2 Detail of vessels for ceremonies.  
 A4-3 Details, ship and aircraft.  
 AMc75 **DETECTOR**.  
 S24-9 Detector, course, periscope.  
 S87 Detectors, gas and hydrogen.  
 S65-4 Detectors, hydrogen (electric).  
 QL Detectives.  
 N4-15 Detention buildings.  
 S33-5 Detention and prison cells (Brig.).  
 L10-3 Determination cost (accounting).  
 S71-1 Determination, range (fire-control).  
 S78 Detonator fuses, boxes long delay ammunition.  
 S76 Detonators, mine depth and wrecking charges.  
 N6-66 Detonators, storehouse.  
 S75 Detonators, torpedo.  
 NX35 Detour Point, Mich., radio direction-finder station.  
 CL8 **DETROIT**  
 EN22-23 Detroit, Michigan, branch hydrographic office.  
 EN11-13 Detroit (Muskegon), Mich., inspector of naval aircraft  
 EN24-14 Detroit, Mich., inspector of naval material  
 EN6-31 Detroit, Mich., inspector of ordnance, Vickers, Inc.  
 EN6-40 Detroit, Mich., inspector of ordnance, Chrysler Corporation.

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EN6-35 Detroit, Mich., inspector of ordnance, General Motors Corporation.  
 NA19 Detroit, Mich., Grosse Ile, Naval Reserve aviation base.  
 EN9-144 Detroit, Mich., navy cost inspector, Aviation Corp., (Republic Aircraft Products Division).  
 EN9-145 Detroit, Mich., navy cost inspector, Bohn Aluminum & Brass Corp.  
 EN9-143 Detroit, Mich., navy cost inspector, Ex-Cell-O Corp.  
 EN9-142 Detroit, Mich., navy cost inspector, Federal-Mogul Corp.  
 EN9-107 Detroit, Mich., navy cost inspector Graham-Page Motor Co.  
 EN9-62 Detroit, Mich., navy cost inspector Hudson Motor Car Co.  
 EN9-122 Detroit, Mich., navy cost inspector, Lyon, Inc.  
 EN9-139 Detroit, Mich., navy cost inspector, Vickers, Inc.  
 NR60 Detroit, Mich., radio traffic station.  
 NL23 Detroit, Mich., recruiting station.  
 EN7-26 Detroit, Mich., superintending constructor, Fisher Boat Works.  
 EN25-15 Detroit, Mich., supervisor of shipbuilding, Fisher Boat Works.  
 AMc45 **DEVELIN**  
 F44-2 Developing and printing, photography.  
 S85 Developing and printing, photography.  
 EN1-22 Development and research, coordinator of.  
 A1-1 Developments, administrative.  
 F13-8 Device for landing on airships.  
 F48-2 Device, steering beaching gear.  
 S83 Devices, airplane handling and stowage on ships.  
 S81 Devices, cutting mine, cable, and net protection.  
 N36-4 Devices, labor-saving, typewriters and adding machines, etc.  
 F41-9 Devices for launching torpedoes.  
 A13-7 Devices, new patents.  
 S78-2 Devices, painting and stabilizing, ammunition handling.  
 L9-7 Devices, safety (care and preservation).  
 S16-4 Devices, safety (elevator).  
 S51-5 Devil claws.  
 DD349 **DEWEY**  
 P3-5 Diagnosis and prognosis.  
 S13-3 Diagonal armor.  
 S29-2 Diagram, draft.  
 A5-9. Diagrams, ballistic exercises and, drills.  
 S88-1 Diagrams, damage control books.  
 L2-2 Diagrams, specifications.  
 S71-8 Dials, gun director, concentration directorscope.  
 S73-3 Dials, sight, broadside guns.  
 S72-7 Dials, sight, turret guns.  
 S78-1 Diaphragms, projectile, ammunition.  
 S41-1 Diaphragms, turbine.  
 A12-1 Diaries, war.  
 DD157 **DICKERSON**  
 AP26 **DICKMAN, JOSEPH T.**  
 F5-1 Dies.  
 S92 Dies.  
 S5 Dies and jigs.  
 N6-42 Dies, storehouse.  
 NC106 Diesel, engineering naval training school (officers).  
 NC112 Diesel, naval training school (enlisted men).  
 S61 Diesel engine driven generators.  
 JJ7-4 Diesel oil.

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N24-4 Diesel oil storage plants.  
 S57 Diesel oil stowage and equipment.  
 NC82 Diesel School (E. E. S.), Annapolis, Md.  
 NC80 Diesel School, Naval Operating Base, Norfolk, Hampton  
       Roads, Va.  
 NC67 Diesel School, New London, Conn.  
 NC69 Diesel School, San Diego, Calif.  
 S50-2 Diesels, auxiliary engines.  
 S34-1 Diet kitchen.  
 P3-2 Dietetics.  
 S72-2 Differential gears, turret.  
 S53 Diffusers, glower.  
 L1-1 Digest of appropriations.  
 N15-13 Dikes, water-front structures.  
 YT113 **DILIGENT** (stricken)  
 S5 Dimensions, mold loft.  
 S82-15 Dinghies.  
 S33-2 Dining cabins, officer.  
 N4-5 Dining room.  
 P8-3 Dinners (social relations).  
 S24-7 Dip circle.  
 S26-4 Dip rope, anchor.  
 S18-1 Dip ropes, collision mat.  
 P2-3 Diphtheria antitoxin.  
 P11-1 Diplomas.  
 A14-5 Diplomatic missions and relations, internation, doctrines  
       of state.  
 ES17 Diplomatic Service, Bureau of, State Department.  
 A15-1 Dipping of colors.  
 AM90. **DIRECT.**  
 L4-2 Direct bidding, purchasing.  
 A17-15 Direct and circumstantial evidence, courts martial.  
 S71-4 Directing stations, torpedo.  
 NX Direction-finder stations.  
 S67 Direction-finders, radio.  
 F31-1 Directional gyro.  
 S71-1 Director fire-control, compensators.  
 S86-2 Director firing teachers, instructions.  
 S72-4 Director gear attachments, turret guns.  
 S73-1 Director gear attachments, broadside guns.  
 A5-1 Director practices, short-range.  
 A10-4 Directories, city and port.  
 A6-1 Directories, telephone (communication).  
 S71-1 Directors, gun (directorscopes).  
 F41 Directors system, bomb sights, torpedoes.  
 S71-1 Directorscopes, directors, guns.  
 P16-6 Directory, Navy.  
 N6-2 Dirigible storehouses.  
 P19-1 Disability, discharge.  
 P2-5 Disability, mental and physical.  
 P14-2 Disabled, employment of.  
 L10-5 Disallowance, suspension (accounting).  
 P19-5 Disappearance (personnel).  
 L11-1 Disappearance of vessels and aircraft.  
 L8-2 Disapproval of requisitions.  
 F4-1 Disassembly and transportations, cost of.  
 A17-6 Disbarments; legal matters.  
 ET20 Disbursement Division, Treasury Department.  
 L6-2 Disbursing.

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EN1-7 Disbursing clerk, Navy Department.  
 ES14 Disbursing clerk, State Department.  
 EN9-24 Disbursing Office, Navy, San Pedro, Calif.  
 OF17-1 Disbursing officer (of ship).  
 PN12 Disbursing officer ashore.  
 P16-3 Disbursing officer or deputy, detail as.  
 OS Disbursing officers, commissioned.  
 KS5 Disbursing officers, Marine Corps.  
 EN9-1 Disbursing offices, general.  
 P16-3 Discharge from and admission to hospitals.  
 P13 Discharge, dishonorable, and punishment.  
 L16-9 Discharge (\$60) gratuity.  
 F36-12 Discharge indicators, charge and.  
 F15-12 Discharge, sand ballast system.  
 L20-5 Discharge, travel allowance on and extension of enlistment.  
 N23-8 Discharge tunnels and wells.  
 P19 Discharges, personnel.  
 S79-4 Discharges, rifle for lights and grenades.  
 L20-1 Discharging and embarking passengers (travel).  
 P13-9 Disciplinary measures (misconduct and discipline).  
 P13-1 Discipline and misconduct.  
 H1-15 Discolored, sea water.  
 L7-2 Discontinuance of standard stock.  
 L6-2 Discounts.  
 L12-1 Discounts, bank.  
 ARS3 **DISCOVERER**  
 L10-4 Discrepancies and irregularities in accounting.  
 L11 Discrepancies and irregularities in custody of material.  
 A14-1 Discrimination, foreign commerce.  
 P8 Discriminations, labor, against uniforms.  
 P2 Diseases.  
 P3-1 Diseases and injuries.  
 P5-1 Diseases, tooth and gum.  
 P13-10 Dishonorable discharge (prisoners and convicts).  
 P19-1 Dishonorable discharge (separation) (personnel).  
 S34-2 Dishwashing machines and baskets.  
 N9-5 Disinfecting, fumigating and sterilizing buildings.  
 S37-2 Disinfecting, medical.  
 S36-5 Disinfecting of vessel.  
 P6-3 Disinfection of dead by ice.  
 P2-3 Disinfection, prevention of disease.  
 S35 Disinfector, laundry.  
 S87 Disk meter.  
 F13-11 Disks, rubber, shock absorbers.  
 P19-1 Dismissal.  
 P13-9 Dismissal, punishment.  
 S72-3 Dismounting gear, gun, trolley tracks, etc., turret.  
 S73-1 Dismounting gear, trolleys, tracks, etc., broadside guns.  
 P13-2 Disobedience to, disrespect and contempt of court.  
 P13-2 Disorderly conduct.  
 A6-1 Dispatches, messages.  
 N9-3 Dispensaries (structures).  
 NH Dispensaries, general.  
 S37-1 Dispensary.  
 EN19 Dispensary, naval, Navy Building.  
 S29-1 Displacement, stability and weights.  
 S87 Displaceometer.  
 N38-5 Display cases, refrigerators, ice boxes, nonhousehold.  
 A15-1 Display and dipping of flags and colors.

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N9-7 Disposal plants.  
 L11 Disposition, appreciation and depreciation.  
 P1-6 Disposition (character).  
 L19 Disposition and inventory of personal effects.  
 P6-3 Disposition of remains (death).  
 S78-1 Disposition of remnants of smokeless powder, reworking  
 and sale of, ammunition.  
 L8-2 Disposition of requisitions.  
 A14-5 Disputes, controversies, international.  
 P17-2 Disqualification for promotion.  
 P14-2 Disqualifications for appointment.  
 P9-3 Disqualifications to vote.  
 P14-2 Disrating.  
 P13 Disrespect to flag, to noncommissioned officer, contempt of  
 court and disobedience.  
 S78-1 Distance pieces, ammunition.  
 L20-5 Distance tables.  
 H1-4 Distances, hydrography.  
 S47 Distiller condenser, circulating pumps.  
 F34-4 Distillers, furnishings.  
 S58 Distilling plant.  
 N25-7 Distilling plants.  
 AW Distilling ships.  
 P15 Distinguished acts, commendations, citations, etc.  
 F39-2 Distinguishing marks.  
 S28-4 Distinguishing plates, marks.  
 L11-1 Distress, ships in.  
 A6-3 Distress signaling.  
 S47 Distributing fuel-oil pumps.  
 N26 Distributing systems, shore.  
 S62-2 Distribution boxes, electric and not electric.  
 S45-2 Distribution boxes, lubrication.  
 L21-4 Distribution and cargo lists.  
 F36-2 Distribution, electric power.  
 L10-6 Distribution, overhead, cost inspection (accounting).  
 L7-2 Distribution points, standard stock.  
 F1-2 Distribution, pressure, design.  
 A10-3 Distribution (publications).  
 A3-1 Distribution, strength and (organizations).  
 P16-2 Distribution and strength, personnel.  
 F24-4 Distributor, air.  
 F21-1 Distributor, battery coil systems engine, magneto engine,  
 blocks.  
 EJ17 District attorneys.  
 GS District courts of the United States.  
 EG9 District of Columbia.  
 GH District of Columbia Commissioners.  
 YA-YY District craft.  
 A3-2 District orders (management).  
 YP District patrol ships.  
 YT District tugs.  
 ND Districts, naval.  
 A6-2 Disturbances, atmospheric (static).  
 P9-2 Disturbances, political.  
 N9-1 Disturbed wards.  
 N1-4 Ditches.  
 S33-6 Ditty boxes and racks.  
 ARS5 Diver.  
 A4-3 Diversion, ship and aircraft.

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L21-5 Diverting shipments.  
 MY27 Divery, enlisted.  
 L3-2 Dividends, insurance.  
 F49-7 Dividers.  
 P12-2 Divine services.  
 S65-4 Diving alarm, rudder indicators systems.  
 S94 Diving apparatus, bells, wrecking gear.  
 S22 Diving and rudder.  
 S12-5 Diving plane guard.  
 S22 Diving, rudder, gear and spare parts, steering.  
 N4-9 Diving school building.  
 A3-1 Division of administrative unit (organization and management).  
 S73-2 Division chests, broadside mounts.  
 L4-3 Division of contract price.  
 A5-1 Division force or section practices, gun exercise.  
 EN1-12 Division of personnel supervision and management, Department of Navy.  
 LE2 Division of training, U. S. Maritime Commission.  
 FB Divisions (vessels).  
 P7 Divorce.  
 AD14 **DIXIE.**  
 AD3 **DOBBIN.**  
 A3-7 Dock regulations (executive action).  
 S8-7 Dock trials.  
 A17-4 Dockets; judicial powers.  
 F6-3 Docking.  
 L11 Docking, including routine docking work (transfers, loans and work).  
 F45-5 Docking carriages, rails and trolleys, devices.  
 L14-2 Docking charges.  
 N6-10 Docking gear storehouse.  
 S11-4 Docking keels.  
 L9-3 Docking and overhaul schedules.  
 S65-5 Docking telegraphs, electric.  
 N15-1 Docks and piers.  
 S37-1 Doctor's office.  
 A14 Doctrines of State, foreign affairs, foreign policy.  
 YN9 **DOGWOOD** (now Buckthorn).  
 SS169 **DOLPHIN.**  
 H2-3 Dolphins and buoys, channel, mooring, range and rack, location.  
 N15 Dolphins and camels, shore, landing.  
 F36-8 Dome lights, interior.  
 N33-19 Domestic livestock, fowls, pets, etc.  
 L24 Domestic production.  
 P7 Domestic relations.  
 AMc76 **DOMINANT.**  
 EW19 Dominican customs receivership, War Department.  
 EF63 Dominican Government.  
 P10-3 Dominoes (games).  
 YN39 **DONACONA.**  
 L22-1 Donations to individuals and organizations.  
 F10-2 Doors, access, nacelle.  
 N19-8 Doors.  
 S16-3 Doors, airtight, joiner and others.  
 S65-5 Doors, electric indicator system, watertight.  
 S93 Doors, fire.  
 S58-1 Doors and frames, evaporator.

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F13-1 Doors and windows, body, nacelle.  
 F11 Doors and windows, inspection, aileron, wing.  
 F12 Doors and windows, tail group.  
 S72 Doors, turret.  
 S52 Doors, uptake.  
 F38-1 Dope-finish and solvent, proof and paint.  
 F19 Dope, main body, stern and bow cover.  
 N5-37 Dope shop (structures).  
 S91-1 Dope shop.  
 SS248 **DORADO.**  
 DD185 **DORAN** (ex-Bagley; stricken).  
 DD634 **DORAN** (new).  
 S82 Dories, motor and pulling, boats.  
 N4-3 Dormitories and hotel buildings.  
 DMS1 **DORSEY** (ex-DD117).  
 S78-1 Double-band projectiles, ammunition.  
 S11-2 Double-bottom compartments (other than reserve).  
 S48-1 Double bottom flooding.  
 S74-1 Double-purpose guns, antiaircraft.  
 S71-1 Double turret train indicators (fire control).  
 S11-1 Doubling plates for outside plating.  
 S34-2 Dough-mixing machines, troughs.  
 EN9-146 Douglas Aircraft, Inc., Santa Monica, Calif., navy cost  
 inspector.  
 IX30 **DOVER** (ex-PG8; ex-Wilmington).  
 NT1-3 Dover, N. J., Lake Denmark, ammunition depot.  
 KP11 Dover, N. J., marine post.  
 N19-13 Down spouts, buildings.  
 DD45 **DOWNES** (stricken).  
 DD375 **DOWNES** (new).  
 DD280 **DOYEN** (stricken).  
 AP2 **DOYEN** (ex-Heywood).  
 DD494 **DOYLE**  
 S6-2 Draft and data, launching.  
 P13-2 Draft dodgers and slackers.  
 P14-6 Draft of employees for military service, exemption rules for.  
 S29-2 Draft and trim, diagram.  
 F39-3 Draft marks and gauges.  
 S28 Draft marks and gauges, internal.  
 S51-3 Draft regulators.  
 S3-2 Drafting and estimates for job order.  
 S71-8 Drafting machines, fire-control.  
 F3-2 Drafting, planning.  
 L2-2 Drafting-room forms, specifications.  
 N36-12 Drafting-room supplies, instruments, tracing and Van  
 Dyke cloth and paper, blueprint, shore.  
 LQ Drafting service.  
 L12-1 Drafts and checks, banks and banking.  
 S79-2 Drag and check ropes, field guns.  
 F45-1 Drag ropes, mooring-hauling-handling.  
 F12 Drag wires, tailgroup.  
 S34-2 Drain buckets.  
 S51-3 Drain cocks, boiler.  
 S41 Drain cocks, engine.  
 S58 Drain coils and tubes, distilling.  
 F13-3 Drain plugs, landing gear.  
 S45-4 Drain tanks, oil.  
 N1-4 Drainage (grounds).  
 S88-4 Drainage of counter flooding valves, damage control.

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S48 Drainage and pumping system.  
 S65-4 Drainage tank signals.  
 S72-3 Drainage system, turret.  
 S48 Drains, machinery and system.  
 N26-7 Drains, sewerage.  
 S75-2 Drains, torpedo tube.  
 EN25-32 Dravo Corporation, Neville Island, Pittsburgh, Pa., supervisor of shipbuilding.  
 S92 Drawers (portable tools).  
 S34-2 Drawers, commissary.  
 S37-2 Drawers, for drugs, etc.,  
 S32-9 Drawers, office, shelves, racks and hooks.  
 S24-7 Drawing boards and instruments.  
 L2-2 Drawings, blueprints, plans.  
 F1-2 Drawings, lay-outs and design.  
 L2-6 Drayage and hauling.  
 F1-2 Drayage rates and shipment.  
 DD23 **DRAYTON** (stricken).  
 DD366 **DRAYTON** (new).  
 YNg21 **DREADNAUGHT** (ex-YT34).  
 N34-1 Dredges (construction equipment).  
 YM Dredges.  
 N22 Dredging.  
 S34-2 Dressers and shelves, messing.  
 A15-1 Dressing ship (honors and ceremonies).  
 F34-5 Dressings, medical.  
 S37 Dressings, stations, medical.  
 F31-3 Drift computer, indicator and sight.  
 S68 Drifter sets, K tube, sound signaling under water.  
 S76-1 Drifting mines.  
 S86-3 Drill cartridges, crew instruction apparatus.  
 S92 Drill chucks and sockets, electric tools.  
 N1-8 Drill fields and parade grounds.  
 N12-1 Drill halls and armories.  
 L16-5 Drill pay, Naval Reserve.  
 S91-2 Drill presses.  
 Y061 **DRILLER**.  
 A6-2 Drilling, tracking and, radio.  
 A5 Drills, aircraft.  
 N34-11 Drills, ground equipment.  
 S36-3 Drinking fountain and drip pan.  
 S92 Drip pans (portable tools).  
 F37-2 Drive, auxiliary pressure system.  
 F21-1 Drive, starter, engine.  
 F41-2 Drive unit, machine gun.  
 F32-4 Driver, stabilizer controls.  
 N34-2 Drivers, pile, floating and land.  
 S73-2 Drives, friction, broadside mounts.  
 S61 Driving units and generators.  
 F45-1 Drogues, mooring.  
 F41-9 Drogues, torpedo.  
 S73-1 Droop of guns, broadside.  
 S72-4 Droop of guns, turret.  
 P19-6 Dropped from the service.  
 L11-1 Droughts, damage by.  
 P6-2 Drowning.  
 P3-1 Drug addictions.  
 P13-2 Drugs and narcotics, unlawful possession of, addicts.  
 SS228 **DRUM**.

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ML5 Drum major, Marine Corps.  
 S51-1 Drums, boiler.  
 S85 Drums, drying, photography.  
 S15 Drums, gasoline.  
 N24-3 Drums, gasoline.  
 S51-1 Drums, mud, steam and water boiler.  
 S77-1 Drums, phosphorus gas and smoke warfare.  
 S73-3 Drums, sight, broadside guns.  
 S72-7 Drums, sight, turret guns.  
 S30-3 Drums, storage.  
 ML9 Drummer, Marine Corps.  
 P13-2 Drunkenness.  
 S62-3 Dry-cell batteries, electric distribution.  
 F36-3 Dry-cell storage batteries.  
 S35 Dry cleaning outfits.  
 N16 Drydocks, foreign and domestic.  
 S51-3 Dry pipes, boiler.  
 S35 Dryers, tumblers and cabinets, room conveyors, laundry.  
 S85 Dryers and washers, print, drying drums, photography.  
 S71-8 Drying apparatus for optical instruments, fire control.  
 N5-33 Drying building.  
 PG17 **DUBUQUE** (ex-AG6; ex-IX9).  
 S11-4 Duct keels.  
 P3-1 Ductless glands, diseases of.  
 F37-2 Ducts, auxiliary pressure system.  
 F35-1 Ducts, ventilating.  
 S38-1 Ducts, ventilating.  
 P13-4 Duels.  
 CL87 **DULUTH**.  
 EN22-12 Duluth, Minn., branch hydrographic office.  
 NR56 Duluth, Minn., radio traffic station.  
 S16-5 Dumb-waiters.  
 S86-3 Dummy ammunition, depth-charges, instructions, practice apparatus.  
 S41 Dummy pistons, cylinders and packing, turbine.  
 S75-2 Dummy torpedoes for testing tubes.  
 N15-16 Dump brows.  
 N30-4 Dump cars.  
 F27-1 Dump valves, fuel tanks.  
 S14-1 Dumping boards.  
 DD46 **DUNCAN** (stricken).  
 DD485 **DUNCAN**.  
 KP142 Dunedin, Fla., amphibian tractor detachment, Marine Corps.  
 EN9-179 Dunkirk, N. Y., navy cost inspector, American Locomotive Co.  
 DD384 **DUNLAP**.  
 L20-6 Dunnage and baggage (travel).  
 L4-1 Dunn and Bradstreet reports.  
 P14-2 Duplicate appointments.  
 L12-1 Duplicate checks.  
 DD152 **DU PONT**.  
 JJ46-6 Duraluminum.  
 EN9-175 Durham Mfg., Co., Muncie, Ind., navy cost inspector.  
 P2-3 Dust protectors (preventive medicine).  
 S19-6 Dust, zinc.  
 EF48-1 Dutch East Indies.  
 EF48-2 Dutch Guiana.

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NR85 Dutch Harbor, Alaska, radio traffic station.  
 KP134 Dutch Harbor, Alaska, marine detachment.  
 NA50 Dutch Harbor, Alaska (Unalaska) naval air station.  
 NB58 Dutch Harbor, Alaska, section base.  
 EF48-2 Dutch West Indies.  
 A14-1 Duties (foreign affairs).  
 P16-3 Duties, assignment of.  
 A3-1 Duties and functions, powers (organization and management).  
 A17-11 Duties of personnel (courts-martial).  
 L14 Duties, taxes, assessments, and dues.  
 P18-1 Duty, absence from.  
 P6-2 Duty, death in line of.  
 P13-2 Duty, disobedience of orders, absence from station.  
 ON17 Duty officer, ashore.  
 DD84 **DYER** (stricken).  
 S70-1 Dyes, spotting projectile.  
 A17-15 Dying declarations, competence of evidence, courts-martial.  
 AM91 **DYNAMIC**.  
 S87 Dynamic balancing machines.  
 JJ59-9 Dynamite (blasting).  
 S46-3 Dynamo condensers.  
 S48-10 Dynamo exhaust and steam piping.  
 S61 Dynamo rooms.  
 S11-7 Dynamo-room trunk.  
 P21-8 Dynamometer electric cradle.  
 S75-1 Dynamometer, testing, torpedo.  
 S69 Dynamometers, electrical instruments.  
 S87 Dynamometers, hydraulic and brake.  
 S69 Dynamotors.  
 DD572 **DYSON**.

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A5-7 "E" Navy, exercises, practices and competitions.  
 EN6-7 E. W. Bliss Co., Brooklyn, N. Y., inspector of ordnance.  
 YP64 **EAGLE**.  
 NX33 Eagle Harbor, Mich., radio direction-finder station.  
 NR55 Eagle Harbor, Mich., radio traffic station.  
 P3-1 Ear diseases.  
 P2-3 Ear and eye protectors, prevention of disease.  
 DD635 **EARLE**.  
 P18-2 Early closing (hours of labor).  
 N20-9 Earth formations for navigational aids.  
 H2-12 Earth formations, structures, trees, navigational aids.  
 H1-5 Earthquakes (seismic disturbances).  
 N1 Earthwork (grounds).  
 EF13-18 East Africa, British.  
 NN1 East coast shore stations.  
 NC73 East Coast Sound School, Key West, Fla.  
 NA49 East Greenwich, R. I., naval air station.  
 NT2-1 East Lamoine, Maine, fuel depot.  
 EN11-2 Eastern District, N. Y., general inspector naval aircraft.  
 KR2 Eastern division, Marine recruiting corps.  
 KT2 Eastern division, Marine Reserve detachment.  
 ES23 Eastern European affairs, divisions of State Department.  
 QG1 Eastern Hemisphere.  
 NL42 Eastern and northeastern divisions, navy recruiting inspectors.

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H7 Eastern time.  
 DD510 **EATON.**  
 DD430 **EBERLE.**  
 YN10 **EBONY.**  
 S68 Echo sounding.  
 H1-16 Echoes, sound and sound waves.  
 A5-7 Economy, engineering performance.  
 A3-2 Economy, organization and management.  
 EF23 Ecuador.  
 S73-2 Edges, knife, mounts, broadside guns.  
 S22-5 Edges, knife, turret gun slides.  
 F19 Edges, lacing cover.  
 F11 Edges, leading and trailing wing group.  
 F12 Edges, leading and trailing, tail group.  
 EW27-1 Edgewood arsenal (Army).  
 NC56 Edgewood arsenal, naval unit.  
 F13 Edgings and rubbing strips, body group.  
 DD439 **EDISON.**  
 YP214 **EDITH** (stricken).  
 A10-1 Editing publication.  
 APL1 **EDMUND B. ALEXANDER.**  
 EN9-94 Edo Aircraft Corporation, College Point, N. Y., navy cost inspector.  
 DD219 **EDSALL.**  
 E16 Education, Bureau of.  
 P11 Educational advisers, systems and instructors.  
 DD265 **EDWARDS** (stricken).  
 DD619 **EDWARDS** (new).  
 DD216 **EDWARDS, JOHN D.**  
 AM92 **EFFECT.**  
 S1-2 Effective horsepower curves.  
 L19 Effects, personal.  
 A5-8 Efficiency, battle competition.  
 EO Efficiency, Bureau of.  
 P20 Efficiency and reports.  
 P13-2 Effort to weaken authority of superior.  
 AMc24 **EGRET.**  
 EF24 Egypt.  
 EF13-37 Egypt, British.  
 AM17 **EIDER.**  
 P18-2 Eight-hour labor law.  
 ND8 Eighth naval district.  
 F41-5 Ejection boxes, machine gun.  
 S54-2 Ejector, ash.  
 S70-1 Ejector recognition sets, submarine (sight-signaling).  
 S46-4 Ejectors, air condensing.  
 S48-1 Ejectors, bilge.  
 S79 Ejectors, machine guns and rifle.  
 EN11-14 El Segundo (Santa Monica), Calif., inspector of naval aircraft.  
 PG38 **ELCANO.**  
 YN15 **ELDER** (ex-Juniper).  
 P9-3 Elections, political.  
 AK21 **ELECTRA.**  
 EN9-161 Electric Boat Co., Bayonne, N. J., navy cost inspector.  
 EN25-2 Electric Boat Co., Bayonne, N. J., supervisor of shipbuilding.  
 EN9-26 Electric Boat Co., Groton, Conn., navy cost inspector.

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EN25-8 Electric Boat Co., Groton, Conn., supervisor of ship-  
 building.  
 F21-8 Electric cradle dynamometer.  
 S92 Electric drills.  
 S41 Electric drives and heaters, Diesel and turbine, propelling.  
 N36-2 Electric fans.  
 S26-1 Electric gypsy (windlass).  
 S38-2 Electric heaters, air.  
 F35-2 Electric heaters, ventilation.  
 F36 Electric lighting.  
 S64 Electric lighting.  
 S72-10 Electric motors, brakes, turret guus.  
 S24 Electric navigational instruments.  
 S60 Electric plant, general.  
 S63 Electric power application.  
 S62 Electric power distribution.  
 S61 Electric power generators, except electric drive.  
 S34-2 Electric refrigerator, commissary.  
 S91 Electric repair station and workshops general.  
 F24-1 Electric starter, direct geared or inertia.  
 N23-7 Electric substations, generating plants.  
 N7-8 Electric substations, power, pumping, and gas generating  
 plant structures.  
 N26-5 Electric systems, shore.  
 S75 Electric torpedoes and torpedo hoists.  
 N33-18 Electric trucks.  
 F37-1 Electric winches, mooring.  
 S65-4 Electric whistle operators.  
 N6-21 Electrical apparatus, storehouse for  
 S1-7 Electrical appliances, record of.  
 F36-12 Electrical instruments.  
 S69 Electrical instruments, except fire control and interior  
 communication system.  
 N8-7 Electrical laboratories.  
 S75 Electrical and mechanical gyros, torpedo.  
 NC90 Electrical, naval training schools (enlisted men).  
 N4-9 Electrical school building.  
 N5-57 Electrical shop.  
 OW Electricians, warrant officers.  
 MA Electricians' mates artificer branch.  
 S76-1 Electrochemical horns.  
 EN8-39 Electro-Motive Corporation, LaGrange, Ill., inspector of  
 machinery.  
 P3-3 Electrotherapy.  
 N9-2 Electrotherapy building.  
 A5-2 Elementary torpedo practices.  
 L20-1 Elevated car lines.  
 S72-9 Elevating gear and machinery, turret guns.  
 S75-2 Elevating gear, torpedo tubes.  
 S74-2 Elevating and training gear, antiaircraft guns.  
 S73-2 Elevating and training gear and attachments, broadside  
 guns.  
 S72-9 Elevation, increase of, turret guns.  
 S71-1 Elevation receivers and indicators, main battery (fire  
 control).  
 F32-2 Elevator controls.  
 F12-2 Elevators.  
 S16-5 Elevators.

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S75-3 Elevators and elevating machinery, torpedo handling.  
 N31-13 Elevators, shore.  
 ND11 Eleventh naval district.  
 A5-7 Eligibility, engineering performance.  
 P14-2 Eligibility for appointment.  
 P16-3 Eligibility for detail.  
 P1-4 Eligible naturalization.  
 S71-8 Eliminating devices, deflection.  
 P19-6 Eliminations (personnel).  
 NA81 Elizabeth City, N. C., naval air station.  
 EM9-98 Elkton, Md., navy cost inspector, Triumph Explosives, Inc.  
 YP3234 **ELLEN BROWNING** (stricken).  
 DD398 **ELLET**.  
 AP13 **ELLIOT, GEORGE F.**  
 DMS4 **ELLIOTT** (ex-DD146).  
 DD154 **ELLIS**.  
 DD454 **ELLYSON**.  
 S73-1 Elongation and twist of gun liners, broadside guns.  
 S72-4 Elongation and twist of gun liners, turret guns.  
 P7 Elopement.  
 P13-8 Elopement of applicants for enlistment.  
 P6-3 Embalming.  
 A14-1 Embargo, contraband, commercial intercourse.  
 L21-3 Embargoes, shipment.  
 L20-1 Embarking and discharging passengers (travel).  
 ES18 Embassies.  
 P13 Embezzlement.  
 A12-4 Emblems.  
 S73-2 Embrasures, broadside mounts.  
 PYcl **EMERALD**.  
 HY Emergency Administration Organizations.  
 S83-3 Emergency barricade, airplane.  
 S24-6 Emergency bridge or platform.  
 S65 Emergency communication apparatus.  
 S37-1 Emergency dressing station.  
 F34-6 Emergency equipment.  
 L16 Emergency expenses, subsistence, and money allowances.  
 EX Emergency Fleet Corporation.  
 L1-1 Emergency funds, appropriations.  
 EE7 Emergency Management, Office of.  
 F49-8 Emergency propulsion sails.  
 L4-3 Emergency purchases.  
 L7-1 Emergency rations, allowances of.  
 P1-4 Emigration.  
 DD457 **EMMONS**.  
 NX49 Empire, Ore., radio direction-finder station.  
 IX38 **EMPIRE STATE** (stricken).  
 N12-3 Emplacements (military structures).  
 P16 Employees, additional, list of, loan of.  
 HC Employees' Compensation Commission, United States.  
 N4-1 Employees' quarters, civilian.  
 P17-1 Employees, rerating of.  
 P14-2 Employment and appointment.  
 P2-4 Employment, sanitation of place of.  
 EL10 Employment service, Department of Labor.  
 A4-3 Employment, ship and aircraft.  
 F38-2 Enamels.  
 S19-1 Enamels, cement, bituminous and similar solutions.  
 A15-2 Encampments, ceremonies.

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F13-1 Enclosures, cockpit, fuselage.  
 A16-3 Encounters.  
 DD495 **ENDICOTT.**  
 N6-63 Ends, ignition, storehouse for.  
 AMc77 **ENDURANCE.**  
 A5-7 Endurance runs, engineering performance.  
 S8-2 Endurance trials.  
 A8-5 Enemies, alien.  
 S71-8 Enemy bearing and movement, solvers.  
 A14-2 Enemy property rights, involved in war.  
 A16-3 Enemy territory, warfare operations.  
 AMc78 **ENERGY.**  
 A17-2 Enforcement of laws.  
 AM93 **ENGAGE.**  
 A16-3 Engagements, guerrilla warfare.  
 F24 Engaging mechanism, starters.  
 S26-1 Engine, anchor.  
 F49-9 Engine and cockpit covers.  
 F31-1 Engine cylinder thermometer and gauge unit.  
 S65 Engine gongs, telegraph interior communications.  
 F48-3 Engine hoist, maintenance platform.  
 S87 Engine indicators.  
 N8-10 Engine laboratories.  
 F13-1 Engine mounting, body, nacelle.  
 N4-9 Engine (gas) school building.  
 F10 Engine section and nacelle group.  
 N5-34 Engine shops.  
 N10-5 Engine-testing structures, aviation.  
 S91 Engine-overhaul and test shop.  
 F29-1 Engine-overhaul stands.  
 ME Engine-room force.  
 F21 Engines and accessories, main propelling machinery.  
 S50 Engines, auxiliary.  
 N27 Engines and engine houses, fire, shore.  
 S41 Engines, main propelling machinery.  
 S22 Engines, steering.  
 F32 Engines, steering, elevator control, rudder.  
 S75-1 Engines, steering, torpedo.  
 S25 Engines, towing and appliances.  
 EW15 Engineer office, War Department.  
 OF13 Engineer officer (of ship).  
 S32-1 Engineer officer's office.  
 A12-1 Engineers' bell book, engineering and deck logs.  
 EW15 Engineers, Chief of, Army.  
 EN8 Engineering, Bureau of (obsolete; now Inspector of Machinery).  
 A5-7 Engineering competitions and performances.  
 NP16 Engineering experiment station, Annapolis, Md.  
 EP9 Engineering and research division, Post Office Department.  
 N6-23 Engineering storehouses.  
 ME Engineman, first- and second-class.  
 EF13-1 England (Great Britain).  
 N36-13 Engraving and lithographing machines and equipment, plates, etc.  
 ET11 Engraving and Printing, Bureau of.  
 S91-2 Engraving machines.  
 A10-1 Engravings, publications.  
 L16-6 Enlisted men, allotments of pay by.  
 P10-2 Enlisted men, allowances for entertainment.

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P16-4 Enlisted men, special details of.  
 N4 Enlisted men's quarters and barracks.  
 MA-MY Enlisted personnel.  
 MR Enlisted personnel, retired.  
 P14 Enlist (appointment).  
 P19-1 Enlistment, cancelation of.  
 P13-2 Enlistment, fraudulent.  
 P1-5 Enlistment and promotion, physical requirements for.  
 OL Ensigns (officers).  
 CV6 **ENTERPRISE.**  
 FG6 Enterprise air group.  
 EN9-176 Enterprise Engine & Foundry Co., San Francisco, Calif.,  
       navy cost inspector.  
 QM Enterprises.  
 L18 Enterprises, financial, interests in nongovernmental.  
 P10 Entertainment, allowances for, enlisted men.  
 P13-8 Enticing and aiding others to desert.  
 EA14 Entomology, Bureau of, Department of Agriculture.  
 NS15 Entrance control posts, harbor.  
 P14-2 Entrance into service.  
 S79-4 Entrenching tools.  
 L14-2 Entry of goods.  
 A4-3 Entry, ship and aircraft.  
 F18 Envelope and gas cells.  
 P2-2 Epidemics.  
 P3-1 Epilepsy.  
 S48-1 Equalizing system.  
 S29-1 Equilibrium or adjusting.  
 S48-1 Equilibrium tanks.  
 S87 Equipment, aerological.  
 N39 Equipment, aircraft station.  
 F41-11 Equipment and arms, small.  
 S36-2 Equipment, barber shop and cleaning.  
 N40 Equipment, cleaning, and fuel oil tanks, shore.  
 S88-2 Equipment, damage control.  
 S85 Equipment, darkrooms, printing rooms and mounting  
       rooms, photography.  
 S24-7 Equipment, dead reckoning tracer.  
 F34-6 Equipment, emergency.  
 S93 Equipment, fire and rescue-party.  
 S34-2 Equipment, galley.  
 S15 Equipment and gasoline stowage.  
 F31-3 Equipment, navigation instruments and.  
 S32 Equipment, office.  
 S91 Equipment and shops, ship upkeep.  
 S79 Equipment and small arms, field and machine guns.  
 L5-2 Equipment, special, for testing material.  
 N6 Equipment, storage structures for.  
 N36 Equipment and supplies, office, shore.  
 EP9 Equipment and supplies, Post Office Department.  
 F44-2 Equipment and supplies, photography.  
 F29-1 Equipment and tools.  
 S92 Equipment and tools, portable.  
 A5-7 Equivalents, fuel, engineering performance.  
 DD631 **ERBEN.**  
 N5 Erecting shops (structure).  
 N1-10 Erecting spaces.  
 F1 Erection specifications, instructions.  
 DD56 **ERICSSON** (stricken).

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DD440 **ERICSSON** (new).  
 PG50 **ERIE**.  
 EN6-11 Erie, Pa., inspector of ordnance.  
 EN9-8 Erie, Pa., navy cost inspector.  
 EN9-68 Erie, Pa., navy cost inspector, Eric Forge Co.  
 EN9-77 Erie, Pa., navy cost inspector, General Electric Co.  
 EF36-2 Eritrea (Italian).  
 S74-1 Erosion, antiaircraft guns.  
 S73-1 Erosion, broadside guns.  
 S71-8 Erosion corrector, fire control.  
 S73-1 Erosion and erosion curves, broadside guns.  
 L4-2 Errors in bids (purchasing).  
 S72-4 Errors, turret-gun forgings.  
**ESCAPE**  
 S16-6 Escape lock.  
 P13 Escape of prisoners.  
 N4-9 Escape training tanks, submarine.  
 S48-10 Escape and vapor pipes, other than galley.  
 FE10 Escort force.  
 A15-1 Escorts (honors and ceremonies).  
 P6-4 Escorts, funeral.  
 A8-5 Espionage.  
 P11-3 Essays, theses, lectures, poems (educational system).  
 IX10 **ESSEX** (stricken).  
 CV9 **ESSEX** (new).  
 FG9 Essex air group.  
 A4-2 Establishment of shore stations.  
 N21 Establishments, shore, designations.  
**ESTELLE**.  
 L10-3 Estimate of value or cost (accounting).  
 S29-1 Estimated weights.  
 L1 Estimates, appropriations and allotments.  
 L4-2 Estimates based on prevailing market prices (purchasing).  
 L11 Estimates of damage, claims of property damage.  
 F3 Estimates, planning.  
 L24 Estimates of resources.  
 S3-1 Estimates on inspection reports.  
 LB Estimating service (personnel).  
 EF25 Estonia.  
 A17 Ethics, legal (law and justice).  
 S59-1 Ethyl-chloride ice machine.  
 P3-4 Etiology.  
 A15-1 Etiquette, naval.  
**EUCALYPTUS**.  
 NA64 Eureka, Calif., naval air station.  
 NX47 Eureka, Calif., radio direction-finder station.  
 NR73 Eureka, Calif., radio traffic station.  
 NB35 Eureka, Calif., section base.  
 OG1-4 Europe.  
 QW19 European disturbances.  
 FF7 European forces, naval.  
 A16-3 Evacuation, war.  
 S46-4 Evacuators, air, condensing.  
 DD78 **EVANS** (stricken).  
 DD552 **EVANS** (new).  
 L11-3 Evaporation of material.  
 S47 Evaporator, feed and brine pumps.  
 S11-7 Evaporator room, trunk.  
 S58 Evaporators.

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P13-2 Evasion of military or naval service.  
 S71-8 "Evershed" designators, fire control.  
 EN21 Examination of dental officers, board for  
 P17-2 Examination, exemption from, for promotion.  
 EN20 Examination of medical officers, board for  
 A6-6 Examination of records.  
 S37-2 Examination tables, medical.  
 P14-2 Examinations for appointments, announcement of  
 P11-1 Examinations as to mental development and progress in  
       schools.  
 P2-5 Examinations, physical.  
 A17 Examining Board, Marine, medical, proceedings of.  
 EN17 Examining Board, naval.  
 S37-1 Examining room (medical).  
 S86-3 Excaliber attachment, guns.  
 N1-3 Excavating (grounds).  
 AM94 **EXCEL.**  
 EN9-103 Excel Foundry & Machine Co., navy cost inspector, New  
       York, N. Y., and Lebanon, N. J.  
 EN9-143 Ex-Cell-O Corp., Detroit, Mich., navy cost inspector.  
 N6-44 Excelsior storehouses.  
 P14-2 Excepted positions, appointments to.  
 L20-6 Excess baggage.  
 L11-3 Excess stock of material.  
 L23 Exchange, foreign currency.  
 N4-6 Exchange, post, buildings.  
 NT7 Exchanges, motion-picture.  
 A10-3 Exchanges, publications.  
 S69 Excitation meters (ship).  
 S41-4 Exciter units, electric drive.  
 S61 Exciters, dynamo.  
 P1-4 Exclusion of races.  
 YP5 **Ex-COAST GUARD CUTTER 102.**  
 P16-3 Excuses from duty.  
 P14-2 Executive appointments.  
 L16-9 Executive bonuses.  
 EE Executive departments.  
 OF11 Executive officer.  
 ON6 Executive officer ashore.  
 A2 Executive orders, Presidential, and Executive (non-  
       Presidential).  
 S32-1 Executive's office.  
 L6-1 Exemption from deliveries.  
 P14-6 Exemptions from military service.  
 P17-1 Exercise of authority, rank.  
 S75 Exercise heads, torpedo, and storage of.  
 A5-9 Exercises and diagrams, ballistic, drills.  
 P2-4 Exercises, physical.  
 F21-2 Exhaust muffler, manifold, stocks, collector rings, engine.  
 F28-2 Exhaust, piping condensers.  
 S48 Exhaust and steam piping, main turbine.  
 S46-5 Exhaust and shell connection, condensers.  
 F15-5 Exhaust trunks, hoods and hull supports.  
 S41 Exhaust valves, auxiliary and inlet, main propelling  
       machinery.  
 S75-1 Exhaust valves, torpedo.  
 N4-8 Exhibit hall.  
 A5-9 Exhibition drills.  
 EA6 Exhibits, Department of Agriculture.

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P11-3 Exhibits, exhibitions, exposition, fairs and museums.  
 P9-2 Exile or deportation (political relations).  
 S87 Exograph.  
 S75-1 Exothermic torpedoes.  
 S11-5 Expanded metal, bulkheads and screens, wire mesh.  
 N23-6 Expanders, compressors and plants, helium.  
 S75-2 Expanders, torpedo tubes.  
 S92 Expanders tube cleaners and wrenches.  
 S73-2 Expansion chamber, broadside mounts.  
 S72-5 Expansion chambers (slide) and process (radial) turret guns.  
 S11-1 Expansion, shell.  
 S48-23 Expansion and slip joints, piping.  
 F25-1 Expansion tanks, and header, water-cooling system.  
 P1-4 Expatriation, citizenship.  
 L6-1 Expediting deliveries.  
 L21-5 Expediting shipments.  
 L8-2 Expedition of requisitions.  
 P16-3 Expeditionary duty.  
 A16-3 Expeditions, campaigns, warfare operations.  
 A11 Expeditions, scientific, observations, explorations.  
 S54-2 Expeller, ash.  
 L10-5 Expenditure records and accounts.  
 L1 Expenditures under allotments and appropriations, state-  
     ments of.  
 F2-3 Expenses, administration.  
 S2 Expenses, administrative.  
 F4-1 Expenses, berthing and shed.  
 P6-4 Expenses, burial and funeral.  
 A17 Expenses, court-martial.  
 L16-9 Expenses of individuals on special detail.  
 P3-2 Expenses, medical.  
 NP16 Experiment engineering station, Annapolis, Md.  
 S29-3 Experiment, inclining.  
 EN6-26 Experimental ammunition unit, Washington Navy Yard.  
 S76 Experimental depth charges, mine.  
 FF12-11 Experimental division, Pacific Fleet (obsolete, see FB11).  
 FB11 Experimental divisions (vessels).  
 S74-1 Experimental firing, antiaircraft guns.  
 S73-1 Experimental firing, broadside guns.  
 S72-4 Experimental firing, turret guns.  
 N8 Experimental and laboratory structures.  
 NP14 Experimental and research laboratory, Bellevue, D. C.  
 EA28 Experimental Stations, Office of Department of Agriculture.  
 L5-2 Experimental tests.  
 P19-1 Expiration of term of enlistment, discharge.  
 F41-6 Exploders, bombs.  
 S75-1 Exploders, torpedo.  
 AM95 **EXPLOIT.**  
 A16-3 Explorations, war.  
 L11-1 Explosions.  
 S81-1 Explosive scissors, mine protection.  
 L21-3 Explosives, regulations on shipment of.  
 L14-2 Export tariff.  
 P11-3 Expositions, fairs, museums, exhibits and exhibitions.  
 L21 Express, shipment by.  
 N33-17 Express systems, shop.  
 S49-5 Expulsion systems, air compressor.  
 S76 Extender mechanism, depth charge and mine.  
 L6-1 Extension of delivery date.

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P14-4 Extension of enlistment.  
 EA29 Extension service, Department of Agriculture.  
 S81-2 Extension, stem, paravane.  
 L4-3 Extensions, contract.  
 F42 Exterior communication.  
 P2-3 Extermination of insects, roaches, rodents and vermin  
 (preventive medicine).  
 S51-3 External and internal fittings, boiler.  
 P2-3 Extinction of fleas, cooties, etc. (preventive medicine).  
 S93 Extinguishers, fire, chemicals, portable and stationary.  
 N27-2 Extinguishers, fire.  
 P13-3 Extortion.  
 P13-9 Extra duty, punishment.  
 S35 Extractor, laundry.  
 S56-2 Extractors, grease, feed water.  
 S73-1 Extractors, projectile, broadside guns.  
 S72-4 Extractors, projectile, turret guns.  
 L10-3 Extraordinary repairs, industrial accounting.  
 AMc79 **EXULTANT**.  
 P3-1 Eye diseases.  
 P2-3 Eye and ear protectors, prevention of disease.  
 S71-8 Eye guards, fire-control.  
 S78-2 Eyebolts, projectile, ammunition handling.  
 P2-3 Eyeglasses and eye protectors.  
 P4-3 Eyes, artificial.  
 S12-2 Eyes, hull fittings.  
 S75-2 Eyes, securing-pad, torpedo tubes and launching gear.

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F18 Fabric, gas cells, ballonets.  
 F15-1 Fabric and lacing, reinforcement of propellers.  
 F17-1 Fabric and other covering, car structure.  
 F38 Fabric, painting and fireproofing, finish.  
 F1-3 Fabrication specifications.  
 F49-4 Face masks.  
 S13-4 Face plates.  
 L21 Facilities for conveyance, shipping and receiving.  
 L24 Facilities and resources.  
 NP Factories, naval.  
 N5 Factories, shop structures.  
 A5-7 Factors, engineering performances.  
 P17-2 Failure on examination.  
 L6-1 Failure in making deliveries.  
 EN8-37 Fairbanks Morse Co., Beloit, Wis., inspector of machinery.  
 DD93 **FAIRFAX** (stricken).  
 S11-1 Fairing plates.  
 F10-1 Fairings, engine mount.  
 F13 Fairings, fuselage, body and landing gear.  
 S12-5 Fair-leads.  
 F45-2 Fair-leads, blocks, sheaves, mooring, hauling, towing.  
 S81-2 Fair-leads, paravanes.  
 F32 Fair-leads, pylongs, sheaves, and fittings, control system.  
 F11-1 Fair-leads for surface control loads, wing.  
 P11 Fairs, museums, exhibits, exhibitions and expositions.  
 S11 Fair-water castings, shell plating.  
 S24 Fair-water, periscope and conning tower.  
 S43-2 Fair-water sleeves.  
 YFB5 **FAITHFUL** (stricken).

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P20-1 Faithful performance.  
 S94 Faking box for throwing lines.  
 ASR2 **FALCON** (ex-AM28).  
 EN9-126 Falk Corp., Milwaukee, Wis., Navy cost inspector.  
 EF13-40 Falkland Islands (British).  
 A5-9 Fall of shot observations; angle of.  
 KP150 Fallbrook, San Diego, Calif., marine barracks.  
 NT1-20 Fallbrook, San Diego, Calif., naval ammunition depot.  
 S18-1 Falls, blocks, and other tackle, rope for, wire, hemp, and manila.  
 S82-1 Falls, boat.  
 S92 Falls, chain.  
 P13 False claims, muster, pretense, falsehoods.  
 NB80 False Pass, Alaska, section base.  
 P3-2 Families, medical treatment of.  
 L16-6 Family allotments.  
 P7 Family, members of (domestic relations).  
 P3-1 Famine.  
 S53 Fan and casing blowers.  
 F21-8 Fan, engine testing.  
 DD37 **FANNING** (stricken).  
 DD385 **FANNING** (new).  
 S38-1 Fans, desk, bracket, ventilating, and ceiling.  
 N36-2 Fans, electric.  
 S77-1 Fans and gear, gas and smoke warfare.  
 F35-1 Fans, ventilating.  
 ES3 Far Eastern affairs, division of, State Department.  
 DD332 **FARENHOLT** (stricken)  
 DD491 **FARENHOLT** (new).  
 NR62 Farfan (Balboa, Darien), C. Z., naval radio-traffic stations.  
 CL85 **FARGO**.  
 DD496 **FARLEY** (now McCook).  
 EN11-21 Farmingdale, N. Y., Inspector of naval aircraft.  
 DD304 **FARQUHAR** (stricken).  
 DD300 **FARRAGUT** (stricken).  
 DD348 **FARRAGUT** (new).  
 NX43 Farralone Island, Calif., radio direction-finder station.  
 EN9-125 Farrand Optical Co., New York, N. Y., navy cost inspector.  
 S51-4 Fastenings, boiler.  
 P7 Fathers.  
 S68 Fathometers, sonic.  
 P19-1 Favor, discharge by.  
 IX45 **FAVORITE** (ex-YX10).  
 P1-6 Fear (habits and character).  
 AMc80 **FEARLESS**.  
 HF Federal Board for Vocational Education.  
 GG12 Federal Coordinator of Transportation.  
 ET10 Federal Farm Loan Bureau.  
 EA25 Federal Horticultural Board, Department of Agriculture.  
 A17-2 Federal laws, ordinances.  
 EN9-142 Federal-Mogul Corp., Detroit, Mich., navy cost inspector.  
 EJ15 Federal penitentiary, Atlanta, Ga.  
 EJ16 Federal penitentiary, Leavenworth, Kans.  
 EJ19 Federal penitentiary, McNeill Island, Wash.  
 HQ Federal Power Commission.  
 QO Federal public buildings.  
 ET6-6 Federal Purchasing Board and Procurement Division, Treasury Department.  
 EC16 Federal Radio Commission.

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ET6-3 Federal Real Estate Board, Budget Bureau.  
 P17-3 Federal Register.  
 EQ Federal Reserve Board.  
 EN25-12 Federal S. B. & D. D. Co., Kearny, N. J., supervisor of  
     shipbuilding.  
 L7-2 Federal standard stock catalogue.  
 ER Federal Trade Commission.  
 S79-3 Feed covers, machine guns.  
 S58 Feed heaters and pump, evaporator.  
 S47 Feed pumps.  
 S51 Feed regulator and valves, water sampling connection,  
     boiler.  
 S65-5 Feed signal and telegraph system, fireroom.  
 F41-1 Feeding mechanism, machine gun.  
 S92 Feelers, micrometer.  
 L4-3 Fees, contingent under contract.  
 A17-15 Fees, courts-martial.  
 L14-2 Fees, dues, and assessments.  
 AP18 **FELAND.**  
 P13-1 Felonies (misconduct and discipline).  
 NA9-1 Felton Farm, Fla., naval air station.  
 P3-1 Female diseases.  
 P14-2 Females, employment of.  
 N3-4 Fences.  
 P10-1 Fencing, athletics.  
 N5-48 Fender, cane shop.  
 S18-1 Fenders, portable, rope, cane, wood, cork.  
 S11-4 Fenders, side, fixed.  
 F20-1 Ferrosilicon, inflation.  
 S46-5 Ferrules, condenser.  
 YFB Ferry boats and launches.  
 P2 Fever (medicine).  
 AM96 **FIDELITY.**  
 L13-1 Fidelity bonds.  
 EW5 Field Artillery, Chief of.  
 A5-6 Field, boat gun, small-arm exercises.  
 LL2 Field civil personnel.  
 N4-10 Field house.  
 S79 Field and machine guns, small-arms and equipment.  
 A5-1 Field messages.  
 P16-3 Field service.  
 P10-1 Field sports and track sports.  
 N1-7 Fields, athletic, drill and landing.  
 AM97 **FIERCE.**  
 ND5 Fifth naval district.  
 EN9-133 Fifth naval district, supervisory cost inspector.  
 ND15 Fifteenth naval district.  
 NC100 Fighter director schools.  
 P13-4 Fighting (offense).  
 S93 Fighting, fire.  
 N27-10 Fighting, fire, hose.  
 VF Fighting planes.  
 S75-1 Figure run device, torpedo.  
 S28-4 Figures, letters, identification, ship's name.  
 EF13-46 Fiji Islands (British).  
 F34-2 File cases.  
 A6-6 File records and index systems.  
 S32-9 Filing cases.  
 N36-1 Filing equipment.

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S76-1 Filler, mine.  
 S78-1 Filler, projectile, ammunition.  
 JJ52-7 Fillers (paint).  
 S77-1 Fillers, for projectiles, gas and smoke warfare.  
 N1-3 Filling (grounds).  
 S19-1 Filling, cement (for watercourses, etc.).  
 N5-78 Filling, mine.  
 S22 Filling, rudder.  
 S85 Film, photographic.  
 F41-10 Films, camera gun.  
 F44-2 Films and containers, photography.  
 A7-4 Films and motion pictures, publicity.  
 S37-2 Films and X-ray machines, medical.  
 N25-3 Filter beds, filters, filtration plants.  
 F27-2 Filter, strainers and fuel piping.  
 S56 Filters, feed water and tanks, material.  
 S55-2 Filters, fuel-oil.  
 S77-2 Filters, gas and smoke warfare.  
 S45-1 Filters, oil, lubrication.  
 S71-8 Filters, ray, fire-control.  
 S15 Filters and separators, gasoline.  
 F8-4 Final acceptance trials.  
 S8-4 Final acceptance trials.  
 F1-5 Final design.  
 P19-1 Final marks for discharge.  
 FW13 Finance, Chief of Army.  
 EP8 Finance division, Post Office Department.  
 OF27 Finance office (afloat).  
 L18 Financial dealings (individuals).  
 L10-5 Financial report.  
 P1-6 Financial responsibility.  
 SS230 **FINBACK.**  
 AM9 **FINCH.**  
 S71 Finders, submarine attack, bearing, monocular, fire control.  
 A17-16 Findings of courts.  
 HT Fine Arts Commission.  
 P1-5 Fingerprints.  
 F38 Finish.  
 F1-3 Finish specifications.  
 S29-1 Finished weights returned.  
 EF26 Finland.  
 F12-3 Fins.  
 F16 Fins and rudders.  
 YN12 **FIR** (now Chinquapin).  
 S65-4 Fire alarm systems.  
 N27-1 Fire alarm systems.  
 S47 Fire and bilge pumps.  
 S13-5 Fire control armor.  
 P16-5 Fire control details.  
 S71-1 Fire control distribution, main battery.  
 S86-2 Fire control instruction apparatus.  
 NP17 Fire control laboratory, Washington, D. C.  
 MS Fire control man.  
 S91-1 Fire control repair shops.  
 S62 Fire control switchboard.  
 AMc33 **FIRECREST.**  
 A5-9 Fire distribution, gunnery exercises, drills.  
 S93 Fire doors (ship).  
 F34-6 Fire extinguishers.

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S39-1 Fire felt insulation.  
 S93 Fire fighting, extinguishers, and apparatus.  
 L13-2 Fire insurance.  
 NR8 Fire Island, N. Y., radio-traffic station.  
 NX11 Fire Island, N. Y., radio-direction station.  
 S48-3 Fire mains, sprinkling and flooding system, piping.  
 L9-1 Fire protection of ships at yards.  
 N27 Fire protection.  
 N25-1 Fire protection, storage of water for.  
 S47 Fire pumps.  
 A5-9 Fire and rescue drills, and curved fire speed data (ships and aircraft).  
 P13-4 Firearms, careless handling of.  
 N4-9 Fire rescue gas chambers, training in  
 L11-1 Fires.  
 S34-2 Fireless cookers.  
 ME Fireman, enlisted.  
 F38-5 Fireproofing.  
 S65 Fireroom signals.  
 S11-7 Fireroom trunk.  
 S51-4 Firerooms.  
 F10 Firewall, engine mount and nacelle.  
 S71 Firing attachments, mine indicators, keys, turret guns.  
 S76 Firing batteries, cables, circuits, and devices, mine.  
 S73 Firing, broadside guns, trials, and locks.  
 S86-2 Firing director teachers, instructions.  
 S78-1 Firing, premature, ammunition.  
 A5-6 Firing regulations, small arms.  
 S74-1 Firing trials, antiaircraft guns.  
 S72-4 Firing trials and locks, turret guns.  
 S75-2 Firing valves and mechanism, torpedo tubes.  
 AM98 **FIRM.**  
 QM Firms, commercial.  
 L4-1 Firms, purchasing.  
 L13-1 Firms selling to Navy, annual guaranties.  
 KA1 First advance base, marines.  
 P3-2 First aid.  
 L7-1 First commissioning of ship's outfits.  
 OF12 First lieutenant of ship.  
 OA7 First lieutenants, Marine Corps.  
 S32-1 First lieutenant's office.  
 F34-5 First-aid kits.  
 ND1 First naval district.  
 EN9-130 First naval district, supervisory cost inspector.  
 L12-2 Fiscal agents.  
 QI Fish.  
 H1-6 Fish banks, nets, stakes, etc.  
 QS14 Fish Commission ships.  
 H1-6 Fish nets, location.  
 EN25-15 Fisher Boat Works, Detroit, Mich., supervisor of ship-building.  
 ET34 Fisheries, Bureau of, Department of the Interior.  
 NZ3 Fishery reservations.  
 DD462 **FITCH.**  
 P20-2 Fitness records, personnel.  
 S91-2 Fitter's and plumber's lockers.  
 N5-58 Fitters, pipe shop.  
 A4-1 Fitting out aircraft, ships and yards.  
 N15-1 Fitting out piers.

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N31-2 Fitting-out and shipbuilding cranes.  
 F14 Fittings and axial cable, structure.  
 S53 Fittings, blower.  
 S82-1 Fittings, boats.  
 F13 Fittings, body, landing gear, catapulting.  
 S51 Fittings, boiler.  
 F45-2 Fittings, cables, lines, and ropes, mooring-hauling, handling.  
 F17 Fittings, car.  
 S46-5 Fittings, condensers.  
 S56-4 Fittings and connections, feed water tanks.  
 F22-1 Fittings, control transmission.  
 F25 Fittings, cooling system.  
 S12 Fittings and davits, rail, ridge, and awning stanchions.  
 S76-2 Fittings, depth, hydraulic control, depth charge.  
 S41-4 Fittings, electric drive.  
 F15 Fittings, exhaust trunks and propeller, hull.  
 F11 Fittings, external, internal, aileron, wing.  
 F32 Fittings, fairleads, pylons, sheaves, control system.  
 F12-3 Fittings, internal, external fin, tail group.  
 F16 Fittings, fins and rudder.  
 S24-8 Fittings and foundations, navigational.  
 F27 Fittings, fuel system.  
 F18 Fittings, gas cells.  
 S83-1 Fittings for handling airplanes, interior traveling crane,  
     trolleys, and track.  
 F26 Fittings, lubrication system.  
 F35-1 Fittings, ventilation.  
 S16 Fittings, operating gear, and gaskets for armor doors and  
     hatches.  
 F28-2 Fittings, piping condensers.  
 S81-2 Fittings, ropes, chains, blocks, rigging, paravanes.  
 F21-3 Fittings, teach rods, connections, and engine.  
 S17 Fittings, towers, cranes, derricks, masts and spars.  
 F48-2 Fittings and tubing, anti-icing.  
 S72-3 Fittings, turret.  
 F33-1 Fittings, voice tubes, leads, I. C.  
 EF27 Fiume.  
 S78-1 Fixed ammunition.  
 S71-4 Fixed angle control instruments, torpedo control and above  
     water torpedo tubes.  
 L10-3 Fixed charges, industrial accounting.  
 F21-8 Fixed, engine test.  
 F34-6 Fixed equipment.  
 F41 Fixed gun sights, mounts, and targets.  
 S12-3 Fixed lights.  
 S24-8 Fixed and portable chart boards.  
 H2-5 Fixing positions, (including computations and formulae)  
     navigation.  
 F5-1 Fixtures.  
 F34-4 Fixtures, fresh-water storage sanitation.  
 F36-5 Fixtures, lighting.  
 P13-2 Flag, disrespect to.  
 N5-52 Flag loft.  
 A6-3 Flag signaling code.  
 A16-3 Flag of truce.  
 N12-4 Flagpoles.  
 S70-2 Flags, sight-signaling.  
 P6-4 Flags for covering caskets.  
 A12-2 Flags, historical.

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F14-3 Flagstaff, stern.  
 S17-2 Flagstaffs, sockets and fittings.  
 S51-2 Flame retarders, boiler.  
 S78-2 Flame seals, ammunition handling.  
 S77-1 Flame throwers, gas and smoke warfare.  
 S11-5 Flameproof and protection casings.  
 S72-10 Flameproof and powder flaps, turret guns.  
 NS14 Flamenco Island, C. Z., harbor control station.  
 AMc22 **FLAMINGO** (stricken).  
 AM32 **FLAMINGO** (new).  
 S29-6 Flanging.  
 S48-23 Flanges, piping.  
 S72-10 Flaps, flameproof and powder, turret.  
 N39-1 Flares, landing field.  
 F41 Flares, ordnance, parachute.  
 S70-1 Flares, signals, flare-up lights, and blue lights, pyrotechnics  
 F36-11 Flares, wing tip, landing lights, parachute.  
 SS249 **FLASHER**.  
 S78-1 Flashless powder, ammunition.  
 F36-6 Flashlights and batteries (aircraft).  
 S64-4 Flashlights and batteries.  
 S55-5 Flash-point tester, fuel oil.  
 JJ55-1 Flashproof clothing.  
 S92 Flasks, portable tools.  
 S49-3 Flasks, air.  
 N5-25 Flasks, air and accumulator shops.  
 N8-2 Flasks, air and accumulators, torpedo, laboratories for.  
 S75-1 Flasks, combustion torpedo and fuel.  
 N30-2 Flatcars.  
 S28-6 Flat mark, dead, designating.  
 S78-1 Flat-nose, nonricochet projectiles, ammunition.  
 S32-9 Flat-top, typewriter, and standing desks.  
 S11-6 Flats, holds, platforms, and decks, hull.  
 S16-4 Flats, walking.  
 S92 Flatters.  
 P2-3 Fleas, extinction of.  
 S32-1 Fleet and administration offices.  
 FF13 Fleet, Atlantic.  
 FF5 Fleet base force (obsolete).  
 NB25 Fleet Base, Long Beach, Calif.  
 NB18 Fleet base, training, San Clemente, Calif.  
 OF2 Fleet commander.  
 FF11-1 Fleet destroyer training detachment, U. S. Fleet (obsolete).  
 NC102 Fleet machine gun school, Puuloa (Pearl Harbor), T. H.  
 KA Fleet Marine Force.  
 A14-5 Fleet, missions, international.  
 FF12 Fleet, Pacific.  
 NC91 Fleet parachute material school, Pearl Harbor, T. H.  
 A2-5 Fleet regulations, and shore establishment.  
 QR1 Fleet Reserves.  
 SS Fleet Submarine (ex-SF).  
 FF11 Fleet training detachment, U. S. Fleet (obsolete)  
 EN3-7 Fleet training division, Navy.  
 FF6 Fleet transportation force.  
 AT Fleet tugs (ocean-going).  
 FA-FZ Fleets, ships.  
 DD445 **FLETCHER**  
 F41-4 Flexible machine gun mounts.  
 S71-8 Flexible shafting, fire control.

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AM70	<b>FLICKER</b>
SS250	<b>FLIER</b>
P16-4	Flight orders and pay.
F1-5	Flight performance tests, final design.
P20-2	Flight records (personnel).
OV1	Flight surgeons.
F31-4	Flight test instruments.
S78-1	Flight, time of, projectiles, ammunition.
A4-3	Flights, aircraft.
CL64	<b>FLINT</b>
F41	Float lights (aircraft ordnance).
F36-7	Float lights, electric power and lighting.
S70-1	Float lights, sight signaling apparatus.
F13-3	Float retracting mechanism, landing gear.
S76-1	Float sets, mine.
N31-9	Floating cranes and derricks.
ARD	Floating drydocks.
N34-2	Floating and land pile drivers.
YCF	Floats, car.
N15-5	Floats, landing.
F13	Floats, landing gear.
L18	Floating debt.
YD	Floating derricks.
N16-5	Floating drydocks.
S76	Floating mines.
YR	Floating workshops.
S88-4	Flooding, counter, damage control.
S48-3	Flooding and sprinkling system, fire mains, piping.
N39-1	Floodlights, landing field.
H4-9	Floods.
L11-1	Floods, damage by.
F34-6	Floor covering.
S16-6	Floor plates and supports.
S36-5	Floor waxing machines.
F34-6	Flooring.
F13-1	Flooring, hull.
S11-3	Floors.
N19-2	Floors, ceilings, walls (buildings).
BB30	<b>FLORIDA</b> (stricken).
EG10	Florida.
ASR9	<b>FLORIKAN</b>
F13-6	Flotation gear.
F48-1	Flotation tanks, beaching gear.
OF2	Flotilla commanders.
FD	Flotillas (vessels).
H3-3	Flotsam and jetsam.
SS251	<b>FLOUNDER.</b>
A15-1	Flourishes and ruffles.
S87	Flow meter.
F31-1	Flow meter, fuel.
NA24	Floyd Bennett Field, Brooklyn, N. Y., Naval Reserve aviation base.
N7-9	Flues, chimneys and stacks.
F48-2	Fluid, containers and propellers, anti-icing.
S47	Flushing pumps.
S48-7	Flushing system, salt water.
DD289	<b>FLUSSER</b> (stricken).
DD368	<b>FLUSSER</b> (new).
S24-6	Flying bridge.

S11-6 Flying deck.  
 CF Flying deck cruisers (obsolete).  
 SS229 **FLYING FISH.**  
 F49-4 Flying suits.  
 F22-1 Flywheel, separate.  
 S41 Flywheels and casings, main propelling machinery.  
 N27-8 Foam fire protection.  
 S71-8 Focusing and telescopic caps, fire control.  
 A6-3 Fog code.  
 H4-9 Fog dispersal, and reports.  
 H3-4 Fog and smoke, obstructing navigation.  
 S24-8 Fog horns, portable and mechanical.  
 S48-25 Fog horns, installed, sirens, whistles.  
 H2-16 Fog signal stations.  
 A6-3 Fog signaling (communications).  
 EN25-14 Fogal Boat Works, Miami, Fla., supervisor of shipbuilding.  
 S71 Follow-the-pointer systems, fire and torpedo control.  
 NX24 Folly Island, S. C., radio direction-finder station.  
 AK22 **FOMALHAUT.**  
 N4 Food, buildings for, preparation, and serving of.  
 S34 Food service.  
 N6-56 Food storehouse.  
 S37-2 Food trays for patients.  
 F32-1 Foot bars, rudder control.  
 S16-6 Foot rails, turret and smokestack.  
 P10-1 Football.  
 N1-7 Football fields.  
 DD169 **FOOTE** (stricken).  
 DD511 **FOOTE** (new).  
 P6-6 Footstones, grave markers.  
 A5-1 Force, division, or section practices, gun exercise.  
 DD228 **FORD, JOHN D.**  
 NC78 Ford Motor Co., Dearborn, Mich., naval service school.  
 S11-6 Forecastle deck.  
 AM99 **FORCE.**  
 OF4 Force commander.  
 S53 Forced-draft blowers.  
 S45-1 Forced lubrication.  
 FE Forces.  
 A16-3 Forces combined, operation, war.  
 P16-1 Forces, increase and decrease of.  
 H4-7 Forecasts and advices, weather service.  
 A8-5 Foreign activities.  
 A14 Foreign affairs, policies, doctrines of state.  
 ES26 Foreign Agriculture Service, Department of State.  
 QD6 Foreign bands and orchestras.  
 L21-1 Foreign bottoms, shipment in.  
 P13-7 Foreign commerce, offenses against.  
 L23 Foreign currency.  
 P15 Foreign decorations.  
 ES25 Foreign and Domestic Commerce, Department of State.  
 N16 Foreign drydocks, government and commercial.  
 L4-1 Foreign firms.  
 EF Foreign governments and countries.  
 QS15 Foreign governments, ships belonging to.  
 L11 Foreign governments, sales, transfers, loans to.  
 A8-2 Foreign information.  
 L12-2 Foreign investments.  
 P11-5 Foreign languages.

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A6-4 Foreign mail.  
 EP7 Foreign mails, Post Office Department.  
 A8-2 Foreign military information.  
 OQ Foreign officers other than attachés.  
 L24 Foreign production.  
 L4-3 Foreign purchases.  
 QV3 Foreign radio stations.  
 P16-3 Foreign service.  
 ES24 Foreign service administration, State Department.  
 A4 Foreign ships or aircraft to U. S. ports, visits of.  
 NE15 Foreign trial courses.  
 QW16 Foreign wars.  
 P1-4 Foreigners.  
 A8-5 Foreigners, activities of.  
 NZ4 Forest reservations.  
 EA11 Forest Service, Department of Agriculture.  
 N5-7 Forge shops.  
 P13-3 Forgery.  
 S91-2 Forges.  
 S73-1 Forging, broadside guns.  
 S92 Forging, dies.  
 S11-8 Forging, hull structural.  
 S72-4 Forging, turret guns.  
 S74-1 Forgings, antiaircraft guns.  
 S73-1 Forgings, broadside guns.  
 S75-1 Forgings, torpedo.  
 S76-2 Forks, safety, depth charge.  
 N20-9 Formations, earth, for navigational aids.  
 A16-3 Formations, war.  
 H4-8 Forms, aerological.  
 A3-3 Forms and blanks (organization and management).  
 L4-3 Forms, contract.  
 L2-2 Forms, drafting room.  
 S86-4 Forms of instruction apparatus, general.  
 F5-1 Forms, special.  
 S5 Forms, special mold.  
 EF37-2 Formosa (Japan).  
 DD461 **FORREST.**  
 ND14 Fourteenth naval district.  
 NT1-4 Fort Lafayette, N. Y., magazine.  
 KP12 Fort Lafayette, N. Y., marine post.  
 KP13 Fort Lyon, Calif., marine post.  
 NT1-5 Fort Mifflin, Pa., ammunition depot.  
 KP14 Fort Mifflin, Pa., marine post.  
 NT4-20 Fort Mifflin, Pa., naval net depot.  
 LE3-1 Fort Schuyler, N. Y., Maritime Commission Cadet School.  
 NS13 Fort Sherman, C. Z., harbor control station.  
 NX50 Fort Stevens, Oreg., radio direction-finder station.  
 NP24 Fort Trumbull, New London, Conn., underwater sound  
 laboratory.  
 EN9-180 Fort Wayne, Ind., navy cost inspector, Wayne Pump Co.  
 NP13 Fort Worth, Tex., helium production plant.  
 AMc81 **FORTITUDE.**  
 N12-3 Forts.  
 P7 Foster parents.  
 NX5 Fourth Cliff, Mass., radio direction-finder station.  
 S49-3 Foundation for air compressors, tanks and flasks.  
 F21-2 Foundation bolts, engine.

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S36-3 Foundations, scuttle butts.  
 S47 Foundations and stiffeners, pumps.  
 S37-2 Foundation, supports, brackets, medical (ship).  
 S11 Foundations (see also groups under which foundation serves).  
 S26-5 Foundations, accessories and stowage, mooring.  
 S12-1 Foundations and bits, chocks, and cleats.  
 F13-1 Foundations, body.  
 S24 Foundations and fittings, conning tower, navigational.  
 F36-1 Foundations, generator.  
 S71-8 Foundations, instrument.  
 S41-6 Foundations, main propelling machinery.  
 S81-1 Foundations, mine protection.  
 F15 Foundations, ordnance, mooring and handling.  
 S66 Foundations, platforms, and towers (searchlights).  
 S93 Foundations and racks, fire fighting.  
 S46-5 Foundations, saddle plates, and stiffeners, condensers.  
 S51-4 Foundations, spaces and saddles, boilers.  
 S29-4 Foundations for stabilizing devices and gear.  
 S61 Foundations and stiffeners, generators.  
 S43-2 Foundations and stiffeners, bearings.  
 S53 Foundations and stiffeners, blowers.  
 S73-2 Foundations and stiffeners, broadside guns.  
 S54-3 Foundations and stiffeners, coal and ash handling.  
 S74-1 Foundations and stiffeners, gear, antiaircraft guns.  
 S45-4 Foundations and stiffeners, lubricating equipment.  
 S42 Foundations and stiffeners, reduction gear.  
 S91-2 Foundations, stiffeners, and structural brackets.  
 S25 Foundations and stiffeners for towing engines and gear.  
 S72-1 Foundations and structures, turrets.  
 S85 Foundations, support and stiffeners, photography.  
 S52 Foundations and supports for smoke-pipe.  
 S75-2 Foundations, torpedo tube and launching gear.  
 N5-21 Foundations for turret assembly (structures).  
 N5-6 Foundries and sand-blasting shops (shop structures).  
 S91-1 Foundries.  
 P2-3 Foundry leggings.  
 L10-3 Foundry, Title Z stores and others (accounting).  
 S37-2 Fountain, dental.  
 S36-3 Fountain, drinking and drip pan.  
 N26-6 Fountains and coolers, water.  
 ND4 Fourth naval district.  
 EN9-132 Fourth naval district, supervisory cost inspector.  
 N33-19 Fowls, pets, domestic livestock, etc.  
 DD234 **FOX.**  
 S22 Frame, rudder.  
 S11-3 Frames.  
 S12-2 Frames, canopy.  
 S58-1 Frames and doors, evaporators.  
 S42 Frames, housing and casing, reduction gear.  
 F13 Frames, hull and landing gear.  
 F15 Framing.  
 F14 Framing, bow, main body, stern.  
 F17-1 Framing, car structure.  
 F16-1 Framing, fins and rudder.  
 S11-4 Framing, longitudinal.  
 EF28 France.  
 P9-2 Franchises and freedom (political relations).  
 DD497 **FRANKFORD.**  
 EW27-2 Frankford Arsenal (Army).

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CV13 **FRANKLIN.**  
 FG13 Franklin air group.  
 A6-4 Franking mail.  
 DD554 **FRANKS.**  
 P8-2 Fraternal associations.  
 P13 Fraudulent enlistment, and receipts.  
 P19-1 Fraudulent enlistment, discharge.  
 DD607 **FRAZIER.**  
 CA8 **FREDERICK** (stricken).  
 L14-2 Free entry.  
 F41-3 Free gun sights, machine gun.  
 S29-2 Freeboard.  
 EI23 Freedman's Hospital.  
 IX43 **FREEDOM.**  
 P9-2 Freedom and franchises (political relations).  
 A7-1 Freedom of speech and of press.  
 S24-6 Freeing ports, bridge.  
 S11-1 Freeing ports, outside plating.  
 S28-5 Free-lease vessels, war-service plates on.  
 S34-2 Freezers, ice cream.  
 L21 Freight carriers, express, rates, shipments.  
 N13-9 Freight sheds.  
 QW2 French naval war.  
 NT2-1 Frenchman's Bay, Maine, fuel depot.  
 N26-6 Fresh water, distribution, shore.  
 S36-3 Fresh water, potable, stowage.  
 S58 Fresh-water pump, distiller.  
 F34-4 Fresh-water storage and fixtures, sanitation.  
 S48-4 Fresh-water systems, other than feed water.  
 N23-7 Frequency changer houses (generating plants).  
 N7-8 Frequency changer houses, (gas generating plant structures).  
 S69 Frequency meters, electrical instruments.  
 S72-9 Friction, clutches, gun elevating.  
 EN9-171 Friede, V. M., Inc., New Orleans, La., navy cost inspector.  
 AMc27 **FRIGATE BIRD.**  
 NG Frontier forces, naval coastal.  
 N6-56 Fruit storehouse.  
 JJ7 Fuel (general).  
 A5-7 Fuel accounts, engineering performance.  
 S75-1 Fuel and combustion flasks, torpedoes.  
 A5-7 Fuel consumption and equivalents, engineering performance.  
 NT2 Fuel depots.  
 S75-3 Fuel filling attachments, torpedo.  
 F31-1 Fuel flowmeter.  
 F39-3 Fuel, marking for piping.  
 JJ7-3 Fuel oil.  
 S19-6 Fuel-oil coatings.  
 N15-1 Fuel-oil piers.  
 F31-1 Fuel-oil quantity gage.  
 N4-9 Fuel-oil school building.  
 S55 Fuel-oil storage and equipment burners.  
 S65-4 Fuel-oil tank indicators, electric.  
 N40 Fuel oil tanks and cleaning equipment.  
 S93 Fuel-oil tanks, fire fighting apparatus, steam fire extinguishers.  
 F31-1 Fuel and oil pressure gauges.  
 S55-1 Fuel oil tanks, pneumaticators on.  
 N24 Fuel plants.  
 F21-1 Fuel pumps, fuel-oil engine.

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F27 Fuel system, tanks (aircraft).  
 S41 Fuel system, main propelling machinery.  
 S75-1 Fuel and water valves, torpedo.  
 DD474 **FULLAM.**  
 DD297 **FULLER** (stricken).  
 AP14 **FULLER** (new).  
 S92 Fullers, tools, and equipment.  
 AMc46 **FULMAR.**  
 AS11 **FULTON** (new).  
 PG49 **FULTON** (ex-AS1; stricken)  
 S8-2 Full-power trials.  
 A5-7 Full-power trials, engineering performance.  
 N9-5 Fumigating buildings, and sterilizing.  
 P2-3 Fumigation.  
 S36-5 Fumigation of vessel.  
 L8-3 Fund requests, naval supply account.  
 L18 Fund, sinking.  
 L11 Funds, transfer of.  
 L1-1 Funds, working, and appropriation.  
 P6-4 Funerals and funeral expenses.  
 S77-1 Funnels, smoke, gas and smoke warfare.  
 P18-1 Furlough.  
 S51 Furnaces, fittings and casing, boilers.  
 S91-2 Furnaces, workshop.  
 F34-1 Furnishings, living quarters.  
 S33-6 Furniture, (except office and medical).  
 N37 Furniture, household.  
 S19-1 Furniture, locker, painting of, joiner work, etc.  
 N38 Furniture, nonhousehold.  
 N36-5 Furniture, office, desks, etc.  
 F15-4 Furniture, quarters.  
 S39-1 Furring pieces, insulation.  
 S78-3 Fuse boxes and wrenches, ammunition.  
 N5-32 Fuse and primer houses (shop structure).  
 N6-65 Fuse and primer storehouses.  
 F13-1 Fuselage, body.  
 S91-1 Fuselage and wing covering repair shops.  
 S78-1 Fuses, ammunition, handling and stowage.  
 F41-6 Fuses, bomb.  
 S62-2 Fuses, electric distribution.  
 F36-2 Fuses, electric power.  
 S76-1 Fuses, mine.

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SS252 **GABIAN.**  
 S17-2 Gaffs, masts and spars.  
 H4-9 Gales.  
 N4-9 Gallery, shooting.  
 S34-1 Galley.  
 N4-4 Galley building.  
 S34 Galley, range, oil, coal burning and electric, tools and oil tank.  
 F34-3 Galley ranges, messing equipment.  
 LE1-1 Gallups Island, Boston, Mass., maritime service training station.  
 F38-3 Galvanizing.  
 S19-2 Galvanizing.  
 N5-69 Galvanizing plant.  
 S69 Galvanometers.  
 CL19 **GALVESTON** (stricken).  
 CL93 **GALVESTON** (new).

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EN22-11 Galveston, Tex., hydrographic office.  
 EN9-30 Galveston, Tex., navy cost inspector, Todd Galveston D.  
         D. Co.  
 NX62 Galveston, Tex., radio direction-finder station.  
 NR50 Galveston, Tex., radio-traffic station.  
 NB90 Galveston, Tex., section base.  
 EF13-30 Gambia (British).  
 DM15 **GAMBLE** (ex-DD123).  
 P13-3 Gambling.  
 S86-5 Game outfits, war.  
 P10-1 Games, Olympic.  
 A16-3 Games, war.  
 F14-1 Gangplanks, bow.  
 L9-1 Gangs, (care and preservation).  
 N15-5 Gangways, landing.  
 S16-4 Gangways.  
 AVP8 **GANNET** (ex-AM41).  
 DD608 **GANSEVOORT**.  
 SS206 **GAR**.  
 N13-1 Garages.  
 JK Garbage.  
 S36-4 Garbage.  
 N9-7 Garbage-disposal plants.  
 YG Garbage Lighters.  
 N6-52 Garbage storehouse.  
 EN11-4 Garden City, Long Island, N. Y., inspector of naval aircraft.  
 N1-2 Gardens.  
 L16-4 Garnishment of pay.  
 P16-1 Garrisons.  
 A16-3 Gas, aerial, bombing and warfare.  
 S73-1 Gas check, and ejecting system.  
 S72-4 Gas checks and pad, turret guns.  
 S78-1 Gas checks, projectile, ammunition.  
 S77 Gas-cloud apparatus, gas and smoke warfare.  
 S59-1 Gas containers, ice machine.  
 S92 Gas-cutting outfits.  
 A5-9 Gas defense drills, ships and aircraft.  
 N19-18 Gas defensive structures.  
 S65-4 Gas-detector indicators, electric.  
 S87 Gas detectors.  
 S49-2 Gas ejector air compressors.  
 F36-1 Gas-engine-driven generators.  
 N4-9 Gas-engine school building, and gas chambers, fire rescue.  
 F24-2 Gas engine starter.  
 S41-3 Gas engines, motor boat.  
 F18 Gas envelopes (nonrigid).  
 N7 Gas-generating, power and pumping plant (structures).  
 F20 Gas, inflation.  
 F49-2 Gas masks.  
 JJ17-13 Gas, natural, etc. (fuel).  
 F15 Gas-pressure netting, hull.  
 P3-2 Gas and smoke, remedial apparatus and treatment.  
 F41-12 Gas and smoke warfare apparatus.  
 N26-4 Gas systems and stowage on shore.  
 F32-6 Gas valves, control.  
 A16-3 Gas warfare, aerial.  
 P4-1 Gas wounds (surgery).  
 JC Gases and gas containers.  
 S93 Gases, inert, fire-extinguishing.

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S16-7	Gaskets, operating gear, fittings.
JJ7-6	Gasoline.
YOG	Gasoline barges.
S15	Gasoline compartments, stowage and equipment.
S41-3	Gasoline engines, motorboat.
F38-2	Gasoline proof paint.
S47	Gasoline pumps.
L14-1	Gasoline, state taxes.
N24-3	Gasoline storage plants.
N6-33	Gasoline storehouses.
AOG	Gasoline tankers, auxiliaries.
N33-10	Gasoline wagons.
N3-4	Gates, house.
N23-8	Gates, sluice, generating plants.
SS212	<b>GATO.</b>
NR63	Gatun, C. Z. (Colon), naval radio-traffic station.
N36-11	Gauge and tide-predicting machines.
F51-1	Gauge unit, engine.
YO55	<b>GAUGER.</b>
S87	Gauges.
S75-2	Gauges, air and water, torpedo tubes.
S78-3	Gauges, ammunition.
S43-1	Gauges, bearing, bridge shafting.
S41-1	Gauges, blade clearance, turbine.
S73	Gauges, broadside guns.
S24-7	Gauges, depth.
F39-3	Gauges and draft marks.
S51-3	Gauges, external and internal fittings, boiler.
S56-4	Gauges, feed-water tanks.
S45-4	Gauges, float, lubricating oil.
S55-5	Gauges, fuel-oil.
F31-1	Gauges, fuel and oil pressure.
S15	Gauges, gasoline.
S28-6	Gauges, internal draft, and draft marks.
S72-4	Gauges, turret guns.
S38-1	Gauges, ventilation-testing.
F49-4	Gauntlets and gloves.
S83	Gear, airplane-handling and stowage.
F48-1	Gear, beaching.
S86-2	Gear and boards, spotting, fire-control instructions.
F21	Gear, compression-relief, engine-propelling.
S27	Gear and cranes complete, and cargo hatch davit.
S17-1	Gear and cranes complete.
S78	Gear, cranes and racks, bomb.
S51-3	Gear, deck-operating, for boiler valves.
S22	Gear, diving-rudder, and spare parts.
S94	Gear, diving and wrecking.
N6-10	Gear, docking, storehouse for.
S25	Gear and engines, foundations and stiffeners for.
S26-1	Gear, hydraulic speed mooring-machinery.
S41	Gear, internal-combustion engines, main propelling machinery.
F34-3	Gear, messing, galley.
S76-1	Gear, mine-laying.
F13	Gear, operating, amphibian landing and retrieving.
F15	Gear, operating, ballast system, hull.
S53	Gear, operating, deck and fireroom, blower.
F24	Gear, operating, starter magneto.
F25-2	Gear, operating, temperature control.

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S42 Gear, reduction, main propelling.  
 F17-2 Gear, release, car-suspension.  
 S82-1 Gear, releasing.  
 S72 Gear, securing, turret guns  
 S29-4 Gear and stabilizing devices.  
 S92 Gear and tool boards.  
 S43-1 Gear, turning, shafting, shifting and propeller-clutch.  
 F27-4 Gearing, power pumps.  
 F32 Gearing, reduction, control-system.  
 F22 Gearing and shafting, engine to propeller.  
 S73 Gears and drives, broadside mounts and guns.  
 F13 Gears, flotation and landing.  
 S21 Gears, hydraulic speed.  
 S81-1 Gears, mine, torpedo, bomb-and-splinter-protection (other than structural).  
 F24-3 Gears, reduction, hand starters.  
 S43 Gears, shafting and bearing.  
 S71-8 Gears, synchronizing, gun-control.  
 S75 Gears, torpedo.  
 P1 Genealogy and identification.  
 S16-1 General access correspondence and compartment and access plan.  
 GF General Accounting Office.  
 L10-5 General accounts, reports, returns, (accounting).  
 AG5 **GENERAL ALAVA** (stricken).  
 S65 General announcing systems, alarm gongs.  
 EN15 General Board.  
 F1-1 General Board requirements.  
 EN9-77 General Electric Co., Erie, Pa., navy cost inspector.  
 EN9-141 General Electric Co., Pittsfield, Mass., navy cost inspector.  
 EN9-51 General Electric Co., Schenectady, N. Y., navy cost inspector.  
 S91-1 General electric repair stations and workshops.  
 F21-1 General electric supercharger.  
 EN9-70 General Eng. & D. D. Co., Alameda, Calif., navy cost inspector.  
 S1-7 General information booklets.  
 EN8-25 General inspector of machinery.  
 EN11 General inspector of naval aircraft.  
 EN25-1 General inspector, supervisor of shipbuilding.  
 EN9-12 General inspector, supply corps.  
 EI2 General Land Office.  
 S64-1 General lighting (wiring and wiring appliances).  
 EN9-73 General Mach. Corporation, Hamilton, Ohio, navy cost inspector.  
 S34-1 General mess (commissary spaces).  
 JJ56-2 General mess (provisions and stores).  
 EN9-84 General Mills, Inc., Minneapolis, Minn., navy cost inspector.  
 EN8-38 General Motors Corporation, Cleveland, Ohio, inspector of machinery.  
 EN6-37 General Motors Corporation, Pontiac, Mich., inspector of ordnance.  
 EN9-88 General Motors Corporation, Pontiac, Mich., navy cost inspector.  
 A2-9 General orders.  
 EN27 General staff of the Navy.  
 EW3 General staff, War Department.  
 N6-75 General stockrooms.

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ET16 General supply committee.  
 P4-1 General surgery.  
 VJ General utility plane.  
 N23 Generating plants.  
 S41-4 Generating sets, electric drive.  
 S65-5 Generator, main, shaft indicators.  
 F42-1 Generator mounts, radio.  
 S61 Generators, electric power (except electric drive).  
 F21-1 Generators, engine.  
 F41 Generators, impulse.  
 S69 Generators, magneto, testing set.  
 S41 Generators, main propelling machinery.  
 S41-3 Generators, motorboat engines.  
 S63-3 Generators, motor, and similar apparatus.  
 S72-2 Generators, motor, turret machinery.  
 F36 Generators, similar apparatus, motor.  
**AT55 GENESEE.**  
 P3-1 Genitourinary (nonvenereal) diseases.  
 HR Geographic Board, United States.  
 QX Geographic divisions, water.  
 H1 Geographic names and positions.  
 EI7 Geological survey.  
 EI14 Geological survey, Alaska mineral resources.  
 EI8 Geological survey, executive division.  
 EI9 Geological survey, geologic branch.  
 EI12 Geological survey land classification.  
 EI13 Geological survey mineral resources.  
 EI11 Geological survey topographic.  
 EI10 Geological survey water resources.  
 AVD3 **GEORGE E. BADGER** (ex-DD196).  
 AP13 **GEORGE F. ELLIOTT.**  
 NA75 Georgetown, British Guiana, naval air station.  
 EF6 Georgia.  
 EG11 Georgia (U. S.)  
 EF30 Germany.  
 YT119 **GERONIMO.**  
 AE7 **GIBBINS, HENRY.**  
 EN9-25 Gibbs and Cox, New York, N. Y., navy cost inspector.  
 EF13-4 Gibraltar.  
 AK36 **GIBSON, WILLIAM R.**  
 L22 Gifts.  
 DD609 **GILLESPIE.**  
 AVD12 **GILLIS** (ex-DD260).  
 DD233 **GILMER.**  
 S17-1 Gin pole.  
 S11-6 Girders, deck.  
 S72-1 Girders, gun, turret and roof.  
 F14-2 Girders, main body.  
 S44 Gland, rings and joint, propellers.  
 S71-8 Glands, fire control appliances.  
 S41-1 Glands and packing, turbine.  
 S46-5 Glands, tubes, condensers.  
 S37-2 Glass and bottle racks (in sick bay).  
 S34-2 Glass racks.  
 N6-29 Glass storehouses.  
 S71-8 Glasses, fire control.  
 S87 Glasses, gauge.  
 F49-7 Glasses, reading.  
 F41-3 Glasses, spotting, machine-gun sights.

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S34-2 Glassware.  
 DD423 **GLEAVES.**  
 DD620 **GLENNON.**  
 NA18 Glenview, Chicago, Ill., naval reserve aviation base.  
 VL Gliders.  
 S75-1 Gliding torpedoes.  
 EN9-158 Globe-Union, Inc., Milwaukee, Wis., navy cost inspector.  
 P2-3 Gloves, asbestos (preventive medicine).  
 F49-4 Gloves.  
 S92 Glue, kettles.  
 DD247 **GOFF.**  
 F49-4 Goggles.  
 EF13-31 Gold Coast.  
 JJ46-14 Gold (metals).  
 AG12 **GOLD STAR.**  
 F18-6 Goldbeater's skin.  
 AM78 **GOLDCREST** (stricken).  
 AM80 **GOLDCREST** (new).  
 AM77 **GOLDFINCH.**  
 AVD5 **GOLDSBOROUGH** (ex-DD188).  
 P10-1 Golf.  
 N1-7 Golf courses.  
 YX20 **GOLIAH.**  
 N30-7 Gondolas.  
 S71-8 Gongs, cease firing, fire control.  
 S65-4 Gongs, interior-communication.  
 P15 Good-conduct medals and bars.  
 P13-10 Good-conduct, reductions of sentence.  
 P19-1 Good-of-service discharge.  
 S38-1 Goosenecks, ventilating.  
 IX11 **GOPHER** (stricken).  
 AM79 **GOSHAWK** (ex-AMc4).  
 S75-1 Governing gear, torpedo.  
 A2-1 Government, articles on Navy (executive action).  
 QD4 Government bands other than Navy.  
 L21-1 Government conveyance, shipment by.  
 L11-4 Government department sales.  
 N16-12 Government drydocks, foreign.  
 GA-HZ Government establishments, independent, etc.  
 A1-2 Government policies.  
 GP Government Printing Office.  
 QV1 Government radio stations other than Navy.  
 L20-1 Government ships, transportation on.  
 AMc82 **GOVERNOR.**  
 S49-3 Governors, air.  
 S41 Governors, main propelling machinery.  
 S48-23 Governors, piping.  
 S16-4 Grab rails.  
 S12-5 Grab rods.  
 S72-3 Grabs, turret.  
 AM73 **GRACKLE.**  
 N1-3 Grading (grounds).  
 P17-1 Grading and regrading, promotion and demotion.  
 P11-1 Graduation certificates.  
 P17-1 Graduation list.  
 S72-7 Graduation, sight, turret gun.  
 P13-3 Graft.  
 EN9-107 Graham-Paige Motor Co., Detroit, Mich., navy cost inspector.

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EA23 Grain future trading act, administration of, Department of  
Agriculture.

YX11 **GRAMPUS** (stricken).

SS207 **GRAMPUS** (new).

QG Grand divisions of land.

QH Grand divisions, water.

NR47 Grand Island, La., radio-traffic station.

NX36 Grand Marais, Mich., radio direction-finder station.

N4-10 Grand stands.

JJ59-5 Granite.

AP29 **GRANT, U. S.**

N1-13 Grants, land.

S71-1 Graphic range plotter, fire control.

S71-4 Graphs, torpedo control.

F45 Grapnels and anchors, handling, mooring, hauling.

S26-5 Grapnels, chain.

ARS7 **GRAPPLE.**

N1-2 Grass.

S51-2 Grate bars, boiler.

S93 Grate, bunker, steam fire extinguishers, with piping and  
valves.

S16-4 Gratings.

S18-1 Gratings, rope.

N2-2 Gratings, street.

S14-1 Gratings, wood.

L16-9 Gratuities (pay).

P14-2 Gratuitous service.

L13-2 Gratuity, after death (insurance and bonding).

N1-6 Gravel pits.

JJ59-6 Gravel, sand, building material.

N6-32 Gravel storehouses.

P6-6 Graves and markers.

N16-1 Graving dry docks, and pumps for.

S73-1 Gravity, center of, guns and mounts, broadside guns.

S72-4 Gravity, center of, guns and mounts, turret guns.

S78-1 Gravity, center of, projectile ammunition.

F1-5 Gravity determination, center of, design.

S45-2 Gravity lubricating piping.

S55-1 Gravity, service and settling, tanks, fuel oil stowage and  
equipmet.

H1-15 Gravity, specific, sea water and constituents.

F27-1 Gravity tanks, or fixed service, fuel tanks.

SS208 **GRAYBACK.**

SS209 **GRAYLING.**

DD435 **GRAYSON.**

S73-2 Grease cups, broadside guns.

S71-8 Grease cups, fire control.

S56-2 Grease extractors, feed water.

S45-4 Grease guns.

S75-2 Grease and oil cups, torpedo.

QW4 Great Britain, War 1812.

NA72 Great Exemino Island, Bahama Islands, naval air station.

NC8 Great Lakes, Ill., aviation mechanics' school.

KP15 Great Lakes, Ill., marine post.

NH13 Great Lakes, Ill., naval hospital.

EN9-63 Great Lakes, Ill., Navy cost inspector.

NC31 Great Lakes, Ill., radio school.

NR52 Great Lakes, Ill., radio-traffic station.

NM3 Great Lakes, Ill., training station.

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NE8 Great Lakes, Ill., trial course.  
 QX9 Great Lakes—St. Lawrence Deep Waterway.  
 AM43 **GREBE.**  
 EF31 Greece.  
 AVD13 **GREENE** (ex-DD266).  
 N1-2 Greenhouses, nursery building.  
 EF22-2 Greenland.  
 ASR10 **GREENLET.**  
 SS213 **GREENLING.**  
 H7 Greenwich time.  
 DD145 **GREER.**  
 APD3 **GREGORY** (ex-DD82).  
 S78-1 Grenades, hand and rifle.  
 S79-4 Grenades and lights, rifle discharges for.  
 SS210 **GRENADIER.**  
 DD92 **GRIDLEY** (stricken).  
 DD380 **GRIDLEY** (new).  
 S76-1 Grids, mine.  
 AS13 **GRIFFIN.**  
 S34-2 Grinders, meat.  
 S91-2 Grinders (ship).  
 S76-1 Grips, wire-rope, mines.  
 S78-1 Grommets, projectile ammunition.  
 AMc19 **GROSBEAK.**  
 S29-1 Gross tonnage.  
 NA19 Grosse Ile, Detroit, Mich., naval reserve aviation base.  
 EN25-8 Groton, Conn., Electric Boat Co., supervisor of shipbuilding.  
 EN8-5 Groton, Conn., inspector of machinery.  
 EN6-4 Groton, Conn., inspector of ordnance.  
 EN9-26 Groton, Conn., Navy cost inspector, Electric Boat Co.  
 EN25-8 Groton, Conn., supervisor of shipbuilding, Electric Boat Co.  
 S85 Ground and aerial photography.  
 F31-3 Ground speed indicator.  
 L11 Groundings, casualties and salvage.  
 N34 Grounds and buildings, construction and maintenance.  
 N19 Grounds, general.  
 N1 Grounds, polo.  
 L10-3 Group classification (accounting).  
 P13-6 Group, community or locality, moral condition of.  
 P3-1 Group diseases.  
 SS214 **GROUPER.**  
 AMc12 **GROUSE.**  
 SS215 **GROWLER.**  
 SS216 **GRUNION.**  
 AO32 **GUADALUPE.**  
 EF28-19 Gaudaloupe (French Colony).  
 CB2 **GAUM** (now Wake; ex-PG43).  
 PR3 **GUAM.**  
 EG54 Guam.  
 NH18-1 Guam leper colony.  
 NA42 Guam naval air base.  
 KP17 Guam, Marianas Islands, headquarters detachment.  
 KP16 Guam, Marianas Islands, marine post.  
 NH18 Guam, Marianas Islands, naval hospital.  
 NS8 Guam, Marianas Islands, naval station.  
 NX60 Guam, Marianas Islands, radio direction-finder station.  
 NR93 Guam, Marianas Islands, radio-traffic station.  
 KH5 Guam, marine post exchange.  
 NU1 Guam, radar station.

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KV3 Guam (Suma) aviation detachment, marine.  
 KV8 Guantanamo Bay, Cuba, aviation marine detachment.  
 KP18 Guantanamo Bay, Cuba, marine post.  
 NM16 Guantanamo Bay, Cuba, marine receiving barracks.  
 NA56 Guantanamo Bay, Cuba, naval air station.  
 NH23 Guantanamo Bay, Cuba, naval hospital.  
 NT1-21 Guantanamo Bay, Cuba, naval magazine.  
 NT4-12 Guantanamo Bay, Cuba, naval net depot, Hospital Cay.  
 NB37 Guantanamo Bay, Cuba, naval operating base.  
 NS4 Guantanamo Bay, Cuba, naval station.  
 NU7 Guantanamo Bay, Cuba, radar station.  
 NR13 Guantanamo Bay, Cuba, radio-traffic station.  
 NM16 Guantanamo Bay, Cuba, receiving barracks.  
 NB53 Guantanamo Bay, Cuba, section base.  
 NE14 Guantanamo Bay, Cuba, trial course.  
 A13-4 Guarantees (patents).  
 L13 Guaranties and bonds.  
 L4-2 Guaranties on proposals (purchasing).  
 L11 Guaranties for safe return, general (appreciation, depreciation and disposition).  
 F1-4 Guaranty, contract.  
 L6-1 Guaranty period.  
 L4-2 Guaranty, requests of return by bidders (purchasing).  
 A6-4 Guard for mail.  
 A5-9 Guard mounting exercise (drills).  
 L9-2 Guard service (military and civil).  
 SS217 **GUARDFISH.**  
 N4-15 Guardhouse.  
 P7 Guardians.  
 P13-8 Guards for apprehended deserters and stragglers other than military.  
 P16 Guards, armed (assignment and detail).  
 A4-4 Guards, boats, medical.  
 S71-8 Guards, eye, fire control.  
 A15-1 Guards of honor.  
 S12 Guards, hull fittings.  
 EF32 Guatemala.  
 SS211 **GUDGEON.**  
 A16-3 Guerrilla warfare.  
 DD472 **GUEST.**  
 EF13-41 Guiana, British.  
 EF43-2 Guiana, Dutch.  
 EF28-19 Guiana, French.  
 AMc83 **GUIDE.**  
 L20-1 Guide books.  
 L21-7 Guide, naval shipping.  
 A6-4 Guide, postal.  
 S54-2 Guides, ash-hoist.  
 S41-2 Guides, crosshead, steam engine, and slippers.  
 S78-2 Guides, handling ammunition.  
 S73-1 Guides, primer, broadside gun.  
 S72-4 Guides, primer, turret gun.  
 S75-2 Guides, torpedo tubes.  
 S70-2 Guidons.  
 EF28-11 Guinea, French.  
 EN9-37 Gulf S. B. Corporation, Chickasaw, Ala., navy cost inspector.  
 EN25-26 Gulf S. B. Corporation, Chickasaw, Ala., supervisor of shipbuilding.

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QX2 Gulfs and bays.  
 H3-7 Gulfweed and seaweed, obstructing navigation.  
 AM74 **GULL.**  
 P5-1 Gum diseases.  
 YN13 **GUM-TREE.**  
 S80 Gun batteries, general.  
 S18-2 Gun bloomers, covers, canvas.  
 S92 Gun-boring outfit.  
 F21-1 Gun-control gears and mechanisms, engine.  
 S78-1 Gun-cotton ammunition and primer, Davis Gun, projectiles.  
 A5-1 Gun exercises, ships and aircraft.  
 NP7 Gun factory, Washington, D. C.  
 S8-2 Gun-firing tests, trials.  
 S11-14 Gun foundations (ordnance).  
 S72-1 Gun girders, turrets.  
 S64 Gun lights.  
 N6-64 Gun mounts, storehouse.  
 P16-5 Gun pointers, trainers, and screws, detail.  
 N12 Gun sheds and platforms.  
 N5 Gun shops.  
 PG Gunboats.  
 PR Gunboats, river.  
 SS253 **GUNNEL.**  
 OW Gunners (warrant).  
 MS Gunners' mates.  
 S79-3 Gunner's pouches, machine guns.  
 F41-10 Gunnery.  
 A5 Gunnery exercises, practices and competitions, ships and  
     aircraft.  
 OF14 Gunnery officer (of ship).  
 S32-1 Gunnery officers, office.  
 S85 Gunnery photography.  
 P20-2 Gunnery records of enlisted men.  
 N4-9 Gunnery school building.  
 ML4 Gunnery sergeant, marine corps.  
 QU Gunnery training ship.  
 S72-3 Gunport air seals, turret.  
 S18-2 Gunport canvas curtains.  
 S73-2 Gunport coamings, plates, shutters, sill plates, wing plates,  
     broadside mounts.  
 S74 Guns, antiaircraft.  
 F41-10 Guns, camera.  
 N34-16 Guns, cement, shore.  
 A5-9 Guns, classification of.  
 S86-3 Guns, drill, dummy, excaliber and subcaliber.  
 S71 Guns, fire-control.  
 S45-4 Guns, grease, lubricating.  
 P10-1 Guns and gunning clubs (athletics).  
 S94 Guns, line-throwing.  
     Guns, machine. (See Machine guns.)  
     Guns, machine and field, small arms and equipment.  
 S79 Guns and mounts.  
 S73 Guns, relining of, general.  
 S80 Guns, turret.  
 S72 **GURNARD.**  
 SS254  
 N19-13 Gutters, buildings.  
 N2-2 Gutters, street.  
 S52 Guys and connections, smoke pipes.  
 DD71 **GWIN** (stricken).

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DD433 **GWIN** (new).  
 N4-10 Gymnasium.  
 P10-1 Gymnastics.  
 P3-3 Gyneecology.  
 S26-1 Gypsy, mooring and appliances.  
 S22 Gyro automatic steering-gear control and pilot.  
 F31-1 Gyro, directional.  
 S65-5 Gyro telegraph.  
 S71 Gyro transmitters, torpedo and fire-control.  
 S91-1 Gyrocompass, repair shop.  
 N4-9 Gyrocompass school building.  
 S24-7 Gyrocompass.  
 N5-53 Gyrocompass shop.  
 N6-7 Gyrocompass storage.  
 S75 Gyros, mechanism and equipment, torpedoes.  
 S71-8 Gyroscopes and gyrometers, fire-control.  
 S78-1 Gyroscopic projectiles, ammunition.

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SS29 **H-2** (stricken).  
 SS30 **H-3** (stricken).  
 SS147 **H-4** (stricken).  
 SS148 **H-5** (stricken).  
 SS149 **H-6** (stricken).  
 SS150 **H-7** (stricken).  
 SS151 **H-8** (stricken).  
 SS152 **H-9** (stricken).  
 A17-5 Habeas corpus proceedings, law and justice.  
 P1-6 Habits and character.  
 P3-1 Habits, smoking (medicine).  
 S91-2 Hacksaws, power.  
 YN20 **HACKBERRY** (ex-Maple).  
 SS255 **HADDO**.  
 SS231 **HADDOCK**.  
 DD555 **HAGGARD**.  
 DD556 **HAILEY**.  
 S39-1 Hair-felt insulation.  
 EF33 Haiti.  
 SS256 **HAKE**.  
 DD133 **HALE** (stricken).  
 DD642 **HALE** (new).  
 S5 Half breadth plan molds.  
 AVP26 **HALF MOON**.  
 DD480 **HALFORD**.  
 SS232 **HALIBUT**.  
 DD583 **HALL**.  
 DD584 **HALLIGAN**.  
 N12-1 Halls, armory and drill.  
 N4-5 Halls, personnel structures.  
 S18-1 Halyards rigging.  
 DD455 **HAMBLETON**.  
 EF30 Hamburg (Germany).  
 DMS18 **HAMILTON**. (ex-DD141).  
 EN6-41 Hamilton, Ohio, inspector of ordnance, Herring-Hall-Marvin Safe Co.  
 EN9-73 Hamilton, Ohio, Navy cost inspector, General Mach. Corporation.  
 EN9-104 Hamilton, Ohio, Navy cost inspector, Herring-Hall-Marvin Safe Co.

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EN9-173 Hamilton, Ohio, navy cost inspector, Hoovers-Owens-Rentschler Co.  
 DD307 **HAMILTON, PAUL** (stricken).  
 DD590 **HAMILTON, PAUL** (new).  
 DD412 **HAMMANN**.  
 S92 Hammers (portable tools).  
 N34-18 Hammers, steam.  
 F34-1 Hammocks.  
 S33-6 Hammocks, living and berthing.  
 APV2 **HAMMONDSPORT**.  
 EN11-9 Hammondsport, N. Y., inspector of naval aircraft.  
 Hampton Roads, Va. (See Norfolk, Va.)  
 AD20 **HAMUL** (ex-AK30).  
 CV14 **HANCOCK** (new).  
 IX12 **HANCOCK** (ex-AP3) (stricken).  
 FG14 Hancock air group.  
 S51-5 Hand and automatic stokers, boilers (ship).  
 S47 Hand, fuel-oil pumps.  
 S41-6 Hand gear, power and turning, engine.  
 S33-6 Hand and leg irons.  
 S92 Hand and loose tools.  
 N34-21 Hand and portable tools, welding outfits, ground maintenance.  
 S47 Hand pumps.  
 F27-3 Hand pumps, fuel systems.  
 S78-1 Hand and rifle grenades, ammunition.  
 F24 Hand starter and crank.  
 S22 Hand steering gear.  
 JJ41 Hand tools.  
 N34-21 Hand tools, ground maintenance.  
 N33-11 Hand trucks.  
 S72-2 Hand turning gear, turret.  
 F37-1 Hand winches, mooring.  
 P10-1 Handball, athletics.  
 N1-7 Handball courts.  
 P13-10 Handcuffing of prisoners.  
 F13-1 Handhole covers, body group.  
 S51-1 Handholes, manholes, and plates, boiler.  
 S73-1 Handling breech-plug mechanisms, broadside guns.  
 S72-3 Handling breech plugs, mechanism, turrets.  
 S27 Handling cargo appliances.  
 A7-3 Handling of confidential publications.  
 L4-3 Handling contracts (purchasing).  
 A6-5 Handling correspondence.  
 P13-4 Handling of firearms, careless.  
 F15-7 Handling foundations, mooring.  
 S41-6 Handling and lifting gear, engine.  
 S75-3 Handling, loading and stowage of torpedoes.  
 S91-2 Handling material in workshops, trolley tracks and jib cranes for.  
 F45 Handling, mooring and towing gear.  
 S78-3 Handling room, ammunition.  
 S72-1 Handling room, turret.  
 S83 Handling and stowage of airplanes on ships.  
 S84 Handling and stowage, airship, kite, and balloon.  
 S78 Handling and stowage of ammunition (except turret).  
 S82-1 Handling and stowage of boats.  
 N31 Handling, weight.  
 S16-4 Handrails.

S47 Handy-billy pumps.  
 A5-9 Hang fires, gunnery exercises.  
 S11-6 Hangar deck.  
 S83-1 Hangars, stowage, hoisting gear, airplane.  
 S76-2 Hangers, hydraulic control, depth charges.  
 S62-2 Hangers and insulators, electric distribution.  
 S48-23 Hangers, piping.  
 S91-2 Hangers, pulleys, shafting, and belting, workshops.  
 S24-8 Hangers for ship's bells, watch and fog.  
 S48-23 Hangers and supports, pipe.  
 S51-3 Hangers, zinc and zinc basket, boilers.  
 AK32 **HANNAY, JOHN R. R.**  
 AG1 **HANNIBAL.**  
 DD183 **HARADEN** (stricken).  
 DD585 **HARADEN** (new).  
 QS18 Harbor boats, privately owned.  
 N12-8 Harbor defense, military control, structures.  
 NS15 Harbor entrance control posts.  
 EN9-35 Harbor Island, Seattle, Wash., navy cost inspector, Todd  
 Seattle D. D. Co.  
 A2-7 Harbor regulations (executive action).  
 YT Harbor tugs.  
 H1-1 Harbors and anchorages.  
 QX8 Harbors, geographic divisions, water.  
 P13-9 Hard labor, punishment.  
 SS257 **HARDER.**  
 DD91 **HARDING** (stricken).  
 DD625 **HARDING** (new).  
 F7 Hardness tester.  
 S12-4 Hardware, hull.  
 N6-30 Hardware storehouses.  
 F43-2 Harness, parachute.  
 AP8 **HARRIS.**  
 DD573 **HARRISON.**  
 EN6-14 Harrison, N. J., inspector of ordnance.  
 EN9-65 Harrison, N. J., navy cost inspector, Crucible Iron and  
 Steel Co.  
 EN9-128 Harrison, N. J., navy cost inspector, Worthington Pump  
 & Machine Corp.  
 EN11-31 Harrison, N. J., resident inspector of naval catapults.  
 AP17 **HARRY LEE.**  
 DM8 **HART** (stricken).  
 IX13 **HARTFORD.**  
 EN8-15 Hartford, Conn., inspector of engineering material.  
 EN11-6 Hartford, Conn., inspector of naval aircraft.  
 EN24-2 Hartford, Conn., inspector of naval material.  
 EN9-151 Hartford, Conn., navy cost inspector, Maxim Silencer Co.  
 EN9-121 Hartford Electric Steel Corp., Boston, Mass., navy cost  
 inspector.  
 P13-4 Hasty shooting (misconduct and discipline).  
 S27 Hatch davit, crane, and gear complete, cargo.  
 F15-6 Hatches, access.  
 F32-6. Hatches, control.  
 S65-5 Hatches, electric indicator system.  
 S16 Hatches, manholes, scuttles, watertight and non-watertight  
 doors, gratings and ladders.  
 S11-7 Hatches, special partitions, inclosures, and trunks, hull,  
 structural.  
 S72-1 Hatches, turret.

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F35-1 Hatches, ventilating.  
 DD231 **HATFIELD.**  
 L21-6 Hauling and drayage (shipments).  
 S7 Hauling out of dock.  
 L21-6 Hauling, shipments.  
 S79-4 Haversacks.  
 CB3 **HAWAII.**  
 EG12 Hawaii.  
 EN22-21 Hawaii, T. H., hydrographic office.  
 NG7 Hawaiian naval coastal frontier forces.  
 IX14 **HAWK** (stricken).  
 APV1 **HAWK, KITTY.**  
 S26-4 Hawse pendants, clear, reel.  
 S25 Hawser, towing (wire and manila rope).  
 NT1-13 Hawthorne, Nev., ammunition depot.  
 KP126 Hawthorne, Nev., marine guard.  
 KH11 Hawthorne, Nev., marine post exchange.  
 AP39 **HAYES, PRESIDENT.**  
 YN24 **HAZEL** (ex-Poplar).  
 DD107 **HAZELWOOD** (stricken).  
 DD531 **HAZELWOOD** (new).  
 P13-4 Hazing.  
 S36-1 Head, crew's or seamen's.  
 S26-1 Head, gypsy (windlass gypsies).  
 F13-1 Head rest, fuselage.  
 S65-3 Head sets, voice tube.  
 S51-1 Head, shell and tube sheets, boiler.  
 S79-4 Head nets, landing force.  
 F25-1 Header and expansion tanks, water cooling system.  
 S41 Header, induction, main propelling machinery.  
 KP6 Headquarters, detachment, marine post, Camaguey, Cuba.  
 KP17 Headquarters detachment, marine post, Guam, Marianas  
     Islands.  
 KS4 Headquarters, Marine Corps.  
 S58 Heads, distilling plant, condenser.  
 S75-1 Heads, war torpedo.  
 P6-6 Headstones, regulation.  
 P2-1 Health, bills of.  
 P3-5 Health records.  
 A18-1 Hearings on, bills, legislation.  
 A17-15 Hearsay, competence of evidence, courts martial.  
 N33-16 Hearses.  
 S73-1 Heat cracks, broadside guns.  
 S72-4 Heat cracks, turret gun forgings.  
 L16-7 Heat and light allowance.  
 F7 Heat treatment.  
 F21-1 Heaters and hot spots, hot air, carburetor.  
 F26-3 Heaters, lubricating oil.  
 S36-1 Heaters, water; valves and cocks.  
 AMc6 **HEATH HEN.**  
 F35 Heating apparatus and accessories.  
 S55-3 Heating coils in tanks, fuel-oil.  
 S75-2 Heating jackets, torpedo tubes.  
 N26-3 Heating piping, shore.  
 N23-7 Heating plants, generating.  
 N7-7 Heating plants, structures.  
 YHT Heating scows.  
 S38 Heating and ventilation.

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VA-VZ Heavier-than-air aircraft.  
 AV Heavier-than-air aircraft tenders.  
 S26-4 Heaving lines.  
 CA Heavy cruisers.  
 AR7 **HECTOR.**  
 AM100 **HEED.**  
 YT141 **HEEKON.**  
 S24-7 Heeling indicators.  
 DD532 **HEERMAN.**  
 S29-1 Height, metacentric.  
 P2-5 Height, physical examination.  
 S17-2 Heights, masthead.  
 P7 Heirs.  
 PG9 **HELENA.**  
 CL50 **HELENA** (new).  
 YP2230 **HELENITA** (stricken).  
 A6-3 Heliograph signaling.  
 JC7 Helium  
 N26-4 Helium distribution.  
 F20-2 Helium, inflation.  
 F39-3 Helium, marking for piping.  
 NP13 Helium plant, Forth Worth, Tex.  
 N23-6 Helium plants, compressors, and expanders.  
 N7-6 Helium plants, structures.  
 NZ10 Helium reserves.  
 N30-6 Helium tank cars.  
 N33-21 Helium tank trucks.  
 N11-6 Helix building, radio.  
 DD388 **HELM.**  
 F49-4 Helmets.  
 YP181 **HELORI** (stricken).  
 LA Helpers, civil establishment.  
 N6-24 Hemp storehouses.  
 S18-1 Hemp, wire and manila, rope and rigging.  
 AP1 **HENDERSON.**  
 DD39 **HENLEY** (stricken).  
 DD391 **HENLEY** (new).  
 DD553 **HENLEY, JOHN D.**  
 AE7 **HENRY GIBBINS.**  
 AP30 **HENRY T. ALLEN.**  
 DD278 **HENSHAW** (stricken).  
 AM101 **HERALD.**  
 DD160 **HERBERT.**  
 YT13 **HERCULES** (stricken).  
 AK41 **HERCULES** (new).  
 YX12 **HERMES** (stricken).  
 DD198 **HERNDON** (stricken).  
 DD638 **HERNDON** (new).  
 AMc84 **HEROIC.**  
 P15 Heroic or distinguished acts.  
 AVP2 **HERON** (ex-Am10).  
 YX13 **HERRESHOFF 308** (stricken).  
 YP2840 **HERRESHOFF 323** (stricken).  
 SS233 **HERRING.**  
 EN6-41 Herring-Hall-Marvin Safe Co., Hamilton, Ohio, inspector  
 of ordnance.  
 EN9-104 Herring-Hall-Marvin Safe Co., Hamilton, Ohio, navy  
 cost inspector.  
 EF30 Hesse.

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AP2 **HEYWOOD** (now Doyen).  
 AP12 **HEYWOOD**.  
 EN25-13 Higgins Industries, Inc., New Orleans, La., supervisor of shipbuilding.  
 EN7-25 Higgins Industries, Inc., New Orleans, La., superintending constructor.  
 F41-8 High altitude, bomb sights.  
 S78-1 High-explosive projectiles, ammunition.  
 S81-1 High speed mine sweeping.  
 IX48 **HIGHLAND LIGHT**.  
 QT Highspeed targets.  
 N2 Highways.  
 DD427 **HILARY P. JONES**.  
 NR91 Hilo, Hawaii, radio-traffic station.  
 S17-2 Hinged masts and fittings.  
 NT1-1 Hingham, Mass., ammunition depot.  
 KP20 Hingham, Mass., marine post.  
 P8-2 Historical associations.  
 A12 Historical matters, flags, tablets and paintings.  
 EN3-12 Historical section, Navy.  
 P1-7 History, individual.  
 A12-1 History, ship's machinery, and war.  
 A5-9 Hits (gunnery exercise).  
 DD610 **HOBBY**.  
 EN9-162 Hoboken, N. J., navy cost inspector, Tietjen & Land D. D. Co.  
 DD464 **HOBSON**.  
 P10-1 Hockey.  
 SS258 **HOE**.  
 DD533 **HOEL**.  
 S51-5 Hoes, boiler furnace.  
 LE1-3 Hoffman Island, New York, U. S. Maritime Service training station.  
 NX20 Hog Island, Va., radio direction-finder station.  
 YT146 **HOGA**.  
 DMS6 **HOGAN** (ex-DD178).  
 S29-9 Hogging (ship).  
 S72 Hoist trunks and switches, ammunition, turret guns.  
 S83-1 Hoisting gear, stowage, airplane.  
 F45-4 Hoisting slings, H. A.  
 S24-9 Hoisting winch, periscope.  
 S78-2 Hoists, ammunition handling.  
 S92 Hoists, chain.  
 F48-3 Hoists, engine, propeller, bomb.  
 N31-10 Hoists, pulleys, triplex blocks, etc., shore.  
 S75-3 Hoists, torpedo, air and electric, in torpedo rooms.  
 F33-1 Holders, air message pads and I. C.  
 S88-2 Holders, card, damage control.  
 S37-2 Holders, clinical.  
 S71-8 Holders, telescope.  
 S74-1 Holding-down bolts, antiaircraft guns.  
 S72-3 Holding-down bolts and clips, turrets.  
 S75-2 Holding-down bolts, torpedo.  
 S73-2 Holding-down clips, broadside guns.  
 S11-6 Holds, flats, platforms and decks.  
 L16-4 Holiday pay.  
 P18-2 Holidays, work, overtime and greetings.  
 AS3 **HOLLAND**.  
 YN14 **HOLLY**.

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S75-1 Holmes' lights, torpedo.  
 S79-4 Holsters, pistol.  
 P1-2 Home.  
 HY Home for disabled volunteer soldiers.  
 EA32 Home economics, Bureau of, Department of Agriculture.  
 A4-3 Home port (ships and aircraft).  
 L9-3 Home yards, assignment of.  
 P3-3 Homeopathy.  
 L22-3 Homestead rights.  
 P13-4 Homicide.  
 S13-1 Homogeneous armor.  
 EF34 Honduras.  
 EF13-42 Honduras, British.  
 P20-1 Honest performance.  
 EF13-11 Hong Kong.  
 CL48 **HONOLULU.**  
 NR90 Honolulu, T. H. (Wahiawa, T. H.), radio-traffic station.  
 P15 Honor roll medal.  
 P11-1 Honor rolls, school.  
 P19-1 Honorable discharge blanks.  
 P15 Honorable discharge buttons.  
 A15 Honors.  
 P6-4 Honors, escorts and pallbearers.  
 S18-2 Hoods, canvas.  
 S13-4 Hoods and covers, sight, turret armor.  
 S72-1 Hoods, sight, turret.  
 S38-1 Hoods, ventilator.  
 F15 Hoods, water ballast system, hull.  
 S13-4 Hook, rangefinder.  
 F13 Hooks, arresting gear, body group, landing gear.  
 S11-4 Hooks, breast and stern.  
 S26-5 Hooks, buoy and pelican, mooring.  
 S34-2 Hooks, commissary.  
 S32-9 Hooks, drawers, shelves, and racks, office.  
 S33-6 Hooks, hammock.  
 S37-2 Hooks, irrigator.  
 S73-1 Hoops, broadside gun.  
 S72-4 Hoops, turret gun.  
 EN9-173 Hoovers Owens-Rentschler Co., Hamilton, Ohio, navy  
 cost inspector.  
 DD181 **HOPEWELL** (stricken).  
 DMS13 **HOPKINS** (ex-DD249).  
 YN33 **HOPOCAN.**  
 S54-2 Hoppers, ash.  
 F15-12 Hoppers, sand ballast system.  
 S71-8 Horizometers, fire-control.  
 S24-7 Horizon, artificial.  
 S24-8 Horn, fog (portable and mechanical).  
 AMc13 **HORNBILL.**  
 CV8 **HORNET.**  
 FG8 Hornet air group.  
 F11-2 Horns, control, aileron.  
 F12 Horns, control, elevator and rudder.  
 S76-1 Horns, electrochemical, mine.  
 S48-25 Horns, fog installed.  
 N33-13 Horses.  
 A5-7 Horsepower, fuel consumption, and speed-curves, engine-  
 ing performance.  
 EN9-181 Hosdreg & Co., Huntington, Ind., navy cost inspector.

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N5-67 Hose (air) shops.  
 N27-10 Hose, fire fighting, shore.  
 S93 Hose and fittings, fire.  
 S55-1 Hose, fuel oil.  
 S15 Hose, gasoline.  
 N27-5 Hose-reel houses.  
 S75-1 Hose, torpedo.  
 S38-1 Hose, ventilating.  
 S36-5 Hose, wash deck.  
 AT71 **HOPL.**  
 MY Hospital apprentices.  
 NT4-12 Hospital Cay, Guantanamo Bay, Cuba, naval net depot.  
 N4-9 Hospital Corps school building.  
 NC79 Hospital Corps school, New York, N. Y.  
 N8-13 Hospital laboratories (animal house).  
 LH Hospital service (civilian).  
 AH Hospital ships.  
 N9 Hospital structures.  
 P16-3 Hospitals, admission and discharge from (assignment and detail).  
 P3-1 Hospitals, complaint of treatment.  
 NH Hospitals, naval.  
 NH22 Hospitals other than naval.  
 N4-7 Hostess house (Y. W. C. A. building ).  
 A16-3 Hostilities, suspension of.  
 A14-6 Hostilities, termination of.  
 F38-3 Hot oil dip.  
 F21-1 Hot spots, hot-air heaters, carburetor.  
 N26-3 Hot-water systems.  
 N4-3 Hotel buildings and dormitories.  
 L20-5 Hotel rates.  
 S47 Hotwell pumps.  
 S56-4 Hotwell tanks.  
 EN9-47 Houghton, Wash., navy cost inspector, Lake Washington Ship Yard.  
 EN25-22 Houghton, Wash., supervisor of shipbuilding, Lake Washington Ship Yard.  
 YHB House boats.  
 A18-1 House and Senate bills, resolutions, committee investigations.  
 N3 House, watch.  
 L19 Household effects.  
 N37 Household furniture.  
 N27 Houses, fire engine and hose reel.  
 N7-8 Houses, frequency changer, motor generator, and transformer, structures.  
 N23 Houses, generating plants (not including structures).  
 N4 Houses, personnel structures.  
 P13-6 Houses of prostitution.  
 N10-5 Houses, airplane engine testing structures.  
 N6 Houses, storage structures.  
 N13 Houses, transportation structures.  
 F24-4 Housing and brackets, starter.  
 L24 Housing employees (resources).  
 S42 Housing, frames and casing, reduction gear.  
 F24-6 Housing, starter magneto.  
 S26-5 Housing stoppers.  
 S24-9 Housing and turning gear.  
 S72-4 Housing, turret gun.

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S41 Housings, main propelling machinery.  
 CA30 **HOUSTON.**  
 NL40 Houston, Tex., recruiting station.  
 DMS11 **HOVEY** (ex-DD208).  
 DMS7 **HOWARD** (ex-DD179).  
 EI21 Howard University.  
 S73-1 Howitzer ammunition.  
 S65-4 Howlers.  
 DD592 **HOWORTH.**  
 F21-1 Hub and cam, engine, propeller.  
 S44 Hub, propeller.  
 DD475 **HUDSON.**  
 EN9-116 Hudson Motor Car Co., Centerline, Mich., navy cost  
 inspector.  
 EN9-62 Hudson Motor Car Co., Detroit, Mich., navy cost inspector.  
 LE1-5 Hueneme, Calif., U. S. Maritime Service training station.  
 DD410 **HUGHES.**  
 DD428 **HUGHES, CHARLES F.**  
 AVD6 **HULBERT** (ex-DD342).  
 DD330 **HULL** (stricken).  
 DD350 **HULL** (new).  
 F13-1 Hull, aircraft.  
 S67 Hull casting, rat-tail and tube (radio).  
 EN7-3 Hull changes, board on.  
 S19-1 Hull fittings and machinery, painting, and ordnance outfit.  
 F13-3 Hull keel, landing gear.  
 S65-5 Hull openings, and revolution, indicator system.  
 S12-5 Hull, protectors (zinc and steel).  
 S11 Hull, strength of, structural.  
 F15 Hull structures.  
 AVP21 **HUMBOLDT.**  
 S38-1 Humidifiers.  
 N10-8 Humidifying and air-conditioning plants.  
 AMc26 **HUMMING BIRD.**  
 DD236 **HUMPHREYS.**  
 EF35 Hungary.  
 DD194 **HUNT** (stricken).  
 AK38 **HUNT, IRVIN L.**  
 AP27 **HUNTER, LIGGETT.**  
 NY9-1 Hunters Point, Calif., navy yard.  
 CA5 **HUNTINGTON** (stricken).  
 CL77 **HUNTINGTON** (new).  
 EN9-181 Huntington, Ind., navy cost inspector, Hosdreg & Co., Inc.  
 CA9 **HURON** (stricken).  
 H4-9 Hurricanes.  
 P7 Husbands.  
 DD476 **HUTCHINS.**  
 N10 Huts, aerographic and photographic, aviation structures.  
 N27-6 Hydrants, fire-shore.  
 S87 Hydraulic and brake dynamometers.  
 S76 Hydraulic buffer and control, mines and depth charges.  
 S22 Hydraulic cylinders and rams (for operating rudders).  
 S92 Hydraulic jacks.  
 N26-2 Hydraulic-power systems, shore.  
 S26-1 Hydraulic speed gear, mooring.  
 S72-2 Hydraulic speed gear, turret.  
 S21 Hydraulic speed gears.  
 F46 Hydraulic system.  
 H2-6 Hydraulics of passing vessels.

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JC8 Hydrogen.  
 S65-4 Hydrogen detectors, electric.  
 S87 Hydrogen detectors, nonelectric.  
 N26-4 Hydrogen distribution.  
 F20-1 Hydrogen, inflation.  
 F39-3 Hydrogen, marking for piping.  
 N7-1 Hydrogen plant, structures.  
 N23-1 Hydrogen plants and compressors.  
 S87 Hydrograph.  
 EN22 Hydrographic offices, general.  
 H1-3 Hydrographic publications and charts.  
 LN Hydrographic service (civilian).  
 H Hydrography, meteorology, navigation and astronomy  
 (major grouping).  
 H1 Hydrography, oceanography, and allied topics.  
 S51-3 Hydrokineter, boiler.  
 S87 Hydrometers, alcohol testing and general.  
 S69 Hydrometers.  
 S22 Hydroplane (rudder).  
 P3-3 Hydrotherapy.  
 N9-2 Hydrotherapy building.  
 P2-4 Hygiene.  
 ET13 Hygienic laboratory.  
 S38-1 Hygrodeiks, ventilating.  
 S24-7 Hygrometer.  
 YX14 **HYLAND, JOHN F.**

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JH2 Ice.  
 N38-5 Ice boxes, nonhousehold.  
 N37-5 Ice boxes, household.  
 S34-2 Ice chest and ice cooled refrigerator, commissary, messing.  
 S34-2 Ice-cream freezers.  
 N25-8 Ice-cream plants.  
 P6-3 Ice, disinfection of dead.  
 H4-9 Ice formations.  
 N6-53 Ice house.  
 H3-5 Ice, icebergs, and ice formations, obstructing navigation.  
 S59 Ice machines and plants.  
 JH Ice.  
 N25 Ice, water, plants.  
 H3-5 Icebergs.  
 EF22-1 Iceland.  
 BB42 **IDAHO.**  
 AMc85 **IDEAL.**  
 A13-7 Ideas, new, patents.  
 S28-4 Identification, figures, and letters, ship's name.  
 P1 Identification and genealogy.  
 L20-1 Identification labels and tags (travel).  
 F36-9 Identification or recognition lights.  
 L21-3 Identification of shipments.  
 S70-1 Identification signal, emergency, submarines.  
 S75-1 Igniters, torpedo.  
 S78-1 Ignition bags and charges, ammunition.  
 S77-1 Ignition devices, gas and smoke warfare.  
 N6-63 Ignition ends storehouse.  
 S41 Ignition systems, main propelling machinery.  
 P21-1 Ignition wiring, engine.  
 P13-2 Ill treatment of civilians.

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L6-1 Illegal deliveries and receipts, payments.  
 L11-3 Illegal disposition of material.  
 L16-4 Illegal pay.  
 A16-2 Illegal warfare.  
 P13-5 Illicit traffic.  
 IX15 **ILLINOIS** (ex-BB7; now Prairie State).  
 BB65 **ILLINOIS**  
 EG14 Illinois.  
 P19-1 Illiterates, discharge of.  
 S72-3 Illuminated indicators, shafting and gear, turrets.  
 N26-4 Illuminating-gas distribution.  
 S78-1 Illuminating projectiles, ammunition.  
 S64-6 Illuminating sets.  
 S71-8 Illumination of instruments, corrector, fire control.  
 S72-7 Illumination, sight, turret guns  
 S71-8 Illuminators, telescope.  
 A10-1 Illustrations, publications.  
 L2-1 Illustrations, specification.  
 OF26 Immediate superior in command (afloat).  
 S29-2 Immersion.  
 S75-1 Immersion gear, torpedo.  
 S72-3 Immersion tanks, turret.  
 P1-4 Immigration.  
 EL6 Immigration, Bureau of, Department of Labor.  
 QS10 Immigration ships.  
 P13-7 Immoral practices, intent to assault.  
 S78-1 Impact fuses, water, ammunition.  
 F21-1 Impeller clutch band.  
 NX39 Imperial Beach, Calif., radio direction-finder station.  
 P13-2 Impersonating an officer and imposters.  
 L14-2 Import tariff.  
 S73-1 Impression takers, broadside gun.  
 S72-4 Impression takers, turret gun.  
 A14-3 Impressment, personal rights.  
 P13-9 Imprisonment, punishment.  
 L10-5 Improper supervision of accounts or supervision of accounts.  
 N1-2 Improvements to terrain.  
 F41 Impulse cables and generators, machine gun.  
 S75-2 Impulse charges, cases, and tanks, torpedo tubes.  
 S78-1 Impulse powder, torpedo, ammunition.  
 P16-3 Inactive duty.  
 P20-1 Inaptitude (performance).  
 P19-1 Inaptitude, discharge.  
 A15-2 Inaugurations.  
 YFB280 **INCA**.  
 P13-5 Incendiary.  
 F41-6 Incendiary, bomb.  
 S78-1 Incendiary projectiles and shrapnel, ammunition.  
 N9-7 Incinerator building.  
 S36-4 Incinerators, garbage.  
 S29-3 Inclining experiment.  
 F31-1 Inclinometer.  
 S71-8 Inclinometers, fire control.  
 S11-7 Inclosures, trunks and partitions.  
 L14-1 Income tax.  
 L17 Incomes.  
 P19-1 Incompetence, discharge.  
 L10-4 Incomplete accounting.  
 L8-2 Increase in requisitions.

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S72-9 Increase of elevation, turret guns.  
 P16-1 Increase in force.  
 S37-2 Incubators, bacteriological.  
 L18 Indebtedness, loaning or borrowing money.  
 P13-7 Indecent behavior.  
 A14-7 Indemnities, reparations, international.  
 L13-1 Indemnity bonds.  
 P16-3 Independent duty.  
 A6-6 Index and file system.  
 S75-1 Index mechanism, torpedo.  
 S56-4 Index and perforated plates, feed-water tanks.  
 ES20 Indexes and Archives, Bureau of, State Department.  
 EF13-12 India.  
 EF28-2 India, French.  
 EI3 Indian affairs.  
 EI22 Indian commissioners.  
 NT1-17 Indian Island, Wash., naval magazine.  
 NT4-37 Indian Island, Puget Sound, Wash., naval net depot.  
 QH4 Indian Ocean.  
 BB50 **INDIANA** (stricken).  
 EG15 Indiana.  
 BB58 **INDIANA** (new).  
 CA35 **INDIANAPOLIS**.  
 EN9-60 Indianapolis, Ind., navy cost inspector, Lukas, Harold Corporation.  
 NP28 Indianapolis, Ind., naval ordnance plant.  
 NL24 Indianapolis, Ind., recruiting station.  
 NC74-4 Indianapolis, Ind., U. S. N. R. radio school.  
 KP21 Indianhead, Md., marine post.  
 NP8 Indianhead, Md., naval powder factory.  
 NR25 Indianhead, Md., radio-traffic station.  
 S87 Indicating gauges.  
 S41-5 Indicator drive gear, Diesel engine.  
 S65 Indicators, audible signal systems (interior communication apparatus).  
 F36-12 Indicators, charge and discharge.  
 S87 Indicators, combustible gas, nonelectric and warp.  
 S72-3 Indicators, illuminated, shafting and gear, turret.  
 F31 Indicators, instruments and navigational control.  
 S71 Indicators, main and broadside batteries (fire control).  
 S69 Indicators, polarity.  
 S51-3 Indicators, smoke, boiler.  
 S81-1 Indicators, strain, mine protection.  
 A17-5 Indictments.  
 S62-2 Individual and oil switches (electric power distribution).  
 QM Individuals.  
 L22 Individuals and organizations, donations, rewards, gifts to.  
 P1 Individuals, photographs and history.  
 EF28-3 Indo-China, French.  
 NC98 Indoctrination naval training schools.  
 S41 Induction header, main propelling machinery.  
 P14-6 Induction into service.  
 F21-1 Induction system, engine.  
 L10-3 Industrial accounting.  
 EL11 Industrial housing and transportation, Bureau of, Department of Labor.  
 L24 Industrial inventories for war purposes.  
 ON4 Industrial manager.  
 QM Industries.

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P20-1 Industrious, inefficiency.  
 AMc86 **INDUSTRY.**  
 P13-2 Inefficiency (misconduct and discipline).  
 L10-4 Inefficiency in accounting.  
 P13-2 Inert gases, fire-extinguishing.  
 L8-2 In-excess requisitions (also not in-excess requisitions).  
 EW7 Infantry, chief of.  
 P3-1 Infants' diseases.  
 P2-3 Infected clothing.  
 N9-1 Infirmaries.  
 S30-3 Inflamable articles, miscellaneous, stowage of.  
 F13-6 Inflation equipment, flotation-gear.  
 F20 Inflation gases.  
 A14-4 Influence of nations, international relations.  
 P17-2 Influence to secure promotion.  
 P15 Influence, use of in obtaining commendation.  
 L4-2 Informal bids (purchasing).  
 A8-4 Informants, volunteer, secret service.  
 A8-2 Information, abroad, collection of, intelligence, ships and aircraft.  
 N3-1 Information buildings.  
 EE5 Information, coordinator of.  
 EA4 Information, Director of, Department of Agriculture.  
 S1-7 Information, general booklets and records of electrical appliances.  
 F39-4 Information plates.  
 L8-2 Information regarding requisitions.  
 EN3-13 Information Section, Naval Intelligence.  
 A13-4 Infringements and interferences (patents).  
 EN9-75 Ingalls S. B. Co., Birmingham, Ala., navy cost inspector.  
 EN9-55 Ingalls S. B. Co., Pascagoula, Miss., navy cost inspector.  
 EN25-29 Ingalls S. B. Co., Pascagoula, Miss., supervisor of ship-building.  
 NR70 Inglewood, Calif., radio-traffic station.  
 DM9 **INGRAHAM** (stricken).  
 DD444 **INGRAHAM** (new).  
 AVD9 **INGRAM, OSMOND** (ex-DD255).  
 P13-2 Inhabitants, civilians, ill treatment of, misconduct by.  
 L14-1 Inheritance tax.  
 S41-5 Injection system, Diesel engine.  
 S47 Injectors and jets, pumps.  
 A17-13 Injurious, court-martial.  
 A17-5 Injunctions, law and justice.  
 P4-1 Injured, accidentally and wounded, treatment of.  
 P3-2 Injuries, treatment of.  
 P18-1 Injury, absence on account of.  
 P13-4 Injury, maiming (mayhem) (misconduct and discipline).  
 ON16 Injury, officer ashore.  
 EC20 Inland and coastwise waterways service, War Department.  
 L21-1 Inland traffic.  
 S41 Inlet valves, auxiliary and inlet, main propelling machinery.  
 QX5 Inlets; bayous and coves.  
 S11 Inner bottom, plating and shells.  
 P2-3 Inoculation.  
 A17-27 Inquests.  
 P14 Inquiries, regarding enlistment and vacancies.  
 P3-1 Insanity and insane.  
 A17-14 Insanity, pleas of, trial procedure, courts-martial.  
 S38-1 Insect screens.

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QI Insects.  
 P2 Insects, prevention, restriction, and transmission.  
 NN4 Inshore patrol.  
 S19-1 Inside structural painting.  
 F39-1 Insignia.  
 F38-2 Insignia colors, paint.  
 F1-3 Insignia specifications.  
 JJ55-3 Insignia on uniforms.  
 L10-5 Inspection, accounts.  
 N3-4 Inspection building.  
 EN3-6 Inspection division, Navy.  
 F12 Inspection doors and windows, tail group.  
 P16-3 Inspection duty.  
 F3-1 Inspection, material.  
 ON10 Inspection office, ashore.  
 F2-1 Inspection offices, cost of.  
 F11 Inspection plates, doors, windows, wing group.  
 P2-4 Inspection, sanitary.  
 LR Inspection service (civilian).  
 EN3-6 Inspection and Survey, Board of, Navy.  
 S3-1 Inspection and survey, board reports, and planning.  
 RS-2 Inspection and Survey Board, trials by.  
 LF Inspection and tests.  
 S7 Inspection, underwater bottoms.  
 A5-9 Inspections, gunnery preparedness, drills.  
 EN9-20 Inspector of clothing.  
 EW10 Inspector General, Army.  
 EN8-26 Inspector general of machinery.  
 EN6-1 Inspector of ordnance, general.  
 EN9-21 Inspector of provisions.  
 EN3 Inspectors of engineering material and machinery.  
 EN11-1 Inspectors of naval aircraft.  
 EN24 Inspectors of naval material.  
 EN1 Inspectors of naval petroleum reserves.  
 EN4-1 Inspectors of navigation material.  
 EN6-1 Inspectors of Ordnance.  
 EP5 Inspectors, post-office.  
 NL Inspectors of recruiting.  
 NC85 Inspector's school, Naval Gun Factory, Washington, D. C.  
 S48-23 Inspirator, piping.  
 L10-3 Installation charges (accounting).  
 F41-6 Instantaneous fuses, bcmb.  
 P8-2 Institutions and associations, charitable (social relations).  
 P11-1 Instruction (educational system).  
 S86 Instruction and practice apparatus.  
 F44-2 Instructional films, photography.  
 L4-2 Instructions, bidders.  
 A6 Instructions, communication.  
 F1-5 Instructions, erection, design.  
 A8-1 Instructions, intelligence reports.  
 P12-2 Instructions, religious.  
 A5-9 Instructions, sealed, etc., gunnery exercises.  
 A2-12 Instructions, secret and special.  
 L21-3 Instructions to shippers.  
 A16-3 Instructions, tactical, warfare operations.  
 P16-3 Instructors, detail as.  
 P16-5 Instructors, detail of enlisted men as.  
 P11-1 Instructors, educational.  
 S32-9 Instrument, athletic gear, clothes, and key lockers.

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F34-6 Instrument board.  
 F36 Instrument board lights, interior electric.  
 S91-1 Instrument repair shop.  
 S88-2 Instruments, damage-control.  
 S37-2 Instruments, dental and surgical.  
 N36-13 Instruments, drafting, shore.  
 S24-7 Instruments, drawing and surveying.  
 S69 Instruments, electrical and switchboard.  
 F31-3 Instruments and equipment, navigational.  
 S71 Instruments, fire-control, and torpedo-control.  
 H4-4 Instruments, meteorological and aerological.  
 P10-4 Instruments, musical.  
 N6-7 Instruments, nautical, storehouse.  
 S24 Instruments and outfits, navigational.  
 F49-7 Instruments, portable.  
 N36-12 Instruments and supplies, drafting-room.  
 S71 Instruments, torpedo battery control.  
 P13-2 Insubordinations against superior.  
 EI33 Insular Affairs, Bureau of, Department of the Interior.  
 MI Insular force.  
 EG61 Insular possessions (United States).  
 F36-2 Insulating material.  
 S62-2 Insulating material, electric distribution.  
 S71-8 Insulating material, optical instruments, fire control.  
 S39 Insulation and lagging.  
 S41-4 Insulators, electric drive.  
 S62-2 Insulators and hangars, electric power distribution.  
 S18-1 Insulators, rigging.  
 S76-1 Insulators, strain, Mark IX mines.  
 L13 Insurance and bonding.  
 A6-4 Insuring mail.  
 P9-2 Insurrections.  
 F21-1 Intake pipes, manifold, induction system.  
 F24-7 Intake tube, cartridge starters.  
 S41-5 Intakes, air-compressor, Diesel.  
 F13 Integral tail and wing stubs and flotation gear.  
 S29 Integrity, weight and stability (seaworthiness).  
 EN3-10 Intelligence, Office of Naval.  
 ON22 Intelligence office, administrative officers, ashore.  
 A8 Intelligence, ships and aircraft.  
 N9-2 Intensive treatment building.  
 F11-2 Interaileron connections.  
 HP Inter-American High Commission, United States section.  
 A3-2 Interbureau orders (organization and management).  
 S49-3 Intercoolers and cooling coils, air compressor.  
 A14-1 Intercourse, commercial.  
 ET6-5 Interdepartmental Board of Contracts and Adjustments,  
     Budget Bureau.  
 GB Interdepartmental Social Hygiene Board.  
 L12-1 Interest, bank and investment.  
 A6-2 Interference, radio (wave lengths).  
 A13-4 Interferences and infringements, patents.  
 P13-2 Interfering with a sentinel or a noncommissioned officer  
     of a guard.  
 S39-1 Interior or ceiling sheathing.  
 F33 Interior communication.  
 S65 Interior communication.  
 S62-1 Interior communication (switchboard).  
 EI Interior Department.

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F38-2 Interior finish.  
 F36-8 Interior lights.  
 S83-1 Interior traveling crane, other airplane handling fittings.  
 P17-1 Intermediate rank.  
 P6-4 Interments.  
 S41-3 Internal-combustion engines, motorboat.  
 F21 Internal-combustion turbines and engines.  
 S28-6 Internal-draft gages.  
 S51-3 Internal and external fittings, boiler.  
 F21-1 Internal oil piping and connections, oil-pump system.  
 ET7 Internal Revenue Commissioner.  
 L14-1 Internal-revenue tax.  
 A14 International agreements, awards, protocols, property rights (foreign affairs).  
 HM International Boundary Commission, United States and Canada.  
 HN International Boundary Commission, United States and Mexico.  
 A10-3 International exchanges, publications.  
 EB4 International Exchanges, Smithsonian.  
 H2-17 International ice patrol.  
 HL International Joint Commission.  
 A17-1 International law, common, constitutional; statutes.  
 A2-13 International rules and laws.  
 GC International Sanitary Bureau.  
 A6-3 International signal code.  
 A14 Internment of property, ships, machinery, etc., involved in war.  
 A2 Interpretations of opinions, criticism, and precedents (executive action).  
 A17-11 Interpreter, court martial proceedings.  
 N28-8 Interruption cables, shore.  
 GG Interstate Commerce Commission.  
 P13-7 Interstate commerce, offenses against.  
 A14-4 Intervention, international relations.  
 A7-1 Interviews, publicity.  
 P2-2 Intestinal transmission.  
 A3-2 Intrabureau orders (organization and management).  
 CV11 **INTREPID.**  
 FG11 Intrepid air group.  
 P1-7 Introductions, letters of.  
 A16-3 Invasion; surrender; warfare.  
 L11-3 Inventions causing losses.  
 EN1-9 Inventions Divisions, Navy Department.  
 A13 Inventions.  
 L11-2 Inventories, custody.  
 L24 Inventories, industrial, for war purposes.  
 L19 Inventory and disposition of personal effects.  
 L10-3 Inventory, plant, industrial accounting.  
 EJ3 Investigation, Bureau of.  
 A17 Investigations, boards of.  
 A18-3 Investigations, congressional.  
 A11 Investigations and researches.  
 L12 Investments and deposits.  
 P8-3 Invitations, social.  
 L11-2 Invoices, custody.  
 H4-5 Invoices, requisitions for aerological instruments.  
 YT107 **IONA.**  
 NT1-2 Iona Island, N. Y., ammunition depot.

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KP22 Iona Island, N. Y., marine post.  
 BB53 IOWA (stricken).  
 BB61 IOWA (new).  
 EG16 Iowa.  
 EF55 Iran.  
 EF43 Iraq.  
 EF13-1 Ireland.  
 JJ46-1 Iron.  
 JS1 Iron scrap.  
 S35 Ironers and ironing table.  
 S79-4 Irons, climbing.  
 S12-2 Irons and guard rail.  
 S33-6 Irons, hand and leg.  
 P13-10 Irons, prisoners.  
 S92 Irons, soldering.  
 AT46 IROQUOIS (stricken).  
 P14-2 Irregular appointments.  
 A6-5 Irregularities, correspondence.  
 L10-4 Irregularities and discrepancies in accounting.  
 L16-4 Irregularities, pay.  
 A6-4 Irregularity in mail.  
 S37-2 Irrigator hook (medical).  
 AK38 IRVIN L. HUNT.  
 EN9-64 Irving, Pa., navy cost inspector, National Forge & Ordnance Co.  
 AP36 IRWIN.  
 PY10 ISABEL.  
 DD284 ISHERWOOD (stricken).  
 DD520 ISHERWOOD (new).  
 H1-7 Islands, location of.  
 EF13-2 Isle of Man.  
 S37-1 Isolation ward.  
 N9-1 Isolation wards and cubicles.  
 DM3 ISRAEL (stricken).  
 A13 Issue of patents, Government and non-Government personnel.  
 S34-1 Issue room, general mess.  
 A17-15 Issues, burden of proof, degree of proof, evidence, courts martial.  
 L8-2 Issues, requisitions.  
 N4-6 Issuing buildings, small stores.  
 S91-1 Issuing room, tools.  
 S30-1 Issuing-rooms, ships' store, storeroom, and store.  
 EF36 Italy.  
 A4-3 Itineraries, ship and aircraft.  
 AT37 IUKA.  
 EF28-12 Ivory coast.  
 YT2 IWANA.  
 DD589 IZARD.

## J

AP34 J. FRANKLIN BELL.  
 DD156 J. FRED TALBOT.  
 YT137 J. M. WOODWORTH (stricken).  
 AMc47 JACAMAR.  
 SS259 JACK.  
 S12-5 Jack rods and jack-rod eyes (other than awning).  
 S73-1 Jackets, broadside guns.  
 S72-4 Jackets, turret guns.

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JK

S92 Jacks, hand, hydraulic and screw.  
 AP37 **JACKSON, PRESIDENT.**  
 NC81 Jacksonville, Fla., aviation trade school.  
 NA29-1 Jacksonville, Fla., "Cecil Field," naval auxiliary base field.  
 KP139 Jacksonville, Fla., marine barracks.  
 NA29 Jacksonville, Fla., naval air station.  
 NH30 Jacksonville, Fla., naval hospital.  
 NC75 Jacksonville, Fla., radio trade school.  
 NL14 Jacksonville, Fla., recruiting station.  
 NB47 Jacksonville, Fla., section base.  
 EN25-38 Jacksonville, Fla., supervisor of shipbuilding, Gibbs Gas  
 Engine Co. branch of Savannah Machine & Foundry Co.,  
 Savannah, Ga.  
 KP136 Jacksonville, N. C. (New River), marine detachment,  
 marine training center.  
 DD130 **JACOB JONES.**  
 S16-4 Jacob's ladders.  
 PY17 **JADE.**  
 EF13-44 Jamaica.  
 NH38 Jamaica, naval dispensary.  
 DD238 **JAMES K. PAULDING** (stricken).  
 DD245 **JAMES, REUBEN.**  
 YT45 **JAMES WOOLEY.**  
 PG55 **JAMESTOWN.**  
 A9-15 Jane's fighting ships.  
 EF37 Japan.  
 DD38 **JARVIS** (stricken).  
 DD393 **JARVIS** (new).  
 AR8 **JASON** (new).  
 AC12 **JASON** (ex-AV2) (stricken).  
 PYc13 **JASPER.**  
 F21-1 Jaw, starter, engine.  
 DD621 **JEFFERS.**  
 EN25-35 Jeffersonville, Ind., supervisor of shipbuilding, Jeffersonville  
 Boat & Machine Corporation.  
 DD42 **JENKINS** (stricken).  
 DD447 **JENKINS** (new).  
 EN9-169 Jenkins Bros., Bridgeport, Conn., navy cost inspector.  
 EN6-33 Jersey City, N. J., inspector of ordnance.  
 F13-4 Jet propulsion.  
 S47 Jets and injectors.  
 S17-2 Jib booms.  
 N31-3 Jib cranes.  
 S91-2 Jib cranes and trolley tracks for handling material in  
 workshops.  
 F5-1 Jigs.  
 S5 Jigs and dies.  
 L10-3 Job order system.  
 DD216 **JOHN D. EDWARDS.**  
 DD228 **JOHN D. FORD.**  
 DD553 **JOHN D. HENLEY.**  
 DD299 **JOHN FRANCIS BURNES** (stricken).  
 YX14 **JOHN F. HYLAN.**  
 AK32 **JOHN R. R. HANNAY.**  
 DD574 **JOHN RODGERS.**  
 NU3 Johnson, radar station.  
 DD557 **JOHNSTON.**  
 NA40 Johnston Island, naval air base.  
 S16-3 Joiner doors.

S33-1 Joiner plans, living and berthing.  
 N5-45 Joiner shop.  
 S19-1 Joiner work, painting.  
 EY Joint Army and Navy Board.  
 P17-1 Joint command of combined forces.  
 GJ4 Joint committee, Senate and House.  
 EN3-6 Joint Merchant Vessel Board.  
 S44 Joint, rings and gland, propellers.  
 A17-2 Joint Senate and House resolutions.  
 L16-3 Joint service pay bill act, June 10, 1922.  
 S48-23 Joints, expansion and slip, piping.  
 S75-1 Joints, joint rings, and screws, torpedoes.  
 S43-1 Joints, universal, shafting.  
 DD427 **JONES, HILARY P.**  
 DD130 **JONES, JACOB.**  
 DD230 **JONES, PAUL.**  
 DD308 **JONES, WILLIAM** (stricken).  
 AT26 **JOSEPH T. DICKMAN.**  
 EN9-76 Joshua Hendy Co., Sunnyvale, Calif., navy cost inspector.  
 EN6-45 Joshua Hendy Iron Works, Sunnyvale, Calif., inspector of  
 ordnance.  
 DD41 **JOUETT** (stricken).  
 DD396 **JOUETT** (new).  
 P13-5 Joy-riding, unauthorized (misconduct and discipline).  
 EN9-156 Joyce Machine Co., Philadelphia, Pa., navy cost inspector.  
 EW11 Judge Advocate General, Army.  
 EN12 Judge Advocate General of the Navy.  
 A17-11 Judge Advocate Recorder.  
 A17-5 Judgments, law and justice.  
 A17-4 Judicial powers, functions, civil courts.  
 A17-4 Judiciary powers, law and justice.  
 P10-1 Jujitsu.  
 S73-1 Jump of guns, broadside.  
 S72-4 Jump of guns, turret.  
 YT176 **JUNALUSKA.**  
 P36-2 Junction boxes.  
 S62-2 Junction boxes, electric distribution.  
 CL52 **JUNEAU.**  
 NR81 Juneau, Alaska, radio-traffic station.  
 NB77 Juneau, Alaska, section base.  
 JE4 Junior officer's mess.  
 YN15 **JUNIPER** (now Elder).  
 AK43 **JUPITER.**  
 NX28 Jupiter, Fla., radio direction-finder station.  
 NR43 Jupiter Inlet, radio-traffic station.  
 A17 Jurisdiction, particular courts and boards, law and justice.  
 P18-1 Jury duty.  
 A17-5 Jury, law and justice.  
 EJ Justice Department.  
 A17 Justice, law.  
 GZ Justices of peace.  
 GX4 Juvenile courts.

## K

SS32 **K-1** (stricken).  
 SS33 **K-2** (stricken).  
 SS34 **K-3** (stricken).  
 SS35 **K-4** (stricken).  
 SS36 **K-5** (stricken).  
 SS37 **K-6** (stricken).

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SS38 K-7 (stricken).  
 SS39 K-8 (stricken).  
 DD170 KALK (stricken).  
 DD611 KALK (new).  
 AT23 KALMIA.  
 AO1 KANAWHA.  
 DD235 KANE.  
 NA37 Kaneohe Bay, T. H., naval air base.  
 BB21 KANSAS (stricken).  
 EG17 Kansas.  
 NA25 Kansas City, Mo., naval reserve aviation base.  
 NL29 Kansas City, Mo., recruiting station.  
 N6-43 Kapok storehouse.  
 AO27 KASKASKIA.  
 YN48 KATLIAN.  
 AG33 KAULA.  
 AO15 KAWEAH.  
 EN9-155 Kaydon Engineering Corp., Muskegon, Mich., navy cost in-  
 spector.  
 DD432 KEARNY.  
 EN8-34 Kearny, N. J., inspector of machinery.  
 EN6-30 Kearny, N. J., inspector of ordnance.  
 EN25-12 Kearny, N. J., supervisor of shipbuilding, Federal S. B. &  
 D. D. Co.  
 AB1 KEARSARGE (ex-BB5).  
 CV12 KEARSARGE.  
 FG12 Kearsarge air groups.  
 S11-4 Keel.  
 F13 Keel, hull.  
 F14 Keel, main body and walkway.  
 S68 Keel and skin type oscillators, parts and spares, sound sig-  
 naling under water.  
 EF13-12 Keeling Islands.  
 F13 Keelson, hull.  
 S11-4 Keelsons, center line and side.  
 S71-8 Keepers, range and deflection, fire-control.  
 DD612 KENDRICK.  
 DD306 KENNEDY (stricken).  
 DD138 KENNISON.  
 AP28 KENT.  
 BB66 KENTUCKY.  
 EG18 Kentucky.  
 EF13-18 Kenya Colony and Protectorate.  
 AN5 KEOKUK (ex-Columbia Heights).  
 AT38 KEOSANQUA.  
 JJ7-5 Kerosene.  
 N6-34 Kerosene storehouses.  
 S30-4 Kerosene stowage.  
 YN37 KESHENA.  
 AMc5 KESTREL.  
 NR79 Ketchican, Alaska, radio, traffic station.  
 NB81 Ketchican, Alaska, section base.  
 S35 Kettle or cooker, starch.  
 F34 Kettles, galley.  
 S92 Kettles, glue and pitch.  
 S34-2 Kettles, steam-jacketed.  
 EF37-5 Kewantung.  
 AT24 KEWAYDIN.

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L

F33-1 Klaxons, I. C.  
 NX51 Klipsan Beach, Wash., radio direction-finder station.  
 S75-1 Knife edges, balancing torpedo.  
 S73-2 Knife edges, broadside mounts.  
 S72-5 Knife edges, turret guns.  
 DD633 **KNIGHT.**  
 N4-7 K. of C. Building.  
 S75-1 Knives, war head, torpedo.  
 NR84 Kodiak, Alaska, radio-traffic station.  
 NB57 Kodiak, Alaska, section base.  
 NB65 Kodiak, Alaska, submarine base.  
 NA34 Kodiak Island, Alaska, naval air station.  
 AT31 **KOKA** (stricken).  
 YT151 **KONOKA.**  
 EF37-1 Korea (Japan).  
 NT1-11 Kuahua, T. H., (now Oahu), ammunition depot.  
 NC68 Kuahua, T. H., mine craft, mine school.  
 NA12 Kuahua (Pearl Harbor), T. H., naval air station.  
 NT5-12 Kuahua, T. H., torpedo depot.  
 EF13-12 Kuria Muria Islands (British).  
 EF28-3 Kwang Chau Wan (French).

## L

SS41 L-2 (stricken).  
 SS42 L-3 (stricken).  
 SS44 L-5 (stricken).  
 SS45 L-6 (stricken).  
 SS46 L-7 (stricken).  
 SS48 L-8 (stricken).  
 SS49 L-9 (stricken).  
 SS51 L-11 (stricken).  
 S28-3 Labeling.  
 N19-1 Labeling buildings.  
 F39-4 Labeling, marking.  
 EL Labor, Department of.  
 QS11 Labor Department, ships.  
 P8-1 Labor and labor unions.  
 L10-3 Labor rolls, accounting.  
 S32-9 Labor-saving devices, office.  
 N36-4 Labor-saving devices, shore.  
 L8-3 Labor or services, orders for.  
 EL5 Labor statistics, bureau of, Department of Labor.  
 S37-1 Laboratories, dental and medical.  
 NP Laboratories, naval.  
 S32-6 Laboratories and testing rooms (powder, engineers, aerological, etc.).  
 N8 Laboratory and experimental structures.  
 L5-2 Laboratory tests.  
 LA Laborers, civil establishment.  
 N4-2 Laborers' quarters.  
 EF13-43 Labrador (British).  
 EF13-13 Labuan (British).  
 EF13-12 Laccadive Islands (British).  
 F19 Lacing edges and cords, cover.  
 F15-1 Lacing and fabric, reinforcement of propellers.  
 F38-2 Lacquers.  
 P10-1 Lacrosse.  
 N39-2 Ladders, aerial, landing field.  
 S16-4 Ladders, landing gratings, and hatch gratings.

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F34-6 Ladders and portable platforms.  
 P7 Ladies, maiden, domestic relations.  
 S33-4 Ladies' retiring room.  
 S92 Ladles.  
 DD459 **LAFFEY.**  
 S12-4 Lag screws.  
 S39 Lagging and insulation.  
 OX3 Lagoons and lakes.  
 EN8-39 La Grange, Ill., inspector of machinery, Electro-Motive Corp.  
 NT1-2 Lake Denmark, Dover, N. J., naval ammunition depot.  
 NB84 Lake Montauk Harbor, Long Island, N. Y., section base.  
 EW15 Lake Survey office, War Department.  
 EN9-45 Lake Union D. D. & Mach. Works, Seattle, Wash., navy cost inspector.  
 EN9-47 Lake Washington Ship Yard, Houghton, Wash., navy cost inspector.  
 EN25-22 Lake Washington Ship Yard, Houghton, Wash., supervisor of shipbuilding.  
 NC6 Lakehurst, N. J., aerographers' school.  
 NC54 Lakehurst, N. J., lighter-than-air school.  
 KP149 Lakehurst, N. J., marine barracks.  
 KP124 Lakehurst, N. J., marine post.  
 KH8 Lakehurst, N. J., marine post exchange.  
 NA4 Lakehurst, N. J., naval air station.  
 NC53 Lakehurst, N. J., parachute material school.  
 NX15 Lakehurst, N. J., radio direction-finder station.  
 NR21 Lakehurst, N. J., radio-traffic station.  
 QX3 Lakes and lagoons.  
 DMS2 **LAMBERTON** (ex-DD119; ex-AG21).  
 S30-1 Lamp room.  
 DD328 **LAMSON** (stricken).  
 DD367 **LAMSON** (new).  
 A16-3 Land antiaircraft, warfare.  
 F13-2 Land chassis.  
 N31 Land cranes and derricks.  
 L21-1 Land shipments.  
 L20-5 Land-grant railroad rates.  
 L21-1 Land-grant railroads.  
 A6-1 Land-wire traffic, service, facilities, complaints on.  
 A16-3 Landing of armed forces.  
 N10-2 Landing beaches and runways for airplanes.  
 N39 Landing-field lights and flares and miscellaneous equipment.  
 S79 Landing, field and machine guns, small arms and equipment.  
 KV6 Landing field, St. Thomas, V. I.  
 N1-9 Landing fields.  
 S83-3 Landing gear, airplane.  
 F13 Landing gear, body group.  
 S16-4 Landing gratings, hatch gratings, and ladders.  
 F36-11 Landing lights.  
 N15-5 Landings.  
 N10-1 Landplane hangars.  
 N1 Lands, landscaping.  
 DD399 **LANG.**  
 AV3 **LANGLEY** (ex-CV1).  
 P1-4 Language.  
 P13-7 Language, obscene.  
 P11-5 Languages, foreign.  
 DM6 **LANSDALE** (stricken).

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DD426 **LANSDALE** (new).  
 DD486 **LANSDOWNE**.  
 F44-2 Lantern slides.  
 S85-1 Lantern slides.  
 S64-2 Lanterns, electric, and portable, battle.  
 S73-1 Lanyards, broadside guns.  
 S79-2 Lanyards, field guns.  
 EF28-3 Laos (French).  
 NR67 La Palma, Panama, radio-traffic station.  
 NB20. La Playa, Calif., naval target repair base.  
 SS260 **LAPON**.  
 S74-1 Lapping head, bore, anti-aircraft guns.  
 AVP1 **LAPWING** (ex-AM1).  
 AO16 **LARAMIE**.  
 P13-5 Larceny.  
 YN16 **LARCH**.  
 DD286 **LARDNER** (stricken)  
 DD487 **LARDNER** (new).  
 AM21 **LARK**.  
 S75-2 Lashings, torpedo tubes.  
 AE3 **LASSEN**.  
 S73-1 Latches, broadside guns.  
 S74-1 Latches, salvo, anti-aircraft guns.  
 S72-4 Latches, salvo, breech mechanism, turret guns.  
 S75-2 Latches, tripping, torpedo tubes.  
 F18-6 Latex, rubber.  
 S91-2 Lathes (ship).  
 QG2-5 Latin America or Latin American Countries.  
 ES7 Latin American affairs, division of, State Department.  
 H1-25 Latitude and longitude, hydrographic.  
 S24-7 Latitude and longitude indicator.  
 N4-14 Latrine.  
 F14-2 Lattices, main body.  
 EF38 Latvia.  
 DD263 **LAUB** (stricken).  
 DD613 **LAUB** (new).  
 YFB132 **LAUNCH 132**.  
 YFB1048 **LAUNCH 1048** (stricken).  
 YFB1059 **LAUNCH 1059** (now Spray) (stricken).  
 YFB Launches, ferry.  
 S82-7 Launches, motor sailing, boats.  
 S6 Launching (ship).  
 F15-14 Launching airplanes from lighter-than-air-craft.  
 F41-9 Launching devices and reports, torpedoes.  
 S83-2 Launching devices, runways, gear, airplane.  
 F6 Launching, docking, and mooring.  
 S75-2 Launching gear and tubes, torpedo.  
 S76-1 Launching trucks, mine.  
 N18-2 Launching ways.  
 S35 Laundry and laundry machines.  
 N4-13 Laundry and washing buildings.  
 DD315 **LA VALLETTE** (stricken).  
 DD448 **LA VALLETTE** (new).  
 S36-1 Lavatories.  
 F34-4 Lavatories and accessories, sanitation.  
 S37-2 Lavatories, bathtubs, sinks, medical.  
 N4-14 Lavatory building.  
 P11-1 Law courses.  
 A17 Law and justice.

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- DD558 **LAWS.**  
 A2 Laws, aviation (executive action).  
 ES21 Laws of Congress, editor, State Department.  
 A6-4 Laws and regulations, postal.  
 N34-13 Lawn mowers and mowing machines.  
 N1-2 Lawns, loam, sod, seeding and grass.  
 DD250 **LAWRENCE.**  
 N28-8 Laying and cutting cables, shore.  
 F5-1 Laying down in mold loft.  
 S5 Laying down in mold loft.  
 S76-1 Laying gear, mine.  
 S8-6 Laying up trials.  
 L9-3 Laying up work, alterations (care and preservation)  
 F1-2 Layout and drawings, design.  
 DD118 **LEA.**  
 S92 Lead-burning outfits.  
 S24-7 Lead lines.  
 F38-3 Lead plating  
 S39-1 Lead and zinc sheathing.  
 MY Leader, Navy Band.  
 ML Leader of the band.  
 H2-7 Leader systems, location of.  
 N20-7 Leader systems (piloting cables).  
 F12 Leading edge, tail group.  
 F11 Leading edge, wing group.  
 F32 Leads, control system.  
 F33-1 Leads and fittings, I. C.  
 S24-7 Leads and lead lines.  
 F36-2 Leads, power.  
 S22 Leads, steering.  
 S24-8 Leadsman and sounding platforms.  
 YFB20 **LEAGUE ISLAND.**  
 NY4 League Island, Pa., navy yard.  
 A14-7 League of Nations.  
 S29-8 Leak stoppers.  
 A7-2 Leaks of confidential and secret matters.  
 P9-1 Leanings, political.  
 DD158 **LEARY.**  
 L4-3 Lease and rentals, contracts (purchasing).  
 P18 Leave, attendance and absence.  
 EN9-103 Lebanon, N. J., navy cost inspector, Excel Foundry & Machine Co.  
 N4-8 Lecture hall.  
 P11-3 Lectures, poems, essays, theses (educational system).  
 L10-5 Ledgers, accounting.  
 AP17 **LEE, HARRY.**  
 DD310 **LEE, S. P.** (stricken).  
 EF13-44 Leeward Islands (British).  
 KP152 Leeward Islands, Antigua, marine detachment.  
 S33-6 Leg and hand irons.  
 A17 Legal codes, ethics; instruments; proceedings.  
 P18-2 Legal holidays.  
 P1-2 Legal residence and change of.  
 P16-5 Legation guards.  
 ES18 Legations.  
 A10-1 Legends on publications.  
 P2-3 Leggings, foundry, preventive medicine.  
 A18 Legislation and congressional action.
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L11 Legislative authority for payments, claims of property damage.  
 S17-1 Legs, shear.  
 N31-7 Legs, shear, shore.  
 A16-4 Lend-Lease Program.  
 S85 Lens and lens mountings, photography.  
 S71-8 Lenses, fire control instruments.  
 F44-2 Lenses, photographic.  
 S64-5 Lenses, signal lights.  
 AP25 **LEONARD WOOD.**  
 P2-1 Leprosy.  
 YFB7 **LESLIE** (stricken).  
 P13-9 Letters of admonition, punishment.  
 A2-11 Letters, circulars and multiple.  
 P15 Letters of commendation, congratulations.  
 S28-4 Letters, figures and identification, ship's name.  
 P1 Letters of identification and introduction.  
 A7-1 Letters, news, permission to publish.  
 A6 Letters, ships and aircraft, communications.  
 DD481 **LEUTZE.**  
 N15-14 Levees.  
 F21-3 Levers, altitude adjustment and spark control, engine.  
 S73-2 Levers, broadside mounts.  
 F22-2 Levers, control, transmission.  
 F32-4 Levers or wheel, stabilizer control.  
 P13-7 Lewd or indecent behaviour.  
 S12-4 Lewis, Baxter, deck socket bolts.  
 CV2 **LEXINGTON.**  
 FG2 Lexington air group.  
 L1-1 Liabilities, appropriations.  
 L10-3 Liability accounts, industrial accounting.  
 L13-2 Liability acts and insurance.  
 P16-3 Liaison duty.  
 A3-2 Liaison (management).  
 EN3-8 Liaison section, Navy.  
 AMc87 **LIBERATOR.**  
 EF39 Liberia.  
 AK35 **LIBERTY.**  
 P18 Liberty, attendance and absence.  
 S32-9 Liberty boards.  
 P13-9 Liberty, deprivation of, as punishment.  
 L12-2 Liberty-loan bonds.  
 GJ3-1 Librarian of Congress.  
 P11-2 Libraries.  
 EW14 Library, medical (Army).  
 N4-8 Library, building.  
 GJ3 Library of Congress.  
 EA18 Library, Department of Agriculture.  
 EI15 Library, Department of Interior.  
 P11-2 Library methods, routine and publication (educational system).  
 EN3-12 Library, Navy.  
 A13 License under patents.  
 A2-14 Licenses, permits, and passes, executive action.  
 EF40 Liechtenstein.  
 L15 Liens (mortgages).  
 OA4 Lieutenant colonels, Marine Corps.  
 OL Lieutenants.  
 S74-1 Life of guns, antiaircraft.

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S73-1 Life of guns, broadside.  
 S72-4 Life of guns, turret.  
 L13-2 Life insurance.  
 S18-1 Life nets.  
 S78-1 Life of powder, ammunition.  
 F49-6 Life preservers.  
 S33-6 Life preservers, belt and jacket, including stowage.  
 S12-2 Life rails, rail and awning stanchions.  
 P15 Life saving medals.  
 H2-19 Life saving stations, location of.  
 S82 Lifeboats and rafts, motor and pulling.  
 S65-5 Lifebuoy release, electrical.  
 S12-5 Lifebuoy, stowage.  
 S12-5 Lifting eye, lugs, pads, etc.  
 S17-1 Lifting gear.  
 S47 Lifting gear, pumps.  
 S62-4 Lifting gear, submarine batteries.  
 S41-6 Lifting and handling gear, engine.  
 N31-16 Lifting magnets.  
 S92 Lifting tongs.  
 AP27 **LIGGETT, HUNTER.**  
 S13-1 Light armor.  
 S85 Light boxes for film marking, photography.  
 FF3-2 Light cruiser division, scouting fleet.  
 CL Light cruisers.  
 L16-7 Light and heat allowance.  
 H2-8 Light houses and light vessels (location and character).  
 DM Light mine layers.  
 S12-3 Light openings and airport scoops, excluding light.  
 A5-7 Light spread, engineering performance.  
 AG18 **LIGHT TARGET No. 1** (now Stoddert) (stricken).  
 AG19 **LIGHT TARGET No. 2** (ex-DD136; now DMS3, Boggs).  
 AG20 **LIGHT TARGET No. 3** (now DD137, Kilty).  
 YX Lighter, advance base.  
 ZK--ZZ Lighter-than-air aircraft.  
 AZ Lighter-than-air aircraft, tenders.  
 YE Lighters, ammunition.  
 YA Lighters, ash.  
 YF Lighters, covered.  
 YG Lighters, garbage.  
 YC Lighters, open.  
 QS9 Lighthouse ships.  
 ET19 Lighthouses, bureau of, Department of Treasury.  
 N20-1 Lighthouses and lightvessels (structures).  
 H2-8 Lighthouses, location of.  
 S64 Lighting.  
 N39-1 Lighting, air station.  
 F36 Lighting, electric.  
 N10-9 Lighting, natural, of buildings.  
 S72-7 Lighting, sight, turret guns.  
 N26-5 Lighting, wiring, shore.  
 S18-1 Lightning conductors.  
 N19-11 Lightning protection, buildings.  
 H4-2 Lightning striking ship or compass.  
 N39-1 Lights, air station, landing field.  
 S12-3 Lights, deck and fixed.  
 S79-4 Lights and grenades, rifle discharges for.  
 AL Lightships (Navy).  
 N20-1 Lightvessels and lighthouses.

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- H2-8 Lightvessels, location of.  
 S11-6 Limber holes.  
 S79 Limbers, field and machine gun.  
 P4-3 Limbs, artificial.  
 N6-27 Lime storehouses.  
 L10-3 Limit of cost.  
 A14-7 Limitation of armaments.  
 N3-4 Limitation of boundaries.  
 P13-9 Limitation of punishment.  
 A17-11 Limitations of court functions before members are sworn  
 (courts-martial).  
 QG5 Limits of countries.  
 A5-9 Limits of fire, gunnery exercises.  
 AMc48 **LIMP KIN.**  
 GE Lincoln Memorial Commission.  
 S28-6 Line mark, load.  
 OL Line officers.  
 S72-2 Line rings, turret machinery.  
 S43 Line shafts and bearings.  
 P17-1 Line titles.  
 P17-1 Lineal rank.  
 S33-6 Linen, bedding (except hammocks).  
 F34-1 Linen, living quarters.  
 F43-1 Linen tapes, parachute.  
 S41 Liners, cylinder, engine.  
 S73-1 Liners, gun, elongation and twist of, broadside guns.  
 S72 Liners and liner tracks, turrets.  
 S81-1 Lines and anchors, buoy, mine channel marking.  
 F45-2 Lines, cables and ropes, handling, mooring, hauling.  
 S18-1 Lines, clearing and clothes.  
 S71-8 Lines, cross, telescope.  
 S1-2 Lines of flow.  
 F39-3 Lines, level and load water.  
 S12-2 Lines, life.  
 F5-1 Lines and offsets, dies.  
 S5 Lines and offsets, molds.  
 F32 Lines, preventer, control.  
 S26-4 Lines, ropes, reels, moorings and appliances.  
 L21-2 Lines and routes, proposal for new transportation.  
 S94 Lines, throwing or shot, salvage.  
 S78-1 Line-throwing projectiles, ammunition.  
 NC77 Link training school, Pensacola, Fla.  
 AM76 **LINNET.**  
 S14-3 Linoleum, deck.  
 S19-6 Linseed oil, tallow, proprietary compound.  
 EF30 Lippe (Germany).  
 S87 Liquid meters and measuring devices.  
 S73-2 Liquid recoil, broadside mounts.  
 S72-5 Liquid recoil, turret gun slides.  
 L6-2 Liquidated damages, disbursing.  
 P13-2 Liquor, alcoholic, illegal possession of, selling, smuggling,  
 etc.  
 JJ57 Liquor, whiskey, alcohol, medicinal.  
 S88-4 List and trim control.  
 L7-1 Lists, allowances.  
 L4-1 Lists of bidders and manufacturers.  
 A6 Lists, code, mailing, communications.  
 P17-1 Lists, graduation.  
 L21-4 Lists and reports, cargo (shipments).
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P16 Lists (social), employees, officers of Navy and Marine Corps residing in District of Columbia.  
 N4-9 Listeners' school building.  
 A6-2 Listening-in radio.  
 DD336 **LITCHFIELD.**  
 N36-13 Lithographing and engraving machines and equipment, plates, etc.  
 EF41 Lithuania.  
 A17-5 Litigation, law and justice.  
 APD4 **LITTLE** (ex-DD79).  
 NB34 Little Creek, Va., section base.  
 CL92 **LITTLE ROCK.**  
 NL19 Little Rock, Ark., recruiting station.  
 YT14 **LIVELY** (stricken).  
 DD429 **LIVERMORE.**  
 N33 Livestock and vehicles.  
 S33 Living and berthing equipment.  
 F34-1 Living quarters furnishings.  
 A9-12 Lloyd's register.  
 S29-1 Load condition.  
 S28-6 Load-line marks.  
 S19-1 Load water line, painting outside, except below, docking.  
 F39-3 Load water lines, draft.  
 L9-3 Load, work (care and preservation).  
 S74-4 Loading equipment, antiaircraft guns.  
 S73-4 Loading equipment, broadside guns.  
 S75-3 Loading equipment, torpedoes.  
 S86-3 Loading machines.  
 S72-10 Loading and transfer trays, turret guns.  
 L21-6 Loading and unloading shipments.  
 F32-4 Loads, stabilizer control.  
 P20-1 Loafing.  
 N1-2 Loam, sod, seeding, grass and lawns.  
 P16-3 Loan of employees.  
 L18 Loaning or borrowing money, indebtedness.  
 L11 Loans, transfers, and work.  
 P9-4 Lobbying.  
 NC110 Local defense, naval training schools (officers and enlisted men).  
 L8-2 Local requisitions.  
 L24 Local resources.  
 P13-6 Locality, group or community, moral conditions of.  
 S75-3 Locating devices, torpedo.  
 S19-1 Locker, furniture and joiner work, painting.  
 N4-14 Locker and toilet buildings.  
 S79-4 Lockers, accoutrement, landing force.  
 S78-3 Lockers, ammunition.  
 S67 Lockers, battery (radio).  
 S18-1 Lockers, boatswain's.  
 S26-5 Lockers, chain.  
 S24-8 Lockers, chart.  
 S85 Lockers, chemical and clothes, photography.  
 S86-5 Lockers, cleaning.  
 S34-2 Lockers, commissary equipment.  
 S69 Lockers, electric instruments.  
 S70-2 Lockers, flag.  
 F34 Lockers, furnishings.  
 S73-2 Lockers, gun gear, broadside mounts.  
 S75-3 Lockers, gyro, torpedo.

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- S33-6 Lockers, living and berthing.  
 S37-2 Lockers, medical.  
 F44-2 Lockers, photography.  
 S32-9 Lockers and safes, office equipment.  
 N36-14 Lockers and safes, shore.  
 S91 Lockers, shops.  
 S92 Lockers, tool.  
 S72-3 Locking devices, turret gun.  
 S75-2 Locking gear, torpedo tubes.  
 S12-4 Locks, keys, and tags.  
 S73 Locks and lockers, broadside guns.  
 NB41 Lockwood Basin, Boston, Mass., section base.  
 N30 Locomotives.  
 N31-4 Locomotive cranes.  
 N13-8 Locomotive houses.  
 YN17 **LOCUST.**  
 N5-50 Lofts, flag, rigging and sail.  
 N28-7 Lofts, pigeon, shore.  
 L Logistics (major grouping).  
 A12-1 Logs, deck and engineering (historical).  
 S65-5 Logs (speed indicators), Forbes, Cummings.  
 S24-7 Logs, patent, taffrail and electric.  
 KP146 London, England, American Embassy, marine detachment.  
 DMS12 **LONG** (ex-DD209).  
 S65-5 Long arm indicator system.  
 NA16 Long Beach, Calif., naval reserve aviation base.  
 NH25-1 Long Beach Area and San Pedro, Calif., naval dispensary.  
 NB25 Long Beach, Calif., fleet base.  
 S78-1 Long delay, detonator fuses, ammunition.  
 AVG1 **LONG ISLAND.**  
 FG20 Long Island air group.  
 NC60 Long Island City, N. Y., Ford instrument school.  
 EN11-37 Long Island, N. Y. (College Point), inspector of naval aircraft.  
 EN11-24 Long Island, N. Y., inspector of naval aircraft.  
 EN6-9 Long Island City, N. Y., inspector of ordnance.  
 EN9-96 Long Island City, N. Y., navy cost inspector, Brewster Aeronautical Co.  
 A5-1 Long-range battle practice.  
 F13-1 Longerons.  
 L16-4 Longevity pay.  
 S24-7 Longitude and latitude indicator.  
 H1-25 Longitude, latitude, hydrographic.  
 F13 Longitudinals.  
 S11 Longitudinals.  
 DD559 **LONGSHAW.**  
 AMc10 **LONGSPUR.**  
 S24-2 Lookout stations.  
 N23-8 Loops, circulating (other than piping).  
 P13-5 Loot and looting.  
 AMc49 **LORIKEET.**  
 EN25-27 Lorraine, Ohio, supervisor of shipbuilding, American S. B. Co.  
 ZR3 **LOS ANGELES** (stricken).  
 EN6-44 Los Angeles, Calif., inspector of ordnance, Consolidated Steel Corp. Ltd. of Calif.  
 EN9-109 Los Angeles, Calif., navy cost inspector, Automatic Machine Screw Co.
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EN9-81 Los Angeles, Calif., navy cost inspector, Consolidated Steel Corporation.  
 NL33 Los Angeles, Calif., recruiting station.  
 NC74-5 Los Angeles, Calif., radio and signal school.  
 EN9-33 Los Angeles S. B. & D. D. Co., San Pedro, Calif., navy cost inspector.  
 EN6-42 Los Angeles S. B. & D. D. Co., San Pedro, Calif., inspector of ordnance.  
 EN25-25 Los Angeles S. B. & D. D. Co., San Pedro, Calif., supervisor of shipbuilding.  
 L20-6 Loss of baggage.  
 P1-4 Loss of citizenship.  
 A7-3 Loss of confidential publications.  
 L21-5 Loss and losses (shipment).  
 P17-2 Loss of numbers.  
 P13-9 Loss of numbers and pay, punishment.  
 L16-4 Loss of pay.  
 L19 Loss of property by individuals.  
 A4-1 Loss of status of ships and aircraft, official declaration of.  
 L11 Losses of material by inventions, unknown causes.  
 L6-2 Lost bills.  
 L12-1 Lost checks.  
 A6 Lost mail and records.  
 L19 Lost property.  
 P6-6 Lots, burial.  
 N28-10 Loud speakers, shore.  
 S65-2 Loud-speaking telephone systems.  
 BB19 LOUISIANA (stricken).  
 BB71 LOUISIANA (new).  
 EG19 Louisiana.  
 CA28 LOUISVILLE.  
 NP25 Louisville, Ky., naval ordnance plant.  
 EN9-61 Louisville, Ky., navy cost inspector, Westinghouse E. & M. Co.  
 NL25 Louisville, Ky., recruiting station.  
 S38-1 Louvres, air.  
 F41-8 Low altitude, bomb sights.  
 S65-4 Low-pressure alarm system, circulating water, communication.  
 S81-1 Low-speed mine sweeping.  
 S11-3 Lower skeg.  
 P1-6 Loyalty.  
 AMc88 **LOYALTY.**  
 EF30 Lubeck (Germany).  
 S53 Lubricating apparatus, blowers.  
 S65-4 Lubricating-oil indicators (electric), and low pressure alarm system.  
 S47 Lubricating oil pumps.  
 N6-76 Lubricating-oil storehouse.  
 F26 Lubricating system.  
 S45 Lubrication.  
 S41 Lubrication system, main propelling machinery.  
 S72-5 Lubrication, turret-gun slides.  
 S49-3 Lubricators, air compressors.  
 DM4 **LUCE** (stricken).  
 DD522 **LUCE** (new).  
 S30-1 Lucky bags.  
 EN25-4 Luders Marine Construction Co., Stamford, Conn., supervisor of shipbuilding.

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AK37 **LUDINGTON**  
 DM10 **LUDLOW** (stricken).  
 DD438 **LUDLOW** (new).  
 S72-6 Lugs, deck, turret-gun.  
 S12-5 Lugs, lifting.  
 EN9-60 Lukas, Harold, Corporation, Indianapolis, Ind., navy cost  
 inspector.  
 EN9-74 Lukens Steel Co., Coatesville, Pa., navy cost inspector.  
 N6-6 Lumber storehouse.  
 F38-2 Luminous radium paints.  
 P18-2 Lunch periods.  
 N4-5 Lunchroom.  
 P8-3 Luncheons.  
 N4-7 Lutheran Brotherhood Building.  
 S78-1 Luting, fuse thread ammunition.  
 EF42 Luxemburg.  
 PR7 **LUZON** (ex-PG47).  
 AT56 **LYKENS** (stricken).  
 P13-4 Lynching.  
 EN9-122 Lyon, Inc., Detroit, Mich., navy cost inspector.

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S76-1 M devices, mine.  
 ASR11 **MACAW**.  
 DD331 **MAC DONOUGH** (stricken).  
 DD351 **MAC DONOUGH** (new).  
 S78-1 Machine, crimping, cartridge case, ammunition.  
 S79 Machine field guns.  
 S78-1 Machine gun cartridges, ammunition.  
 S73-1 Machine gun forgings, accidents and error, broadside guns.  
 F41 Machine gun ordnance.  
 N4-9 Machine gun school building.  
 S74-1 Machine guns, anti-aircraft guns.  
 S91-1 Machine shops.  
 N5-18 Machine shops.  
 L10-3 Machine, statistical system, tool rates, industrial account-  
 ing.  
 JJ40 Machine tools, general.  
 F37 Machinery, auxiliary.  
 S23 Machinery, auxiliary.  
 EN8-24 Machinery, changes, board on.  
 S22 Machinery compartments, steering.  
 S72-9 Machinery and elevating gear, turret guns.  
 N36-8 Machinery and equipment, printing and binding, shore.  
 S11-13 Machinery, foundations (engineering).  
 S19-1 Machinery and hull fittings, painting and ordnance outfit.  
 S41 Machinery, main propelling.  
 S26-1 Machinery, mooring, hydraulic speed gear.  
 S40 Machinery plant, general.  
 A12-1 Machinery, ship's history of.  
 S16-4 Machinery spaces, gratings.  
 N6-19 Machinery storehouses.  
 N32-3 Machines, balancing, and plate racks, research testing  
 apparatus, ashore.  
 S79-3 Machines, belt-filling, machine guns.  
 S71-8 Machines, drafting (plotting room).  
 S86-3 Machines, drill and loading.  
 S36-5 Machines, floor-waxing.

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S87           Machines, instruments not covered in other groups.  
 S34-2       Machines, kitchen, cake, milk (messing).  
 S85-1       Machines, motion-picture and title-making, photography.  
 N34-13      Machines, mowing.  
 N36         Machines, office supplies and equipment.  
 S59         Machines, refrigerating.  
 S33-6      Machines, sewing.  
 S91         Machines, ship upkeep shops and equipment.  
 S76-1      Machines, taut wire, mines.  
 S92         Machines, tools and equipment, portable.  
 ME         Machinists' mate.  
 MV         Machinists' mates, aviation.  
 N4-9       Machinists mates' school building.  
 OW         Machinists (warrant).  
 DD175      **MACKENZIE** (stricken).  
 DD614      **MACKENZIE** (new).  
 SS204      **MACKEREL**.  
 AVP13      **MACKINAC**.  
 NR58       Mackinac Island, Mich., radio, traffic station.  
 DD220      **MACLEISH**.  
 DD458      **MACOMB**.  
 S48-23     Macomb strainers, pipe fittings.  
 ZRS5       **MACON** (stricken).  
 EN9-48     Macon, Ga., navy cost inspector, Reynolds Metal Co.  
 NP30       Macon, Ga., naval ordnance plant.  
 EF28-6     Madagascar (French).  
 DD168      **MADDOX** (stricken).  
 DD622      **MADDOX** (new).  
 DD425      **MADISON**.  
 AK48       **MAERSK, RITA**.  
 S48         Magazine flooding system, piping.  
 S64-2      Magazine lighting.  
 S78-3      Magazines, (ammunition).  
 N6-62      Magazines, shell and bomb storage.  
 A10        Magazines, ship and station publications, subscriptions.  
 NT1        Magazines.  
 YFB68      **MAGDELENA**.  
 A12-3      Magna Charta.  
 S22         Magnetic clutch, steering and diving, (submarine).  
 H1-8       Magnetic disturbances.  
 S76-1      Magnetic mines.  
 NE19       Magnetic proving ground, Solomon's Island, Md.  
 S24-7      Magnetic, ship control.  
 H2-21      Magnetic survey ranges.  
 H1         Magnetism and magnetic disturbances, hydrography.  
 S69         Magneto generator testing sets.  
 S41-3      Magneto, motor boat engine.  
 F24-6      Magneto, starter.  
 F21-1      Magnetos, engine.  
 N31-16     Magnets, lifting.  
 S71-8      Magnifying glasses, fire-control.  
 AMc2       **MAGPIE**.  
 DM7        **MAHAN** (stricken).  
 DD364      **MAHAN** (new).  
 YN36       **MAHASKA**.  
 YN18       **MAHOGANY**.  
 AT29       **MAHOPAC**.  
 A6-4       Mail.  
 S32-9      Mail boxes and bags.

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MX Mail clerks, navy.  
 N28-9 Mail collection boxes, shore.  
 EP9 Mail equipment shops, Post Office Department.  
 N36-15 Mail equipment, shore.  
 L21-3 Mailing lists, transportation.  
 P13-4 Maiming.  
 S48-2 Main and auxiliary feed water piping.  
 S71-1 Main battery fire control (turret).  
 F14-2 Main body.  
 FE23 Main body.  
 F19-2 Main body, outer cover.  
 S48 Main drain, piping.  
 S56-4 Main feed and filter tanks, feed-water.  
 S47 Main feed pumps.  
 S65-5 Main generator shaft indicator.  
 F21 Main propelling machinery.  
 S41 Main propelling machinery.  
 S66 Main searchlights.  
 S62-1 Main switchboards.  
 S41-4 Main terminal board, electric drive.  
 BB69 **MAINE.**  
 EG20 Maine.  
 L9-3 Maintenance (care and preservation).  
 N34 Maintenance equipment, building and grounds.  
 F48-3 Maintenance engine platforms.  
 L10-4 Maintenance accounts (accounting).  
 P7 Maintenance, self (domestic relations).  
 N5-71 Maintenance shop.  
 KS4 Major General Commandant, marine corps headquarters.  
 OA Majors, marine corps.  
 P4-1 Major and minor operations.  
 P13-8 Making good time lost by absence.  
 EF13 Malay States (British).  
 EF13-9 Maldivé Islands (British).  
 P13-1 Malicious acts (misconduct and discipline).  
 ASR4 **MALLARD** (ex-AM44).  
 P3-2 Malpractice.  
 EF13 Malta (British).  
 P13-2 Maltreatment of subordinates.  
 S64-5 Man-overboard lights, electric.  
 A3 Management and organization.  
 ON4 Manager, industrial.  
 KV5 Managua, Nicaragua, aviation detachment, marine.  
 KP25 Managua, Nicaragua, marine post.  
 NR68 Managua, Nicaragua, radio-traffic station.  
 NX14 Manasquan, N. J., radio direction-finder station.  
 CL83 **MANCHESTER**  
 EF16 Manchuria.  
 A17-5 Mandamus (law and justice).  
 A14-4 Mandates, international relations.  
 S43-2 Mandrels, bearing.  
 S24-5 Maneuvering room on submarines.  
 A16-3 Maneuvers.  
 YN19 **MANGO**  
 S51-1 Manholes, handholes and plates, boiler.  
 S16 Manholes, scuttles, water-tight, and non-water-tight doors,  
 and hatches.  
 N26-7 Manholes, sewer.  
 L21-4 Manifests (shipment)



A14-4 Manifests, international relations.  
 F21 Manifold, engine.  
 F31-1 Manifold pressure gage.  
 S49-3 Manifolds, air.  
 F18 Manifolds, air scoops, gas.  
 F32-6 Manifolds, control.  
 F26-4 Manifolds, oil piping.  
 S48-24 Manifolds, valve.  
 S18-1 Manilla, hemp, wire, and rope rigging.  
 S26-4 Manilla and wire, mooring and warping lines.  
 YT173 **MANISTEE.**  
 NR54 Manistique, Mich., radio-traffic station.  
 NX32 Manistique, Mich., radio direction-finder station.  
 EN25-20 Manitowoc, Wis., supervisor of shipbuilding, Manitowoc  
 S. B. & D. D. Co., branch at Chicago, Ill., Henry C.  
 Grebe & Co.  
 EN9-39 Manitowoc, Wis., navy cost inspector, Manitowoc S. B.  
 Co.  
 YN40 **MANKATO.**  
 APD1 **MANLEY** (ex-DD74; ex-AG28).  
 P1-4 Manner of naturalization.  
 P20-1 Manner of performance.  
 A15-1 Manning the rail and yards.  
 S87 Manometers.  
 S24-7 Manometers, aneroid.  
 S38-1 Manometers, ventilating.  
 S16-4 Manropes, ladder.  
 DD594 **MANSFIELD.**  
 EN6-21 Mansfield, Ohio, inspector of ordnance.  
 P13-4 Manslaughter.  
 S72-1 Mantlet plates, turret.  
 A2-2 Manuals.  
 L8-3 Manufacture or construction, procurement by.  
 P15 Manufacture of medals.  
 QM Manufacturers.  
 L4-1 Manufacturers, list of (purchasing).  
 L24 Manufacturing establishments, capacity and output.  
 L8-3 Manufacturing orders and requests.  
 YFB16 **MANUWAI.**  
 YN20 **MAPLE** (now Hackberry).  
 S85-2 Mapping photography.  
 F31-3 Maps.  
 HO Maps of the Federal Government, Board of.  
 AMc50 **MARABOUT.**  
 JJ59-5 Marble.  
 CL12 **MARBLEHEAD.**  
 A5-9 Marches, practice.  
 DD321 **MARCUS** (stricklen).  
 NT1-10 Mare Island, Calif., ammunition depot.  
 KP27 Mare Island, Calif., ammunition depot, marine post.  
 KP28 Mare Island, Calif., casual company, marine post.  
 NC15 Mare Island, Calif., fuel-oil school.  
 KP29 Mare Island, Calif., guard company No. 1, marine post.  
 KP30 Mare Island, Calif., guard company No. 2, marine post.  
 KP31 Mare Island, Calif., headquarters detachment, marine post.  
 KP26 Mare Island, Calif., marine post.  
 KH3 Mare Island, Calif., marine post exchange.  
 NT4-6 Mare Island, Calif., medical supply depot.  
 NT7-2 Mare Island, Calif., motion-picture subexchange.

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NH15 Mare Island, Calif., naval hospital.  
 NF4 Mare Island, Calif., naval prison.  
 KP32 Mare Island, Calif., naval prison, marine post.  
 KP33 Mare Island, Calif., naval prison detachment, marine post.  
 NY9 Mare Island, Calif., navy yard.  
 NM19 Mare Island, Calif., navy yard barracks.  
 NC26 Mare Island, Calif., optical school.  
 NX67 Mare Island, Calif., radio direction-finder station.  
 NP71 Mare Island, Calif., radio-traffic station.  
 KP34 Mare Island, Calif., recruit company A, marine post.  
 KP35 Mare Island, Calif., recruit company B, marine post.  
 KP36 Mare Island, Calif., recruit company C, marine post.  
 KP37 Mare Island, Calif., recruit company D, marine post.  
 KP38 Mare Island, Calif., recruit receiving depot, marine post.  
 KP39 Mare Island, Calif., rifle range detachment, marine post.  
 KP40 Mare Island, Calif., sea school detachment, marine post.  
 NT5-8 Mare Island, Calif., and San Francisco, Calif., torpedo depot.  
 YN53 **MARIN** (ex-Sparrow; ex-AMc31; ex-YT172).  
 KV Marine aircraft wings.  
 KV9 Marine detachment, aviation, New River, N. C.  
 KB Marine band, Washington, D. C.  
 ZMQ Marine barrage balloon squadrons.  
 N15-7 Marine basins.  
 KE Marine battalions.  
 KF Marine brigades.  
 KK Marine Corps.  
 A21-2 Marine Corps air service.  
 NT6 Marine Corps depots of supplies.  
 ML Marine Corps enlisted personnel.  
 P16-7 Marine Corps officers residing in District of Columbia, list of (social list).  
 OA Marine Corps officers.  
 KA-KW Marine Corps organizations.  
 KH Marine Corps post exchanges.  
 ML2 Marine Corps, quartermaster sergeant.  
 KW Marine Corps Reserves.  
 KS Marine Corps staff.  
 A2-3 Marine Corps, uniform regulations (executive action).  
 KV Marine defense aircraft groups.  
 KP Marine detachments.  
 KD Marine details on ships.  
 EN7-14 Marine Engineering Corporation, Philadelphia, Pa., superintending constructor.  
 A17 Marine examining, retiring, and selection boards.  
 L13-2 Marine insurance.  
 KP Marine posts and stations.  
 N17 Marine railways.  
 KG Marine regiments.  
 QS7 Maritime Commission vessels.  
 A17-3 Maritime law, admiralty, commercial.  
 LE Maritime Service, United States.  
 NT1-23 Mariveles, P. I., naval ammunition depot.  
 NT4-34 Mariveles, P. I., naval net depot.  
 NB63 Mariveles, P. I., section base.  
 A5-9 Marjorie Sterett battleship fund awards.  
 AD21 **MARKAB** (ex-AK31).  
 S65-5 Marker buoys, submarine.

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S78-1 Marker projectiles, ammunition.  
 P6-6 Markers, grave.  
 L4-2 Market prices, estimates based on prevailing.  
 EA21 Markets and crop estimates, Bureau of, Department of  
     Agriculture.  
 F39-4 Marking.  
 S28-3 Marking.  
 S85 Marking film, light boxes for, photography.  
 L21-3 Marking of shipments.  
 F1-3 Marking specifications and insignia, design.  
 S72-7 Marks, bars, sight, turret guns.  
 N1-1 Marks, bench.  
 S28 Marks, designating.  
 F39 Marks, distinguishing.  
 P19-1 Marks, final for discharge.  
 P20-2 Marks, quarterly.  
 P1-5 Marks, tattoo.  
 S83-2 Marks and types, catapults and gear, airplane.  
 A5-6 Marksmanship, field and boat guns, small arms.  
 SS205 **MARLIN**.  
 P7 Married or single (domestic relations).  
 AC6 **MARS** (stricken).  
 EJ18 Marshals, United States.  
 NR74 Marshfield, Oreg., radio-traffic station.  
 A17-10 Martial law, military government.  
 EF28-21 Martinique.  
 EN6-46 Martins Ferry, Ohio, inspector of ordnance, Blaw-Knox Co.  
 EN9-99 Martins Ferry, Ohio, navy cost inspector, Blaw-Knox Co.  
 BB46 **MARYLAND**.  
 EG21 Maryland.  
 EN9-34 Maryland D. D. Co., Baltimore, Md., navy cost inspector.  
 S77-2 Masks and charges, gas.  
 F49 Masks, equipment.  
 DD191 **MASON** (stricken).  
 BB54 **MASSACHUSETTS** (stricken).  
 BB59 **MASSACHUSETTS** (new).  
 EG22 Massachusetts.  
 NC111-2 Massachusetts Institute of Technology, Cambridge, Mass.,  
     radio engineering naval training school (officers).  
 P3-2 Massage.  
 YT15 **MASSASOIT** (stricken).  
 YT131 **MASSASOIT** (new).  
 F6-4 Mast, mooring.  
 S24-7 Masthead, anemometers.  
 S17-2 Masthead heights.  
 S64-5 Masthead lights, electric.  
 S28-4 Masthead shapes.  
 N10-4 Masts, mooring ashore.  
 S67 Masts, radio.  
 N11-5 Masts, radio, shore.  
 S17 Masts, spars, towers, cranes, and derricks.  
 MS2 Master at Arms, Chief.  
 S24-7 Master, compass, gyro.  
 S14-2 Mastic, deck.  
 AVP22 **MATAGORDA**.  
 A5-6 Matches, rifle.  
 JL Material, A. P. A.  
 L14-2 Material in bond.  
 N19-17 Material, building, general.

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L8-2 Material, covered by requisitions, obtaining of.  
 L2-1 Material description, specifications.  
 L7-2 Material distribution.  
 EN3-3 Material division, Navy.  
 L24 Material handling resources.  
 S91-2 Material handling in workshops, trolley tracks and jib cranes for.  
 L5 Material inspections (includes material not under purchase).  
 F3-1 Material inspection and readiness.  
 S3-1 Material inspections and readiness.  
 S62-2 Material, insulating (electric power distribution).  
 JO Material, N. S. A.  
 F29-3 Material not otherwise classified.  
 F1-3 Material parts.  
 L4 Material purchasing.  
 A5-9 Material reports, gunnery exercises.  
 JN Material, reserve.  
 JP Material, reserve (other than Navy).  
 L11 Material, salvage of; surveys of.  
 N4-9 Material school building.  
 S Material of ships.  
 L21-4 Material shipped, reports of.  
 L2-4 Material standards.  
 F1-3 Material specifications.  
 L10-3 Material system of accounting, industrial.  
 F29 Material, tools and equipment.  
 L9-2 Material, transit, guard service.  
 JM Material, used.  
 JA-JZ Materials.  
 JJ59 Materials, building, shore.  
 N6-77 Materials, equipment, submarine vessel, storehouse for.  
 JR Materials, refuse, general.  
 N4-9 Mates' school buildings, machinists and pharmacists.  
 EN9-164 Mather Spring Co., Toledo, Ohio, navy cost inspector.  
 S33-6 Mats.  
 S27 Mats, cargo.  
 S18-2 Mats, rigging and canvas.  
 S14-3 Matting, deck.  
 AO17 **MATTOLE.**  
 N5-41 Mattress factory.  
 F34-1 Mattresses.  
 S33-6 Mattresses.  
 NA54 Maui, T. H., naval air station.  
 AO2 **MAUMEE.**  
 EF28-16 Mauritania (French).  
 EF13-19 Mauritius (British).  
 DM5 **MAURY** (stricken).  
 DD401 **MAURY** (new).  
 EN9-151 Maxim Silencer Co., Hartford, Conn., navy cost inspector.  
 PY1 **MAYFLOWER** (stricken).  
 P13-4 Mayhew  
 DD422 **MAYO.**  
 EF28-7 Mayotte (French).  
 NB88 Mayport, Fla., section base.  
 DD31 **MAYRANT** (stricken).  
 DD402 **MAYRANT** (new).  
 DD28 **McCALL** (stricken).  
 DD400 **McCALL** (new).  
 DD253 **McCALLA** (stricken).

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DD488 **McCALLA** (new).  
 DD276 **McCRAWLEY** (stricken).  
 AP10 **McCRAWLEY** (new).  
 DD252 **McCOOK** (stricken).  
 DD496 **McCOOK** (ex-Farley).  
 EN11-3 **McCook** Field, Dayton, Ohio, central division, general  
 inspection of naval aircraft.  
 DD534 **McCÖRD**.  
 DD223 **McCORMICK**.  
 DD262 **McDERMUT** (stricken).  
 DD54 **McDOUGAL** (stricken).  
 DD358 **McDOUGAL** (new).  
 AVD14 **McFARLAND** (ex-DD237).  
 APD5 **McKEAN** (ex-DD90).  
 DD87 **McKEE** (stricken).  
 DD575 **McKEE** (new).  
 DD264 **McLANAHAN** (stricken).  
 DD615 **McLANAHAN** (new).  
 DD274 **MEADE** (stricken).  
 DD602 **MEADE** (new).  
 L20-2 Meal tickets.  
 L2-4 Measurement standards.  
 P13-9 Measures, disciplinary.  
 S87 Measuring devices.  
 S71-8 Measuring devices, range-finder.  
 S58-4 Measuring devices and tanks, distilling plant.  
 S55-5 Measuring meters, fuel oil equipment.  
 S34-2 Meat blocks, grinders and cutting tables, messing.  
 N6-56 Meat storage building.  
 S75 Mechanical and electrical gyros, torpedo.  
 S73-1 Mechanical firing attachments, keys, roadside guns.  
 P2-3 Mechanical means, prevention of disease.  
 S24-8 Mechanical fog horn.  
 LC Mechanical service, supervisory.  
 LA Mechanics, civil establishment.  
 N4-9 Mechanics' school buildings.  
 S79-1 Mechanism, breech, field guns.  
 F21-1 Mechanism, gun-control, engine.  
 EF30 Mecklenburg-Schwerin (Germany).  
 EF30 Mecklenburg-Strelitz (Germany).  
 P15 Medals, good conduct (citations).  
 A14-4 Mediation, international relations.  
 P9-2 Medical associations.  
 NH6 Medical Center, Washington, D. C.  
 OM Medical Corps.  
 NT4-8 Medical depot, Oakland, Calif.  
 F34-5 Medical equipment, aircraft.  
 EN16 Medical examiners, board of.  
 A17-29 Medical examining board; proceedings of.  
 A4-4 Medical guards.  
 ON14 Medical officer, ashore.  
 OF16 Medical officer (of ship).  
 EN20 Medical officers, board for examination of.  
 A17-15 Medical officers, court martial.  
 S32-1 Medical officer's office.  
 EW14 Medical school, Army.  
 NC43 Medical school, naval, Washington, D. C.  
 S37 Medical spaces and equipment (ship).  
 N9 Medical structure.

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N6-40 Medical supplies storehouse.  
 P19-1 Medical survey discharge.  
 P3 Medical surveys and treatment.  
 P3 Medicine.  
 P2 Medicine, preventive.  
 EN10 Medicine and Surgery, Bureau of.  
 S31-6 Medicine and surgery spares.  
 F34-5 Medicines, dressings, and cases.  
 S37-2 Medicines and dressings.  
 QH3 Mediterranean Sea.  
 L3 Mediums, advertising.  
 AR1 **MEDUSA.**  
 A17-11 Meeting place; court-martial procedure.  
 F49-7 Megaphones.  
 S24-8 Megaphones.  
 S69 Meggers, electrical testing sets (ship).  
 AK34 **MEIGS.**  
 AD2 **MELVILLE.**  
 NT2-7 Melville, R. I., fuel depot.  
 DD335 **MELVIN** (stricken).  
 A17-15 Member or judge advocate of the court, court-martial.  
 P7 Members of family.  
 P14-2 Members of family, appointment of.  
 GJ8 Members of House.  
 A17-11 Members, qualifications of (courts-martial).  
 GJ7 Members of Senate.  
 P8-2 Membership in associations and organizations.  
 A17-20 Membership changes in, courts martial.  
 A12-2 Mementos.  
 AMc89 **MEMORABLE.**  
 A3-2 Memoranda, office.  
 HV Memorial Bridge Commission.  
 A15-2 Memorial services.  
 P6-5 Memorials.  
 CL13 **MEMPHIS.**  
 P16-4 Men, orders to (assignment and detail).  
 AK39 **MENDOCINO.**  
 YN34 **MENEWA.**  
 AT73 **MENOMINEE.**  
 P11-1 Mental development and progress in schools, examination of.  
 P3-1 Mental diseases.  
 P2-5 Mental and physical condition.  
 A17-15 Mentally deficient, testimony of witnesses; court-martial.  
 YT108 **MERCEDES.**  
 P13-5 Merchandise, commerce, offenses in connection with (of-  
 fenses against property).  
 N6-9 Merchandise pier shed.  
 N15-1 Merchandise piers.  
 OT Merchant Marine Officers.  
 QR2 Merchant marine reserves.  
 QS1 Merchant ships.  
 A14-1 Merchant ships, arming, convoying.  
 EN3-6 Merchant ships board, Navy  
 L21-1 Merchant ships, shipment by.  
 F31-5 Mercurial barometer (aircraft).  
 AK42 **MERCURY.**  
 AH4 **MERCY** (stricken)  
 DD165 **MEREDITH** (stricken).  
 DD434 **MEREDITH** (new).

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P15 Merit, certification of.  
 A5-7 Merit engineering performance.  
 EN9-117 Merritt Chapman & Scott Corp., New York, N. Y., navy  
 cost inspector.  
 DD322 **MERVINE** (stricken).  
 DD489 **MERVINE** (new).  
 MB Mess attendant, enlisted.  
 NC66 Mess attendant school (negro), Norfolk, Va.  
 P2-3 Mess gear, sterilization.  
 S34 Mess, general equipment and rooms.  
 N4-5 Mess halls (building).  
 JE Mess, officers'.  
 S33 Mess rooms.  
 F34-6 Message carrier.  
 F33-1 Message pads and holders, air, I. C.  
 A6 Messages.  
 A6-4 Messenger service.  
 S34 Messing (ship).  
 F34-3 Messing equipment.  
 MB Messman branch, enlisted.  
 S29-1 Metacentric height.  
 YN51 **METACOM**.  
 S92 Metal bins, scrap.  
 S14-5 Metal covering.  
 S24-7 Metal covers and complete binnacles.  
 S11-5 Metal joiner bulkheads.  
 F38 Metal, painting and spraying, finish.  
 N5-5 Metal shops.  
 MV Metal smith, aviation.  
 ME23 Metal smith's chief.  
 N6-38 Metal storehouses.  
 S91-1 Metal, wire and welding shops.  
 S17-2 Metal masts and fittings.  
 S41-2 Metallic packing, main propelling machinery.  
 N8-12 Metallurgical laboratories.  
 JJ46 Metals, by composition.  
 JS Metals, scrap.  
 DD595 **METCALF**.  
 YN41 **METEA**.  
 H4 Meteorology.  
 H4-4 Meteorological instruments.  
 S24-7 Meteorological thermometers.  
 H4-3 Meteorolites, meteoroids, meteors.  
 S87 Meters (ship).  
 S38-1 Meters, air flow, ventilating testing.  
 S69 Meters, electrical.  
 S55-5 Meters, fuel-oil.  
 S15 Meters, gasoline.  
 S48-23 Meters, piping, other than fuel oil and feed water.  
 S58-4 Meters, water-distilling plant.  
 N1-1 Metes and bounds.  
 P1-7 Method, form of keeping personal records.  
 L21-3 Method of making shipments.  
 L10-6 Method, overhead account, cost inspection.  
 F45-3 Method, Rosendahl's, mooring devices.  
 L3 Methods, advertising.  
 P14-2 Methods of appointment.  
 A6-5 Methods, correspondence.  
 L20-1 Methods and instructions of transportation.

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L8-2 Methods, issuing material.  
 P11-2 Methods, library (educational system).  
 L4-3 Methods, purchase of material for special purposes.  
 L10-5 Methods, reports of accounting on.  
 L21-4 Methods of shipment, freight and express, etc.  
 ES4 Mexican affairs, division of, State Department.  
 QW6 Mexican War.  
 EF44 Mexico.  
 DD279 **MEYER** (stricken).  
 CL89 **MIAMI**.  
 NA30 Miami, Fla., naval air station.  
 NA23 Miami, Fla., naval reserve aviation base.  
 NR42 Miami, Fla., radio-traffic station.  
 EN11-35 Miami, Fla., resident inspector of naval aircraft.  
 EN7-19 Miami, Fla., superintending constructor.  
 EN25-14 Miami, Fla., supervisor of shipbuilding, Fogal Boat Works.  
 CMc5 **MIANTONOMAH**.  
 BB27 **MICHIGAN** (stricken).  
 EG23 Michigan.  
 S92 Micrometers.  
 S68 Microphone tanks, parts and spares, (sound-signaling under water).  
 S11-11 Midship sections.  
 P14-4 Midshipman, enlistment and candidates for appointment as, age limits.  
 OL11 Midshipmen.  
 EN9-57 Midvale Steel Works, navy cost inspector, Nicetown, Pa.  
 NA38 Midway Island, naval air base.  
 NB48 Midway Island, submarine base.  
 EG12-1 Midway Islands.  
 NU2 Midway, radar station.  
 YP6 **MILAN** (ex-Skaneateles).  
 L20 Mileage.  
 N28-5 Military-alarm system shore.  
 P14 Military appointment, exemption from, preference for.  
 EW3-2 Military attachés.  
 N12-8 Military control structures, harbor defense.  
 A17-10 Military government, exercise by Navy, martial law.  
 ON1 Military governor.  
 A8-2 Military information, foreign.  
 S3-1 Military inspection.  
 EW3-1 Military intelligence, War Department.  
 P18-1 Military leave.  
 P13-2 Military service, evasion of (offenses against authority).  
 A16-1 Military observations, strength, foreign countries.  
 A2-6 Military post regulations (executive action).  
 L24 Military resources.  
 N12 Military structures.  
 A5-9 Military tournaments.  
 EW20 Militia Bureau, War Department.  
 A2-6 Militia regulations (executive action).  
 S34-2 Milk machine.  
 S39-1 Millboard sheathing.  
 DD535 **MILLER**  
 S91-2 Milling machines.  
 S92 Milling machines, cutters.  
 EN9-159 Millington, Morris County, N. J., navy cost inspector, Asbestos Limited, Inc.  
 CL5 **MILWAUKEE**.

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EN8-21 Milwaukee, Wis., inspector of engineering material.  
 EN9-148 Milwaukee, Wis., navy cost inspector, A. O. Smith Corp.  
 EN9-126 Milwaukee, Wis., navy cost inspector, Falk Corp.  
 EN9-158 Milwaukee, Wis., navy cost inspector, Globe-Union, Inc.  
 EN9-92 Milwaukee, Wis., navy cost inspector, Nordberg Manufacturing Co.  
 NR53 Milwaukee, Wis., radio-traffic station.  
 NL26 Milwaukee, Wis., recruiting station.  
 YN21 **MIMOSA.**  
 PR8 **MINDANAO** (ex-PG48).  
 N5-79 Mine assembling and felling plant.  
 S71-5 Mine battery and depth charge control.  
 EN6-27 Mine building, Washington yard.  
 S65-4 Mine control indicators, electric.  
 S81-5 Mine-cutting devices.  
 NT3 Mine depots, naval.  
 FF6-5 Mine detachment, Asiatic Fleet (obsolete).  
 FB6 Mine divisions (vessels).  
 A5-3 Mine exercises.  
 N8-1 Mine experimental laboratory.  
 S76-1 Mine-firing batteries.  
 FF12 Mine force (obsolete).  
 S86-3 Mine, gun and depth-charge crew-instruction apparatus.  
 CM Mine layers.  
 DM Mine layers, light.  
 S71-5 Mine laying fire control and timing devices.  
 FE17 Mine-laying force.  
 SM Mine-laying submarines.  
 QS4 Mine planters, Army.  
 NC101 Mine recovery school, navy yard, Washington, D. C.  
 FF4-2 Mine Squadron 1, control force (obsolete).  
 FF5-3 Mine Squadron 2, fleet base force (obsolete).  
 DMS Mine sweepers.  
 AM Mine sweepers (auxiliary ships).  
 AMc Mine sweepers (coastal).  
 AMb Mine sweepers (harbor).  
 S81-1 Mine sweeping.  
 FE13 Mine sweeping force.  
 S81 Mine, torpedo, bomb and splinter protection (other than structural).  
 NC76 Mine warfare school, Yorktown, Va.  
 EI32 Mines, Bureau of, Department of the Interior.  
 S76 Mines.  
 S86-3 Mines, dummy (ship).  
 S76-1 Mines, mine handling and mine stowage.  
 N6-61 Mines, storehouse for.  
 H3-6 Mines, surface or subsurface, explosive or nonexplosive, obstructing navigation.  
 FF2-5 Minecraft, battle force (obsolete).  
 FF12-6 Minecraft, battle force, Pacific Fleet.  
 NC68 Minecraft and mine school, Kuahua, T. H.  
 NZ5 Mineral reserves.  
 SS261 **MINGO.**  
 EN9-67 Mingo Junction, Ohio, navy cost inspector, Carnegie Illinois Steel Corporation.  
 A16-3 Mining operations (war).  
 ES18 Ministers.  
 CA36 **MINNEAPOLIS.**

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EN6-34 Minneapolis, Minn., inspector of ordnance, Northern Pump Co.  
 EN24-18 Minneapolis, Minn., inspector of naval material.  
 NA20 Minneapolis, Minn., naval reserve aviation base.  
 EN9-84 Minneapolis, Minn., navy cost inspector, General Mills, Inc.  
 NL30 Minneapolis, Minn., recruiting station.  
 BB22 **MINNESOTA** (stricken).  
 EG24 Minnesota.  
 F32-6 Minor controls.  
 P4-1 Minor and major operations.  
 P14-4 Minors, enlistment of.  
 P19-1 Minority discharge.  
 P14-4 Minority enlistments.  
 A9-9 Minority reports.  
 ET8 Mint, Director of.  
 EF28-22 Miquelon (French).  
 F34-6 Mirrors.  
 S33-6 Mirrors.  
 A13-4 Misappropriation of ideas (patents).  
 AG Miscellaneous auxiliaries.  
 F49 Miscellaneous equipment.  
 N39-2 Miscellaneous equipment, aerial ladders, etc., landing field.  
 S87 Miscellaneous gauges.  
 S12-4 Miscellaneous hardware (parts of hull).  
 QA-QZ Miscellaneous name titles.  
 VM Miscellaneous planes.  
 S92 Miscellaneous portable tools.  
 LF Miscellaneous service.  
 N5-74 Miscellaneous shop.  
 F14-3 Miscellaneous, stern.  
 S30 Miscellaneous stowage and storerooms.  
 P18-1 Misconduct, absence due to.  
 P13 Misconduct and discipline.  
 P13-1 Misdemeanor (misconduct and discipline).  
 A6-4 Misdirected mail.  
 S78-1 Misfires, ammunition.  
 P6-1 Missing in action.  
 L8-2 Missing requisitions.  
 QC Missions.  
 A14-5 Missions, diplomatic, fleet, international.  
 BB41 **MISSISSIPPI**.  
 EG25 Mississippi.  
 EW15 Mississippi River Commission, War Department.  
 CA13 **MISSOULA** (stricken).  
 BB63 **MISSOURI** (new).  
 EG26 Missouri.  
 P13 Mistreatment of prisoners and animals.  
 A17-15 Mitigation, court-martial.  
 P13-10 Mitigation of sentence (prisoners).  
 N34-7 Mixers, concrete.  
 AF12 **MIZAR**.  
 CL63 **MOBILE**.  
 EN9-32 Mobile, Ala., navy cost inspector, Alabama S. B. & D. D. Co.  
 EN9-114 Mobile, Ala., navy cost inspector, Choctaw Boat Works Inc.  
 NR48 Mobile, Ala., radio-traffic station.  
 NB72 Mobile, Ala., section base.  
 NH Mobile base hospitals.

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P16-3 Mobilization duty.  
 A16-3 Mobilization of ships, troops, and aircraft.  
 L21-1 Mobilization of shipping facilities.  
 AVP27 **MOBJACK.**  
 AMc28 **MOCKING BIRD.**  
 F1-5 Mock-up.  
 NP21 Model basin, Carderock, Md.  
 F40-1 Model, designations.  
 N8-5 Model tanks and basins.  
 F1-2 Models.  
 S1-2 Models.  
 S5 Models for laying off plating.  
 L2-3 Models, molds, specifications.  
 N6-12 Models, storehouse for (structures).  
 L9-3 Modernization (alterations, repairs, and overhaul).  
 L4-3 Modifications, contract.  
 L8-2 Modifications of requisition.  
 YT16 **MODOC.**  
 A14-7 Modus vivendi.  
 DD362 **MOFFETT.**  
 AT15 **MOHAVE** (stricken).  
 YT17 **MOHAWK.**  
 N5-17 Mold shops.  
 F5 Molds.  
 S5 Molds.  
 L2-3 Molds, patterns, specifications.  
 ME Molders, enlisted.  
 NA55 Molokai, T. H., naval air station.  
 A5-9 Moments of inertia, projectile.  
 EF45 Monaco.  
 IX17 **MONADNOCK** (ex-BM3) (stricken).  
 CMc4 **MONADNOCK** (new).  
 DD32 **MONAGHAN** (stricken).  
 DD354 **MONAGHAN** (new).  
 EN9-120 Monarch Machine Tool Co., Sidney, Ohio, navy cost  
 inspector.  
 JJ46-10 Monel metal.  
 QF Money.  
 L16-9 Money allowances.  
 L6-2 Money to contractors, advance of.  
 L12-1 Money deposits for future payments (investments and  
 deposits).  
 P13-3 Money or money value, offenses involving.  
 A6-4 Money orders, mail.  
 EP8 Money orders, Post Office Department.  
 L7-1 Money and pay allowances.  
 L6-9 Money, prize.  
 A5 Money prizes, engineering performance, and gunnery.  
 L22-3 Money rewards for beneficial suggestions.  
 EF16 Mongolia.  
 YFB18 **MONHEGAN.**  
 AN1 **MONITOR.**  
 S93 Monitors, fire (ship).  
 S73-1 Monoblock guns, radial expansion process.  
 PR2 **MONOCACY** (ex-PG20) (stricken).  
 S71-8 Monocular finders.  
 N31-11 Monorail hoists.  
 A14-4 Monroe Doctrine.  
 EN24-16 Monroe, Mich., resident inspector of naval material.

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H4-9 Monsoons.  
 DD436 **MONSSEN.**  
 BB51 **MONTANA** (stricken).  
 BB67 **MONTANA** (new).  
 EG27 Montana.  
 AN2 **MONTAUK.**  
 AT39 **MONTCALM.**  
 NB74 Monterey, Calif., section base.  
 YT145 **MONTEZUMA.**  
 DN17 **MONTGOMERY** (ex-DD121).  
 A9-4 Monthly reports.  
 CL57 **MONTPELIER.**  
 N1 Monuments.  
 P6 Monuments, grave and memorial.  
 DD277 **MOODY** (stricken).  
 PYc9 **MOONSTONE.**  
 P6-4 Mooring.  
 S86-1 Mooring boards, instruction.  
 S12-1 Mooring fittings.  
 F45 Mooring gear.  
 F15-7 Mooring and handling foundations.  
 F37-1 Mooring machinery.  
 S26-1 Mooring machinery.  
 N10-4 Mooring masts, ashore.  
 S17-2 Mooring masts and fittings.  
 F45-3 Mooring point.  
 F14-1 Mooring spindle and structures, bow.  
 S12-1 Mooring and towing fittings.  
 S26 Moorings and appliances.  
 N20 Moorings and navigational aid structures.  
 P8-2 Moral associations.  
 P13-6 Moral conditions of a group, community or locality.  
 P21 Morale.  
 N4-7 Morale building.  
 NR35 Morehead City, N. C., radio-traffic station.  
 NB85 Morehead City, N. C., section base.  
 EF46 Morocco.  
 DD271 **MORRIS** (stricken).  
 DD417 **MORRIS** (new).  
 YX8 **MORRIS** (C. T. B. No. 6—stricken).  
 EN9-31 Morris Ship Yard, Oakland, Calif., navy cost inspector.  
 DD560 **MORRISON.**  
 NB54 Morro Bay, Calif., section base.  
 S79-4 Mortar and stokes projectiles.  
 S73-1 Mortars, broadside guns.  
 L15 Mortgages.  
 N9-6 Mortuary.  
 KP131 Moscow, U. S. S. R., ammunition depot, marine post.  
 S33-6 Mosquito net frames, cot.  
 F21-1 Moss, supercharger.  
 P7 Mothers.  
 NT7 Motion-picture exchanges.  
 P16-5 Motion-picture operator, detail as.  
 F44-1 Motion-picture, photography.  
 P10-2 Motion-picture shows and commercial films.  
 N6-74 Motion-picture storehouse.  
 S85-1 Motion pictures.  
 A7-4 Motion pictures and films, permission to make.  
 AM102 **MOTIVE.**

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S78-3 Motometers, powder-test ovens.  
 F24-4 Motor, air-starter.  
 S82 Motorboats.  
 N33-4 Motor cycles.  
 S83 Motor dories, lifeboats and sailing launches.  
 S24-9 Motor, dry-air, periscope.  
 F24-1 Motor, electric starter.  
 N23-7 Motor-generator houses.  
 N7-8 Motor-generator houses, structures.  
 S67 Motor generators, radio.  
 F36-4 Motor generators and similar apparatus.  
 S72-2 Motor generators, turret-turning.  
 ME Motor machinists' mates.  
 F27-4 Motor, power pumps.  
 S41-6 Motor rooms, electric-drive.  
 P3-1 Motor-system diseases.  
 N10-5 Motor-test houses.  
 FB8 Motor torpedo-boat divisions (vessels).  
 FC8 Motor torpedo-boat squadrons (vessels).  
 FF13 Motor torpedo squadrons, Atlantic Fleet. (Obsolete, see  
     FC8.)  
 S25 Motor, towing.  
 F41-2 Motor, trigger, machine-gun.  
 L21-1 Motor truck, shipment by.  
 N33-2 Motor trucks.  
 YMT Motor tugs.  
 S72-2 Motor, turret-turning.  
 EP9 Motor-vehicle service, Post Office Department.  
 S82-9 Motor whaleboats.  
 L20-1 Motors, carriages, cabs, hire of.  
 S72-10 Motors and controls, turrets, ammunition hoists and ele-  
     vating gear.  
 S63 Motors, electric power application.  
 S41 Motors, main propelling-machinery, ventilating apparatus.  
 S36-5 Motors and motor control, cleaning equipment.  
 S26-1 Motors and motor control, mooring machinery.  
 S29-4 Motors and motor control, stabilizers.  
 S22 Motors, rudder-control.  
 S25 Motors and spare parts, towing-engine.  
 S72 Motors, turrets.  
 AP22 **MOUNT VERNON.**  
 S74-2 Mounts, antiaircraft guns.  
 S72-5 Mounts, bars, shoulder, slide-gun turrets.  
 S73-2 Mounts, broadside guns.  
 S79 Mounts and circles, boat and machine guns.  
 F42-1 Mounts, generator radio.  
 N6-64 Mounts, gun, storage sheds.  
 F41 Mounts, ordnance.  
 S71-8 Mounts, range-finder.  
 S77-1 Mounts, wood, gas and smoke warfare.  
 KT3 Mountain division, marine reserve detachment.  
 KR3 Mountain division, marine recruiting corps.  
 H7 Mountain time.  
 F13-1 Mounting, engine, body.  
 F10-2 Mounting, nacelle.  
 S85 Mounting rooms, dark and printing rooms, and equipment,  
     photography.  
 S78-1 Mouth cups, ammunition.  
 A4-3 Movement orders, ship and aircraft.

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P16-3 Movements of personnel.  
 A7-1 Movements of ships, daily bulletin.  
 A16-3 Movements, war.  
 S41-2 Moving parts, steam-engine.  
 A2-14 Moving pictures, permits to take, use of Government personnel.  
 N34-13 Mowing machines and lawn mowers.  
 S51-1 Mud drums, boiler.  
 YMD Mud scows.  
 F21-2 Muffler, exhaust, engine.  
 S41-3 Mufflers, motor-boat engines.  
 DD105 **MUGFORD** (stricken).  
 DD389 **MUGFORD** (new).  
 YN22 **MULBERRY**.  
 N33-14 Mules.  
 DD325 **MULLANY** (stricken).  
 DD528 **MULLANY** (new).  
 S32-9 Multigraphs.  
 A2-11 Multiple letters.  
 S71-1 Multiple-turret indicator.  
 AP20 **MUNARCO**.  
 EN9-175 Muncie, Ind., navy cost inspector, Durham Mfg. Co.  
 EN9-69 Munhall, Pa., Carnegie Illinois Steel Corporation, navy cost inspector.  
 EN7-24 Munhall, Pa., inspector of hull material.  
 EN6-12 Munhall, Pa., inspector of ordnance.  
 GX3 Municipal courts.  
 EM Municipal governments.  
 A17-2 Municipal laws and ordinances.  
 P13-4 Murder.  
 A17-12 Murder, jurisdiction over, court-martial.  
 DD603 **MURPHY**.  
 DM2 **MURRAY** (stricken).  
 DD576 **MURRAY** (new).  
 P3-1 Muscles (motor system) diseases.  
 YT33 **MUSCOTAH** (stricken).  
 N4-8 Museum building.  
 P11-4 Museums, exhibits, exhibitions, expositions, and fairs.  
 S73-1 Mushrooms, breech mechanism, broadside guns.  
 S72-4 Mushrooms, breech mechanism, turret guns.  
 P10-4 Music and concerts; musical instruments.  
 N4-9 Music school building.  
 MY Musicians.  
 SS262 **MUSKALLUNGE**.  
 EN11-13 Muskegon (Detroit), Mich., inspector of naval aircraft.  
 EN9-155 Muskegon, Mich., navy cost inspector, Kaydon Engineering Corp.  
 P19-4 Muster out.  
 P16-2 Muster rolls.  
 P14-4 Mustering in.  
 DD413 **MUSTIN**.  
 P13-2 Mutineers.  
 P13-2 Mutiny; mutinous assembly.  
 S73-1 Muzzles, broadside guns.  
 S72-4 Muzzles, turret guns.

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SS53 N-1 (stricken).  
 SS54 N-2 (stricken).  
 SS55 N-3 (stricken).  
 F10-2 Nacelle.  
 P1-1 Name.  
 F40-1 Name, designations.  
 S28 Name, designations.  
 F39-4 Name plates.  
 QQ Name titles, miscellaneous.  
 P7 Names and addresses of relatives, domestic relations.  
 H1-26 Names, geographic.  
 YN46 **NAMONTACK.**  
 IX18 **NANTUCKET** (ex-PG23) (stricken).  
 AT32 **NAPA.**  
 S34-2 Napkins.  
 P13-2 Narcotics, use of drugs, addicts.  
 YT3 **NARKEETA** (stricken).  
 YT133 **NARKEETA** (new).  
 YFB1163 **NARRAGANSETT.**  
 SS167 **NARWHAL.**  
 CL43 **NASHVILLE.**  
 NL15 Nashville, Tenn., recruiting station.  
 EN25-34 Nashville, Tenn., supervisor of shipbuilding, Nashville  
 Bridge Co.  
 EF13-27 Natal.  
 N4-10 Natatorium.  
 ED National Academy of Sciences.  
 A15-3 National airs.  
 ET5 National Bank Redemption Agency.  
 A16-1 National defense.  
 EE6 National defense, petroleum coordinator for.  
 EZ National Defense, Council of.  
 EE3 National Emergency Council.  
 EN9-64 National Forge & Ordnance Co., Irving, Pa., navy cost  
 inspector.  
 EB2 National Gallery of Art.  
 P18-1 National Guard duty, absence for.  
 QZ National Guards (State).  
 HE National home for disabled volunteer soldiers.  
 NZ9 National, international and State reservation.  
 EB1 National Museum.  
 EI19 National Park Service.  
 ED1 National Research Council.  
 L24 National resources.  
 HD National Screw Thread Commission.  
 EN9-153 National Supply Co., Springfield, Ohio, navy cost inspector.  
 EN9-110 National Supply Plant Corp., Torrance, Calif., navy cost  
 inspector.  
 EJ21 National Training School for Boys.  
 EB5 National Zoological Park.  
 P1-4 Nationality.  
 A14-4 Nations, influence of, international relations.  
 L24 Natural resources.  
 EL8 Naturalization, Bureau of, Department of Labor.  
 P1-4 Naturalization, eligibility for papers, etc.  
 EF13-48 Nauru (British).  
 YT35 **NAUSETT** (stricken).  
 N6-7 Nautical instruments, storehouse for.

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NL Naval recruiting stations.  
 NZ2 Naval reservations (land).  
 QR Naval Reserve.  
 NA15 Naval Reserve air stations.  
 NA15 Naval Reserve aviation bases.  
 QS19 Naval Reserve boats.  
 P15 Naval Reserve buttons.  
 A2-4 Naval Reserve force regulations.  
 NC98 Naval Reserve officers' schools of indoctrination.  
 L16-5 Naval Reserve pay.  
 EN3-16 Naval Reserve policy section.  
 QV6 Naval Reserve radio stations.  
 QR Naval Reserves.  
 EN18 Naval Retiring Board.  
 NC Naval schools.  
 L21 Naval shipping guide and transportation service.  
 NN Naval shore establishments.  
 NF Naval and state prisons.  
 NS Naval stations.  
 L11-3 Naval supply account, disposition of material under.  
 JO Naval supply account, material.  
 L8-2 Naval supply account requisitions.  
 NT4 Naval supply depots and stations.  
 NT5 Naval torpedo depots.  
 NE Naval trial courses.  
 NV Naval veterans' homes.  
 KP44 Naval war college, Newport, R. I., marine post.  
 EG58 Navassa Island.  
 NR14 Navassa Island, radio-traffic station.  
 H1-22 Navigable waters, pollution of.  
 S24 Navigating bridge or platform and sextants.  
 F36-10 Navigating lights.  
 EC12 Navigation, Bureau of, Department of Commerce.  
 EN4 Navigation, Bureau of, Navy.  
 F31-3 Navigation instruments and equipment.  
 H2 Navigation and navigational aids.  
 H3 Navigation, obstructions to.  
 OF15 Navigation officer (of ship).  
 S31-4 Navigation spares.  
 N20 Navigational aids and moorings (structures only).  
 F31 Navigational equipment.  
 S24 Navigational equipment.  
 A14-1 Navigations, diplomatic, commercial, closing of.  
 YT39 **NAVIGATOR.**  
 S32-1 Navigator's office.  
 QN Navy.  
 P17-1 Navy and Army officers, precedence of command.  
 F1-3 Navy and Army standard specifications.  
 QD Navy bands.  
 EN9 Navy cost inspectors.  
 P15 Navy cross.  
 EN Navy Department.  
 QO2-1 Navy Department Building.  
 S7 Navy, docking for (including other than Navy).  
 P16 Navy Directory, and lists of officers.  
 A5 Navy "E", performances.  
 A17 Navy law and justice.  
 A4-1 Navy list, striking off of ships and aircraft.  
 L4-3 Navy orders (purchasing).

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P13-5 Navy personnel, theft by, of United States military property.  
 EN9 Navy purchasing and disbursing offices.  
 A7-1 Navy radio press.  
 NH26 Navy recreation center, Bainbridge Island, Wash.  
 NLO Navy Recruiting Bureau.  
 P17-3 Navy Register.  
 A2 Navy regulations; uniform regulations, Navy and Marine Corps.  
 P8-2 Navy yard associations.  
 EN2-1 Navy yard division, Navy Department.  
 YFB8 **NAVY YARD** (stricken).  
 A3-2 Navy yard orders, organization and management.  
 NY Navy yards.  
 HI Navy yards and naval stations, commission.  
 YN55 **NAWAT**.  
 NB67 Neah Bay, Wash., section base.  
 ES6 Near Eastern affairs, division of, State Department.  
 EG28 Nebraska.  
 AO5 **NECHES**.  
 P13-2 Negligence on duty.  
 A14-5 Negotiations, international.  
 DD623 **NELSON**.  
 AO23 **NEOSHO**.  
 EF47 Nepal.  
 AC8 **NEPTUNE** (stricken).  
 AS16 **NEPTUNE** (new).  
 AC10 **NEREUS** (stricken).  
 AS17 **NEREUS** (new).  
 YN49 **NESWAGE**.  
 S75-1 Net cutters, torpedo.  
 S81-5 Net-cutting devices.  
 AN Net-laying ships.  
 N6-13 Net storehouse.  
 S29-11 Net tonnage.  
 EF48 Netherlands.  
 S81 Nets, booms, and davits, mine, torpedo, bomb, and splinter protection (other than structural).  
 S27 Nets, cargo.  
 N20-12 Nets, chains, buoys, anchors, for submarine defense.  
 S18-1 Nets, life.  
 S79-4 Nets, sleeping and head, landing force.  
 F15 Netting, hull.  
 S12-2 Nettings, life lines.  
 S13-1 Neuman bands, armor.  
 P3-3 Neurology.  
 N9-1 Neuropsychiatric (psychopathic) wards.  
 A14-6 Neutrality.  
 S77-2 Neutralizing agents, gas and smoke warfare.  
 BB36 **NEVADA**.  
 EG29 Nevada.  
 AP16 **NEVILLE**.  
 EF28-23 New Caledonia (French).  
 S3-1 New Commanding Officer or division head, inspection.  
 NX53 New Dungeness, Wash., radio direction-finder station  
 EF13-47 New Guinea (British).  
 BB25 **NEW HAMPSHIRE** (stricken).  
 BB70 **NEW HAMPSHIRE** (new).

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EG30 New Hampshire.  
 CL76 **NEW HAVEN.**  
 NL2 New Haven, Conn., recruiting station.  
 EF28-24 New Hebrides (French).  
 BB62 **NEW JERSEY.**  
 EG31 New Jersey.  
 NC67 New London, Conn., Diesel engine school.  
 LE1-2 New London, Conn., Fort Trumbull, United States maritime service training station.  
 NP24 New London, Conn., Fort Trumbull, underwater sound laboratory.  
 KP41 New London, Conn., marine post.  
 NT3-1 New London, Conn., mine depot.  
 NT4-16 New London, Conn., naval net depot.  
 NB7 New London, Conn., naval submarine base.  
 NR99 New London, Conn., radio-traffic station.  
 NB23 New London, Conn., section base.  
 NC36 New London, Conn., sound school.  
 NC38 New London, Conn., submarine school.  
 NT5-1 New London, Conn., torpedo depot.  
 BB40 **NEW MEXICO.**  
 EG32 New Mexico.  
 CL22 **NEW ORLEANS** (stricken).  
 CA32 **NEW ORLEANS** (new).  
 LE3-2 New Orleans, La., Algiers, United States Maritime Commission cadet school.  
 EN22-10 New Orleans, La., hydrographic office.  
 KP42 New Orleans, La., marine post.  
 KH10 New Orleans, La., marine post exchange.  
 NB17 New Orleans, La., naval operating base.  
 NA57 New Orleans, La., naval reserve aviation base.  
 NS3 New Orleans, La., naval station.  
 EN9-118 New Orleans (Algiers), La., Navy cost inspector, Todd-Johnson D. D. Co.  
 EN9-171 New Orleans, La., navy cost inspector, V. M. Friede, Inc.  
 NR46 New Orleans, La., radio-traffic station.  
 NM20 New Orleans (Algiers), La., navy receiving station.  
 NL20 New Orleans, La., recruiting station.  
 EN28-2 New Orleans, La., special representative of bureau of ships, Gulf area, headquarters.  
 EN7-25 New Orleans, La., superintending constructor, Higgins Industries, Inc.  
 EN25-13 New Orleans, La., supervisor of shipbuilding, Higgins Industries, Inc.  
 KV9 New River, N. C. (Cunningham Field, Cherry Point, N. C.), marine aviation, (Adjunct to marine training center, Jacksonville, N. C.).  
 L6-1 New ships, outfitting period, deliveries.  
 EF13-45 New South Wales.  
 BB34 **NEW YORK.**  
 EG33 New York.  
 EN8-30 New York, central drafting office, inspector of machinery.  
 EN9-15 New York, N. Y., area coordinator, second army corps.  
 KP46 New York, N. Y., barracks detachment.  
 KP47 New York, N. Y., fleet supply base.  
 EN9-25 New York, N. Y., Gibbs and Cox, navy cost inspector.  
 KP48 New York, N. Y., guard detachment.  
 NC42 New York, N. Y., gyrocompass school.  
 NC79 New York, N. Y., hospital corps school.

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EN22-4 New York, N. Y., hydrographic office.  
 EN8-13 New York, N. Y., inspector of engineering material.  
 EN7-22 New York, N. Y., inspector of hull material.  
 EN8-32 New York, N. Y., inspector of machinery, Gibbs and Cox.  
 EN11-15 New York, N. Y., inspector of naval aircraft (Loening).  
 EN24-4 New York, N. Y., inspector of naval material.  
 EN6-6 New York, N. Y., inspector of ordnance.  
 EN6-32 New York, N. Y., inspector of ordnance (Carl Worden).  
 EN6-24 New York, N. Y., inspector of powder.  
 KP45 New York, N. Y., marine post (Brooklyn).  
 NT7-1 New York, N. Y., motion-picture exchange.  
 NC21 New York, N. Y., motion picture operators' school.  
 NA68 New York, N. Y., naval air station.  
 KP49 New York, N. Y. (Brooklyn), naval hospital, marine detachment.  
 NH4 New York, N. Y. (Brooklyn), naval hospital.  
 NT4-19 New York, N. Y., naval net depot.  
 KP50 New York, N. Y., naval prison (marine detachment).  
 NM7 New York, N. Y., naval receiving ship.  
 EN9-137 New York, N. Y., navy cost inspector, Bristol & Martin, Inc.  
 EN9-25 New York, N. Y., navy cost inspector, Gibbs and Cox.  
 EN9-103 New York, N. Y., navy cost inspector, Excel Foundry & Machine Co.  
 EN9-125 New York, N. Y., navy cost inspector, Farrand Optical Co.  
 EN9-117 New York, N. Y., navy cost inspector, Merritt-Chapman & Scott Corp.  
 EN9-2 New York, N. Y., navy purchasing office and disbursing office.  
 NY3 New York, N. Y., navy yard.  
 NR7 New York, N. Y., radio-traffic station.  
 KP51 New York, N. Y., receiving ship (marine detachment).  
 NL10 New York, N. Y., recruiting station.  
 EN1-20 New York, N. Y., special assistant to the secretary of the navy (shipbuilding campaign).  
 EN25-11 New York, N. Y., various S. B. firms, supervisor of shipbuilding.  
 EN9-44 New York, S. B. Corp., Camden, N. J., navy cost inspector.  
 EN25-9 New York, S. B. Corp., Camden, N. J., supervisor of shipbuilding.  
 EF13-48 New Zealand (British).  
 CL100 **NEWARK.**  
 NL9 Newark, N. J., recruiting station.  
 EN9-85 Newark, N. J., navy cost inspector, Quimby Pump Co.  
 DD586 **NEWCOMB.**  
 EF13-43 Newfoundland.  
 IX19 **NEWPORT** (ex-PG12) (stricken).  
 NC10 Newport, R. I., deep-sea diving school.  
 NT4-41 Newport, R. I., fleet supply depot.  
 KP43 Newport, R. I., marine post.  
 KH1 Newport, R. I., marine post exchange.  
 NA2 Newport, R. I., naval air detail.  
 NH3 Newport, R. I., naval hospital.  
 NT1-19 Newport (Rose Island), R. I., naval magazine.  
 NT4-21 Newport (Melville), R. I., naval net depot.  
 NB31 Newport, R. I., naval operating base.  
 NS1 Newport, R. I., naval station.  
 NP1 Newport, R. I., naval torpedo station.  
 NM1 Newport, R. I., naval training station.

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KP44 Newport, R. I., naval war college, marine detachment.  
 NC3 Newport, R. I., naval war college.  
 EN9-23 Newport, R. I., navy purchasing office.  
 EN9-80 Newport, R. I., navy cost inspector, navy purchasing office.  
 NR6 Newport, R. I., radio-traffic station.  
 NB51 Newport, R. I., section base.  
 NC39 Newport, R. I., torpedoman's school.  
 AK3 **NEWPORT NEWS** (stricken).  
 EN8-10 Newport News, Va., inspector of machinery.  
 EN6-18 Newport News, Va., inspector of ordnance.  
 NT4-14 Newport News, Va., naval net depot.  
 EN9-56 Newport News, Va., navy cost inspector, Newport News  
 S. B. & D. D. Co.  
 EN7-10 Newport News, Va., superintending constructor.  
 EN25-10 Newport News, Va., supervisor of shipbuilding, Newport  
 News S. B. & D. D. Co.  
 H4-11 News, aerological.  
 A7-1 News letters, permission to publish.  
 A10-2 Newspapers, subscription.  
 IX33 **NEWTON**.  
 P7 Next of kin.  
 PG52 **NIAGARA** (new).  
 PY9 **NIAGARA** (stricken).  
 DD424 **NIBLACK**.  
 EF49 Nicaragua.  
 QW14 Nicaraguan intervention.  
 EN9-57 Nicetown, Pa., navy cost inspector, Midvale Steel Works.  
 DD311 **NICHOLAS** (stricken).  
 DD449 **NICHOLAS** (new).  
 DD52 **NICHOLSON** (stricken).  
 DD442 **NICHOLSON** (new)  
 F38-3 Nickel finish.  
 JJ46 Nickel and nickel alloys.  
 S19-3 Nickel, silver, copper, tin.  
 EF13-12 Nicobar Islands (India).  
 DD616 **NIELDS**.  
 EF13-28 Nigeria (British).  
 A5-1 Night battle practice.  
 F31-2 Night flying instruments.  
 A6 Night letters; signaling, telegrams.  
 L16-4 Night-shift pay.  
 S70-1 Night signal sets, Very's.  
 AMc18 **NIGHTINGALE**.  
 YFB17 **NIHOA**.  
 EN9-178 Niles, Calif., navy cost inspector, Pacific States Steel Corp.  
 EN9-134 Ninth Naval District, supervisory cost inspector.  
 S70-1 Nitrate, barium, for illuminating projectiles.  
 F38-1 Nitrate, finish.  
 N6-60 Nitrate storehouse.  
 N7-2 Nitric acid plants, structures.  
 N23-2 Nitric acid plants.  
 AE2 **NITRO**.  
 JC9 Nitrogen.  
 S93 Nitrogen, inert gases, fire fighting.  
 N23-3 Nitrogen plants.  
 N7-3 Nitrogen plants, structures.  
 JJ59-9 Nitroglycerine (blasting).  
 DD343 **NOA**.  
 YN54 **NOKA**.

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YT142 **NOKOMIS** (ex-PY6).  
 A17-13 Nolle prosequi.  
 F40-1 Nomenclature.  
 S28-2 Nomenclature.  
 P3-6 Nomenclature of diseases and injuries.  
 P14-2 Nominal reinstatement (appointment).  
 P14-5 Nominations for commissions.  
 S13-1 Noncemented armor.  
 A14-3 Noncombatants, rights of.  
 S87 Nonelectric hydrogen detectors and pyrometers.  
 S64-7 Nonelectric lights.  
 P1-4 Noneligible naturalization.  
 N38 Nonhousehold furniture.  
 L10-4 Nonindustrial, accounting.  
 N11-7 Nonmagnetic building, radio.  
 L16-6 Nonpayment of allotments of pay.  
 N26-6 Non-potable fresh water, distribution, shore.  
 S73-1 Nonrecoil guns, broadside guns.  
 S78-1 Nonricochet, flat-nose projectiles, ammunition.  
 ZN Nonrigid airships.  
 S14-4 Nonslipping and safety treads.  
 P7 Nonsupport (domestic relations).  
 P8-1 Nonunion labor.  
 S11-5 Non-water-tight, bulkheads, structural.  
 S16-3 Non-water-tight doors, hatches, manholes and scuttles.  
 EN9-92 Nordberg Manufacturing Co., Milwaukee, Wis., navy cost inspector.  
 NC9 Norfolk (Hampton Roads), Va., artificers' school.  
 KS10 Norfolk (Hampton Roads), Va., assistant quartermaster, Marine Corps.  
 NC64 Norfolk (Hampton Roads), Va., aviation ordnancemen school.  
 NC50 Norfolk (Hampton Roads), Va., aviation training school.  
 NC9-1 Norfolk (Hampton Roads), Va., blacksmiths' school.  
 NC9-2 Norfolk (Hampton Roads), Va., boilermakers' school.  
 NC48 Norfolk (Hampton Roads), Va., buglers and buglemasters school.  
 NC9-3 Norfolk (Hampton Roads), Va., coppersmiths' school.  
 NC80 Norfolk (Hampton Roads), Va., Diesel school.  
 NC11 Norfolk (Hampton Roads), Va., electrical school.  
 NT2-10 Norfolk (Hampton Roads), Va., fuel depot.  
 NC20 Norfolk (Hampton Roads), Va., machinists' mates' school.  
 NT6-3 Norfolk (Hampton Roads), Va., Marine Corps supply depot.  
 KP19 Norfolk (Hampton Roads), Va., marine post.  
 NC22 Norfolk (Hampton Roads), Va., musicians' school.  
 NC24 Norfolk (Hampton Roads), Va., naval academy preparatory school.  
 NB2 Norfolk (Hampton Roads), Va., naval operating base.  
 NM10 Norfolk (Hampton Roads), Va., naval receiving station.  
 NB8 Norfolk (Hampton Roads), Va., naval submarine base.  
 NT4-3 Norfolk (Hampton Roads, Sewall's Point), Va., naval supply depot.  
 NM2 Norfolk (Hampton Roads), Va., naval training station.  
 NC32 Norfolk (Hampton Roads), Va., radio school.  
 NC46 Norfolk (Hampton Roads), Va., recruiters' school.  
 NC40 Norfolk (Hampton Roads), Va., stenographers' school.  
 NT4-3 Norfolk (Hampton Roads), Va., supply station.  
 NT5-3 Norfolk (Hampton Roads), Va., torpedo depot.

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- EN9-168 Norfolk S. B. & D. D. Company, Norfolk, Va., navy cost inspector.
- KP53 Norfolk, Va., barracks detachment, marine post.
- KP54 Norfolk, Va., guard detachment, marine post.
- EN22-8 Norfolk, Va., hydrographic office.
- KP52 Norfolk, Va., marine post.
- NC66 Norfolk, Va., mess attendants (negro).
- NA8 Norfolk, Va., naval air station.
- NT2-12 Norfolk, Va., naval fuel annex, naval supply depot (Craney Island).
- KP55 Norfolk, Va., naval hospital, marine detachment.
- NH8 Norfolk, Va., naval hospital.
- NX68 Norfolk, Va., naval radio direction-finder station.
- EN9-9 Norfolk, Va., navy cost inspector.
- EN9-168 Norfolk, Va., navy cost inspector, Norfolk S. B. & D. D. Co.
- NY6 Norfolk, Va., navy yard.
- NR33 Norfolk, Va., radio-traffic station.
- KP56 Norfolk, Va., seagoing detachment, marine post.
- P1-6 Normal habits and character.
- NC74-1 Noroton, Conn., radio school.
- QG2-1 North America.
- EF15-8 North Borneo (British).
- BB52 **NORTH CAROLINA** (stricken).
- BB55 **NORTH CAROLINA** (new).
- EG34 North Carolina.
- BB29 **NORTH DAKOTA** (stricken).
- EG35 North Dakota.
- NA11 North Island (San Diego), Calif., naval air station.
- NX25 North Island, S. C., radio direction-finder station.
- NX8 North Truro, Mass., radio-compass station.
- CA26 **NORTHAMPTON.**
- NG1 Northern Atlantic naval coastal frontier forces.
- NG3 Northern Pacific naval coastal frontier forces.
- EN6-34 Northern Pump Company, Minneapolis, Minn., inspector of ordnance.
- EF13-33 Northern Territories.
- EF13-45 Northern territory, Austrilia.
- AV11 **NORTON SOUND.**
- EF50 Norway.
- EN11-36 Norwood, Ohio, resident inspector of naval aircraft.
- F41-6 Nose bombs and fuses.
- S12-1 Nose, bull.
- A17-6 Notaries public, oaths, administration of.
- L14-2 Notary-public fees.
- S87 Notch meter.
- A7-1 Notices, press, publicity, ships and aircraft.
- YT18 **NOTTAWAY.**
- S93 Nozzles, fire hose spanners, and stowage, fire fighting.
- S77-1 Nozzles, gas and smoke warfare.
- S75-1 Nozzles, torpedo.
- P13-2 Nuisance, committing of.
- P14-2 Number of appointments to Naval Academy.
- S28 Number, designating.
- F40-1 Number, designations.
- N19-1 Numbering and labeling buildings and grounds.
- P17-1 Numbers, additional.
- F39-3 Numbers, serial.
- P1-1 Numbers, service and signal.
- S28-4 Numerals, distinguishing ship's name.
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OG Nurse Corps.  
 N1-2 Nurseries (greenhouses).  
 N4-1 Nurses' quarters.  
 P3-2 Nursing.  
 AM60 **NUTHATCH.**  
 YN28 **NUTMEG** (ex-Sycamore).  
 S44 Nuts and bolts, propellers.  
 S43 Nuts and coupling, shafting, and bearing.  
 EF13-20 Nyasaland Protectorate (British).

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SS62 O-1 (stricken).  
 SS63 O-2.  
 SS64 O-3.  
 SS65 O-4.  
 SS66 O-5.  
 SS67 O-6.  
 SS68 O-7.  
 SS69 O-8.  
 SS70 O-9.  
 SS71 O-10.  
 SS72 O-11 (stricken).  
 SS73 O-12 (stricken).  
 SS74 O-13 (stricken).  
 SS75 O-14 (stricken).  
 SS76 O-15 (stricken).  
 SS77 O-16 (stricken).  
 PR6 **OAHU** (ex-PG46).  
 KP127 Oahu, T. H., ammunition depot, marine detachment.  
 NA70 Oahu, T. H., Barber's Point, naval air station.  
 CL95 **OAKLAND.**  
 NB68 Oakland, Calif., advance base depot.  
 NT4-8 Oakland, Calif., medical depot.  
 NA21 Oakland, Calif., naval reserve aviation base.  
 NT4-28 Oakland, Calif., naval supply depot.  
 EN9-31 Oakland, Calif., navy cost inspector, Morris Ship Yard.  
 S30-3 Oar racks.  
 A17 Oaths, law and justice.  
 P14-2 Oaths of office.  
 DD177 **O'BANNON** (stricken).  
 DD450 **O'BANNON** (new).  
 DD51 **O'BRIEN** (stricken).  
 DD415 **O'BRIEN** (new).  
 P3-1 Obesity and corpulency, diseases and injury.  
 P13-2 Objectors, conscientious.  
 P13-7 Obscenity.  
 P12-3 Observance of Sabbath.  
 F17-3 Observation baskets.  
 FE18 Observation force.  
 VO Observation planes.  
 VSO Observation scouting planes.  
 H1 Observation spots; observation of whales, seals, etc., hydrography.  
 S24-11 Observation station, airplane.  
 N8-4 Observation tower.  
 N9-1 Observation wards.  
 A16-1 Observations, military, foreign countries.  
 A5-9 Observations and observers, gunnery exercises, ships and aircraft.  
 H4-7 Observations and reports, weather service.  
 A11 Observations, scientific, expeditions, explorations.

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H4-6 Observatories and stations, storm-warning towers and signals, meteorological.  
 N8-3 Observatory, experimental and laboratory structures.  
 EN23 Observatory, naval.  
 H7 Observatory, Washington Naval.  
 AMc91 **OBSERVER.**  
 OV2 Observers, aviation.  
 A5 Observers, engineering performances and gunnery exercises.  
 L11-3 Obsolescence and abandonment of property and material.  
 S75-1 Obsolete torpedoes.  
 P3-3 Obstetrics.  
 H3 Obstructions to Navigation.  
 P15 Obtaining commendations by use of influence.  
 A9-8 Occasional reports.  
 S46-4 Occulators, air, condensing.  
 A16-3 Occupation (war).  
 P3-1 Occupational diseases.  
 H1-9 Ocean currents and routes.  
 AT Ocean-going tugs.  
 A6-4 Ocean mail service.  
 EF28-25 Oceania (French).  
 H1 Oceanography, hydrography, and allied topics.  
 F31-3 Octants.  
 P13-2 Offenders, failure to hold or apprehend.  
 A17-12 Offenses, jurisdiction over, courts-martial.  
 P13 Offenses.  
 S77-1 Offensive equipment, gas and smoke warfare.  
 L4-1 Offers of services, planes, material, etc. (not individual).  
 N3-1 Office buildings.  
 S37-1 Office, dental and doctor.  
 S32-9 Office equipment and supplies.  
 F34-2 Office and house furnishings.  
 EN12 Office of the Judge Advocate General of the Navy.  
 A3-2 Office methods.  
 EN3-10 Office of naval intelligence.  
 P14-2 Office, oath of.  
 EE4 Office of Production Management.  
 N36 Office supplies and equipment.  
 OA-OZ Officer personnel.  
 ON Officers, administrative, ashore.  
 OF Officers, administrative or tactical, afloat.  
 L16-6 Officers, allotments of pay by.  
 P16 Officers attending conventions.  
 OV Officers, aviation.  
 N4 Officers' buildings, personnel structures.  
 OH Officers, Chaplain Corps.  
 OE Officers, Civil Engineers Corps.  
 OC Officers, Construction Corps.  
 F15-4 Officers' and crew's quarters and water closet.  
 OD Officers, Dental Corps.  
 OQ Officers, foreign, other than attachés.  
 OL Officers, line.  
 OA Officers, Marine Corps.  
 OM Officers, Medical Corps.  
 JE Officers' mess.  
 OZ Officers, naval militia.  
 S33-2 Officers' quarters.  
 OB Officers, Reserve Corps.

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OR Officers, retired.  
 N9-1 Officers' sick quarters.  
 OK Officers, staff, general.  
 N6-54 Officers' storehouse, supply.  
 OS Officers, Supply Corps.  
 QR4 Officers' Training Corps, Naval Reserve.  
 A17-11 Officers of United States Naval Reserve Force or Coast  
 Guard, members of (courts-martial).  
 OW Officers, warrant.  
 L11-9 Offices and bureaus, naval, and shore establishment; trans-  
 fers, loans, and work between.  
 N9-2 Offices, dental.  
 S32 Offices and office equipment.  
 A6-5 Official channels, correspondence.  
 F5-1 Offsets, lines, and molds.  
 S5 Offsets, molds.  
 P7 Offspring, attitude towards.  
 EN11-7 Ogdensburg, N. Y., inspector of naval aircraft.  
 CM4 **OGLALA.**  
 BB68 **OHIO.**  
 EG36 Ohio.  
 S69 Ohmmeters.  
 S41-1 Oil baffles, turbines.  
 YO Oil barges.  
 YOS Oil barges, stowage.  
 S92 Oil blowtorch, waste cans and boxes.  
 S45-1 Oil coolers, filters, strainers, lubrication.  
 S57 Oil, diesel and equipment, stowage of.  
 N24 Oil, diesel, storage plants.  
 S41-3 Oil engines, motorboat.  
 F38 Oil, finish and preservation-coating.  
 JJ7 Oil, fuel.  
 N4-9 Oil (fuel), school building.  
 S75 Oil and grease cups, tracers, torpedo.  
 S62-2 Oil and individual switches, electric power distribution.  
 S11-5 Oil-light bulkheads.  
 F39-3 Oil, marking for piping.  
 N6 Oils and paints, storehouse for.  
 S65-5 Oil-pressure telegraphs and oil-burner control telegraphs.  
 N5-70 Oil-reclaiming plant.  
 NZ8 Oil reserves.  
 S30-1 Oil rooms, paint and paint mixing.  
 NZ7 Oil-shale reserves.  
 H1-15 Oil spots, oil to calm the seas.  
 F21-1 Oil systems, engine.  
 S34-2 Oil-tank, galley.  
 F26 Oil tank, radiator, and piping, coolers and heaters, lubrica-  
 tion.  
 N40 Oil tanks (fuel), and cleaning equipment.  
 F10-2 Oil tanks and coolers, supports for, nacelle.  
 F31-1 Oil thermometer, fuel and oil pressure gauges.  
 S19-8 Oil and water stop, compound.  
 AO Oilers (ships).  
 S71-8 Oiling devices, fire control appliances and apparatus.  
 S55-1 Oiling-at-sea, gear.  
 S11-5 Oiltight bulkheads.  
 YN42 **OKISKO.**  
 BB37 **OKLAHOMA.**  
 EG37 Oklahoma.

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CL91 **OKLAHOMA CITY.**  
 NL46 Oklahoma City, Okla., recruiting station.  
 NT2-13 Old Orchard and Middle Points, Wash., naval fuel depot.  
 EF30 Oldenburg (Germany).  
 F13-11 Oleo, shock absorbers.  
 KP57 Olongapo, P. I., marine post.  
 NS11 Olongapo, P. I., naval station.  
 NR95 Olongapo, P. I., radio-traffic station.  
 NE17 Olongapo, P. I., trial course.  
 IX40 **OLYMPIA** (ex-CL15).  
 P10-1 Olympic games.  
 CL4 **OMAHA.**  
 NL31 Omaha, Nebr., recruiting station.  
 EF51 Oman.  
 YN35 **ONEKA.**  
 AT13 **ONTARIO.**  
 PYc5 **ONYX.**  
 PYc8 **OPAL.**  
 YC Open lighters.  
 A14-1 Open ports.  
 S73-3 Open sights, broadside guns.  
 A17-14 Opening, courts-martial.  
 A4-2 Opening of shore stations.  
 L4-2 Openings on bids, purchasing.  
 S12-3 Openings, light.  
 NB Operating bases.  
 N9-2 Operating building, hospital.  
 N11-1 Operating buildings, radio.  
 L10-3 Operating expenses, industrial accounting.  
 S16 Operating gear, access.  
 S53 Operating gear, deck and fireroom, blowers.  
 F13-9 Operating gear, landing amphibian.  
 F24-6 Operating gear, starter magneto.  
 F25-2 Operating gear, temperature control.  
 S48-24 Operating gear, valve.  
 S38-1 Operating gear for ventilators.  
 F41 Operating mechanism.  
 S41-6 Operating room, engine.  
 S37 Operating room, tables, surgical.  
 L10-4 Operation and maintenance accounts.  
 EN3 Operations, naval, office of.  
 L5-4 Operations and personnel, inspections of, shore establishments.  
 A6-2 Operations, radio-compass and radio.  
 A4 Operations of ships or aircraft.  
 P4-1 Operations (surgical).  
 A16-3 Operations, warfare.  
 A2-15 Opinions, decisions, criticisms, and precedents.  
 A10-1 Opinions and reviews (publications).  
 P13-2 Oppression of subordinates.  
 P3-3 Ophthalmology.  
 S71-8 Optical instruments, fire-control.  
 S91-1 Optical repair shop.  
 N5-38 Optical shop.  
 F41-3 Optical sight, machine-gun sights.  
 L4-3 Options, contract.  
 P3-3 Optometry.  
 AM103 **ORACLE.**  
 P5-3 Oral surgery.

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EF13-27 Orange Free State.  
 EN9-29 Orange, Tex., navy cost inspector, Continental Steel Co.  
 EN25-19 Orange, Tex., supervisor of shipbuilding, Consolidated  
 Steel Corporation. Ltd. of Calif.  
 QD Orchestras.  
 L4-3 Orders and contracts, navy.  
 A3-2 Orders, district management, interbureau and intrabureau,  
 navy yard.  
 A2 Orders, executive, departmental, general, and court-  
 martial.  
 A4-3 Orders, movement and operations, ship or aircraft.  
 A7-1 Orders to officers, daily bulletin.  
 P16-4 Orders to personnel.  
 L9-7 Orders and precautions, safety.  
 P12-1 Orders, religious.  
 L21-3 Orders, shipment and car.  
 A17-2 Ordinances, Federal laws.  
 A2-10 Ordinances and resolutions, executive action.  
 P19-1 Ordinary discharge.  
 F41 Ordinance.  
 EN6 Ordinance, Bureau of, Navy.  
 EW16 Ordinance, Chief of.  
 F15-3 Ordinance foundations.  
 NB64 Ordinance Island, Bermuda, submarine base.  
 MV Ordinance man, aviation.  
 S19-1 Ordinance outfit, painting, machinery and hull fittings.  
 NP Ordinance plants.  
 S31-3 Ordinance spares.  
 N6-59 Ordinance storehouse.  
 DD616 **ORDRONAUX.**  
 IX22 **OREGON (ex-BB3).**  
 EG38 Oregon.  
 A17-11 Organization; legal constitution of, court-martial.  
 A3 Organization and management.  
 P8-2 Organizations, associations and membership therein.  
 L22-1 Organizations and individuals, donations to.  
 P12-1 Organizations, religious.  
 QR7 Organized Reserve.  
 A17-13 Original copy, disposition of trial in joinder, court-martial.  
 L8-2 Original requisitions.  
 AM7 **ORIOLE.**  
 AC11 **ORION (stricken).**  
 AS18 **ORION (new).**  
 CV18 **ORISKANY.**  
 FG18 Oriskany air group.  
 AP24 **ORIZABA.**  
 S12-5 Ornaments, bow and stern.  
 P7 Orphans.  
 S51-5 Orsat apparatus, boiler-furnace.  
 P3 Orthoepy and orthopedics.  
 ASR5 **ORTOLAN (ex-AM45).**  
 AN3 **OSAGE.**  
 DD295 **OSBORNE (stricken).**  
 AT47 **OSCEOLA (stricken).**  
 YT129 **OSCEOLA (new).**  
 S76-1 Oscillating mines.  
 S68 Oscillators, under-water sound.  
 S69 Oscillograph, electrical.  
 AVD9 **OSMOND INGRAM (ex-DD255).**

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AM56 **OSPREY.**  
 P3-3 Osteopathy.  
 AMc51 **OSTRICH.**  
 YFB663 **OTTER** (stricken).  
 KP58 Otter Cliffs, Maine, marine post.  
 AS20 **OTUS.**  
 S12-6 Outboard fittings and outboard profile, general.  
 N4-16 Outbuildings for quarters.  
 S32-9 Outfit and printing machinery.  
 L7-1 Outfits, allowance of.  
 P10-1 Outfits, athletic.  
 JJ55-2 Outfits, (first enlistment).  
 S82-2 Outfits and fittings, boats.  
 S24-10 Outfits and instruments, surveying.  
 S78-3 Outfits, testing, ammunition.  
 S92 Outfits, tools and equipment, portable.  
 S86-5 Outfits, war-game.  
 N34-21 Outfits, welding, hand and portable tools, ground main-  
 tenance, shore.  
 L6-1 Outfitting period, new ships.  
 FE22 Out guards.  
 P10-2 Outings (amusement and recreation).  
 S87 Outlets, oxygen.  
 P1-5 Outline finger cards.  
 L24 Output and capacity of manufacturing establishments.  
 F13-1 Outrigger, hull.  
 S12-5 Outriggers.  
 F14-1 Outriggers, mooring spindle, bow.  
 P16-3 Outside employment.  
 S19-1 Outside painting except that below load water line when in  
 connection with docking.  
 S11-1 Outside plating.  
 L10-5 Outstanding accounts.  
 S34-2 Ovens, bake.  
 N5-20 Ovens, core, shop structures.  
 S78-3 Ovens, powder-testing.  
 F25-4 Overflow tanks, cooling radiators.  
 N15-9 Overhangs, boat.  
 L9-3 Overhaul, alterations and repairs, assignments, periods, and  
 schedules, care and preservation.  
 S91-1 Overhaul shops.  
 L10-3 Overhead, industrial accounting.  
 L6-2 Overpayments and receipts therefor, disbursing.  
 L21-1 Overseas, transport service, naval.  
 A14-5 Overt acts.  
 L16-4 Overtime pay.  
 P18-2 Overtime, Sundays, and Holidays (hours of labor).  
 DD239 **OVERTON.**  
 DD536 **OWEN.**  
 AM2 **OWL.**  
 P19-1 Own convenience discharge.  
 F38-3 Oxidizing.  
 S19-5 Oxidizing.  
 N23-5 Oxyacetylene and acetylene plants.  
 N7-5 Oxyacetylene and acetylene plants, structures.  
 S92 Oxyacetylene welding outfit.  
 JC10 Oxygen.  
 F49-1 Oxygen apparatus, regulators and tanks.  
 N26-4 Oxygen distribution.

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S87 Oxygen outlets.  
 N23-4 Oxygen plants.  
 N7-4 Oxygen plants, structures.  
 S38-1 Oxygen systems, ventilation.  
 AVP28 **OYSTER BAY.**  
 CM7 **OZARK.**

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EN25-40 Pacific Coast Eng. Co., Alameda, Calif., supervisor of ship-  
 building.  
 KS3 Pacific department, Marine Corps.  
 FF12 Pacific Fleet.  
 EF13-50 Pacific Islands (British).  
 EF37-7 Pacific Islands (Japanese).  
 NG3 Pacific, northern, naval coastal frontier forces.  
 QH Pacific Ocean.  
 NG4 Pacific, southern, naval coastal frontier forces.  
 EN9-178 Pacific States Steel Corp., Niles, Calif., navy cost in-  
 specter.  
 H7 Pacific time.  
 EA22 Packers and Stockyards Administration, Department of  
 Agriculture (obsolete).  
 S41 Packing, rod and piston, metallic, steam engine.  
 L21-3 Packing for shipment, cases, boxes, crates, etc.  
 S12-4 Pad eyes, ring and eye, bolts.  
 SS263 **PADDLE.**  
 S73-1 Pads, and gas-checks, broadside guns.  
 F33-1 Pads and holders, air messages.  
 S12-5 Pads, lifting.  
 S11-1 Pads, stiffening.  
 PG18 **PADUCAH** (ex-AG7; ex-IX23).  
 NT4-35 Pago Pago, Tutuila, Samoa, naval net depot.  
 S28-4 Paint bands.  
 N6-1 Paint and oil storehouse.  
 S30-1 Paint and paint mixing rooms.  
 JJ52-6 Paint removers.  
 N5-60 Paint shop.  
 N34-17 Paint sprayers, shore.  
 MA Painters, enlisted.  
 F38-2 Painting.  
 S16-6 Painting and cleaning stages.  
 S78-2 Painting devices, ammunition handling.  
 A5-9 Painting of shell for gunnery exercises.  
 S19-1 Painting.  
 A12-2 Paintings, historical.  
 JJ52 Paints and varnishes.  
 EF52 Palestine.  
 S12-5 Palisades.  
 P6-4 Pallbearers, honors and escorts.  
 YN23 **PALM.**  
 DMS5 **PALMER** (ex-DD161).  
 NA41 Palmyra Island; naval air base.  
 NU4 Palmyra, radar station.  
 PR1 **PALOS** (stricken).  
 PG16 **PALOS** (new).  
 PG39 **PAMPANGA.**  
 A2-2 Pamphlets, administrative.  
 GN Pan American Union.

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S36-2 Pan, drip, and drinking fountain.  
 S34-2 Pan racks.  
 S72-1 Pan, turret.  
 F41 Pans, ammunition machine-gun.  
 S43-2 Pans, drip, lubrication.  
 S92 Pans, drip, portable tool.  
 EF53 Panama.  
 HG Panama Canal.  
 QS20 Panama Canal boats.  
 EG57 Panama, Canal Zone.  
 EN22-18 Panama, Canal Zone, hydrographic office.  
 NR101 Panama City, Canal Zone, radio-traffic station.  
 NG6 Panama naval coastal frontier forces.  
 NR66 Panama radio-traffic station, Puerto O'Baldio.  
 PR5 **PANAY** (ex-PG45).  
 F11-1 Panels, center section, wing.  
 F15 Panels, cordage and wire netting.  
 F19 Panels, fabric covering.  
 S72-2 Panels, motor-control, turret-turning.  
 S62-1 Panels, not used in motor-driving specific apparatus.  
 F18-2 Panels, rip, nonrigid gas envelopes.  
 S62-1 Panels, switch.  
 S73-3 Panoramic sights, broadside guns.  
 S34-1 Pantries.  
 N6-25 Paper and cardboard storehouses.  
 S85 Paper, developing and printing, photography.  
 F44-2 Paper, photographic.  
 S78-2 Paper, powder heat test.  
 N36-12 Paper, tracing, blueprint, and Van Dyke paper and cloth.  
 P15-5 Papers, enlistment.  
 A10-6 Papers (magazines), ship and shore station.  
 P1-4 Papers, naturalization.  
 L21-4 Papers, shipper's clearance.  
 A12-3 Papers, State.  
 EF13-49 Papua (British).  
 F41-15 Parachute flares.  
 NC84 Parachute school, San Diego, Calif.  
 F43 Parachutes and harness.  
 S78-1 Parachutes, illuminating projectiles, ammunition.  
 N1-8 Parade grounds.  
 A15-2 Parades.  
 EF54 Paraguay.  
 S71-1 Parallax, range transmitters, fire control.  
 F49-7 Parallel rulers.  
 S24-7 Parallel rulers.  
 S72-4 Paralleling and tramming, turret guns.  
 S73-1 Parallelism, broadside guns.  
 AMc92 **PARAMOUNT**.  
 S81-2 Paravanes and gears.  
 A6-4 Parcel post, mail.  
 L21-1 Parcel post, shipment by.  
 EJ5 Pardons, attorney in charge of.  
 P7 Parents.  
 P14-4 Parent's consent to enlistment.  
 SS264 **PARGO**.  
 DD43 **PARKER** (stricken).  
 DD604 **PARKER** (new).  
 F38-3 Parkerizing.  
 F13-2 Parking brakes, landing gear.

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N1-15 Parking spaces, automobile.  
 N1-2 Parks.  
 HS Parkway Commission, Rock Creek and Potomac.  
 L20 Parlor car rates and service, travel.  
**AMc34 PARRAKEET.**  
 KP60 Parris Island, S. C., Battalion A (recruit).  
 KP61 Parris Island, S. C., Battalion B (recruit).  
 KP62 Parris Island, S. C., Battalion C (recruit).  
 KP63 Parris Island, S. C., Battalion D (recruit).  
 KP64 Parris Island, S. C., field music detachment.  
 KV7 Parris Island, S. C., flying field.  
 KP65 Parris Island, S. C., headquarters detachment.  
 KP66 Parris Island, S. C., headquarters detachment, main.  
 KP67 Parris Island, S. C., headquarters detachment, receiving station.  
 KP68 Parris Island, S. C., headquarters detachment, training station.  
 KP59 Parris Island, S. C., Marine post.  
 KP69 Parris Island, S. C., mess detachment (main).  
 NH10 Parris Island, S. C., naval hospital.  
 KP70 Parris Island, S. C., naval prison, marine post.  
 NF2 Parris Island, S. C., naval prison.  
 KP71 Parris Island, S. C., naval prison detachment.  
 KP72 Parris Island, S. C., post staff.  
 NR39 Parris Island, S. C., radio-traffic station.  
 KP73 Parris Island, S. C., rifle-range detachment.  
 KP74 Parris Island, S. C., school detachment.  
 KP75 Parris Island, S. C., supply company.  
**DD218 PARROTT.**  
 L6 Partial deliveries and payments.  
 A17 Particular courts and boards.  
 P9-1 Parties, political.  
 S11-7 Partitions, inclosures and trunks.  
**AM16 PARTRIDGE.**  
 S68 Parts, C, K, MV, tubes and spares (sound signaling).  
 S91-1 Parts cleaning room, engine, aviation.  
 F21-2 Parts engine accessories.  
 F1-3 Parts, material, design.  
 S31 Parts, spare.  
 S94 Parts, spare, salvage.  
 F13 Parts, standard, body group.  
 F10-2 Parts, standard, nacelle.  
 F12 Parts, standard, tail group.  
 F11 Parts, standard, wing group.  
 F29-3 Parts, stock material.  
**CL65 PASADENA.**  
 EN9-55 Pascagoula, Miss., navy cost inspector, Ingalls S. B. Co.  
 EN25-29 Pascagoula, Miss., supervisor of shipbuilding, Ingalls S. B. Co.  
 A4-3 Passage (movement) (ships and aircraft).  
 A14-6 Passage of armed forces.  
 A2-14 Passage, permits for, civilians', and contractors' representatives to witness trials and tests of naval and aircraft vessels.  
 N2-3 Passage platforms (highways).  
 S11-7 Passages, pipe and wiring.  
 N33-1 Passenger automobiles.  
 L20 Passengers, embarking and discharging, lists and rates.  
 A2-14 Passes, permits, and licenses.

L20-1 Passes (travel).  
 S78-2 Passing scuttle, ammunition handling.  
 ES8 Passport Control Division, State Department.  
 L20-1 Passports.  
 P1-7 Past history records.  
 AT10 **PATAPSCO** (stricken).  
 AOG1 **PATAPSCO** (new).  
 F18-2 Patches, nonrigid gas envelopes.  
 EC14 Patent Office, Department of Commerce.  
 S24-7 Patent, taffrail, electric, and logs.  
 A13 Patents.  
 N1-13 Patents and grants, land.  
 EN11-18 Paterson, N. J., inspector of naval aircraft.  
 S72-1 Path alignment, roller, turrets.  
 P3-4 Pathology.  
 S17-1 Patients on board ship, lifting gear for taking.  
 A09 **PATOKA** (ex-AV6).  
 YT69 **PATRIOT** (ex-YT127).  
 P10-4 Patriotic airs, music.  
 P8-2 Patriotic associations.  
 P9-1 Patriotic rallies.  
 VPB Patrol bombing planes.  
 FE15 Patrol force.  
 ON20 Patrol officer ashore.  
 VP Patrol planes.  
 PC-PYc Patrol vessels.  
 PG Patrol vessels, gunboats.  
 FP Patrol wings.  
 A5-9 Pattern, salvo, gunnery exercises.  
 N5-43 Pattern shop.  
 MA Patternmaker, enlisted.  
 F5-1 Patterns, aircraft.  
 S5 Patterns, ship.  
 L2-3 Patterns, molds, specifications.  
 S71-1 Patterns, salvo, fire-control.  
 N6-14 Patterns, storehouse for.  
 S91-1 Patternshop.  
 DD36 **PATERSON** (stricken).  
 DD392 **PATERSON** (new).  
 AT11 **PATUXENT** (stricken).  
 DD307 **PAUL HAMILTON** (stricken).  
 DD590 **PAUL HAMILTON** (new).  
 DD230 **PAUL JONES**  
 DD22 **PAULDING** (stricken).  
 DD238 **PAULDING, JAMES K.** (stricken).  
 N2-1 Pavements.  
 AT74 **PAWNEE**  
 EN9-72 Paucatuck, Conn., navy cost inspector, United Aircraft Corporation.  
 YT7 **PAWTUCKET**  
 OW Pay clerks (warrant).  
 OA11 Pay clerks, marine corps.  
 L7-1 Pay and money allowances.  
 P13-9 Pay or numbers, loss of, punishment.  
 L16 Pay, money allowance.  
 L10 Payable accounts (accounting).  
 L6-2 Payable bills.  
 KS5 Paymaster, marine corps.  
 OS Paymasters, officers.  
 L23 Payment of exchange.

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L6 Payments, receipts, and deliveries.  
 A3-1 Peace basis, organization.  
 A14-6 Peace at end of war.  
 AM46 **PEACOCK** (stricken)  
 S29-1 Peak.  
 S48-1 Peak tank.  
 NC72 Pearl Harbor, T. H., bomb site aviation school.  
 NC102 Pearl Harbor (Puuloa), T. H., fleet machine gun school.  
 NC91 Pearl Harbor, T. H., fleet parachute material school.  
 NC95 Pearl Harbor, T. H., fleet torpedo school.  
 NT2-11 Pearl Harbor, T. H., fuel depot.  
 KP76 Pearl Harbor, T. H., marine post.  
 KH6 Pearl Harbor, T. H., marine post exchange.  
 NA12 Pearl Harbor (Kuahua), T. H., naval air station.  
 NH17 Pearl Harbor, T. H., naval hospital.  
 NT4-13 Pearl Harbor, T. H. (Bishop Point), naval net depot.  
 NT4-30 Pearl Harbor, T. H., naval medical supply depot.  
 NB3 Pearl Harbor, T. H., naval operating base.  
 NM14 Pearl Harbor, T. H., naval receiving station.  
 NB14 Pearl Harbor, T. H., naval submarine base.  
 NY10 Pearl Harbor, T. H., navy yard.  
 NT4-9 Pearl Harbor, T. H., supply depot.  
 DD226 **PEARY**.  
 A06 **PECOS**.  
 P1-6 Peculiarities, temperamental (habits and character).  
 HX Pecuniary Claims Arbitration Commission.  
 F27-3 Pedals, hand pumps.  
 F32-1 Pedals, rudder control.  
 S75-2 Pedestals and braces, torpedo tube and launching gear.  
 P3-3 Pediatrics.  
 S13 Peep holes, armor protection.  
 S73-3 Peep sights, broadside guns.  
 AMe93 **PEERLESS**.  
 KP78 Peiping, China, headquarters detachment.  
 KP77 Peiping, China, marine post.  
 NX61 Peiping, China, radio direction-finder station.  
 NR98 Peiping, China, radio-traffic station.  
 AS14 **PELIAS**.  
 AVP6 **PELICAN** (ex-AM27).  
 S26-5 Pelican hooks.  
 S24-7 Peloruses and stand.  
 YT6 **PENACOOK**.  
 L4-3 Penalties, contracts and orders.  
 A17-5 Penalties, law and justice.  
 L6-2 Penalties, payments.  
 A6-4 Penalty envelopes.  
 S26-4 Pendants, clear hawse.  
 S75-1 Pendulum, torpedo.  
 S13-2 Penetration of armor.  
 AM33 **PENGUIN**.  
 EN9-52 Pennsylvania Forge Company, Tacony, Pa., navy cost  
 inspector.  
 BB38 **PENNSYLVANIA**.  
 EG39 Pennsylvania.  
 YT42 **PENOBSCOT**.  
 S30-1 Pens, animal.  
 AG13 **PENSACOLA** (stricken).  
 CA24 **PENSACOLA** (new).

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NC7 Pensacola, Fla., aircraft radio school.  
 NC70 Pensacola, Fla., aviation mechanic's and metalsmith's school.  
 NC49 Pensacola, Fla., aviation training school.  
 NC77 Pensacola, Fla., link training school.  
 KP79 Pensacola, Fla., marine post.  
 NA9 Pensacola, Fla. (Corry Field), naval air station.  
 NH12 Pensacola, Fla., naval hospital.  
 NC29 Pensacola, Fla., photographic school.  
 NX29 Pensacola, Fla., radio direction-finder station.  
 NR45 Pensacola, Fla., radio-traffic station.  
 NT5-5 Pensacola, Fla., torpedo depot.  
 L6-9 Pension fund.  
 L16-9 Pensions, and applications for.  
 E14 Pensions, Bureau of, (Interior Department).  
 S78-1 Pentaerythritoltetranitrate tuluol, ammunition.  
 YT8 **PENTUCKET** (stricken).  
 P8-1 Peonage.  
 NL39 Peoria, Ill., recruiting station.  
 YN31 **PEPPERWOOD** (ex-Walnut).  
 SS176 **PERCH**.  
 DD298 **PERCIVAL** (stricken).  
 DD452 **PERCIVAL** (new).  
 S56-4 Perforated and index plates, feed-water tanks.  
 F1-2 Performance calculations, design.  
 P20-1 Performance of duty.  
 S71-4 Performance-recorder instrument, torpedo control.  
 F1-5 Performance tests, flight, design.  
 A5-7 Performances, engineering.  
 EF13-6 Perin (British).  
 P14-4 Period of enlistment.  
 A10-2 Periodicals, subscriptions.  
 S72-3 Periscope boxes, turret.  
 S24-9 Periscopes.  
 S71 Periscopes, anti-aircraft battery and fire control.  
 P13-2 Perjury, false testimony.  
 DD26 **PERKINS** (stricken).  
 DD377 **PERKINS** (new).  
 P14-2 Permanent appointments.  
 F36-3 Permanent storage batteries.  
 S62-3 Permanent storage batteries (electric power distribution).  
 P1-1 Permission to change name.  
 P18-1 Permission to leave United States.  
 A7 Permission to publish; to make motion pictures, and photographs.  
 P14-4 Permission to reenlist.  
 SS178 **PERMIT**.  
 A17-6 Permits, disbarments, of attorneys.  
 A2-14 Permits, licenses, and passes.  
 L20-1 Permits (travel).  
 DMS17 **PERRY** (ex-DD340).  
 P13-3 Person, offenses against.  
 L19 Personal effects; property and professional books.  
 F34-1 Personal equipment and bags, furnishings.  
 P2-4 Personal hygiene.  
 A6-4 Personal mail.  
 P1-7 Personal records.  
 A14-3 Personal rights, noncombatants.  
 P Personnel (group).  
 EA27 Personnel and Administration, Department of Agriculture.

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EH Personnel Classification Board.  
 NM Personnel depots, Navy.  
 EN1-12 Personnel Division, supervision and management.  
 OO Personnel, officer.  
 L5-3 Personnel and operations, shore establishment, inspection of.  
 P16 Personnel, orders to, allotment of (assignment and detail).  
 P20-2 Personnel records.  
 L13-2 Personnel, ships and cargo, insuring.  
 N4 Personnel structures.  
 P11-1 Personnel, training of (educational system).  
 P13-7 Personnel, vice (misconduct and discipline).  
 A8-5 Persons unfriendly.  
 P8-5 Petitions (social relations).  
 EF56 Peru.  
 P13-7 Perversion, sexual.  
 EF37-3 Pescadores.  
 P3-1 Pestilence.  
 SS265 **PETO.**  
 JJ7-11 Petroleum.  
 EE6 Petroleum Coordinator for National Defense.  
 NZ8 Petroleum Reserves.  
 N33-19 Pets.  
 S33-3 Petty officer's quarters, chief.  
 MY Pharmacist's mate.  
 N4-9 Pharmacists mate's school building.  
 OW Pharmacists (warrant).  
 P3-2 Pharmacy.  
 AM61 **PHEASANT.**  
 DD360 **PHELPS.**  
 IX24 **PHILADELPHIA** (stricken).  
 CL41 **PHILADELPHIA** (new).  
 EN9-167 Philadelphia Non-Ferrous Fdry., Inc., Philadelphia, Pa., navy cost inspector.  
 EN9-16 Philadelphia, Pa., area coordinator, Third Army Corps.  
 KS7 Philadelphia, Pa., assistant paymasters, Marine Corps.  
 NC58 Philadelphia, Pa., aviation instrument school.  
 NC16 Philadelphia, Pa., fuel oil school.  
 KP81 Philadelphia, Pa., guard company No. 1.  
 KP82 Philadelphia, Pa., guard company No. 2.  
 KP83 Philadelphia, Pa., headquarters' detachment.  
 EN22-6 Philadelphia, Pa., hydrographic office.  
 EN8-17 Philadelphia, Pa., inspector of engineering material.  
 EN7-23 Philadelphia, Pa., inspector of hull material.  
 EN8-9 Philadelphia, Pa., inspector of machinery.  
 EN8-28 Philadelphia, Pa., inspector of machinery, marine engineering corps.  
 EN24-5 Philadelphia, Pa., inspector of naval material.  
 EN6-16 Philadelphia, Pa., inspector of ordnance, Cramp Co.  
 EN6-28 Philadelphia, Pa., inspector of ordnance, Marine Engineering Corporation.  
 EN6-15 Philadelphia, Pa., inspector of ordnance, Midvale Steel Co.  
 NT6-1 Philadelphia, Pa., Marine Corps supply depot.  
 KP80 Philadelphia, Pa., marine post.  
 NP11 Philadelphia, Pa., naval aircraft factory.  
 NP18 Philadelphia, Pa., naval boiler and turbine laboratory.  
 NC5 Philadelphia, Pa., naval finance and supply school (now navy supply school, graduate school of business administration, Harvard University, Boston, Mass.).

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NH5 Philadelphia, Pa., naval hospital.  
 NM8 Philadelphia, Pa., naval receiving station.  
 NA46 Philadelphia, Pa., naval reserve aviation base, navy yard.  
 NV1 Philadelphia, Pa., naval veterans' home.  
 EN9-7 Philadelphia, Pa., navy cost inspector.  
 EN9-166 Philadelphia, Pa., navy cost inspector, American Pulley Co.  
 EN9-42 Philadelphia, Pa., navy cost inspector, Cramps Ship Yard.  
 EN9-111 Philadelphia, Pa., navy cost inspector, Day & Zimmerman, Inc.  
 EN9-156 Philadelphia, Pa., navy cost inspector, Joyce Machine Co.  
 EN9-167 Philadelphia, Pa., navy cost inspector, Philadelphia Non-Ferrous Fdry., Inc.  
 NY4 Philadelphia, Pa., navy yard.  
 NR19 Philadelphia, Pa., radio-traffic station.  
 KP84 Philadelphia, Pa., receiving station.  
 KR7 Philadelphia, Pa., recruiting bureau, marines.  
 NL11 Philadelphia, Pa., recruiting station.  
 EN11-32 Philadelphia, Pa., resident inspector of naval aircraft.  
 EN7-9 Philadelphia, Pa., superintending constructor.  
 EN7-14 Philadelphia, Pa., superintending constructor, Marine Engineering Corporation.  
 EN25-28 Philadelphia, Pa., supervisor of shipbuilding, Cramps S. B. Co.  
 NT5-2 Philadelphia, Pa., torpedo depot.  
 NA35 Philadelphia, Pa., training base, naval aircraft factory.  
 DD76 **PHILIP** (stricken).  
 DD498 **PHILIP** (new).  
 QW9 Philippine insurrection.  
 NG8 Philippine Island naval coastal frontier forces.  
 CB4 **PHILIPPINES**.  
 EG52 Philippine Islands.  
 AMc57 **PHOEBE**.  
 CL46 **PHOENIX**.  
 S77-1 Phosphorus and watertight drums, gas and smoke warfare.  
 F1-2 Photo elastic stress analysis.  
 MV Photographer, aviation.  
 N10-7 Photographic huts.  
 N8-8 Photographic laboratories.  
 F44-2 Photographic supplies.  
 S85-3 Photographs.  
 F44-3 Photographs, aerial.  
 F1 Photographs, contract, final design.  
 P1-5 Photographs of individuals.  
 P1-3 Photographs, identification.  
 P13-7 Photographs, obscene.  
 A7-5 Photographs, permission to take.  
 S85 Photography.  
 F44 Photography and equipment.  
 S87 Photometers.  
 P1 Physical descriptions and habits.  
 P2 Physical examinations, condition, and exercises.  
 N4-10 Physical instruction and athletic buildings.  
 P1-2 Physical residence.  
 P19-1 Physically unfit discharge.  
 A17-15 Physician (civilian), testimony of (court-martial).  
 H6 Physics.  
 P2-4 Physiology.  
 P3-3 Physiotherapy.  
 EW27-3 Picatinny Arsenal (Army).

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SS177 **PICKEREL.**  
 FE21 Pickets.  
 F38-3 Pickling, finish processes.  
 S19-4 Pickling, cleaning, preparation processes.  
 N5-15 Pickling plant and vats.  
 S78-1 Pierate, ammonium, ammunition.  
 A7-4 Pictures, motion, permission to make.  
 N6-74 Pictures, motion, storehouse.  
 A2-14 Pictures, moving and still, permits to take.  
 S78-1 Pieces, distance, ammunition.  
 L10 Piecework, accounting for, cost inspection.  
 N6-9 Pier shed, merchandise.  
 N15-1 Piers and docks.  
 EW27-8 Pig Point Ordnance Depot (Nansemond) (Army).  
 NT1-14 Pig Point, Va. (Nansemond) reserve ammunition depot.  
 ASR6 **PIGEON** (ex-AM47).  
 A5-12 Pigeon competition, training.  
 N28-7 Pigeon lofts.  
 A6-7 Pigeon service.  
 F42-4 Pigeons and equipment.  
 F38-1 Pigmented, finish.  
 SS173 **PIKE.**  
 S11-5 Pilaster bulkheads.  
 YPD Pile drivers.  
 N34-2 Pile drivers, floating and land.  
 N15-17 Piles and piling, water front structures.  
 N19-6 Piles and piling (not water front).  
 N1-5 Piles and pits, test.  
 N6-6 Piles, storehouse for.  
 S11-9 Pillars, hull structural.  
 S33-6 Pillows (kapok, feather and hair).  
 DD227 **PILLSBURY.**  
 AM104 **PILOT.**  
 F31-1 Pilot, automatic.  
 H4-4 Pilot balloons.  
 S24-3 Pilot and chart house.  
 L14-2 Pilotage.  
 S24-6 Piloting bridge or platform.  
 N20-7 Piloting cables.  
 MV1 Pilots, aviation.  
 S12-2 Pin, rails.  
 AV12 **PINE ISLAND.**  
 NE18 Piney Point, Md., trial course.  
 S42 Pinions, gear wheels, reduction gear, main propelling  
 machinery.  
 S72-3 Pinions, turret-turning.  
 AT33 **PINOLA.**  
 S72-3 Pins, centering, turret.  
 S41 Pins, wrist, main propelling machinery.  
 AMc17 **PINTAIL.**  
 F16 Pintles, fins and rudders.  
 AM105 **PIONEER.**  
 S12-1 Pipe covers, hawse.  
 S91-2 Pipe cutting and threading machines, coppersmith shops.  
 N5-58 Pipe-fitter's shop.  
 S48-23 Pipe fittings.  
 S28-3 Pipe marking.  
 S11-7 Pipe passages, tunnels, and trunks, hull structural.  
 S91-1 Pipe shop.

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S51 Pipes, boiler.  
 S12 Pipes, casing around (removable) chain or hawse.  
 F15-11 Pipes, filling, water-ballast system and fittings.  
 S34-2 Pipes, galley.  
 S48 Piping.  
 S49 Piping, air.  
 S28-3 Piping, air ducts.  
 F24 Piping, air starter and primer.  
 F28-2 Piping, condenser.  
 S46 Piping, condensing.  
 F25 Piping, cooling system.  
 S58 Piping, distiller.  
 S55 Piping, fuel oil.  
 S48 Piping, general.  
 F27 Piping, hand and power pumps, fuel.  
 S76-2 Piping and hangers, hydraulic control, depth charge.  
 S39-2 Piping, lagging, marking for.  
 F26-4 Piping, lubricating oil.  
 F25-3 Piping, metallic and nonmetallic water piping.  
 F21-1 Piping, oil, engine.  
 F26-4 Piping, oil, lubricating system.  
 S41-2 Piping, receiver, engines.  
 S59 Piping, refrigeration system.  
 S38-2 Piping, steam heating.  
 S22 Piping, steering.  
 N6-11 Piping and tubes, storehouse for.  
 S22 Piping and valves.  
 S93 Piping, valves, steam fire extinguishers.  
 S45 Piping, wipers and cups, lubricating equipment.  
**AMc1 PIPIT.**  
 P9-2 Piracy, political disturbance.  
 P13-5 Pirates and piracy.  
 AT49 **PISCATAQUA** (stricken).  
 F41 Pistols and ammunition, Very's.  
 S76-2 Pistols, depth charge.  
 S79-4 Pistols and holsters, small arms.  
 S75-1 Pistols, torpedo.  
 S70-1 Pistols, Very's signal.  
 S73-2 Pistons, broadside mounts.  
 F21-1 Pistons, engine.  
 S41 Pistons, rods and rings, main propelling machinery.  
 S75-1 Pistons, torpedo.  
 S72-5 Pistons, turret-gun slides.  
 N6-26 Pitch storehouses.  
 S92 Pitch and glue kettles.  
 S29-5 Pitch and roll recorder.  
 S44 Pitch-measuring device.  
 S29-5 Pitching.  
 S65-5 Pitometer.  
 F31-1 Pitot static tube.  
 S38-1 Pitot tubes, ventilating testing.  
 N5-9 Pits, shrinkage.  
 N1 Pits, tests of soil.  
 CA4 **PITTSBURGH** (stricken).  
 CA70 **PITTSBURGH** (new).  
 EN25-32 Pittsburgh, Pa., Neville Island, supervisor of shipbuilding,  
 Dravo Corp.  
 EN8-18 Pittsburgh, Pa., inspector of engineering material.  
 EN8-7 Pittsburgh, Pa., inspector of machinery.

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EN24-7 Pittsburgh, Pa., inspector of naval material.  
 EN9-46 Pittsburgh, Pa., navy cost inspector, Westinghouse Co.  
 NL41 Pittsburgh, Pa., recruiting station.  
 EN9-141 Pittsfield, Mass., navy cost inspector, General Electric Co.  
 S75| Pivots, gyro, torpedo tubes and launching gear.  
 P19-1 Place and date of discharge  
 P14-4 Place of enlistment.  
 P2-1 Plague.  
 EN9-127 Plainfield, N. J., navy cost inspector, Walter Scott & Co.,  
     Inc.  
 S72-1 Plan, general arrangement, turrets.  
 S91-2 Planers and shapers.  
 VA-VZ Planes.  
 F49-7 Planimeters.  
 S24-7 Planimeters.  
 S14-1 Planking, deck.  
 F13 Planking, hull and landing gear.  
 S11-1 Planking and plating, hull, structural.  
 F14-1 Planks, gang, bow.  
 F3 Planning.  
 LB Planning and estimating service.  
 S3 Planning and inspection.  
 S88-1 Plans, damage control books.  
 S1 Plans, design of ship.  
 L2-2 Plans, drawings, blueprints, specifications.  
 S33-1 Plans, general arrangement and joiner.  
 S5 Plans, half breadth, sheer and body.  
 A1 Plans, projects, policies.  
 S49 Plant, compressed air.  
 L10 Plant increase, inventory (accounting).  
 EA10 Plant Industry, Bureau of, Department of Agriculture.  
 S40 Plant, machinery, general.  
 L8-3 Plant orders.  
 EA33 Plant quarantine and control administration, Department  
     of Agriculture.  
 S59 Plant, refrigerating.  
 N24 Plants, fuel, shore.  
 L24 Plants, general condition of, facilities.  
 N23 Plants, generating (not including structures).  
 L9-2 Plants and material, guarding of.  
 NP Plants, naval.  
 N7 Plants, power, pumping and gas-generating structure.  
 N5 Plants, shop structures.  
 N1-2 Plants, shrubbery, trees.  
 N25 Plants, water, ice and refrigerating.  
 S14-2 Plaster, deck  
 JJ59-8 Plaster substitutes.  
 F34-6 Plastics, synthetic.  
 S34-2 Plate racks, commissary equipment.  
 S16 Plates, access.  
 S13 Plates, armor, deck, turret and barbette.  
 S72-1 Plates, backing, turrets.  
 S51 Plates, baffle, gas, boilers.  
 S75-1 Plates, baffle, torpedo.  
 S79-3 Plates, breast, machine gun.  
 S14-4 Plates, chafing, deck.  
 S28 Plates, designating, distinguishing and war service.  
 S73-2 Plates, gun port, broadside mounts.  
 S56-4 Plates, index, perforated, feed-water tank.

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F39-3 Plates, information and name.  
 F11-1 Plates, inspection, wing.  
 N36-13 Plates, lithographing and engraving machine equipment.  
 S51-1 Plates, manhole, handhole, boiler.  
 S56-4 Plates, perforated, feed-water tank.  
 F44-2 Plates, photographic.  
 S85-2 Plates, photography.  
 A10-1 Plates, printing.  
 S41 Plates, splash, main propelling machinery.  
 S46-5 Plates, supporting, tube sheets, condenser.  
 N10-13 Platform, arresting.  
 N32-4 Platform scales.  
 F15-3 Platforms, climbing shafts.  
 S11 Platforms, flat, hold, deck, and structural.  
 S73-2 Platforms, gun, broadside mount.  
 N12-3 Platforms, gun, shore.  
 F48-3 Platforms and hoists, special.  
 F34-6 Platforms and ladders, portable.  
 S24 Platforms, ship control.  
 S66 Platforms, towers, and foundations, searchlight.  
 S72-1 Platforms, turret.  
 S16-6 Platforms, working.  
 F13 Plating, fuselage, hull, and landing gear.  
 F38-3 Plating and lead plating, finish.  
 S5 Plating, models for laying off.  
 F17-1 Plating, outside, car structures  
 S11 Plating and planking (outside) hull, structural.  
 N5-8 Plating and polishing shops.  
 S19-3 Plating preservative coatings.  
 S22 Plating, rudder.  
 JJ46-16 Platinum.  
 AO24 **PLATTE.**  
 P10-3 Playing cards.  
 A17-14 Plea in bar of trial, trial procedure, courts-martial.  
 AK46 **PLEIADES.**  
 S28-6 Plimsoll marks.  
 P6-6 Plots, cemetery, assignment of.  
 P9-2 Plots, political relations.  
 S71 Plotter and plotting, fire control.  
 F31-3 Plotting board.  
 S71 Plotting instruments, fire control.  
 AMc3 **PLOVER.**  
 N34 Plows.  
 AMc94 **PLUCK.**  
 S48 Plugs, bleeder, piping and drain.  
 S78-1 Plugs, cork and projectile, ammunition.  
 F13-3 Plugs, drain, landing gear.  
 S55-4 Plugs, fuel-oil burners.  
 S62-2 Plugs and receptacles, watertight (electric-power distribution).  
 F21-1 Plugs, spark, engine.  
 S41-3 Plugs, spark, motorboat engine.  
 S55-4 Plugs and tips, atomizer, fuel oil.  
 S91 Plumber's and fitter's lockers and shops.  
 S48-8 Plumbing drains.  
 N5-59 Plumbing shop.  
 S76-1 Plummets, anchor, mine and spools.  
 SS179 **PLUNGER.**  
 S73-2 Plungers, broadside mounts.

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SS180 **POLLACK.**  
 P2-4 Pollution of air.  
 H1-22 Pollution of navigable waters.  
 AKS2 **PULLUX.**  
 P10-1 Polo, athletics.  
 N1-7 Polo grounds.  
 P13-7 Polygamy.  
 SS181 **POMPAÑO.**  
 AF5 **POMPEY** (stricken).  
 SS267 **POMPON.**  
 S79-4 Ponchos.  
 N23-9 Ponds, cooling and spray.  
 EN6-37 Pontiac, Mich., inspector or ordnance, General Motors Corporation.  
 EN9-88 Pontiac, Mich., navy cost inspector, General Motors Corporation.  
 N14-4 Pontoon bridges.  
 YPK Pontoon stowage barges.  
 SS2-19 Pontoons and camels (other than salvage).  
 YSP Pontoons, submarine lifting.  
 P10-3 Pool, amusement games.  
 N4 Pools and tanks, swimming.  
 S11-6 Poop deck.  
 DD225 **POPE.**  
 YN24 **POPLAR** (now Hazel).  
 S6-2 Poppets, launching.  
 A9-10 Population statistics.  
 YFB2047 **PORPOISE** (stricken).  
 SS172 **PORPOISE** (new).  
 NB75 Port Althrop, Alaska, section base.  
 NX54 Port Angeles, Wash., radio direction-finder station.  
 NB55 Port Angeles, Wash., section base.  
 NB76 Port Armstrong, Alaska, section base.  
 EN9-154 Port Arthur, Tex., navy cost inspector, Texasteel Mfg. Co.  
 NR49 Port Arthur, Tex., radio-traffic station.  
 KV2 Port au Prince, Haiti, aviation detachment, marine.  
 KP122 Port au Prince, Haiti, marine post.  
 NR15 Port au Prince, Haiti, radio-traffic station.  
 NC74-7 Port Blakely, Bainbridge Island, Wash., radio naval training school.  
 EN11-29 Port Columbus, Ohio, inspector of naval aircraft.  
 EN9-124 Port Columbus, Ohio, navy cost inspector, Curtiss-Wright Corp.  
 A10-4 Port directories.  
 L14-2 Port dues.  
 NB89 Port Everglades (Port Lauderdale), Fla., section base.  
 L24 Port facilities, domestic and foreign.  
 A4-3 Port, home and ship movements.  
 NE6 Port Jefferson, R. I., trial course.  
 NB89 Port Lauderdale (Port Everglades), Fla., section base.  
 S13-4 Port plates.  
 S72-3 Port screens, turret.  
 KP145 Port of Spain, Trinidad, marine detachment.  
 NT4-36 Port Townsend, Wash., naval net depot.  
 NB60 Port Townsend, Wash., section base.  
 N34-20 Portable air compressors.  
 S69 Portable ammeters.  
 S24-8 Portable chart boards, ship control.  
 S64 Portable and electric lanterns, lights.  
 S93 Portable fire extinguishers.

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S33-6 Portable furniture and lockers (except office and medical).  
 N34-21 Portable and hand tools, welding outfits, ground maintenance.  
 F49-7 Portable instruments.  
 F36-6 Portable lights.  
 S64-4 Portable lights, electric.  
 S16-2 Portable plates.  
 F34-6 Portable platforms and ladders.  
 S32-9 Portable pulpit.  
 S62-3 Portable storage batteries, electric power distribution.  
 S92 Portable tools and equipment.  
 DD59 **PORTER** (stricken).  
 DD356 **PORTER** (new).  
 DD579 **PORTER, WM. B.**  
 AM106 **PORTENT.**  
 H1-21 Portfolios, chart, hydrography.  
 CA33 **PORTLAND.**  
 KP138 Portland Bight, Jamaica, British West Indies, marine post.  
 NA71 Portland Bight, Jamaica, naval air station.  
 EN22-3 Portland, Maine, hydrographic office.  
 NT4-39 Portland (Casco Bay), Maine, navy supply pier.  
 NR2 Portland, Maine, radio-traffic station.  
 NB45 Portland, Maine, section base.  
 EN22-16 Portland, Oreg., hydrographic office.  
 EN9-50 Portland, Oreg., navy cost inspector, Willamette Iron & Steel Corporation.  
 NL34 Portland, Oreg., recruiting station.  
 EN25-23 Portland, Oreg., supervisor of shipbuilding, Commercial Iron Works.  
 EN25-30 Portland, Oreg., supervisor of shipbuilding, Willamette Iron & Steel Corporation.  
 S16-2 Ports, cargo.  
 A14-1 Ports, closed, open and blockaded.  
 S11-1 Ports, freeing, outside plating.  
 KP87 Portsmouth, N. H., marine barracks detachment.  
 KP88 Portsmouth, N. H., marine guard company.  
 KP86 Portsmouth, N. H., marine post.  
 KH9 Portsmouth, N. H., marine post exchange.  
 NH1 Portsmouth, N. H., naval hospital.  
 NT4-31 Portsmouth, N. H., naval net depot.  
 NF1 Portsmouth, N. H., naval prison.  
 KP89 Portsmouth, N. H., naval prison, marine detachment.  
 NY1 Portsmouth, N. H., navy yard.  
 NR3 Portsmouth, N. H., radio-traffic station.  
 NC19 Portsmouth, Va., hospital corps school.  
 NC28 Portsmouth, Va., pharmacist's mates school.  
 EF58 Portugal.  
 H2-5 Position, fixing of.  
 H1 Positions, geographic, hydrography.  
 AMc95 **POSITIVE.**  
 P13-2 Possession of concealed weapons, particular offense.  
 KB2 Post bands, Marine.  
 N4-6 Post exchange.  
 KH Post exchanges, Marine Corps.  
 S32-2 Post office.  
 N3-3 Post Office Building.  
 EP Post Office Department.  
 F8-5 Post repair trials.  
 S8-5 Post repair trials.

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A21-4 Postal air service.  
 A6-4 Postal Guide, supplement and service.  
 EP8 Postal savings, Post Office Department.  
 P13-7 Postal service, offenses against.  
 L21-1 Postal shipments.  
 L3 Posters, advertising.  
 P14-4 Posters, enlistment.  
 NC4 Postgraduate school, Annapolis, Md.  
 EP1 Postmaster General.  
 P14-4 Postmasters' reward for enlistment of applicants (appointments).  
 F32-2 Posts, elevator control.  
 NS15 Posts, harbor entrance control.  
 S17-1 Posts, king.  
 KP Posts and stations, Marine.  
 N26-6 Potable fresh water, distribution.  
 S36-3 Potable water, stowage of.  
 S34 Potato peelers and room.  
 AG25 **POTOMAC** (ex-AT50) (stricken).  
 S76-1 Pots, dash, mine-anchor, mines.  
 S75-1 Pots, oil and torch, torpedo.  
 S51-3 Pots, salinometer, boilers.  
 S58-4 Pots, salinometer, distilling plant.  
 S48-24 Pots, salinometers, valves.  
 S92 Pots, solder.  
 DD538 **POTTER, STEPHEN**.  
 A6-4 Pouch service, mail.  
 S79-3 Pouches, gunner's machine gun.  
 S92 Pouring shank.  
 S78 Powder, ammunition, boxes, tanks.  
 S72-10 Powder-car latches, turret guns, chutes.  
 S86-3 Powder charges, dummy and drill.  
 S32-6 Powder engineers, aerological, laboratories and testing rooms.  
 NP8 Powder factory, Indian Head, Md.  
 N6-58 Powder house.  
 S72-10 Powder-passing scuttles, turret guns.  
 S78 Powder-tank trucks, handling and stowage of ammunition.  
 S73-4 Powder trays, broadside guns.  
 AMc96 **POWER**.  
 L10-3 Power, accounting for.  
 L13-1 Power of attorney (insurance and bonding).  
 HQ Power Commission, Federal.  
 F36 Power, electric.  
 S63 Power, electric, application.  
 S62 Power, electric, distribution.  
 S69 Power factor meter.  
 YX15 **POWER FLOAT 24** (stricken).  
 YSR2 **POWER FLOAT 25** (ex-YX16).  
 S61 Power generators, electric, except electric drive.  
 F36-2 Power leads, electric power.  
 S41-4 Power leads, gear, electric drive, hand and turning.  
 S62-2 Power leads, wiring and appliances for switchboards.  
 S72-2 Power panels and motor controls, turrets.  
 N23-7 Power plants, generating.  
 N7-7 Power plants, structures.  
 S75-1 Power plants, torpedo.  
 N7 Power, pumping and gas-generating-plant structures.  
 F27-4 Power pumps, fuel systems.

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N26 Power systems, electric, hydraulic and piping.  
 A6-2 Power, transmission, radio.  
 N26 Power wiring and piping.  
 A3-1 Powers, duties and functions (organization and management).  
 A17 Powers, particular courts and boards, law and justice.  
 YT128 **POWHATAN.**  
 NX21 Poyners Hill, N. C., radio direction-finder station.  
 A17-6 Practice before departments, attorney.  
 P14-4 Practice cruise, enlistment for.  
 S86 Practice and instruction apparatus.  
 S88-3 Practice instruction and reports of practices, damage control.  
 A5 Practices, competitions, exercises.  
 AD5 **PRAIRIE** (stricken).  
 AD15 **PRAIRIE** (new).  
 IX15 **PRAIRIE STATE** (ex-BB7; ex-Illinois).  
 P2-1 Pratique, quarantinable disease.  
 DM20 **PREBLE** (ex-DD345).  
 A2-13 Precautions, safety (executive action).  
 L9-7 Precautions and orders, safety devices.  
 P17 Precedence, rank and promotion.  
 L9-3 Precedence of work.  
 A2-15 Precedents, decisions, opinions, and criticisms (executive action).  
 A17 Precept, board of investigation, courts-martial procedure.  
 P16-3 Precepts, assignment and detail.  
 S91-2 Precision lathes, cabinet type.  
 JJ46-13 Precious metals (bullion).  
 A5-9 Predicted scores, gunnery exercises, ships.  
 S75-1 Preheaters, torpedo.  
 F8-2 Preliminary acceptance trials.  
 S8-2 Preliminary acceptance trials.  
 F1-2 Preliminary design.  
 S78-1 Premature firing ammunition.  
 L13-2 Premiums, insurance and bonding.  
 SS210 **PRENADIER.**  
 S78-1 Preparation of ammunition, instructions for.  
 S4 Preparation for building or overhaul.  
 N4-4 Preparation buildings for food.  
 L4 Preparation of contracts and schedules.  
 S88-1 Preparation, damage control books.  
 A18-1 Preparation of, and hearings on, bills, legislation  
 F4 Preparation incident to building.  
 F6-1 Preparation, launching, docking, and mooring.  
 L6-2 Preparation of payments, disbursing and public bills.  
 S19-4 Preparation processes.  
 A10-1 Preparation of publications.  
 L8-2 Preparation of requisitions.  
 L21-3 Preparation of shipments.  
 S6 Preparation of way, launching.  
 A5-9 Preparedness, inspections, drills, gunner, ships and aircraft.  
 A16-1 Preparedness, preparations for war.  
 L22-3 Presents, rewards, gifts, to individuals.  
 L9 Preservation, care and storage.  
 F38-4 Preservation coatings, temporary.  
 A6-6 Preservation of records.  
 S19 Preservative coatings.  
 ASR8 **PRESERVER.**

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F49-6 Preservers, life.  
 S33-6 Preservers, life.  
 S35 Press, bosom, laundry.  
 S91-2 Presses, drill.  
 AP38 **PRESIDENT ADAMS.**  
 AP39 **PRESIDENT HAYES.**  
 AP37 **PRESIDENT JACKSON.**  
 EE1 President, The.  
 GJ1-1 President and President pro tempore, Senate.  
 A17-11 President, qualifications and duties of, courts-martial.  
 A2-8 Presidential decrees.  
 A7-1 Press, Navy radio.  
 EA5 Press service, Department of Agriculture.  
 S35 Press, universal laundry.  
 F21-1 Pressure bafflers.  
 F1-2 Pressure distribution.  
 F31-1 Pressure gauges.  
 S87 Pressure gauges.  
 S45-4 Pressure guns, lubricating.  
 S51-1 Pressure parts, boiler.  
 F27-2 Pressure regulators, fuel piping.  
 F37-2 Pressure system, auxiliary.  
 F18-2 Pressure tubes, nonrigid gas envelopes.  
 AMc97 **PRESTIGE.**  
 DD327 **PRESTON** (stricken).  
 DD379 **PRESTON** (new).  
 ADV7 **PRESTON, WILLIAM B.** (ex-DD344).  
 AM107 **PREVAIL.**  
 F32 Preventer lines, control system.  
 P2-3 Prevention and restriction of insects and diseases.  
 P2 Preventive medicine.  
 NX9 Prices Neck, R. I., radio direction-finder station.  
 L4-2 Prices and price lists; price fixing.  
 L11-3 Prices and price revisions of material in store.  
 DD561 **PRICHETT.**  
 S51-5 Pricker bars, boiler furnace.  
 P9-3 Primaries.  
 F24-5 Primer.  
 S78 Primer boxes, caps, gun-cotton, ammunition.  
 S72-4 Primer, firing lock, guides, seats, turret guns.  
 S73-1 Primer, firing lock, gauge, seats, broadside guns.  
 N6-65 Primer and fuse storehouse.  
 F38-2 Primer, paint.  
 N5-31 Primer shop.  
 S76-2 Primers, depth charge and mines.  
 S86-3 Primers, drill.  
 DD477 **PRINGLE.**  
 S85 Print washers and dryers, photography.  
 F33-1 Printator, I. C.  
 MA Printers, enlisted.  
 A10-1 Printing and binding.  
 N36-8 Printing and binding, machinery, shore.  
 F44-3 Printing and developing, photography.  
 S32 Printing machinery and office.  
 GP Printing Office, Government.  
 S85 Printing, photography and rooms.  
 N5-66 Printshop.  
 L4 Principles and regulations for Navy purchasing and cancellation of contracts.

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P11-1 Proficiency at school.  
 L18 Profiteering.  
 L10-6 Profits (accounting).  
 L14-1 Profits, excess, tax.  
 L12-2 Profits, relation of, to investments.  
 P3-5 Prognosis.  
 S85-1 Program (film) motion picture.  
 A1-3 Programs, building.  
 AMc98 **PROGRESS.**  
 P11-1 Progress and mental development in schools, examination  
       of.  
 L9-3 Progress of repairs and alterations.  
 L6 Progress reports, ships, building, and payments.  
 S8-2 Progressive trials.  
 ET18 Prohibition Bureau, agents and inspectors.  
 L18 Prohibition of bumboating.  
 L8-3 Project orders.  
 H4-4 Projects, experimental and development, meteorology.  
 A1 Projects, plans, policies.  
 A5-9 Projectile, angle of fall.  
 S72 Projectile carriers, and trays, turret guns.  
 S73-1 Projectile extractors, seating and trays, broadside guns.  
 S78 Projectiles, ammunition and boxes.  
 S79-4 Projectiles, mortar, stokes.  
 S70-1 Projectiles, pyrotechnic signals.  
 N39-1 Projector lights, ceiling, air station.  
 S71-8 Projectors, course and range, fire control.  
 S76-2 Projectors, depth charge.  
 AR3 **PROMETHEUS.**  
 P7 Promise, breach of.  
 P14-4 Promises to recruits.  
 P1-5 Promotion and enlistment, physical requirements.  
 P17 Promotion, precedence and rank.  
 P13-9 Promotion, suspension from, punishment.  
 L11-4 Promotions of sales.  
 L6-1 Prompt deliveries.  
 A17-2 Promulgation of laws.  
 A17-15 Proof, evidence, court-martial.  
 S73-1 Proof, guns and mounts, broadside guns.  
 N5-30 Proof shop.  
 S78-1 Proof-shot projectiles, ammunition.  
 A10-1 Proofs and proofreading (printing).  
 A7-1 Propaganda.  
 S17-1 Propeller booms and fittings.  
 S43-1 Propeller clutch and shaft.  
 S12-5 Propeller guards.  
 F48-3 Propeller hoists.  
 F22-1 Propeller hub transmission.  
 F21-1 Propeller hubs, engine group.  
 S43-1 Propeller shafts.  
 N5-39 Propeller shop.  
 F23-1 Propeller spinners.  
 S11-8 Propeller strut casting.  
 F23 Propellers.  
 S44 Propellers.  
 F48-2 Propellers anti-icing fluid.  
 F23-7 Propellers and balancing machines.  
 S75-1 Propellers, torpedo.  
 S72-1 Proper turret.

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L10-5 Property, investment, assets (accounting).  
 L19 Property lost by individuals.  
 P13-5 Property, offense against.  
 A2-14 Property passes.  
 L5-3 Property, real, inspection of.  
 L11-2 Property returns.  
 L22-3 Property, rewards for recovery of.  
 A14-2 Property rights, international (not commercial).  
 L14-1 Property tax.  
 P2-3 Prophylaxis.  
 F1-2 Proportions, design.  
 L21-2 Proposals of new transportation lines and routes.  
 L4-2 Proposals, schedules, bids, and awards (purchasing).  
 L4-2 Proprietary articles, methods of purchase.  
 S19-6 Proprietary compound, tallow, linseed oil.  
 S14-2 Proprietary composition, deck coverings.  
 L8-2 Proprietary requisitions.  
 S41-4 Propulsion cables, electric drive.  
 F49-8 Propulsion sails, emergency.  
 P5-2 Prosthetic dentistry.  
 P13-6 Prostitution, houses of.  
 S43-1 Protecting rings, shafting.  
 N27 Protection from fire, shore.  
 N25-1 Protection from fire, storage of water for.  
 S11-5 Protection and flameproof casings.  
 N19-11 Protection from lightning, buildings.  
 S81 Protection, mine, torpedo, bomb and splinter (other than structural).  
 A16-1 Protection of seacoast.  
 L9-1 Protections, fire, of ships.  
 S81-8 Protective devices.  
 S76-1 Protective devices, electric, mine.  
 FE12 Protective force.  
 F41-13 Protective material and armor.  
 S16-3 Protective or splinter doors.  
 EF13-36 Protectorate, the British West Africa.  
 P2-3 Protectors, dust, ear and eye (preventive medicine).  
 S12-5 Protectors, hull.  
 P8-5 Protests, petitions, remonstrances and complaints (social relations).  
 AC9 **PROTEUS** (stricken).  
 AS19 **PROTEUS** (new).  
 A14-7 Protocols, international.  
 F49-7 Protractors.  
 S24-7 Protractors.  
 S71-8 Protractors, course, fire control appliances and apparatus.  
 CL82 **PROVIDENCE**.  
 EN6-38 Providence, R. I., inspector of ordnance, American Oerliken Gazda Co.  
 EN9-100 Providence, R. I., navy cost inspector, Oerliken Gazda Co.  
 NL3 Providence, R. I., recruiting station.  
 NE4 Provincetown, Mass., trial course.  
 NP9 Proving ground, Dahlgren, Va.  
 S30-3 Provision stowage.  
 P14-2 Provisional appointments.  
 JJ56 Provisions, general mess and commissary stores.  
 EN9-21 Provisions, inspector of.  
 A17 Provost courts, law, justice.

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P16-5 Provost guards.  
 DM22 **PRUITT** (ex-DD347).  
 P3-3 Psychiatry.  
 N9-1 Psychopathic (neuropsychiatric wards).  
 S24-7 Psychrometer.  
 L6-2 Public bills.  
 GD Public Buildings, District of Columbia, Office of Superintendent.  
 QO Public Buildings, Federal.  
 ET12 Public Health Service.  
 A7-1 Public opinion, press.  
 P13-5 Public property, offenses against and waste of.  
 A15-2 Public receptions.  
 EA20 Public Roads, Bureau of, Department of Agriculture.  
 A1-4 Public Works building program.  
 A9-14 Public works data book.  
 ON9 Public-works officer.  
 N5-76 Public-works shops.  
 EL16 Publication Branch, Department of the Interior.  
 A10 Publications.  
 H1-3 Publications, charts and hydrographic.  
 L3 Publications, circular, etc., advertising.  
 A7-3 Publications, confidential, secret and registered.  
 EA17 Publications, Division of, Department of Agriculture.  
 EC4 Publications, Division of, Department of Commerce.  
 ES10 Publications, Division of, State Department.  
 P12-2 Publications, religious.  
 EL3 Publications and Supplies, Department of Labor.  
 P11-2 Publications that make up libraries (educational system).  
 KR4 Publicity Bureau, marine recruiting corps.  
 A7 Publicity and censorship.  
 CA7 **PUEBLO** (stricken).  
 NR66 Puerto O'Baldio, Panama, radio-traffic station.  
 CB5 **PUERTO RICO**.  
 EG55 Puerto Rico.  
 EW19 Puerto Rico Government, War Department.  
 EI31 Puerto Rico Reconstruction Administration.  
 SS268 **PUFFER**.  
 AMc29 **PUFFIN**.  
 AV13 **PUGET SOUND**.  
 NTI-9 Puget Sound, Wash., ammunition depot.  
 KP91 Puget Sound, Wash. (Bremerton), ammunition depot, marine detachment.  
 KP92 Puget Sound, Wash. (Bremerton), marine barracks detachment.  
 KP93 Puget Sound, Wash. (Bremerton), marine guard company.  
 KP90 Puget Sound, Wash., marine post.  
 NH14 Puget Sound, Wash. (Bremerton), naval hospital.  
 NM12 Puget Sound, Wash., naval receiving station.  
 NY8 Puget Sound, Wash. (Bremerton), navy yard.  
 NT4-37 Puget Sound, Wash. (Indian Island), naval net depot.  
 NR77 Puget Sound, Wash. (Keyport), radio-traffic station.  
 NE13 Puget Sound, Wash., trial course (Vashon Island).  
 F32-3 Pulleys, bearings, aileron control.  
 S54-3 Pulleys and brackets, coal and ash handling.  
 N31-10 Pulleys, hoists, triplex blocks, etc.

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S91-2 Pulleys, shafting, belting, and hangers, workshops.  
 F11-1 Pulleys for surface control loads, wing.  
 S82 Pulling dories.  
 S65 Pulls and gongs, engine and anchor, interior communication.  
 S32-9 Pulpits, portable.  
 S47 Pulsometer.  
 S29-8 Pump, air testing.  
 S65-4 Pump alarm systems.  
 S24-9 Pump and dry air motor.  
 S47 Pump rooms.  
 N16-2 Pump wells, drydock.  
 Y056 **PUMPER.**  
 S48-1 Pumping and drainage systems.  
 N23-7 Pumping plants.  
 N7 Pumping, power, and gas-generating plant structures.  
 S49 Pumps, air plant.  
 F48-2 Pumps, anti-icing equipment.  
 S46 Pumps, condensing.  
 S59-1 Pumps, contained, ice machine.  
 S58 Pumps, distillers.  
 N27-7 Pumps, fire protection.  
 N16 Pumps for floating and draining drydocks.  
 F21-1 Pumps, fuel, engine, main propelling machinery.  
 S55 Pumps, fuel oil.  
 F27 Pumps, fuel systems.  
 S45-1 Pumps, lubricating.  
 S75-1 Pumps, oil, torpedo.  
 F24-5 Pumps, primer.  
 S59 Pumps, refrigeration system.  
 S22 Pumps, steering gear.  
 S76-2 Pumps and hydraulic control, depth charges.  
 F28-3 Pumps, water and air, condensers.  
 S18-2 Punch mats.  
 S92 Punch and shear.  
 P13-9 Punishment.  
 S82-18 **PUNTS**  
 JL Purchase account material, appropriation (A. P. A.).  
 P19-1 Purchase discharge.  
 EP4 Purchasing Agent, Post Office Department.  
 EN9 Purchasing Offices, general and disbursing.  
 L4 Purchasing, purchases abroad.  
 S38-1 Purifiers, air.  
 S56-3 Purifiers, feed-water.  
 S45-3 Purifiers and separators (lubricating oil).  
 N4-10 Purposes, athletic, and physical instructions, buildings for.  
 AM108 **PURSUIT.**  
 S65-4 Push buttons.  
 F21-1 Push rods, engines.  
 N34-15 Pushcarts and wheelbarrows.  
 DD287 **PUTNAM** (stricken).  
 DD537 **PUTNAM** (new).  
 NC102 Puuloa (Pearl Harbor), T. H., fleet machine gun school.  
 F32 Pylons, control system.  
 AE1 **PYRO.**  
 S69 Pyrometers, electric.  
 S87 Pyrometers, nonelectric.  
 F36-9 Pyrotechnic signal lights.  
 A6-3 Pyrotechnic signaling, communications.  
 N6-72 Pyrotechnic storehouse.

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F41-15 Pyrotechnics lights.  
S70-1 Pyrotechnics (sight-signaling).

## Q

S22 Quadrants or yoke, crosshead rudder.  
S71-8 Quadrants, gunners, fire-control.  
AM15 **QUAIL**.  
A5-9 Qualifications (gunnery exercises).  
P14-2 Qualifications for appointment.  
A17-11 Qualifications; duties (courts-martial procedure).  
P1-4 Qualifications, naturalization.  
P9-3 Qualifications to vote.  
L2-1 Quality, specifications (logistic).  
KV1 Quantico, aviation detachment, marine.  
KP95 Quantico, Va., barracks detachment.  
KA1 Quantico, Va., Fleet marine force.  
KP94 Quantico, Va., marine post.  
KH2 Quantico, Va., marine post exchange.  
NH28 Quantico, Va., naval hospital.  
NR31 Quantico, Va., radio-traffic station.  
KP96 Quantico, Va., rifle-range detachment.  
KP97 Quantico, Va., school detachment.  
KP98 Quantico, Va., supply detachment.  
F1-4 Quantity, contract.  
P2-1 Quarantine.  
N9-1 Quarantine barracks and quarters.  
P13-2 Quarantine, offenses in connection with.  
A2-7 Quarantine regulations.  
QS8 Quarantine ships.  
ET12-1 Quarantine stations.  
P13-4 Quarrelling (misconduct and discipline).  
L1-2 Quarterly allotments to ships.  
S3-1 Quarterly inspection.  
P20-2 Quarterly marks, personnel records.  
A9-3 Quarterly reports.  
EN1-10 Quarterly survey office.  
MS Quartermaster, enlisted.  
EW12 Quartermaster, general, Army.  
KS9 Quartermaster, Marine Corps.  
ML2 Quartermaster sergeant, Marine Corps.  
N4-9 Quartermaster's school building.  
N6-55 Quartermaster's storehouses.  
N4-1 Quarters.  
S33 Quarters.  
P18-1 Quarters, absence from.  
L16-7 Quarters, allowance for.  
N4-16 Quarters, etc., outbuildings for.  
L16-7 Quarters, Government, civilian employees occupying.  
F15-4 Quarters, officers' and crew.  
N9-1 Quarters, quarantine, and for sick officers.  
S71-8 Quartz for optical instruments, fire-control.  
N15-3 Quay walls.  
EF13-45 Queensland (British).  
DD490 **QUICK**.  
N5-29 Quilting shop.  
EN9-85 Quimby Pump Co., Newark, N. J., navy cost inspector.  
CA39 **QUINCY**.

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EN9-27 Quincy (Boston), Mass., navy cost inspector, Bethlehem Steel Co.  
 EN25-7 Quincy, Mass., supervisor of shipbuilding, Bethlehem Steel Co.  
 EN8-2 Quincy, Mass., inspector of machinery.  
 EN6-2 Quincy, Mass., inspector of ordnance.  
 EN7-4 Quincy, Mass., superintending constructor.  
 PG40 QUIROS.  
 KP141 Quonset Point, R. I., marine barracks.  
 NA43 Quonset Point, R. I., naval air station.  
 A17-11 Quorum of members of officers of United States Naval Reserve Force or Coast Guard, etc. (courts-martial).  
 P14-4 Quota, recruiting.

## R

SS78 R-1.  
 SS79 R-2.  
 SS80 R-3.  
 SS81 R-4.  
 SS82 R-5.  
 SS83 R-6.  
 SS84 R-7.  
 SS85 R-8. (stricken).  
 SS86 R-9.  
 SS87 R-10.  
 SS88 R-11.  
 SS89 R-12.  
 SS90 R-13.  
 SS91 R-14.  
 SS92 R-15.  
 SS93 R-16.  
 SS94 R-17.  
 SS95 R-18.  
 SS96 R-19.  
 SS97 R-20.  
 SS98 R-21 (stricken).  
 SS99 R-22 (stricken).  
 SS100 R-23 (stricken).  
 SS101 R-24 (stricken).  
 SS102 R-25 (stricken).  
 SS103 R-26 (stricken).  
 SS104 R-27 (stricken).  
 EN25-39 R. T. C. Ship Building Corporation, Camden, N. J., supervisor of shipbuilding.  
 P1-4 Race, genealogy.  
 A5-14 Races, aircraft.  
 P10-1 Races, boat.  
 S78-3 Racks, bombs, cranes, and gear.  
 S82-12 Racing cutters.  
 S33-6 Racks, ditty boxes, table-leaf.  
 S93 Racks, fire hose.  
 S70-2 Racks, flags.  
 S37-2 Racks, glass and bottle.  
 S32-9 Racks, hooks, drawers, shelves, and office.  
 S30-3 Racks, oar.  
 S34-2 Racks, pan, kettle, plate, glass, and cup.  
 N32-3 Racks, plate, and balancing machines, research testing apparatus, ashore.  
 S36-5 Racks, and reels, wash deck hose.

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F16-12 Racks, sand ballast system.  
 S92 Racks and shelves, tool.  
 F41-9 Racks, torpedoes, bombs.  
 S72-2 Racks, turret-turning.  
 NU Radar stations.  
 AG22 **RADFORD** (ex-DD120) (stricken).  
 DD446 **RADFORD** (new).  
 S72-4 Radial expansion process, turret guns.  
 AMc99 **RADIANT**.  
 EBS Radiation and organisms, Smithsonian.  
 S38-2 Radiator, heating, steam.  
 F26-2 Radiator, lubricating oil.  
 F25-1 Radiator, water-cooling system.  
 F42-1 Radio.  
 S67 Radio apparatus and booths.  
 H2-20 Radio beacons.  
 A6-2 Radio broadcasting.  
 L10-7 Radio, commercial and wire traffic accounts.  
 EC16 Radio commissioners, Bureau of Commerce.  
 A6 Radio communication.  
 NC74 Radio, communications, signal, yeomen, storekeepers,  
     cooks and bakers, naval training schools.  
 N11-3 Radiocompass building.  
 A5-11 Radio competition.  
 S75-1 Radio-controlled torpedoes.  
 EN9-129 Radio Corp. of America, Camden, N. J., navy cost inspector.  
 NX Radio direction-finder station.  
 EC18 Radio Division, Department of Commerce.  
 OW17 Radio electrician.  
 OW16 Radio electrician, chief.  
 NC111 Radio engineering, naval training school (officers).  
 A6-2 Radio, international accounts and interference.  
 N8-6 Radio laboratories.  
 ON21 Radio material officer.  
 A6-2 Radiophone broadcasting.  
 S91-1 Radio repair shop.  
 N4-9 Radio school building.  
 F21-1 Radio shielding, engine.  
 NP22 Radio and sound laboratory, San Diego, Calif.  
 QV Radio stations other than Navy.  
 N6-23 Radio storehouses.  
 S30-1 Radio storeroom.  
 N11 Radio structures and equipment.  
 S67 Radio structures and equipment.  
 EP7 Radio, Superintendent, of Post Office Department.  
 A6-2 Radio, tests, television, tracking, and wave lengths.  
 NC75 Radio trade school, Jacksonville, Fla.  
 NR Radio traffic stations, naval.  
 KP99 Radio, Va., marine post.  
 MA Radioman.  
 JJ46-11 Radium.  
 F38-2 Radium luminous paints.  
 P3-3 Radium treatment.  
 A5-7 Radius, cruising (actual performance).  
 S82-20 Rafts, life.  
 H3-3 Rafts, obstructing navigation.  
 QT Rafts, target.  
 FE20 Raiding force.  
 A16-3 Raids (war).

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AM26 **RAIL.**  
 S12-2 Rail and awning stanchions and life rails.  
 L21-1 Rail shipments.  
 L20-1 Rail transportation.  
 EV Railroad Administration, United States.  
 EK Railroad Labor Board, United States.  
 L20-5 Railroad rates, land-grant.  
 N13-7 Railroad turntables.  
 S33-6 Rails, bag.  
 S73-2 Rails, depression, broadside guns.  
 S16-6 Rails, foot, turret and smokestack.  
 S12-2 Rails, guard and pin.  
 S54-1 Rails or tracks, coaling.  
 F45-5 Rails, trolleys, carriages, docking.  
 S72-3 Rails, turret.  
 EP7 Railway Mail Service, Post Office Department.  
 N17 Railways, marine  
 AS7 **RAINBOW** (stricken).  
 AE5 **RAINIER.**  
 F41-10 Rakes.  
 S51-5 Rakes, boiler furnace.  
 A5-9 Rakes (gunnery exercises).  
 S71-8 Rakes, spotters, fire-control.  
 CL7 **RALEIGH.**  
 NL16 Raleigh, N. C., recruiting station.  
 P9-1 Rallies, political.  
 DD390 **RALPH TALBOT.**  
 S22 Ram, steering gear.  
 AO12 **RAMAPO.**  
 S74-1 Rammers, antiaircraft guns.  
 S92 Rammers, bench.  
 S73-4 Rammers, broadside guns.  
 S72-11 Rammers, turret guns.  
 S22 Rams and cylinders, hydraulic (for operating rudders).  
 DM16 **RAMSAY** (ex-DD124).  
 CV15 **RANDOLPH.**  
 FG15 Randolph air group.  
 A5-9 Range (gunnery exercises).  
 S13-4 Range-finder hook.  
 P16-3 Range-finder operators, detail as.  
 H2-9 Range-finder signals and stations.  
 S34-2 Range, galley.  
 S71-1 Range and revolution converters (fire control).  
 CV4 **RANGER.**  
 CC4 **RANGER** (stricken).  
 FG4 Ranger air group.  
 N20-11 Ranges (structures).  
 H2-2 Ranges and beacons (other than radio and aerial) (navigation aids).  
 N12-2 Ranges and butts, rifle.  
 F34-3 Ranges, galley.  
 H2 Ranges, magnetic survey, target, torpedo, navigating.  
 S86-6 Ranges, rifle, on shipboard.  
 N37-6 Ranges and stoves, household.  
 N38-6 Ranges and stoves, nonhousehold.  
 N20 Ranges, structures for navigational aids.  
 A5-9 Range tug, gunnery exercises.  
 S73-1 Ranging data, broadside gun.  
 A5-9 Ranging data, drills.

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P72-4 Ranging data, turret gun.  
 P17 Rank, precedence and promotion.  
 P13-9 Rank reduction in, punishment.  
 AO18 **RAPIDAN.**  
 KP125 Rapidan, Va., Marine camp.  
 AF6 **RAPPAHANNOCK** (stricken).  
 AOG2 **RAPPAHANNOCK** (new).  
 EW27-9 Raritan Arsenal (Army).  
 NC59 Raritan Arsenal, N. J., aircraft instrument school.  
 SS269 **RASHER.**  
 S36-6 Rat protection.  
 F31-1 Rate of climb indicator.  
 L10-6 Rates, billing at average, expenses (accounting)  
 L21-2 Rates and charges, shipment.  
 L23 Rates of exchanges, foreign currency.  
 L13-2 Rates, insurance.  
 L16-4 Rates of pay.  
 A6-4 Rates, postage, United States radio service.  
 L20-5 Rates, travel.  
 DD113 **RATHBURNE.**  
 P17 Rating.  
 P13-9 Rating, reduction in, punishment.  
 L16-8 Rations and allowances.  
 S18-1 Ratlines and rods, rigging.  
 SS270 **RATON.**  
 S67 Rat-tail and tube, and hull casting (radio).  
 AM55 **RAVEN.**  
 SS271 **RAY.**  
 N25-4 Ray, violet, sterilizer.  
 F21-3 Reach rods, connections, and fittings, engine.  
 S48-24 Reach rods, valve.  
 S69 Reactive-factor meters.  
 DD526 **READ, ABNER.**  
 L9-3 Readiness for sea, alterations.  
 S3-1 Readiness for war.  
 F3-1 Readiness for war, material.  
 S24-7 Reading glass, captain's.  
 F49-7 Reading glasses.  
 P13-7 Reading matter, obscene.  
 S33-4 Reading room, crew.  
 S78-3 Ready-service stowage, ammunition.  
 A5-2 Ready torpedoes, torpedo exercises.  
 L5-3 Real property, inspection of.  
 F29-1 Reamers, bearing.  
 P14-2 Reappointments.  
 OL3 Rear admirals.  
 P9-2 Rebellions.  
 L11 Receipts, custody (appreciation, depreciation and dis-  
 position).  
 P13-3 Receipts, fraudulent.  
 L6 Receipts, payments, and deliveries.  
 L10-5 Receivable accounts, accounting.  
 L6-2 Receivable bills.  
 S41-2 Receiver, and receiver piping, engines.  
 F42-1 Receiver sets, radio.  
 S71-1 Receivers, main battery (fire-control).  
 N9-4 Receiving buildings, hospital.  
 N11-2 Receiving buildings, radio.  
 S67 Receiving cabinets in booths (radio).

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P13-8 Receiving or entertaining a deserter.  
 S68 Receiving equipment, under water sound.  
 P13-5 Receiving merchandise on board without authority.  
 S30-1 Receiving room.  
 N4-2 Receiving ship ashore.  
 NM Receiving ships and barracks.  
 L21-6 Receiving and shipping facilities at navy yards.  
 S62-2 Receptacles, and plugs, water-tight, electrical distribution.  
 S33 Reception room.  
 A15-2 Receptions, public.  
 P8-3 Receptions, social.  
 S24-7 Reckoning tracer equipment, dead.  
 P14-5 Recess appointments of commissions.  
 S50-3 Reciprocating engines, auxiliary.  
 S41-2 Reciprocating engines, main.  
 N5-70 Reclaiming (oil) plants.  
 E117 Reclamation service.  
 L11-1 Reclamations and replacements, casualties and salvage.  
 P17-2 Reclassification.  
 L16-2 Reclassification of salaries.  
 F36-9 Recognition or identification, lights.  
 S64-5 Recognition lights, electric.  
 S70-1 Recognition sets, submarine.  
 S74-2 Recoil cylinders, antiaircraft-gun mounts.  
 S73-2 Recoil cylinders, broadside mounts.  
 S72-5 Recoil cylinders, liquid, turret gun slide.  
 P14 Recommendations for appointment.  
 P15 Recommendations for commendations.  
 P14-5 Recommissions.  
 S94 Recompression chamber, salvage.  
 H1-18 Reconnaissance, surveys.  
 A16-3 Reconnaissance, warfare operations.  
 E131 Reconstruction Administration, Puerto Rico.  
 P4-4 Reconstruction of wounded and cripples.  
 EN1-11 Record division, secretary's office, Navy Department.  
 S1-7 Record of electrical appliances.  
 F44-3 Record, photography.  
 A17 Record of proceedings (law; justice).  
 A17-16 Recordation of findings, courts-martial.  
 F31-4 Recorder, air-speed.  
 S51-5 Recorder, boiler.  
 S24-7 Recorder, course.  
 S71 Recorder, depth, roll, and performance instruments.  
 S29-5 Recorder, roll and pitch.  
 S65-5 Recorders, autographic (telautographic, etc.).  
 S85-1 Recording camera, AA, Photography.  
 S87 Recording guages.  
 F31-4 Recording tachometer.  
 P1-5 Records and charts, identification, criminal.  
 A6-6 Records, (files).  
 P3-5 Records, health.  
 P20-2 Records, personnel.  
 L10-3 Records, reports and work, cost of (accounting).  
 A12-1 Records, war.  
 S83-4 Recovering devices, airplane.  
 P6-3 Recovery of dead.  
 F13-3 Recovery hook, landing gear.  
 L22-3 Recovery of property, rewards for.  
 P10 Recreation.

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NH24-1 Recreation health camp, Bagino, T. H.  
 S33-6 Recreation and rest benches, crew's.  
 N4-8 Recreational and amusement buildings.  
 P14-4 Recruiting.  
 N10 Recruiting bureau, Navy.  
 P16-3 Recruiting duty.  
 KR Recruiting stations, Marine Corps.  
 NL Recruiting stations.  
 P19-1 Recruits, discharge of.  
 P14-4 Recruits, rejection of.  
 S73-2 Recuperator system, broadside mounts.  
 S72-5 Recuperator system, turret gun slides.  
 HJ Red Cross, American National.  
 N4-7 Red Cross Building.  
 S70-1 Red lights, signal.  
 SS272 **REDFIN.**  
 N12-3 Redoubts (military structures).  
 S93 Reducers and couplings, fire hose.  
 F32-1 Reducing gearing, rudder control.  
 S48-24 Reducing valves.  
 S75-1 Reducing valves, torpedo.  
 P17-2 Reduction of employees.  
 P19-4 Reduction of force, demobilization.  
 P16-1 Reduction of force, personnel.  
 S42 Reduction gear, cruising and main turbines, main propelling.  
 S65-5 Reduction-gear indicators.  
 F24 Reduction-gear, starters.  
 A17-11 Reduction of membership below quorum, courts-martial.  
 P17-2 Reduction in rank.  
 P13-9 Reduction in rank or rating, punishment.  
 F22-1 Reduction and reversing gears, engine transmission.  
 AM48 **REDWING** (stricken).  
 ARS4 **REDWING** (new).  
 YN25 **REDWOOD.**  
 AMc30 **REEDBIRD.**  
 N9-1 Reeducational wards.  
 H1-10 Reefs, rocks, shoals, and bands.  
 F41-10 Reels.  
 S26-4 Reels, lines and ropes, mooring.  
 S81-1 Reels, mine protection.  
 S93 Reels and racks, fire hose.  
 S36-5 Reels, racks, wash deck hose.  
 P14-4 Reenlistment.  
 S13-2 Reentrant port, armor.  
 S73-2 Reentrant ports, broadside mounts.  
 P14-2 Reexamination for appointment.  
 F29-1 Refacing and reseating equipment, valve, tools  
 JJ7-9 Refineries, oil.  
 N5-28 Reforming plant.  
 S59 Refrigerating plant.  
 S65-5 Refrigerating room, signals, temperature indicators.  
 N25 Refrigerating, water.  
 F34-3 Refrigerators.  
 N30-8 Refrigerator cars.  
 S34-2 Refrigerators, electric, commissary, messing.  
 N38-5 Refrigerators, ice boxes, and display cases, nonhousehold.  
 N37-5 Refrigerators, ice boxes, household.  
 P9-2 Refugees.

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L6-2 Refunds (disbursing).  
 P14-2 Refusals of appointments.  
 JR Refuse materials, general.  
 P13-2 Refusing or failing to help; refusing obedience.  
 KB3 Regimental bands, marine.  
 N3-1 Regimental buildings.  
 N6-55 Regimental quartermaster's building.  
 EB7 Regional Bureau for the United States, Smithsonian.  
 A9 Register, American Bureau of Shipping; Lloyd's.  
 P14-2 Register of eligibles.  
 ET9 Register of the Treasury.  
 A6-4 Registered mail.  
 EP8 Registered mail, Post Office Department.  
 A7-3 Registered publications, secret, confidential.  
 S55-4 Registers, air and shutters, fuel oil.  
 P17-3 Registers, official.  
 P14-6 Registration, draft.  
 P17-2 Regrading.  
 AM109 **REQUISIT.**  
 L4-1 Regular dealers (purchasing).  
 P17-1 Regulars and reserves, precedence between.  
 S29-1 Regulating.  
 S48 Regulating tanks and valves.  
 A5-9 Regulation drills.  
 P6-6 Regulation headstones, and footstones.  
 L20-5 Regulation of rates, (passenger travel).  
 A2 Regulations, executive.  
 A6-4 Regulations, postal.  
 L4-2 Regulations and principles governing purchasing.  
 L21 Regulations of rates and routes (freight and cargo).  
 A5-6 Regulations, small arm firing.  
 S49 Regulators, air compressor.  
 S51-3 Regulators, dampers, draft and feed, boiler.  
 S48-23 Regulators and governors, pipe fittings, tank.  
 F26-2 Regulators, lubricating oil.  
 F49-1 Regulators, oxygen.  
 F27-2 Regulators, pressure fuel piping.  
 S62-2 Regulators, voltage, electric distribution.  
 AK14 **REGULUS.**  
 S80 Regunning, general.  
 S72-4 Regunning, turrets.  
 P4-4 Rehabilitation (personnel).  
 A5 Rehearsals, torpedo exercise.  
 S48-23 Reheaters (other than in boilers).  
 DD292 **REID** (stricken).  
 DD369 **REID** (new).  
 L6-2 Reimbursements.  
 L16-9 Reimbursements of allowances.  
 L1-1 Reimbursement of appropriations.  
 L19 Reimbursements for lost personal effects.  
 L11 Reimbursements, transfers, with and without.  
 IX25 **REINA MERCEDES.**  
 YT115 **REINDEER.**  
 F15-1 Reinforcement over propellers.  
 F13-4 Reinforcements for catapulting.  
 P14 Reinstatement.  
 P6-4 Reinterment and removals.  
 P19-1 Rejected recruit, discharge.  
 P14-4 Rejection of applicants for enlistment.

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L6-1 Rejection of deliveries.  
 P7 Relations, domestic.  
 P9 Relations, political.  
 P8 Relations, social.  
 P17-1 Relative rank.  
 S65-7 Relay stations, sound proof, I. C.  
 S48-23 Relay tanks.  
 S71-1 Relay voice-tube station, main battery.  
 P19-4 Release from active duty, Naval Reserve Force.  
 F17-2 Release gear, car suspension.  
 L11-3 Release of material.  
 A17-7 Released on bail.  
 L4-3 Releases, contract.  
 L6-1 Releases, deliveries.  
 S82-1 Releasing gear, boat.  
 F41 Releases and release controls, ordnance.  
 F27-1 Releasing devices, fuel tanks.  
 A17-15 Relevance of proof, courts-martial.  
 AMc100 **RELIABLE.**  
 A12-2 Relies, historical.  
 AH1 **RELIEF.**  
 P16-3 Relief from active duty.  
 L22-1 Relief of destitute.  
 F21-3 Relief gear, compression, engine.  
 S48-24 Relief valves.  
 S41 Relief valves, main propelling machinery.  
 P12 Religion, religious services.  
 N4-7 Religious buildings.  
 P18-2 Religious holidays.  
 S74-1 Relining, anti-aircraft guns.  
 S73-1 Relining of broadside guns.  
 S80 Relining of guns, general.  
 S72-4 Relining of turret guns.  
 P6-3 Remains (personnel).  
 F24-6 Remote control, pull type, starter magneto.  
 P13-8 Removal of mark of desertion.  
 P6-4 Removals and reinterment of remains.  
 S71-8 Removed control, fire.  
 F38-2 Remover, paint and varnish.  
 S56-3 Removers, air, feed, water.  
 P8-5 Remonstrances, complaints, protests and petitions (social relations).  
 L10-5 Rendition of accounts and returns (accounting).  
 DD303 **RENO** (stricken).  
 CL96 **RENO** (new).  
 L9-3 Renovating.  
 DD176 **RENSHAW** (stricken).  
 DD499 **RENSHAW** (new).  
 L16-7 Rental allowance.  
 EN9-149 Renton, Wash., navy cost inspector, Boeing Aircraft Co.  
 L4-3 Rentals and lease, contracts.  
 A3-1 Reorganization.  
 S11-12 Repair and construction of auxiliaries, foundation for.  
 S31-2 Repair and construction spares.  
 F2-3 Repair, expense.  
 F41-8 Repair kits, bomb sights.  
 S71-8 Repair kits, optical instruments.  
 S92 Repair kits (portable tools).  
 F29-2 Repair material.

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A5-9 Repair party (gunnery exercises).  
 S88-2 Repair party station and equipment, damage control.  
 AR Repair ships.  
 ARV Repair ships, aircraft.  
 N5 Repair shops for ships and clothing factories.  
 L9-3 Repairs, alterations, and overhaul.  
 N19-3 Repairs, building.  
 L10-3 Repairs, extraordinary, industrial accounting.  
 S91-1 Repair shops and stations.  
 A14-7 Reparations, indemnities, international.  
 P1-4 Repatriation of citizenship.  
 S24-7 Repeater gyrocompass.  
 S71-8 Repeaters, fire control.  
 L11 Replacements, property damage.  
 P2-4 Report of accident.  
 P19-1 Report of discharge.  
 L10-4 Report of expenditures.  
 S6-2 Report of launching.  
 P16-3 Report and reporting for duty.  
 A17-13 Report before trial, procedure before trial, courts-martial.  
 A9-9 Reports of boards and commissions.  
 F3-1 Reports of board of inspection and survey.  
 S3-1 Reports of board of inspection and survey.  
 P6-1 Reports of captured in action.  
 L9-3 Reports, conference, arrival and departure.  
 P14-4 Reports of enlistment.  
 F3-1 Reports of factory or yard estimates, planning.  
 P20-2 Reports of fitness.  
 A5-9 Reports, gunnery exercises.  
 P11-1 Reports on instructions.  
 P8-1 Reports, labor board and trade board.  
 F41-9 Reports of launching, torpedoes.  
 P18-1 Reports of leave.  
 S88-3 Reports of practices, practice instruction, damage control.  
 A7-1 Reports, press, publicity, ships and aircraft.  
 L6-3 Reports of progress, shipbuilding.  
 L10-3 Reports, records and work, cost of (accounting).  
 L21-4 Reports (shipments).  
 A9 Reports and statistics.  
 A17-11 Reporter for Judge Advocate, courts-martial.  
 P14-2 Reporting of candidates for admissions as midshipmen.  
 L21-4 Reports of material shipped.  
 F3-1 Reports, statutory surveys.  
 GJ2 Representatives, House of, United States.  
 P13-9 Reprimand.  
 A16-2 Reprisals, war.  
 S85-4 Reproducers and photography, sound motion-pictures.  
 EW25 Reproduction plant, Army.  
 QI Reptiles.  
 AP33 **REPUBLIC.**  
 EN9-144 Republic Aircraft Products Division (Aviation Corp.)  
     Detroit, Mich., navy cost inspector.  
 P14 Request for authority to appoint and certification of ap-  
     pointment, reinstatements.  
 P16-3 Requests for active duty.  
 H1-3 Requests for charts and hydrographic publications.  
 L4-3 Requests for copies of contracts.  
 A15-2 Requests for details, ceremonies, speakers.  
 ED1 Research council, national.

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EN1-22 Research and development, coordinator of.  
 NP14 Research laboratory, Bellevue, D. C.  
 F29-1 Reseating equipment, valve refacing and, tools.  
 S92 Reseating machines, valve.  
 F41-6 Reserve aircraft bomb.  
 S78-1 Reserve ammunition.  
 NA Reserve aviation bases.  
 OB Reserve Corps officers.  
 KT Reserve detachments, marine.  
 S56-4 Reserve feed tanks, feed water.  
 S48-2 Reserve feed water piping.  
 P19-2 Reserve fleet, transfer to.  
 MF Reserve force.  
 JN Reserve material.  
 JP Reserve material (other than Navy).  
 P17-1 Reserves and regulars, precedence between.  
 L8-2 Reserve requisitions.  
 NC74 Reserve schools, radio and signal.  
 KW2 Reserves, aviation, Marine Corps.  
 KW1 Reserves, fleet, Marine Corps.  
 KT Reserve (marine detachment).  
 QR Reserves, naval general.  
 L6-2 Reservations, disbursing.  
 NZ Reservations (lands).  
 N24 Reservoirs, fuel.  
 N25-1 Reservoirs, water.  
 A17-15 Res gestae, courts-martial.  
 P19-1 Requests for discharge.  
 A10-3 Requests and exchanges, publications.  
 A13 Requests for patents.  
 L22-1 Requests for solicitation.  
 L9-3 Requests summaries, work.  
 L20-2 Requests for transportation.  
 F1 Requirements, design, general board.  
 P1-5 Requirements, physical, for enlistment and promotion.  
 L8-2 Requisitions.  
 F1-4 Requisitions.  
 L1-2 Requisitions for allotments.  
 H4-5 Requisitions for instruments, meteorological and aerological.  
 A10-1 Requisitions for printing and binding.  
 P17-2 Rerating.  
 S94 Rescue apparatus, submarine.  
 S93 Rescue breathing apparatus and equipment.  
 YRC Rescue chambers.  
 A5-9 Rescue drills.  
 N4-9 Rescue from fire, gas chambers, training for.  
 ASR Rescue ships, submarine.  
 H2-10 Rescue work, ships and personnel.  
 N32-3 Research apparatus, shore.  
 A11 Researches and investigations (scientific).  
 P1-2 Residence.  
 EN11 Resident inspector of naval aircraft and catapults.  
 P19-3 Resignations.  
 A2-10 Resolutions and ordnances (administrative).  
 A18-2 Resolutions (legislative).  
 L24 Resources and facilities.  
 P2-2 Respiration transmission.  
 P3-1 Respiratory diseases.  
 P1-6 Responsibilities, financial.

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A3-1 Responsibilities.  
 S33-6 Rest and recreation benches, crew's.  
 P1-4 Restoration of citizenship.  
 P21 Restricted districts, quarantine.  
 P2-3 Restriction and prevention of insects.  
 P8-1 Restriction, trade and craft.  
 S73-1 Rests and bags, broadside guns.  
 N4-5 Restaurants.  
 P13-10 Restoration to duty after punishment.  
 P14-2 Restoration to eligible list, service.  
 P2 Restricted districts.  
 P14-4 Resumption of enlistment.  
 P3-2 Resuscitation.  
 L16-5 Retainer pay, Naval Reserve.  
 F21-1 Retainers, valves, valve spring, and engine.  
 A16-2 Retaliation war.  
 S51-2 Retarders, flame, boiler.  
 P14-2 Retention in employment.  
 MR Retired enlisted personnel.  
 OR Retired officers.  
 P19-2 Retirement.  
 A17 Retiring board (courts-martial procedure).  
 EN18 Retiring board, naval.  
 L16-4 Retirement pay, deductions.  
 S33-4 Retiring room, ladies'.  
 F13 Retracting mechanism, body group.  
 SS2-11 Retriever boats, torpedo.  
 F13-5 Retrieving gear, arresting equipment.  
 P18-1 Retroactive leave.  
 L16-4 Retroactive pay.  
 P16-3 Return to duty.  
 S29-1 Returned finished weights.  
 F1 Returned-weight statement, contract and design.  
 EI26 Returns office, Department of Interior.  
 DD245 **REUBEN JAMES.**  
 EF28-8 Reunion (France).  
 L14-2 Revenue.  
 S11-3 Reverse frames.  
 F22-1 Reversing gears, reduction and, engine transmission.  
 S41 Reversing main propelling machinery.  
 F23-1 Reversing propeller.  
 A17-19 Reviewing authority, courts-martial.  
 A15-2 Reviews, ceremonies.  
 A10-1 Reviews and opinions (publications).  
 L1-1 Revision of appropriations.  
 L4-3 Revision of contracts.  
 A17-18 Revision, courts-martial findings.  
 S65-5 Revolution countergear, main engine.  
 S71 Revolution and range converters, transmitters (fire-control).  
 QW1 Revolutionary War.  
 P9-2 Revolutions.  
 P13 Rewards for apprehension and delivery of deserters and stragglers, criminals.  
 L22-3 Rewards, gifts, presents to individuals.  
 P14-4 Rewards to postmasters for enlistment applications.  
 S85-1 Rewinders, motion picture.  
 S78-1 Reworking and sale of smokeless powder, disposition of remnants, ammunition.  
 EN9-48 Reynolds Metal Co., Macon, Ga., navy cost inspector.

**AMc58 RHEA.**  
**S41-4 Rheostat, electric drive.**  
**F36-2 Rheostats.**  
**S62-2 Rheostats, electric distribution.**  
**S66 Rheostats and rheostat room (searchlight),**  
**DD404 RHIND.**  
**EG40 Rhode Island.**  
**EF13-25 Rhodesia (British).**  
**F12 Ribs, tail group.**  
**F11 Ribs, wing group.**  
**CV10 RICHARD, BON HOMME.**  
**FG10 Richard, Bon Homme air group.**  
**CL9 RICHMOND.**  
**EN6-29 Richmond, Va., inspector of ordnance, Tredegar's.**  
**NL17 Richmond, Va., recruiting station.**  
**S92 Riddles.**  
**S12-2 Ridge bars, ridge, stanchions, awning (hull fittings).**  
**S73-1 Rifle and hand grenades.**  
**A5-6 Rifle matches, field and boat gun and small-arm exercises.**  
**N12-2 Rifle ranges and butts.**  
**S70-1 Rifle lights, signal.**  
**A5-6 Rifle matches and trophies.**  
**S86-6 Rifle ranges on shipboard.**  
**S79-4 Rifles, small arms and landing force equipment.**  
**S74-1 Rifling, anti-aircraft guns.**  
**S72-4 Rifling, broadside guns.**  
**ARb1 RIGEL (ex-AD13).**  
**MV Riggers.**  
**S67 Rigging (radio).**  
**F18 Rigging, ballonets, gas cells and envelopes.**  
**S18 Rigging, canvas, and rope.**  
**N5-51 Rigging loft.**  
**S81-2 Rigging, paravane.**  
**N6-3 Rigging storehouse.**  
**AM110 RIGHT.**  
**N1-13 Right-of-way, lands.**  
**L22-3 Rights, homestead.**  
**N1-13 Rights, riparian land.**  
**ZR Rigid airships.**  
**S12-4 Ring, pad eyes, and eye, bolts.**  
**DD89 RINGGOLD (stricken).**  
**DD500 RINGGOLD (new).**  
**S73 Rings, broadside guns.**  
**S72-4 Rings, gas check and locking, turret guns.**  
**S44 Rings, joint and gland, propellers.**  
**S41 Rings, pistons and rods, main propelling machinery.**  
**S43-1 Rings, protecting, shafting.**  
**S72-6 Rings, turrets.**  
**AOG3 RIO GRANDE**  
**P13-2 Riot.**  
**P16-3 Riot and Army duty (assignment and detail).**  
**S79-4 Riot guns.**  
**P8-1 Rioting, labor.**  
**N1-13 Riparian rights, land.**  
**H1-11 Rips and tide rips.**  
**S33-5 Risons and detention cells (brig).**  
**AK48 RITA MAERSK.**  
**PR River gunboats.**  
**YFB685 RIVERA.**

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H1-12 Rivers and canals.  
 QX6 Rivers, creeks and brooks (geographic divisions, water).  
 EW15 Rivers and Harbors, Board of Army Engineers.  
 F7 Riveting.  
 S29-10 Riveting and bolting.  
 S92 Riveting and scaling hammers, pneumatic.  
 S12-4 Rivets.  
 DM14 **RIZAL** (stricken).  
 P2-3 Roaches, extermination of.  
 A2-1 Road, rules of.  
 AMc35 **ROAD RUNNER**.  
 N34 Road scrapers and rollers.  
 N2-1 Roads.  
 SS273 **ROBALO**.  
 P13-5 Robbery.  
 AG27 **ROBERT L. BARNES** (ex-AO14).  
 YX17 **ROBERT CENTER** (stricken).  
 DD324 **ROBERT SMITH** (stricken).  
 EN11-28 Robertson, Mo., inspector of naval aircraft.  
 NA22 Robertson, St. Louis, Mo., naval reserve aviation base.  
 AM3 **ROBIN**.  
 EN9-163 Robins D. D. & Repair Co., Brooklyn, N. Y., navy cost  
 inspector.  
 DD88 **ROBINSON** (stricken).  
 DD562 **ROBINSON** (new).  
 CA2 **ROCHESTER** (stricken).  
 CA73 **ROCHESTER** (new).  
 EN6-10 Rochester, N. Y., inspector of ordnance.  
 EN9-91 Rochester, N. Y., navy cost inspector, Bausch and Lomb  
 Optical Company.  
 SS274 **ROCK**.  
 HS Rock Creek and Potomac Parkway Commission.  
 EW27-7 Rock Island Arsenal (Army).  
 AVP29 **ROCKAWAY**.  
 KP100 Rockaway Beach, N. Y., marine post (obsolete).  
 NA3 Rockaway, N. Y., naval air station.  
 F21-1 Rocker arms, engine.  
 YT22 **ROCKET** (stricken).  
 AMc101 **ROCKET** (new).  
 A6-3 Rocket signaling.  
 S70-1 Rockets, shower, smoke and star (sight-signaling).  
 NB82 Rockland, Maine, section base.  
 NE7 Rockland, Maine, trial course.  
 H1-10 Rocks, reefs, shoals, and banks, hydrography.  
 P2-3 Rodents, extermination of.  
 DD574 **RODGERS, JOHN**.  
 DD254 **RODGERS** (stricken).  
 DD456 **RODMAN**.  
 S33-6 Rods, clothes, hanger.  
 F21-3 Rods, connections, and fittings, reach, engine.  
 F32 Rods, control system.  
 F22-2 Rods, control, transmission.  
 S12-5 Rods, grab.  
 S41 Rods, pistons and rings, main propelling machinery.  
 S34-2 Rods, with portable hooks, messing.  
 S18-1 Rods, ratline.  
 S48-24 Rods, reach, valves.  
 S73-2 Rods, spring, counter-recoil, broadside guns.

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S72-5 Rods, spring, counter-recoil, turret-gun slides.  
 S75-1 Rods, steering, torpedo.  
 F32 Rods, tubes, control system.  
 S92 Rods, welding.  
 DD24 **ROE** (stricken).  
 DD418 **ROE** (new).  
 P3-3 Roentgenology.  
 A5-9 Roll and pitch (gunnery exercises).  
 S29-5 Roll and pitch recorder.  
 AMc52 **ROLLER**.  
 S73-2 Roller paths and bearings, broadside movements.  
 N34-5 Rollers, road.  
 S75-2 Rollers and roller paths, torpedo tubes.  
 S72 Rollers, turret.  
 N30 Rolling stock.  
 P15 Rolls of honor (citation).  
 P16-2 Rolls, muster.  
 EF59 Rome, Holy See.  
 S72-1 Roof girders, plates, and angles, turrets.  
 N19-4 Roofing and roofs, buildings.  
 S32-7 Room, band.  
 S59 Room, ice and refrigerating.  
 S30 Room, office and office equipment.  
 S26-6 Room, windlass.  
 S78-3 Rooms, ammunition.  
 S53 Rooms, blower.  
 S51-4 Rooms, boiler.  
 N4-5 Rooms, dining and lunch.  
 S58-1 Rooms, evaporator and distilling condenser.  
 S65-7 Rooms, Interior-Communication.  
 S33 Rooms, living and berthing.  
 S63-6 Rooms, motor.  
 S47 Rooms, pump.  
 S67 Rooms, radio.  
 S91 Rooms, ship upkeep shops and equipment.  
 S30-1 Rooms, store.  
 S24-5 Rooms on submarines, control.  
 S75-3 Rooms, torpedo.  
 NA26 Roosevelt Base, Terminal Island, San Pedro, Calif., naval  
     air station.  
 NB49 Roosevelt Base, Terminal Island, Calif.  
 NB73 Roosevelt Roads, P. R., section base.  
 F21-1 Roots blower, supercharger.  
 S18-1 Rope, can, wood, cork, fenders (portable).  
 N6-5 Rope and cordage storages.  
 S26-4 Rope, dip.  
 N6-5 Rope storehouse.  
 N5-49 Rope walk.  
 DD147 **ROPER**.  
 F45-2 Ropes, cables, line (handling, mooring, hauling).  
 S81-2 Ropes, chains, blocks, and fittings, rigging, paravanes.  
 F32-6 Ropes, control.  
 S79-2 Ropes, drag and check, field guns.  
 S26-4 Ropes, lines and reels.  
 S16-4 Ropes, man, ladder.  
 S22 Ropes, transmission and steering.  
 S76-2 Ropes, wire, mechanical control, mine depth charge.  
 YFB682 **ROSAL**.  
 NT1-19 Rose Island (Newport), R. I., naval magazine.

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F45-3 Rosendahl's method, mooring devices.  
 YN26 **ROSEWOOD.**  
 DD563 **ROSS.**  
 P16-2 Rosters.  
 S72-2 Rotary compensators, turret-turning.  
 S41-1 Rotors and blading, turbine.  
 N13-8 Roundhouses.  
 S16-4 Rounds, ladder.  
 YO53 **ROUSTABOUT.**  
 P13-2 Rout (misconduct and discipline).  
 H1-23 Routes, air.  
 L21 Routes and lines, proposal for new, trade routes.  
 H1-13 Routes, ocean.  
 A6-4 Routes, post, mail.  
 P11-2 Routine, library.  
 A4-3 Routine, ships and aircraft.  
 A6-5 Routing sheets, correspondence.  
 DD64 **ROWAN.** (stricken).  
 DD405 **ROWAN** (new).  
 DD564 **ROWE.**  
 P10-1 Rowing races.  
 N4-9 Rowing school building.  
 AMc102 **ROYAL.**  
 A10-1 Royalties, copyright.  
 A13-5 Royalties (patents)  
 F48-2 Rubber boots for wings and tail surfaces.  
 F18-6 Rubber latex.  
 F38-3 Rubberizing.  
 S11-4 Rubbing strakes.  
 F13 Rubbing strips and edgings, body group.  
 S72-5 Rubbing, whip of guns, turret gun slides.  
 PY21 **RUBY.**  
 S22 Rudder.  
 F13 Rudder and controls, water, body group.  
 F32-1 Rudder control.  
 S65-5 Rudder indicator systems, diving (mechanical) and tele-  
 motors.  
 S11-8 Rudder-post and stern casting; forging and stern forging.  
 S22 Rudder steering and diving.  
 F12-4 Rudders.  
 F16 Rudders.  
 S75-1 Rudders, horizontal and vertical torpedo.  
 AMc59 **RUFF.**  
 A15-1 Ruffles and flourishes.  
 S33-6 Rugs.  
 N37-1 Rugs and carpets, household.  
 N38-1 Rugs and carpets, nonhousehold.  
 A12-2 Ruins, historical.  
 F49-7 Rulers, parallel.  
 S24-7 Rulers, parallel.  
 P10-1 Rules, athletic competitions.  
 L4-3 Rules in drawing up contracts.  
 A5-7 Rules, engineering and performance.  
 P14-6 Rules of exemption of employees for military service.  
 A2 Rules and laws, safety, international, road.  
 S71-8 Rules, slide, fire control.  
 F49-7 Rules, slide.  
 L4-3 Rulings, and decisions under contracts.  
 EF60 Rumania.

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SS275 **RUNNER.**  
 F36-10 Running lights.  
 S64-5 Running lights, side, electric.  
 P17-1 Running mates.  
 S18-1 Running, rigging (wire, hemp, and manila) including  
 thimble and other fittings.  
 A5-7 Runs, engineering performance.  
 SS3-2 Runways and gear, launching devices, airplane.  
 N10-2 Runways and landing beaches.  
 EA34 Rural electrification administration.  
 A6-4 Rural mail.  
 EP9 Rural mails Post office department.  
 DD414 **RUSSELL.**  
 EF61 Russia.  
 ES5 Russian affairs, division of, State Department.  
 KP101 Russian Island, Siberia, marine post.  
 F38-2 Rust preventive compound.  
 EN9-86 Rustless Iron & Steel Works, Baltimore, Md., navy cost  
 inspector.

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SS105 S-1.  
 SS106 S-2 (stricken).  
 SS107 S-3 (stricken).  
 SS109 S-4 (stricken).  
 SS110 S-5.  
 SS111 S-6 (stricken).  
 SS112 S-7 (stricken).  
 SS113 S-8 (stricken).  
 SS114 S-9 (stricken).  
 SS115 S-10 (stricken).  
 SS116 S-11.  
 SS117 S-12.  
 SS118 S-13.  
 SS119 S-14.  
 SS120 S-15.  
 SS121 S-16.  
 SS122 S-17.  
 SS123 S-18.  
 SS124 S-19.  
 SS125 S-20.  
 SS126 S-21.  
 SS127 S-22.  
 SS128 S-23.  
 SS129 S-24.  
 SS130 S-25.  
 SS131 S-26.  
 SS132 S-27.  
 SS133 S-28.  
 SS134 S-29.  
 SS135 S-30.  
 SS136 S-31.  
 SS137 S-32.  
 SS138 S-33.  
 SS139 S-34.  
 SS140 S-35.  
 SS141 S-36.  
 SS142 S-37.  
 SS143 S-38.

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SS144 S-39.  
 SS145 S-40.  
 SS146 S-41.  
 SS153 S-42.  
 SS154 S-43.  
 SS155 S-44.  
 SS156 S-45.  
 SS157 S-46.  
 SS158 S-47.  
 SS159 S-48.  
 SS160 S-49 (stricken).  
 SS161 S-50 (stricken).  
 SS162 S-51 (stricken).  
 DD310 S. P. LEE (stricken).  
 P12-3 Sabbath, observance of.  
 AO25 SABINE.  
 NX31 Sabine Pass, Tex., radio direction-finder station.  
 NB38 Sabine Pass, Tex., section base.  
 P8-1 Sabotage by labor.  
 P13-5 Sabotage, property.  
 YT31 SACO (stricken).  
 PG19 SACRAMENTO.  
 S46-5 Saddle plates, foundations and stiffeners, condensers.  
 S75-2 Saddles, torpedo, tubes.  
 S32-9 Safe cabinets, card index, filing stationery and plan.  
 A14-3 Safe conduct.  
 A7-3 Safeguarding of confidential publications.  
 L12-1 Safe-keeping, deposits for.  
 S32-9 Safes and lockers, confidential, secret code, and secret intelligence.  
 N36-14 Safes and lockers, shore.  
 S29-1 Safety.  
 F41-7 Safety and arming devices, bomb racks.  
 F49-5 Safety belts.  
 S16-5 Safety devices, elevator.  
 L9-7 Safety devices and precautions, not personnel.  
 S72-10 Safety doors, turret guns.  
 P2-4 Safety first (personnel).  
 S76-2 Safety forks, depth charge.  
 S81-1 Safety gear, kite and sweep, mine protection.  
 A2-13 Safety laws, aviation.  
 S14-4 Safety and nonslipping treads.  
 S48-1 Safety tank.  
 S51-3 Safety valves, boiler.  
 S48-24 Safety valves (except boiler).  
 AT20 SAGAMORE.  
 AM111 SAGE.  
 S29-9 Sagging and hogging.  
 N5-50 Sail loft.  
 N6-4 Sail storehouse.  
 S18-2 Sail, wind canvas.  
 SS192 SAILFISH (ex-Squalus).  
 S82-7 Sailing launches, motor, boats.  
 P10-1 Sailing races.  
 A4-3 Sailings, ship.  
 MA Sailmakers.  
 F49-8 Sails, emergency propulsion.  
 F43-1 Sails, parachute.  
 AP32 SAINT MIHIEL.

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PG54 **ST. AUGUSTINE.**  
 NR44 St. Augustine, Fla., radio traffic station.  
 NR17 St. Croix, Virgin Islands, radio traffic station.  
 KP110 St. Croix, Virgin Islands, marine post.  
 EL20 St. Elizabeths Hospital.  
 H4-2 St. Elmo's lights.  
 NR88 St. George, Alaska, radio traffic station.  
 EF13-21 St. Helena (British).  
 NB98 St. Helena, Va., repair base.  
 NT1-7 St. Juliens Creek, Va., ammunition depot.  
 KP111 St. Juliens Creek, Va., marine post.  
 NT5-4 St. Juliens Creek, Va., torpedo depot.  
 QX9 St. Lawrence Deep Waterway—Great Lakes.  
 CA18 **ST. LOUIS** (stricken).  
 CL49 **ST. LOUIS** (new).  
 NA22 St. Louis, Mo., naval reserve aviation base.  
 NL32 St. Louis, Mo., recruiting station.  
 EN8-25 St. Louis, Mo. (Robertson), inspector of machinery.  
 NH40 St. Lucia, naval dispensary.  
 KP153 St. Lucia, Windward Islands, marine detachment.  
 NA66 St. Lucia, Windward Islands, naval air station.  
 CA71 **ST. PAUL.**  
 NX59 St. Paul, Alaska, radio-direction finder station.  
 NR89 St. Paul, Alaska, radio traffic station.  
 NR41 St. Petersburg, Fla., radio traffic station.  
 LE1-4 St. Petersburg, Fla., U. S. Maritime Service training station.  
 EF28-22 St. Pierre (France).  
 KP113 St. Thomas, Virgin Islands, barracks detachment.  
 KV6 St. Thomas, Virgin Islands, landing field.  
 KP112 St. Thomas, Virgin Islands, marine post.  
 NT4-11 St. Thomas, Virgin Islands, naval net depot.  
 NS6 St. Thomas, Virgin Islands, naval station.  
 NR16 St. Thomas, Virgin Islands, radio traffic station.  
 NB01 St. Thomas, V. I., section base.  
 NB21 St. Thomas, Virgin Islands, submarine base.  
 EF37-4 Sakhalin (Japan).  
 AO26 **SALAMONIE.**  
 L16 Salaries.  
 S78-1 Sale of and reworking smokeless powder, disposition of  
 remnants, ammunition.  
 CL3 **SALEM** (stricken).  
 EN9-93 Salem, Mass., navy cost inspector, Atwood & Morrill Co.  
 L11-4 Sales.  
 EN9-22 Sales board, central, Washington, D. C.  
 L14-1 Sales tax.  
 AO19 **SALINAS.**  
 S65-5 Salinity indicators.  
 S51-3 Salinometer pots.  
 S58-4 Salinometer pots, distilling plants.  
 S48-24 Salinometers, pots, valves.  
 SS182 **SALMON.**  
 CA25 **SALT LAKE CITY.**  
 NL35 Salt Lake City, Utah, recruiting station.  
 F38-3 Salt spray testing.  
 N26-6 Salt water, distribution, shore.  
 S48-7 Salt water flushing system.  
 A15-1 Salutes and saluting stations.  
 S78-1 Saluting ammunition.  
 S73-1 Saluting guns, broadside guns.

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EF62 Salvador.  
 S49-4 Salvage air system.  
 S47 Salvage, pump.  
 L11-22 Salvage services of United States ships and material.  
 ARS Salvage ships.  
 S94 Salvaging.  
 N19-12 Salvaging and wrecking, buildings.  
 S71 Salvors, torpedo and fire control.  
 S71-8 Salvo firing system, fire-control.  
 S74-1 Salvo latches, antiaircraft guns.  
 S73-1 Salvo latches, broadside guns.  
 A5-9 Salvo pattern and signals, gunnery exercises.  
 S71-1 Salvo patterns, signals, and system, turrets (fire control).  
 CB6 **SAMOA.**  
 EG53 Samoa (American).  
 NU5 Samoa, radar station.  
 YT5 **SAMOSET.**  
 L4-2 Samples on bids (purchasing).  
 S78-3 Samples of smokeless powder, cartons for.  
 S51-3 Sampling connection, feed-water, boiler.  
 DD63 **SAMPSON** (stricken).  
 DD394 **SAMPSON** (new).  
 NB18 San Clemente, Calif., fleet training base.  
 CL53 **SAN DIEGO.**  
 KP103 San Diego, Calif., air station (marine post).  
 KV4 San Diego, Calif., aviation detachment, marine.  
 NC93 San Diego, Calif., aviation machinist's mate school, naval air station.  
 NC89 San Diego, Calif., aviation ordnance school.  
 NC94 San Diego, Calif., aviation radioman's school, naval air station.  
 NC51 San Diego, Calif., aviation training school.  
 KP104 San Diego, Calif., barracks detachment (marine post).  
 NC71 San Diego, Calif., bomb target school.  
 NC48 San Diego, Calif., buglers and bugle master's school.  
 NC69 San Diego, Calif., Diesel school.  
 KP105 San Diego, Calif., destroyer base, marine post.  
 NC12 San Diego, Calif., electrical school.  
 NC99 San Diego, Calif., fleet fire control school.  
 KA2 San Diego, Calif., fleet marine force.  
 NC14 San Diego, Calif., fleet torpedo school.  
 NT2-4 San Diego, Calif., fuel depot (marine post).  
 NC57 San Diego, Calif., gyro compass school.  
 NC18 San Diego, Calif., hospital corps school.  
 EN11-23 San Diego (Chula Vista), Calif., inspector of naval aircraft.  
 KP150 San Diego (Fallbrook), Calif., marine barracks.  
 KP102 San Diego, Calif., marine post.  
 KH7 San Diego, Calif., marine post exchange.  
 NT7-3 San Diego, Calif., motion-picture exchange.  
 NC23 San Diego, Calif., musicians' school.  
 NC25 San Diego, Calif., naval academy preparatory school.  
 NA11 San Diego, Calif., naval air station (North Island).  
 NT1-20 San Diego, Calif (Fallbrook), naval ammunition depot.  
 NB12 San Diego, Calif., naval destroyer base.  
 NT2-4 San Diego, Calif., naval fuel depot.  
 NH16 San Diego, Calif., naval hospital.  
 NT4-25 San Diego, Calif., naval net depot.  
 NB1 San Diego, Calif., naval operating base.  
 NM17 San Diego, Calif., naval receiving ship.

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KP106 San Diego, Calif., naval repair base (marine post).  
 NM5 San Diego, Calif., naval training station.  
 EN9-170 San Diego, Calif., navy cost inspector, Consolidated Air-  
 craft Corp.  
 NC84 San Diego, Calif., parachute school.  
 NC35 San Diego, Calif., radio material school.  
 NC33 San Diego, Calif., radio school.  
 NP22 San Diego, Calif., radio and sound laboratory.  
 NR69 San Diego, Calif., radio traffic station.  
 NC45 San Diego, Calif., recruiters' school.  
 NL47 San Diego, Calif., recruiting station.  
 NB29 San Diego, Calif., section base.  
 NC37 San Diego, Calif., sound school.  
 NC83 San Diego, Calif., sound school, West Coast (obsolete, see  
 NC37).  
 NC41 San Diego, Calif., stenographer's school.  
 NT4-4 San Diego, Calif., supply depot.  
 NT5-10 San Diego, Calif., torpedo depot.  
 NP6 San Diego, Calif., torpedo testing room.  
 NC88 San Diego, Calif., welder school.  
 NR18 San Domingo, Dominican Republic, radio traffic station.  
 YFB12 **SAN FELIPE.**  
 CA38 **SAN FRANCISCO.**  
 NR72 San Francisco Beach, Calif., radio traffic station.  
 EN9-17 San Francisco, Calif., area coordinator, Fourth Army Corps.  
 KS2 San Francisco, Calif., assistant adjutant and inspector,  
 Marine Corps.  
 KS8 San Francisco, Calif., assistant paymaster, Marine Corps.  
 KS11 San Francisco, Calif., assistant quartermaster, Marine Corps.  
 EN22-17 San Francisco, Calif., branch hydrographic office.  
 EN8-22 San Francisco, Calif., inspector of engineering material.  
 EN8-23 San Francisco, Calif., inspector of machinery, Bethlehem  
 Union Iron Works.  
 EN24-12 San Francisco, Calif., inspector of naval material.  
 EN6-22 San Francisco, Calif., inspector of ordnance.  
 NT6-2 San Francisco, Calif., Marine Corps supply depot.  
 NB16 San Francisco, Calif., naval operating base and naval  
 reserve base.  
 NM13 San Francisco, Calif., naval receiving ship.  
 NM4 San Francisco, Calif., naval training station.  
 EN9-11 San Francisco, Calif., navy cost inspector.  
 EN9-28 San Francisco, Calif., navy cost inspector, Bethlehem Steel  
 Co.  
 EN9-176 San Francisco, Calif., navy cost inspector, Enterprise Engine  
 & Fdry Co.  
 EN9-112 San Francisco, Calif., navy cost inspector, Union Iron  
 Works.  
 EN9-119 San Francisco, Calif., navy cost inspector, United En-  
 gineering Co. (Treasure Island).  
 EN9-177 San Francisco, Calif., navy cost inspector, Western Pipe &  
 Steel Co.  
 EN9-3 San Francisco, Calif., navy purchasing and disbursing office.  
 NR71 San Francisco, Calif., radio traffic station.  
 NL36 San Francisco, Calif., recruiting station.  
 EN7-11 San Francisco, Calif., superintending constructor.  
 EN27-17 San Francisco, Calif., supervisor of shipbuilding, Bethlehem  
 Steel Co. (Union Plant).  
 NB36 San Francisco, Calif. (Treasure Island), section base.

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LE3-3 San Francisco (Treasure Island), Calif., U. S. Maritime  
Commission cadet school (formerly Tiburon, Calif.).  
NC74-6 San Francisco, Calif., U. S. N. R. radio school, U. S. S.  
**DESPATCH.**  
CL54 **SAN JUAN.**  
EN22-20 San Juan, P. R., branch hydrographic office.  
KP107 San Juan, P. R., marine post.  
NA36 San Juan, P. R., naval air base.  
NH35 San Juan, P. R., naval dispensary.  
NT4-26 San Juan, P. R., naval net depot.  
NS69 San Juan, P. R., naval radio compass station.  
NR12 San Juan, P. R., radio traffic station.  
NB27 San Juan, P. R., section base.  
EF36-1 San Marino.  
NR105 San Nicholas Island, Calif., naval radio traffic station.  
EN9-41 San Pedro, Calif., navy cost inspector, Bethlehem Steel Co.  
EN9-33 San Pedro, Calif., navy cost inspector, Los Angeles S. B.  
& D. D. Co.  
EN25-24 San Pedro, Calif., supervisor of shipbuilding, Bethlehem  
Steel Co.  
EN6-42 San Pedro, Calif., inspector of ordnance, Los Angeles S. B.  
& D. D. Co.  
EN25-25 San Pedro, Calif., supervisor of shipbuilding, Los Angeles  
S. B. & D. D. Co.  
EN22-22 San Pedro, Calif., branch hydrographic office.  
NT7-5 San Pedro, Calif., motion-picture subexchange.  
NA26 San Pedro, Calif., naval air station.  
NH33 San Pedro, Calif., naval dispensary.  
NT4-24 San Pedro, Calif., naval net depot.  
NB66 San Pedro, Calif., naval operating base.  
NB11 San Pedro, Calif., naval submarine base.  
NR104 San Pedro, Calif., naval traffic station, Trona Field.  
EN9-24 San Pedro, Calif., navy disbursing office.  
NB30 San Pedro, Calif., section base.  
NT5-9 San Pedro, Calif., torpedo depot.  
NE10 San Pedro, Calif., trial course.  
NH25-1 San Pedro and Long Beach Area, Calif., naval dispensary.  
AVP30 **SAN PABLO.**  
F32-6 Sand ballast, control.  
F15-12 Sand ballast system.  
F38-3 Sand blasting.  
N5-6 Sand-blasting shops and foundries.  
JJ59-6 Sand, building.  
S14-2 Sand, deck.  
N1-6 Sand pits.  
NB-79 Sand Point, Alaska, section base.  
N6-31 Sand storehouse.  
S92 Sand troughs.  
YP3 **SANDA.**  
YN27 **SANDALWOOD.**  
AM37 **SANDERLING** (stricken).  
AMc11 **SANDERLING.**  
AVP9 **SANDPIPER** (ex-AM51).  
DD243 **SANDS.**  
NX10 Sandy Hook, N. J., radio direction-finder station.  
AO28 **SANGAMON.**  
NA76 Sangley Point, Cavite, P. I., naval air station.  
NT2-9 Sangley Point, Cavite, P. I., naval fuel depot.  
N9 Sanitarium structures.

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GC Sanitary Bureau, international.  
 S47 Sanitary pumps.  
 N26-7 Sanitary sewers.  
 F34-4 Sanitation.  
 S36 Sanitation.  
 N19-7 Sanitation of buildings and grounds.  
 P2-4 Sanitation, place for employees, and inspections.  
 N9 Sanitation structures.  
 NB93 Santa Barbara, Calif., section base.  
 NE9 Santa Barbara, Calif., trial course.  
 CL60 **SANTA FE.**  
 EN11-14 Santa Monica (El Segundo), Calif., inspector of naval aircraft.  
 EN9-146 Santa Monica, Calif., navy cost inspector, Douglas Aircraft, Inc.  
 YFB681 **SANTA RITA.**  
 AO29 **SANTEE.**  
 EF63 Santo Domingo.  
 AO11 **SAPELO.**  
 PYc2 **SAPPHIRE.**  
 AO8 **SARA THOMPSON** (stricken).  
 CV3 **SARATOGA.**  
 FG3 Saratoga air group.  
 EF13-8 Sarawak (British).  
 PYc12 **SARDONYX.**  
 SS188 **SARGO.**  
 NR86 Sarichef, Alaska, radio traffic station.  
 N19-9 Sashes, windows and skylights.  
 DD190 **SATTERLEE** (stricken).  
 DD626 **SATTERLEE** (new).  
 DD465 **SAUFLEY.**  
 AN4 **SAUGUS.**  
 EN22-13 Sault Ste. Marie, Mich., branch hydrographic office.  
 SS189 **SAURY.**  
 AS8 **SAVANNAH** (stricken).  
 CL42 **SAVANNAH** (new).  
 EN22-9 Savannah, Ga., branch hydrographic office.  
 EN9-97 Savannah, Ga., navy cost inspector, Savannah Machine & Foundry Co.  
 NR38 Savannah, Ga., radio traffic station.  
 NB87 Savannah, Ga., section base.  
 EN25-38 Savannah, Ga., supervisor of shipbuilding, Savannah Machine & Foundry Co. branch at Gibbs Gas Engine Co., Jacksonville, Fla.  
 EN25-38 Savannah Machine & Foundry Co., supervisor of shipbuilding, Savannah, Ga.  
 L12-1 Savings banks.  
 SS276 **SAWFISH.**  
 N5-44 Sawmill.  
 S91-2 Saws, band and hack, and saw tables.  
 EF30 Saxony.  
 KP108 Sayville, N. Y., marine post.  
 NR10 Sayville, N. Y., radio traffic station.  
 S79-4 Scabbards.  
 F4-1 Scaffolding, building.  
 S4 Scaffolding.  
 N34-8 Scaffolds.  
 S37-2 Scales, medical.  
 S71-8 Scales, range-finder, optical and speed, fire control.

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VSB Scouting bombing planes.  
 FF3 Scouting Fleet.  
 FF3 Scouting force.  
 FF12-7 Scouting Force, Pacific Fleet.  
 VSO Scouting observation planes.  
 A16-3 Scouting, war.  
 YHT Scows, heating.  
 YMO Scows, mud.  
 S92 Scrap metal bins.  
 JS Scrap metals.  
 N6-16 Scrap yard and bins.  
 N34-4 Scrapers, road.  
 F38-3 Scrapping.  
 L11-3 Scrapping of material.  
 A14-7 Scrapping of ships.  
 S24-6 Screen, bridge.  
 QT Screen targets.  
 N19-16 Screening, buildings.  
 FE5 Screening force.  
 A16-3 Screening operations.  
 N23-8 Screens, circulating loops.  
 S71-8 Screens, clear vision, fire-control.  
 S54-1 Screens, coaling.  
 S38-1 Screens, insect and ventilator.  
 S16-4 Screens, ladder.  
 S12-4 Screens, lag.  
 S85-1 Screens, motion-picture.  
 S48-23 Screens, piping.  
 S72-3 Screens, port, turret.  
 S11-5 Screens, wire mesh or metal.  
 S73-1 Screw boxes, broadside guns.  
 S72-4 Screw boxes, turrets.  
 S92 Screw jacks.  
 S22 Screw steering gear.  
 HD Screw-Thread Commission,<sup>5</sup>National.  
 N4-13 Scrub house.  
 S36-5 Scrubbing brushes.  
 S34-1 Scullery.  
 SS191 **SCULPIN.**  
 S48-8 Scupper drains.  
 S36-3 Scuttle butts and accessories.  
 S78-2 Scuttles, powder, ammunition handling.  
 S72-10 Scuttles, powder passing, turrets.  
 S16 Scuttles, watertight and nonwatertight.  
 S48 Sea chests, connections, and valves, piping.  
 P16-3 Sea duty.  
 H3-7 Sea and gulfweed, obstructing navigation.  
 S33-6 Sea and land irons.  
 H1 Sea level, and sea water (tides).  
 S82-10 Sea sleds, boats.  
 S12-5 Sea steps.  
 N15-4 Sea walls.  
 A16-3 Sea warfare.  
 A16-1 Seacoast, protection of.  
 SS194 **SEADRAGON.**  
 N10-12 Seadromes.  
 AM30 **SEAGULL.**  
 SS183 **SEAL.**  
 S32-9 Seal, ship's.

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A5-9 Sealed instructions, gunnery exercises, ships and aircraft.  
 A4-3 Sealed orders, ship and aircraft.  
 S62-4 Sealing compound, storage battery.  
 F19 Sealing strips, cover.  
 SS195 **SEALION.**  
 L21-4 Seals, car.  
 S78-2 Seals, flame, handling ammunition.  
 A12-4 Seals, official.  
 S48-23 Seals, water, fittings.  
 H1-24 Seals and whales, observation of.  
 F38-2 Seam compound.  
 MS Seaman branch.  
 H2-11 Seamanship.  
 N4-9 Seamanship school building.  
 S36-1 Seamen's or crew's head.  
 YV Seaplane barges.  
 N10-1 Seaplane hangars.  
 AV Seaplane tenders.  
 YSD Seaplane wrecking derrick.  
 SS196 **SEARAVEN.**  
 A16-3 Search, war.  
 S73-1 Searchers, bore, broadside guns.  
 S72-4 Searchers, and bore lapping head, turret guns.  
 S71-6 Searchlight battery, control.  
 N39-1 Searchlight, landing-field.  
 S66 Searchlights.  
 QX1 Seas.  
 P3-1 Seasickness.  
 S73-1 Seating of projectiles, broadside guns.  
 F34-6 Seats (aircraft).  
 S73-2 Seats, pointer and trainer, broadside mounts.  
 S75-2 Seats, pointer and trainer, torpedo tubes.  
 S72-4 Seats, turret guns.  
 IX39 **SEATTLE (ex-CA11).**  
 EN9-90 Seattle-Tacoma S. B. Co., Tacoma, Wash., navy cost  
 inspector.  
 NC104 Seattle, Wash., aviation ordnancemen's school.  
 EN22-19 Seattle, Wash., branch hydrographic office.  
 EN9-35 Seattle, Wash., Harbor Island, Todd Seattle D. D. Co.,  
 Navy cost inspector.  
 EN11-16 Seattle, Wash., inspector of naval aircraft (Boeing).  
 EN24-13 Seattle, Wash., inspector of naval material.  
 NA13 Seattle, Wash., naval air station.  
 NA45 Seattle, Wash., naval reserve aviation base.  
 EN9-150 Seattle, Wash., navy cost inspector, Boeing Aircraft Co.  
 EN9-45 Seattle, Wash., navy cost inspector, Lake Union D. D. &  
 Mach. Works.  
 EN9-40 Seattle, Wash., navy cost inspector, Seattle-Tacoma S. B.  
 Co.  
 NT4-38 Seattle, Wash., navy supply pier, Pier 41.  
 NR76 Seattle, Wash., radio traffic station.  
 NL37 Seattle, Wash., recruiting station.  
 NB52 Seattle, Wash., section base.  
 EN25-18 Seattle, Wash., supervisor of shipbuilding, Seattle-Tacoma  
 S. B. Co.  
 IX51 **SEATTOR NO. 1.**  
 IX53 **SEATTOR NO. 2.**  
 H3-7 Seaweed.  
 SS197 **SEAWOLF.**

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S29 Seaworthiness, weight, stability and integrity.  
 YT23 **SEBAGO** (stricken).  
 P9-2 Secessions.  
 KA2 Second advance base, marines.  
 EN9-15 Second Army Corps, New York, N. Y., area coordinator.  
 OA8 Second lieutenants, Marine Corps.  
 ND2 Second Naval District.  
 S71-2 Secondary battery fire control.  
 S24-4 Secondary control or battle station.  
 S65-5 Secondary recording counters.  
 P8-2 Secret associations.  
 A6 Secret codes.  
 A2-12 Secret instructions.  
 S32-9 Secret intelligence, secret code, and confidential safes and lockers.  
 A7 Secret matters, handling of  
 A4-3 Secret orders, ship and aircraft.  
 A8-4 Secret Service.  
 EA1 Secretary of Agriculture.  
 EC1 Secretary of Commerce.  
 EI1 Secretary of Interior.  
 EL1 Secretary of Labor.  
 EN1 Secretary of Navy.  
 EN1-19 Secretary of the Navy, advisory council.  
 EN1-20 Secretary of the Navy, special assistant to, New York, N. Y., (shipbuilding campaign).  
 ES1 Secretary of State.  
 ET1 Secretary of the Treasury.  
 EW1 Secretary of War.  
 P19-1 Secretary's order, discharge.  
 FA Sections (ships).  
 NB Section bases.  
 OF8 Section commander.  
 A5-1 Section, practices, gun exercise.  
 P12-1 Sects, religious.  
 S73-2 Securing gear, broadside mounts.  
 S72-3 Securing gear, turret.  
 S75-2 Securing-pad eyes, torpedo tubes and launching gear.  
 A Mc103 **SECURITY**.  
 L13-1 Security and surety bonds.  
 P13-2 Sedition, crime.  
 P9-2 Sedition, political relations.  
 N1-2 Seeding, grass, lawns, loams and sod.  
 AM112 **SEER**.  
 P2-1 Segregation and communicable diseases.  
 H1-5 Seismic disturbances.  
 L11-3 Seizure of material by enemy.  
 L8-3 Selection and adoption in procuring material.  
 A17 Selection boards, marine and naval.  
 P17-2 Selection for promotion.  
 P7 Self-maintenance.  
 DD320 **SELFRIDGE** (stricken).  
 SS357 **SELFRIDGE** (new).  
 L18 Selling agencies.  
 S71-8 Selsyns, fire control.  
 A6-3 Semaphore signaling.  
 S70-3 Semaphores, signal.  
 N9-1 Semiambulant wards.

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A9-2 Semiannual reports.  
 S41-3 Semi-Diesel engines, motorboat.  
 AT65 **SEMINOLE.**  
 AG24 **SEMMES** (ex-DD189).  
 A18 Senate and House committees, bills, and investigations.  
 GJ1 Senate, United States.  
 F45-2 Send off poles, handling.  
 EF28-10 Senegal.  
 A17-11 Senior member, courts-martial  
 OF22 Senior officer present, afloat.  
 A17 Sentences, courts-martial.  
 P13-10 Sentences, reduction or suspension of, commutation.  
 AM113 **SENTINEL.**  
 N3-2 Sentinel box.  
 P13-2 Sentinels, offenses against.  
 N3-2 Sentry building.  
 S29-1 Separating tank, oil and water.  
 P19 Separation (personal).  
 S49 Separators, air compressor.  
 F28-4 Separators, condenser.  
 S57-1 Separators, Diesel oil.  
 S55-2 Separators, fuel oil.  
 S15 Separators, gasoline.  
 S59-3 Separators, ice machine.  
 S48-23 Separators, piping.  
 S45-3 Separators and purifiers, lubricating oil.  
 S72-1 Separators, roller, turrets.  
 N26-7 Septic tanks, shore.  
 AO20 **SEPULGA.**  
 AG23 **SEQUOIA.**  
 EF64 Serb, Croat, and Slovene State.  
 ML Sergeant, Marine Corps.  
 F39-3 Serial numbers.  
 P2-3 Serumtherapy.  
 N4-1 Servants' and attendants' quarters.  
 P7 Servants of naval personnel.  
 P14 Service (appointment).  
 P16 Service (assignment and detail).  
 P20-2 Service, Certificate of.  
 F4-1 Service changes, work, air, light, electricity, etc.  
 S4 Service charges, air, light, electricity, water, etc.  
 L16-4 Service, constructive, pay.  
 P15 Service, distinguished.  
 S47 Service fuel oil pumps.  
 F27-1 Service or gravity tanks, fixed, fuel tanks.  
 A16-3 Service of information; skirmishing; aerial photography, war-  
     fare.  
 A6 Service, mail, telephone, radio, United States and foreign.  
 P1-1 Service numbers.  
 P20-2 Service records, personnel.  
 A8-4 Service, secret.  
 S55-1 Service, settling and gravity tanks, fuel oil stowage and  
     equipment.  
 L5-2 Service tests, inspections and tests.  
 L8-3 Services or labor, orders for.  
 P12-2 Services, religious.  
 L22-3 Services, rewards for.  
 L8-4 Servicing aircraft on flights.  
 N4-5 Serving of food, buildings for.

F42-1 Sets, receiver and transmitter, radio.  
 S92 Sets, shackle tool.  
 S87 Sets, testing, general.  
 F35-1 Sets, ventilating.  
 S78-1 Setters, fuse, ammunition.  
 L10-5 Settlement of accounts (accounting).  
 L11 Settlement, property damages.  
 S55-1 Settling, service and gravity tanks, fuel oil stowage and equipment.  
 S45-3 Settling tanks, lubricating oil.  
 ND7 Seventh Naval District.  
 NT4-3 Sewall's Point (Norfolk-Hampton Roads), Va., naval supply depot.  
 NR83 Seward, Alaska, radio traffic station.  
 NB94 Seward, Alaska, section base.  
 N26-7 Sewers and sewage systems.  
 S33-6 Sewing machines.  
 P1-5 Sex.  
 P2-4 Sex hygiene.  
 F49-7 Sextants.  
 S71-8 Sextants, fire-control.  
 S24-7 Sextants, navigating.  
 F31-3 Sextants and octants, navigating.  
 P13-7 Sexual perversion.  
 EF13-23 Seychelles (British).  
 ARS9 **SHACKLE.**  
 S12-5 Shackle, lifting, towing.  
 S92 Shackle tool sets.  
 S26-3 Shackles, and shackling tools, anchor chains.  
 SS235 **SHAD.**  
 N37-3 Shades, household.  
 N38-3 Shades, nonhousehold.  
 YFB2079 **SHADY SIDE** (stricken).  
 S53 Shaft bearings, blowers.  
 F21-1 Shaft, cam, crank and engine.  
 S65-5 Shaft revolution counters, and indicators, signal system.  
 S11-5 Shaft tunnel.  
 F22 Shafting, aircraft transmission.  
 S43 Shafting and bearings.  
 S91-2 Shafting, belting, hangers, and pulleys.  
 S71-8 Shafting, flexible, fire control.  
 S41 Shafting, main propelling machinery.  
 S22 Shafting, steering gear.  
 S75-1 Shafting, torpedo.  
 F32 Shafting, transmission, control systems.  
 S43-1 Shafts and bearings.  
 F15-3 Shafts and platforms, climbing.  
 A4-3 Shake-down cruises.  
 JJ7-10 Shale oil.  
 NZ7 Shale oil reserves.  
 EN8-27 Shanghai, China, inspector of machinery.  
 NR97 Shanghai, China, radio traffic station.  
 S92 Shank, pouring.  
 S91-2 Shapers and planers.  
 S28-4 Shapes, masthead.  
 S70-3 Shapes, signal.  
 H2-18 Shapes, time.  
 SS174 **SHARK.**  
 DD281 **SHARKEY** (stricken).

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P15 Sharpshooter's medals.  
 AE6 **SHASTA.**  
 DD68 **SHAW** (stricken).  
 DD373 **SHAW** (new).  
 S17-1 Shear legs.  
 N31-7 Shear legs, shore.  
 S92 Shears and punches.  
 S39 Sheathing.  
 S11-1 Sheathing outside plating.  
 F45-2 Sheaves, blocks, and fair-leads, handling, mooring, and  
 towing gear.  
 S76-2 Sheaves and fair-leads, depth charges.  
 F32 Sheaves, fittings, fair-leads, pylons, control system.  
 F4-1 Shed and berthing expenses, building.  
 F6-4 Shed, mooring.  
 N12-5 Sheds, gun.  
 N10-5 Sheds and houses, airplane engine testing, structures.  
 N5 Sheds, shop structures.  
 N6 Sheds, storage structures.  
 N13 Sheds, transportation structures.  
 S12-5 Sheds, water.  
 S5 Sheer plan.  
 N5-3 Sheet-metal shops.  
 S91-1 Sheet-metal shop.  
 S51-1 Sheets, shell, head and tube, boilers.  
 S78-1 Sheets, test, powder, ammunition.  
 S58 Sheets, tube, condenser.  
 S56-1 Sheets, tube, feed-water heaters.  
 S46-5 Sheets, tubes and supporting plates, condensers.  
 AM62 **SHELDRAKE.**  
 S11-4 Shelf, armor.  
 S36-2 Shelf and cabinets, barber shop.  
 S72-1 Shelf plate, turrets.  
 JJ52-5 Shellacs.  
 S46-5 Shell and exhaust connection, condensers.  
 S51-1 Shell, head and tube sheets, boiler.  
 S72-10 Shell-hoists, brakes, electric motors, turret guns.  
 N6-62 Shell house and bomb stowage, magazines.  
 S58 Shells, distilling.  
 S11-1 Shells, hull, structural.  
 A5-9 Shells, painting of, gunnery exercises.  
 N12-7 Shelters, bombproof.  
 S36-2 Shelves, barber shop.  
 S34-2 Shelves and dressers, messing.  
 S37-2 Shelves, medical.  
 S32-9 Shelves, racks, hooks, and drawers, office equipment.  
 S92 Shelves and racks, tool.  
 ZR1 **SHENANDOAH** (stricken).  
 S72-5 Shield, turret gun slides.  
 F21-1 Shielding, radio engine.  
 DD596 **SHIELDS.**  
 S73-2 Shields, gun and spray, broadside mounts.  
 S41-6 Shifting gear, engines.  
 S43-1 Shifting gear and propeller clutch.  
 A4-3 Ship and aircraft movements.  
 S71 Ship-bearing systems, fire control.  
 S28 Ship, designation and nomenclature.  
 S24 Ship control.

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S22 Ship-control gear, automatic and adjustable stops on.  
 S86-1 Ship-control instruction apparatus.  
 P11-2 Ship libraries.  
 L4-3 Ship and material cost-plus contracts.  
 S Ship material groups.  
 S1-1 Ship models.  
 F6-4 Ship, mooring to.  
 L11-4 Ship sales.  
 S30-1 Ship service room.  
 S65-1 Ship service telephone systems.  
 FS Ship or ships.  
 A10-6 Ship and station papers (magazines).  
 JF Ship stores and canteens.  
 S91 Ship upkeep shops and equipment.  
 N18 Ship ways.  
 P8-1 Ship and yards, trades for.  
 S83 Ships, airplane handling and stowage on.  
 S8-2 Ship's canvas awnings.  
 L13-2 Ships, cargo and personnel insuring.  
 S36-5 Ship's cleaning equipment.  
 A9-11 Ship's data book, United States Navy.  
 S1 Ships, design of.  
 L11-1 Ships in distress.  
 L9-3 Ship's force, work to be performed by.  
 S16-4 Ship's gangway.  
 A12-1 Ship's machinery history.  
 S24 Ship's navigational instruments, foundations, and fittings.  
 A4 Ship's, operations of vessels or aircraft.  
 QS Ships, other than Navy.  
 S32-9 Ship's seal.  
 FF10 Ships on special duty.  
 N6-51 Ship's stores, storehouse.  
 S30-1 Ship's stores, storeroom, and service room.  
 S36-3 Ship's tanks, potable water.  
 IX Ships, unclassified.  
 L20-1 Shipboard quarters.  
 S86-6 Shipboard rifle ranges.  
 EN1-13 Shipbuilding, Coordinator of.  
 N31-2 Shipbuilding and fitting-out cranes.  
 EN25 Shipbuilding, supervisors of.  
 MA Shipfitters, enlisted.  
 N5-64 Shipfitter's shop.  
 L9-2 Shipkeepers, cost of.  
 L21 Shipment.  
 H4-5 Shipment notices, meteorological and aerological instruments.  
 L13-2 Shippers, private, insuring of.  
 EQ Shipping Board.  
 GK Shipping Bureau, American.  
 L21-7 Shipping Guide, naval.  
 N5-63 Shipwright's shed.  
 DD318 **SHIRK** (stricken).  
 H1-10 Shoals, rocks, reefs, and banks, hydrography.  
 F13-11 Shock absorbers.  
 F13-2 Shoe, landing gear.  
 S33 Shoe-repair shop and outfits.  
 S43-2 Shoes, thrust bearings.  
 N4-9 Shooting gallery.  
 P13-4 Shooting (misconduct and discipline).

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S36-2 Shop, barber.  
 P8-1 Shop committees, complaints of.  
 N33-17 Shop express systems.  
 L10-3 Shop, industrial accounting.  
 A3-2 Shop management.  
 N5 Shop structures.  
 N4 Shops, barber, butcher, and cobbler.  
 S91 Shops and equipment, ship upkeep.  
 S33-5 Shops, shoe-repair and tailor.  
 L10-3 Shops, title Z, accounting systems.  
 P16-3 Shore duty.  
 L5-4 Shore establishment inspections.  
 N Shore establishment materials.  
 L11-9 Shore establishment, naval bureaus and officers, transfers,  
 loans, and work between.  
 A2-5 Shore establishment regulations.  
 NA-NZ Shore establishments.  
 N21 Shore establishments, designations.  
 QL Shore patrol.  
 A4 Shore stations, ships, and aircraft.  
 P16-1 Shortage of personnel.  
 P13 Shortage (misconduct and discipline).  
 L6-1 Shortages in deliveries.  
 L21-5 Shortages, shipments in transit.  
 H5 Short-range director and battle practices.  
 S94 Shot or throwing lines, salvage.  
 F41-11 Shotguns.  
 S79-4 Shotguns.  
 S73-1 Shoulders, broadside guns.  
 S72-4 Shoulders, turret guns.  
 S51-5 Shovels, boiler furnace.  
 N34-19 Shovels, steam.  
 S70-1 Shower, smoke and star rockets, sight-signaling.  
 S36-1 Showers.  
 S37-2 Showers, medical.  
 P10-2 Shows, motion picture and commercial films.  
 S78-1 Shrapnel, ammunition.  
 F41-6 Shrapnel, bombs.  
 N5-10 Shrinkage pits.  
 S73-1 Shrinkages, broadside guns.  
 S72-4 Shrinkages, turret guns.  
 S41-4 Shrouding, turbine.  
 S18-1 Shrouds.  
 N1-2 Shrubbery, plants and trees.  
 DD268 **SHUBRICK** (stricken).  
 DD639 **SHUBRICK** (new).  
 S72-10 Shutters, ammunition-hoist, turret.  
 S75-2 Shutters and bow cap, torpedo.  
 S55-4 Shutters, fuel-oil burners.  
 S73-2 Shutters, gun port, broadside mounts.  
 S53 Shutters, intake truck, blowers.  
 S13-5 Shutters, peepholes and sightholes, conning tower  
 S66 Shutters, signaling, searchlight.  
 F25-2 Shutters, temperature control.  
 F35-1 Shutters, ventilating.  
 S38-1 Shutters, ventilating and heating.  
 S14-1 Shutters, wood, deck covering.  
 EF65 Siam.  
 DM21 **SICARD** (ex-DD346).

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S37-1 Sick bay.  
 N9-3 Sick bay, shore.  
 P3-2 Sick call.  
 P18-1 Sick leave.  
 N9-1 Sick officers' quarters.  
 S13 Side armor and plates.  
 A15-1 Side boys.  
 S18-2 Side curtains.  
 S11-4 Side keelson.  
 S64-5 Side lights, electric.  
 S12-2 Side nettings for life line.  
 EN9-120 Sidney, Ohio, navy cost inspector, Monarch Machine Tool Co.  
 A16-3 Sieges; blockades; bombardments, warfare operations.  
 AD18 **SIERRA.**  
 EF13-35 Sierra Leone (British).  
 P16-5 Sight setters, assignment and detail.  
 N5-80 Sight shop.  
 S70 Sight signaling apparatus, intership.  
 S71-8 Sighting boards, fire control.  
 S74-3 Sights, antiaircraft guns.  
 S13 Sights, armor protection.  
 S73-3 Sights, broadside guns.  
 F31-3 Sights, drift.  
 S71-8 Sights, fire-control.  
 F41 Sights, ordnance.  
 S79 Sights and telescopes, field and machine guns, small arms and equipment.  
 S75-2 Sights, torpedo-tube.  
 S72 Sights, turret-gun.  
 A6-3 Signal books.  
 S24-6 Signal bridge or platform.  
 NC74 Signal, communications, radio, yeomen, storekeepers, cooks and bakers, naval training schools.  
 F36-9 Signal lights.  
 S64-5 Signal lights, electric (except searchlights).  
 P1-1 Signal numbers.  
 EW17 Signal officer, chief, War Department.  
 S65 Signal systems, interior-communication.  
 N28-6 Signal towers, shore.  
 A6 Signals, communications.  
 F42 Signals, radio.  
 S71-1 Signals, salvo, fire control.  
 S70 Signals, sight, intership apparatus.  
 S66 Signaling searchlights and shutters.  
 H2-13 Signaling station, submarine, navigational aids.  
 N20-8 Signaling stations, submarine (structures only).  
 A5-13 Signaling, visual competition.  
 MS Signalman.  
 P1-1 Signature and official signature.  
 L12-1 Signing of checks.  
 A6-5 Signing of correspondence.  
 DD81 **SIGOURNEY** (stricken).  
 DD643 **SIGOURNEY** (new).  
 DD502 **SIGSBEE.**  
 EF13-12 Sikkim (British).  
 H1-16 Silent areas, aberrations, hydrographic.  
 F43-1 Silk cloth and substitutes, cords, tapes, parachute.  
 S73-2 Sill plates, gun-port, broadside guns.

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S33-6	Silver cabinets.
S19-3	Silver, copper, tin, nickel, etc., plating.
F38-3	Silver finish.
JJ46-15	Silver, metals.
S34	Silver service and cleaning outfit, messing.
L22-2	Silver services, presented.
SS236	<b>SILVERSIDES.</b>
EC19	Simplified practice, division of, Department of Commerce.
DD221	<b>SIMPSON.</b>
DD409	<b>SIMS.</b>
L5-2	Simulative tests.
DD275	<b>SINCLAIR</b> (stricken).
P7	Single or married.
EF16	Sin-Kiang (China).
L18	Sinking fund.
S75-1	Sinking of torpedoes.
L11-1	Sinkings, casualties and salvage.
S37-2	Sinks, bathtubs, lavatories, medical.
S34-2	Sinks, commissary.
S85	Sinks, photography.
S36-1	Sinks, toilet.
QW17	Sino-Japanese War.
AT15	<b>SIOUX.</b>
S75-1	Siphons, torpedo.
PY13	<b>SIREN.</b>
S48-24	Sirens, whistles, installed fog horns.
AK15	<b>SIRIUS.</b>
KP133	Sitka, Alaska, marine detachment.
NA32	Sitka, Alaska, naval air station.
NR80	Sitka, Alaska, radio traffic station.
NB59	Sitka, Alaska, section base.
L21-4	Situations, car orders, shipments.
ND16	Sixteenth Naval District.
ND6	Sixth Naval District.
L2-1	Sizes, specifications.
S11-3	Skeg, lower.
S22	Skeg, steering gear.
F13-10	Ski landing gear.
F13-2	Skids, landing gear.
AM115	<b>SKILL.</b>
S68	Skin and keel type oscillators, parts and spares, sound signaling under water.
AMc53	<b>SKINNER.</b>
SS184	<b>SKIPJACK.</b>
AMc104	<b>SKIPPER.</b>
A16-3	Skirmishing, warfare operations.
AM63	<b>SKYLARK.</b>
S12-3	Skylights.
N19-9	Skylights, windows and sashes, buildings.
S92	Slabs, bending.
P13-2	Slackers and draft dodgers.
S32-9	Slats for plan storage.
S92	Sledges.
S82-10	Sleds, sea, boats.
F34-1	Sleeping bags.
L20	Sleeping-car rates and service, travel.
S79-4	Sleeping and head nets, landing force.
P13-2	Sleeping on post.
S43	Sleeves, shafting and bearing.

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F4-10 Sleeves, targets.  
 N33-8 Sleighs.  
 S73-1 Slewing devices, broadside guns.  
 S51-5 Slice bars, boiler furnace.  
 F49-7 Slide rules.  
 S71-8 Slide rules, fire control.  
 S74-2 Slides antiaircraft gun mounts.  
 S73-2 Slides, broadside mounts.  
 S85-1 Slides, lantern, photography.  
 S72-5 Slides, turret guns.  
 F45-4 Slings, hoisting (H/A).  
 S78-2 Slings, projectile, ammunition handling.  
 S79-4 Slings and straps, canteens.  
 S76-1 Slip hooks, mine.  
 S48-23 Slip joints and expansion, piping.  
 F27-1 Slip storage, fuel tanks.  
 S41-2 Slippers, crosshead, steam engine.  
 N15-8 Slips and basins, water front structures.  
 DD316 **SLOAT** (stricken).  
 S36-4 Slop chutes.  
 S13-2 Sloping armor.  
 F11-6 Slots, wing group.  
 F32-5 Slotting wing, wing form control.  
 SYR Sludge-removal barge.  
 N23-8 Sluice and sluice gates.  
 S75-2 Sluice valves, torpedo tubes.  
 F38-4 Slushing compound, preservation coating.  
 F41-11 Small arms and equipment.  
 S79 Small arms and equipment, field and machine guns.  
 A5 Small arms competition.  
 NC65 Small arms firing school.  
 H3-3 Small boats, obstructing navigation.  
 N4-6 Small stores, buildings for issue of.  
 JJ55 Small stores (clothing, uniforms, etc.)  
 DD565 **SMALLEY**.  
 P2-1 Smallpox.  
 DD378 **SMITH**.  
 NX56 Smith Island, Wash., radio direction finder station.  
 DD324 **SMITH, ROBERT** (stricken).  
 DD212 **SMITH, THOMPSON** (stricken).  
 N5-11 Smitheries, shop structures.  
 S91-1 Smithery, blacksmith shop.  
 EB Smithsonian Institution.  
 S70-1 Smoke bombs and rockets, sight signaling.  
 F41-15 Smoke candles.  
 H3-4 Smoke and fog, obstructions to navigation.  
 P3-2 Smoke and gas, remedial apparatus and treatment.  
 F41-12 Smoke and gas warfare apparatus.  
 S77 Smoke and gas warfare apparatus.  
 S51-3 Smoke indicators, boiler.  
 S28-4 Smoke pipe figures, paint bonds, etc.  
 S34-2 Smoke pipes, galley.  
 S52 Smoke pipes and uptakes.  
 A5-7 Smoke-prevention runs, engineering performance.  
 S78-1 Smoke projectiles, ammunition.  
 A16-3 Smoke screens (war).  
 S65-5 Smoke telegraph systems.  
 S78-3 Smokeless-powder samples, cartons for.  
 P10-2 Smokers.

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S16-6 Smokestack and turret foot rails.  
 P3-1 Smoking habit.  
 JJ56-4 Smoking tobacco.  
 S93 Smothering system, steam, fire extinguishing.  
 P13-5 Smuggling (drugs, narcotics, and liquors, etc.).  
 SS185 **SNAPPER**.  
 SS279 **SNOOK**.  
 N34-14 Snowplows.  
 S35 Soap tank.  
 NX57 Soapstone Point, Alaska, radio direction finder station.  
 GB Social Hygiene Board, interdepartmental.  
 P16-7 Social list.  
 P8 Social relations.  
 L14-1 Social Security tax.  
 P9-2 Socialists.  
 P9-1 Societies, political.  
 L12-1 Societies, thrift.  
 S92 Sockets and chucks, drill.  
 S17-2 Sockets, flagstaff.  
 A12-2 Sockets, rail, ridge, and awning stanchions.  
 N1-2 Sod, seeding, grass, lawns, and loam.  
 F20-1 Soda, caustic, inflation gas.  
 JJ59-1 Soda lime.  
 N6-68 Soda storehouse.  
 F38-3 Sodium silicate finishing process.  
 P13-7 Sodomy.  
 S33-6 Sofas.  
 N25-5 Softening and treating plants, water.  
 N1-5 Soil, test of.  
 S37-2 Soiled-linen boxes, medical.  
 EF13-6 Sokopra (British).  
 AH2 **SOLACE** (stricken).  
 AH5 **SOLACE** (new).  
 S92 Solder pots and soldering irons.  
 F7 Soldering.  
 HZ Soldiers' Home, United States.  
 S63-4 Solenoids, electric, power application.  
 S71 Solenoids, fire control and torpedo firing.  
 F41-14 Solenoids, machine-gun synchronizers.  
 L22-1 Solicitations for aid.  
 P9-1 Soliciting for political purposes.  
 EA3 Solicitor, Department of Agriculture.  
 EJ13 Solicitor for Department of Commerce.  
 EI30 Solicitor, Department of the Interior.  
 EJ14 Solicitor for Department of Labor.  
 EJ8 Solicitor for Department of State.  
 EJ2 Solicitor General.  
 EJ10 Solicitor of Internal Revenue.  
 EJ9 Solicitor for Treasury Department.  
 EP3 Solicitor's division, Post Office Department.  
 P13-9 Solitary confinement, punishment.  
 NE19 Solomon's Island, Md., magnetic proving ground.  
 F38-1 Solvent, dope, finish.  
 S71 Solver, fire and torpedo control.  
 EF28-9 Somali Coast (French).  
 EF36-3 Somaliland (Italy).  
 EF13-24 Somaliland, Protectorate (British).  
 DD301 **SOMERS** (stricken).  
 DD381 **SOMERS** (new).

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P10-4 Songs and airs, patriotic.  
 S68 Sonic depth finders.  
**AT12 SONOMA.**  
 S51-3 Soot blowers, boiler.  
 S32-9 Sorting table, post office.  
**YT9 SOTOYOMO.**  
 S17-1 Sound booms and fittings.  
 S85-4 Sound motion pictures and reproducers.  
 S71-8 Sound-proof booths, fire-control.  
 S65-7 Sound-proof booths and relay stations, interior communications.  
 S39-1 Sound-proof lagging or insulation.  
 S68 Sound signaling apparatus, underwater. See Bureau of Ships pamphlet R.E-1A-107 for itemized list.  
 A6-3 Sound signaling, communications.  
 A5-11 Sound-signaling competition.  
 F42-2 Sound signals.  
 H1-16 Sound, waves and echoes.  
 NC83 Sound School, West Coast, San Diego, Calif.  
 S87 Sound-timing device, torpedo.  
 S24 Sounding, ship control.  
 S48-9 Sounding tubes and air escapes (vents), piping.  
 H1-17 Soundings, deep-sea.  
 QX4 Sounds, straits, and channels (narrows).  
 A17-1 Sources of law, systems.  
 EF13-25 South Africa (British).  
 QG2-2 South America.  
 EF13-45 South Australia (British).  
 EN6-17 South Bethlehem, Pa., inspector of ordnance.  
 NY2-1 South Boston, Mass., navy yard.  
 NM21 South Brooklyn, N. Y., (Old Armory) (Lend-Lease), navy receiving station.  
**BB26 SOUTH CAROLINA (stricken).**  
 EG41 South Carolina.  
 KP109 South Charleston, W. Va., marine post.  
 NP5 South Charleston, W. Va., naval ordnance plant.  
 EN9-36 South Charleston, W. Va., navy cost inspector, Carnegie Steel Corporation.  
 FF6-2 South China Patrol, Asiatic Fleet.  
**BB49 SOUTH DAKOTA (stricken).**  
**BB57 SOUTH DAKOTA (new).**  
 EF42 South Dakota.  
 NX30 South Pass, La., radio direction-finder station.  
 EN8-8 South Philadelphia, Pa., inspector of machinery.  
 NB86 Southport, N. C., section base.  
 EF13-27 South West Africa (British).  
 NA80 South Weymouth, Mass., naval air station.  
**DMS10 SOUTHARD (ex-DD207).**  
 EI29 Southern Appalachian National Park Commission.  
 EN24-10 Southern Area, inspector of naval material.  
 NG2 Southern Atlantic naval coastal frontier forces.  
 KR5 Southern Division, marine recruiting corps.  
 KT4 Southern Division, marine reserve detachment.  
 NG3 Southern Pacific naval coastal frontier forces.  
 NL43 Southern and Southeastern divisions, navy recruiting inspectors.  
**IX26 SOUTHERY.**  
 L22-3 Souvenirs (gifts).  
 P9-2 Sovietietism (political relations).

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S83-1 Space for hangars, airplane.  
 EN1-23 Space Office, Secretary of the Navy  
 S51-4 Spaces, boiler.  
 S30-1 Spaces, general cargo.  
 N1 Spaces, testing, erecting, parking, grounds.  
 EF66 Spain.  
 S13-1 Spalls, defective armor.  
 QW8 Spanish-American War.  
 S93 Spanners, nozzles, and stowage, fire fighting.  
 S72-10 Spanning trays, turret guns.  
 F29-2 Spare parts.  
 S54-2 Spare parts, ash ejector and expellers.  
 S53 Spare parts, blower.  
 S46-5 Spare parts, condensers.  
 S22 Spare parts, diving rudder and gear.  
 S61 Spare parts, electric-power generators.  
 S56-1 Spare parts, feed-water heater.  
 S31 Spare parts, general.  
 F36-1 Spare parts, generators.  
 S41 Spare parts, main propelling machinery.  
 S47 Spare parts, pump.  
 S67 Spare parts, radio (pump).  
 S42 Spare parts, reduction gear.  
 S59 Spare parts, refrigerating machines.  
 S94 Spare parts, salvage.  
 S66 Spare parts, searchlights.  
 S25 Spare parts, towing motors and engine.  
 S68 Spares, C, K, MV tubes and parts, sound signaling.  
 S79 Spares and accessories, field and machine guns, small arms  
 and equipment.  
 S81-1 Spares and gear, mine sweeping.  
 F21 Spark plugs and control levers, engine.  
 S41-3 Spark plugs, motorboat engines.  
 S67 Spark telegraph systems.  
 YN53 **SPARROW** (ex. AMc31 and YT172, now **Marin**).  
 S72-11 Spars, backing out, projectile, turret.  
 S17 Spars, towers, cranes, derricks and masts.  
 S24-12 Spars, towing.  
 GJ2-1 Speaker, House of Representatives.  
 A15-2 Speakers, requests for.  
 SS190 **SPEARFISH**.  
 S16-6 Special access.  
 EN1-20 Special assistant to the Secretary of the Navy, New York,  
 N. Y. (shipbuilding campaign).  
 MY Special branch, enlisted.  
 A17-3 Special civil jurisdictions.  
 L4-3 Special contracts.  
 L11-5 Special deposits, general.  
 L12-1 Special deposits, investments and deposits.  
 P16 Special duties, assignment and detail.  
 L16 Special detail, pay for and expenses of.  
 P14-4 Special enlistment.  
 F5-1 Special forms, molds.  
 S12-5 Special hull fittings.  
 EN9-71 Special Inspectors Group.  
 A2-12 Special instructions.  
 S32-8 Special offices.  
 S48-22 Special piping systems.  
 S19-5 Special preservative processes.

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S47 Special pumps.  
 L1-2 Special purposes, allotments of appropriations.  
 EN28-2 Special representative of Bureau of Ships, Gulf area, headquarters, New Orleans.  
 F1-4 Special requirements, contract.  
 FF8 Special service squadron.  
 S30 Special storage or stowage arrangements.  
 P4-1 Special surgery.  
 S92 Special tools and bridge gauges.  
 N9-2 Special treatment, buildings.  
 S82-3 Special type boats.  
 KU Special units, Marine Corps.  
 ML19 Specialists, Marine Corps.  
 P3-2 Specialists, treatment by.  
 P3-3 Specialities (medical).  
 L2 Specifications.  
 F1 Specifications for building designs.  
 S1 Specifications for building ships.  
 JJ Specifications, leaflet (see alphabetical list).  
 A7-1 Speech, freedom of.  
 A15-2 Speeches, ceremonies.  
 AM116 **SPEED.**  
 A5-7 Speed, engineering performances.  
 N15-1 Speed-boat piers.  
 S70-3 Speed cones.  
 S65-5 Speed flag telegraphs, and indicators, visible signals.  
 S21 Speed gear, hydraulic.  
 S26-1 Speed gear, hydraulic, mooring machinery.  
 S22 Speed gear for rudder control, hydraulic.  
 S72-2 Speed gears, hydraulic, turrets.  
 N20-11 Speed and trial courses, structures.  
 S8-2 Speed trials.  
 DD512 **SPENCE.**  
 AS12 **SPERRY.**  
 EN6-8 Sperry Gyro Co., Brooklyn, N. Y., inspector of ordnance.  
 AK16 **SPICA.**  
 EF50-1 Spitsbergen (Norway).  
 IX49 **SPINDRIFT.**  
 S41 Splash plates, main propelling machinery.  
 S85-1 Splicing stands, motion picture.  
 S11-5 Splinter bulkheads.  
 S81 Splinter, mine, torpedo, and bomb protection (other than structural).  
 CL97 **SPOKANE.**  
 S13-2 Sponson armor.  
 S73-2 Sponsons, broadside mounts.  
 F6-2 Sponsors, launching.  
 S6-2 Sponsors, launching.  
 L11-1 Spontaneous combustion.  
 S48-23 Spools, cast iron for piping.  
 S75-2 Spoons, torpedo tubes.  
 P10-1 Sports.  
 H1-15 Spots, oil.  
 A5-9 Spotters (gunnery exercises).  
 S71-1 Spotters, main battery fire control.  
 S86-2 Spotting boards and gear, instructions.  
 S71 Spotting devices, and instruments, fire control.  
 A5 Spotting practices.  
 S78-1 Spotting projectiles, ammunition.

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N19-13 Spouts, down, and gutters, buildings.  
 YFB1059 **SPRAY** (stricken).  
 N23-9 Spray and cooling ponds.  
 S71-8 Spray device, optical instrument, fire control.  
 F38-3 Spray, metal coating, finish.  
 S73-2 Spray shields, broadside mounts.  
 N34-17 Sprayers, paint.  
 A16-3 Spraying and sprinkling liquids, aerial, warfare.  
 S75-1 Sprays, torpedo.  
 S12-2 Spreaders and ridge bars, awning.  
 S72-5 Spring compressor, turret-gun slides.  
 CL66 **SPRINGFIELD**.  
 NL4 Springfield, Mass., recruiting station.  
 EN9-153 Springfield, Ohio, navy cost inspector, National Supply Co.  
 F32 Springs, balance, elevator and rudder controls.  
 S75-1 Springs, calibrating and test, torpedo.  
 S73-2 Springs, compressors, gun mount, broadside guns.  
 S72-5 Springs, counter recoil, turret gun slide.  
 N27 Sprinkler system, automatic.  
 N34-12 Sprinkling carts.  
 S48-3 Sprinkling and flooding system, fire mains, piping.  
 F32-4 Sprockets, stabilizer control.  
 DM13 **SPROSTON** (stricken).  
 DD577 **SPROSTON** (new).  
 S24-7 Spyglasses and binoculars, navigational.  
 S71-8 Spyglasses, fire-control.  
 OF6 Squadron commander.  
 FV Squadrons (aircraft).  
 FC Squadrons (vessels).  
 SS192 **SQUALUS** (now **SAILFISH**).  
 NA67 Squantum, Mass., naval air station.  
 NB6 Squantum, Mass., naval operating base.  
 NA17 Squantum, Mass., naval reserve aviation base.  
 S72-6 Squares, cap, turret guns.  
 S71-1 Stable zenith instruments, main battery.  
 S29 Stability, integrity and weight (seaworthiness).  
 S71-8 Stabilized instruments, fire-control.  
 F32-4 Stabilizer controls.  
 F12-1 Stabilizers.  
 F41 Stabilizers, ordnance.  
 S29-4 Stabilizers and stabilizing devices.  
 S78-2 Stabilizing device, ammunition handling.  
 S87 Stabilograph.  
 N13-2 Stables.  
 DD406 **STACK**.  
 F21-2 Stacks, collector wings, on exhaust manifold, engine.  
 N7-9 Stacks, flues, and chimneys, power plants.  
 S24-9 Stadimeter, periscope.  
 S71-8 Stadimeters, fire control.  
 AM114 **STAFF**.  
 P16-3 Staff, duty.  
 KS Staff office, Marine Corps and unit.  
 P17-1 Staff officers, exercise of command.  
 OK Staff officers, general.  
 S16-6 Stages, cleaning and painting.  
 S94 Stages, decompression.  
 S4 Staging.  
 F4-1 Staging, building.  
 N19-10 Stairways, building.

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S16-4 Stairways.  
 YT120 **STALLION.**  
 AMc105 **STALWART.**  
 EN25-4 Stamford, Conn., supervisor of shipbuilding, Luders Marine  
           Construction Co.  
 EN7-27 Stamford, Conn., superintending constructor, Luders Co.  
 S32-9 Stamp table counter.  
 L14-1 Stamp tax.  
 EP8 Stamps, Post Office Department.  
 A6-4 Stamps, mail.  
 L12-2 Stamps, war-saving.  
 F13 Stanchions, body group.  
 S11-9 Stanchions, hull structural.  
 S12-2 Stanchions, rail and awning.  
 L10-5 Standard classification of expenditures (accounting).  
 EN9-115 Standard Machinery Co., Cranston, R. I., navy cost  
           inspector.  
 F13 Standard parts, body group.  
 F10-2 Standard parts, nacelle.  
 F29-3 Standard parts, naval aircraft factory.  
 F12 Standard parts, tail group.  
 F11 Standard parts, wing group.  
 L4-2 Standard samples (purchasing).  
 L7-2 Standard stock and stock catalogue.  
 H7 Standard time.  
 L2-4 Standards, weights and measures.  
 EC8 Standards, Bureau of Department of Commerce.  
 N10-5 Stand houses, test, aircraft.  
 S32-9 Standing, flat-top and typewriter desks.  
 S18-1 Standing rigging.  
 N25-1 Standpipes, water.  
 S74-1 Stands, antiaircraft guns.  
 S93 Stands and buckets, fire fighting.  
 F29-1 Stands, engine overhaul.  
 F21-8 Stands, engine test.  
 S91-2 Stands, engine test.  
 S37-2 Stands for instruments, dressings.  
 S73-2 Stands, mounts, broadside guns.  
 S24 Stands, peloruses and ship's telescope.  
 N4 Stands, personnel structures.  
 S85-1 Stands, splicing, motion picture.  
 S22 Stands, steering.  
 F32 Stands, steering, elevator controls and rudder.  
 S75 Stands, torpedo handling, tubes and launching gear.  
 S8-2 Standardization trials.  
 A5-7 Standardization trials, engineering performance.  
 DD478 **STANLY.**  
 DMS8 **STANSBURY** (ex-DD180).  
 S12-1 Staples, mooring.  
 S29-6 Stapling.  
 S73-1 Star-gauging, broadside guns.  
 S72-4 Star-gauging, turret guns.  
 S71-7 Star-shell battery control.  
 S70-1 Star, smoke and shower rockets, sight signaling.  
 A15-3 Star Spangled Banner.  
 S35 Starch cooker.  
 AM64 **STARLING.**  
 F24 Starting apparatus and equipment.  
 S41 Starting apparatus, main propelling machinery.

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S75-1 Starting gear and levers, torpedo.  
 YT120 **STALLION.**  
 F21-1 Starter drive and jaw.  
 GW State appellate courts.  
 GX State courts.  
 L14-1 State gasoline tax.  
 A12-3 State papers.  
 NF5 State prisons and naval prisons.  
 GV State supreme courts.  
 P13-1 State of war.  
 L10-3 Statements, expense.  
 A17-15 Statements of injured persons, competence of evidence,  
         courts-martial.  
 EN8-33 Staten Island, N. Y., inspector of machinery.  
 EN7-17 Staten Island, N. Y., superintending constructor, United  
         Dry Docks.  
 EN25-16 Staten Island, N. Y., supervisor of shipbuilding, Bethlehem  
         Steel Co.  
 L20-5 Stateroom rates.  
 S33 Staterooms.  
 EA19 States relation service, Department of Agriculture.  
 EG States, territories, and dependencies.  
 A6-2 Static, radio.  
 H4-9 Static electricity.  
 F1-2 Static test.  
 S24-11 Station, airplane observation.  
 P16-3 Station billets, detail.  
 P13-8 Station and duty, absence from, over and without leave.  
 S37-1 Station, emergency dressing.  
 N39 Station equipment.  
 A10-6 Station magazines, papers.  
 S71-8 Station-plotting, (nonstructural).  
 N3 Stations, administration.  
 P16-3 Stations, battle.  
 N4-14 Stations, comfort.  
 S88-2 Stations, damage control.  
 N27-5 Stations, fire, hose-reel houses.  
 S24-2 Stations, lookout (crow's nest).  
 NS Stations, naval.  
 H2-9 Stations, range finder.  
 N20-8 Stations, submarine signaling.  
 S71-1 Stations, turret officer.  
 S91-2 Stationary equipment, workshop.  
 S93 Stationary fire extinguishers.  
 S32-9 Stationery and office supplies.  
 N36-5 Stationery and office supplies.  
 H4-10 Statistics and averages, weather, climatology.  
 A9 Statistics and reports.  
 L10-3 Statistical machine system, industrial accounting.  
 A3-4 Status of business, bureau, report of.  
 A14-6 Status of nations, war and peace.  
 P17-1 Status of rank.  
 A4 Status of ships, aircraft, and shore stations.  
 L9-3 Status of work.  
 A17 Statutes, law and justice.  
 P14-2 Statutory employment.  
 L10-3 Statutory limit of repair work (accounting).  
 S3-1 Statutory surveys.  
 F3-1 Statutory surveys, reports of planning.

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S92 Staves, cleaner.  
 S54-1 Stays, coaling.  
 S51-1 Stays and tube sheets.  
 AM118 **STEADY.**  
 S43-2 Steady bearings.  
 S51 Steam boiler parts and fittings.  
 S38-2 Steam coils, heating.  
 F21 Steam engines and turbines.  
 S93 Steam fire extinguishers, bunkers, fuel-oil tanks, grate, with piping and valves.  
 S87 Steam gauges.  
 N34 Steam hammers and shovels.  
 S58-1 Steam heads, evaporator.  
 N26-2 Steam, hot-water systems.  
 S34-2 Steam-jacketed kettles and urns, tables.  
 S48-10 Steam piping.  
 P2-3 Steam sterilization, prevention of disease.  
 S41 Steam systems and equipment, main propelling machinery.  
 N26-3 Steam systems.  
 EC13 Steamboat Inspection Service, Department of Commerce.  
 S82-4 Steamers.  
 A5-7 Steaming data, engineering performance.  
 JJ46-1 Steel, metals.  
 S39-1 Steel sheathing.  
 N6-38 Steel storehouses.  
 S24-7 Steel tapes.  
 SS280 **STEELHEAD.**  
 JE4 Steerage mess.  
 S75-1 Steering and bevel gear and rods, torpedoes.  
 F32 Steering, control system.  
 F48-1 Steering devices, beaching gear.  
 S22 Steering and diving.  
 S64-5 Steering lights, electric.  
 S65 Steering signal systems, audible and visible, communications.  
 DD644 **STEMBEL.**  
 S81-2 Stem extension, paravane.  
 S11-8 Stem forging.  
 S79-4 Stems, gun, landing force.  
 S77-1 Stench producers, gas and smoke warfare.  
 S32-9 Stencil-cutting machines.  
 YP4 **STEPHANOTIS** (ex-Coast Guard Cutter 975).  
 DD538 **STEPHEN POTTER.**  
 F13 Steps, wedge, body group.  
 S71-8 Stereoscope, fire control.  
 P2-3 Sterilization, chemical, prevention of disease.  
 N25-4 Sterilization plants.  
 S37-2 Sterilizers, medical.  
 N9-5 Sterilizing, disinfecting, and fumigating buildings.  
 S35 Sterilizing outfit for clothes and bedding (unless in medical spaces).  
 EN9-89 Sterling Engine Co., Buffalo, N. Y., navy cost inspector.  
 F14-3 Stern.  
 S12-5 Stern hull fittings.  
 S11 Stern, hull structural.  
 F19-3 Stern outer cover.  
 S43 Stern shafting & bearings.  
 DD27 **STERRETT** (stricken).  
 DD407 **STERRETT** (new).

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A5-9 Sterrett, battleship fund awards.  
 L21-6 Stevedoring.  
 YS Stevedoring barges.  
 DD86 **STEVENS** (stricken).  
 DD479 **STEVENS** (new).  
 DD645 **STEVENSON**.  
 MC Steward, commissary  
 MB Steward, officers.  
 DD224 **STEWART**.  
 F32-3 Stick, aileron control.  
 S79-4 Stick bombs, landing force.  
 F18-2 Stiffeners and battens, nose, nonrigid gas envelopes.  
 F14-1 Stiffeners, bow.  
 S41-6 Stiffeners and brackets, main propelling machinery.  
 S11-5 Stiffeners, bulkhead.  
 S74-1 Stiffeners and foundations, antiaircraft guns.  
 S43-2 Stiffeners and foundations, bearings.  
 S53 Stiffeners and foundations, blowers.  
 S73-2 Stiffeners and foundations, broadside guns.  
 S54-3 Stiffeners and foundations, coal and ash handling.  
 S61 Stiffeners and foundations, dynamos.  
 S85-2 Stiffeners and foundations, photography.  
 S47 Stiffeners and foundations, pumps.  
 S42 Stiffeners and foundations, reduction gear.  
 S46-5 Stiffeners, foundations, saddle plates, condensers.  
 S91-2 Stiffeners and foundations, structural brackets.  
 S25 Stiffeners and foundations, towing engines and gear.  
 S11-1 Stiffening pads.  
 F44-1 Still photography.  
 S85-2 Still photography, aerial and ground.  
 A2-14 Still pictures, permits to take.  
 SS186 **STINGRAY**.  
 L11-2 Stock on hand.  
 F29-3 Stock materials and parts.  
 N30 Stock, rolling.  
 S22 Stock, rudder.  
 L7-2 Stock, standard.  
 N6-75 Stockrooms.  
 DD72 **STOCKTON** (stricken).  
 DD646 **STOCKTON** (new).  
 DD566 **STODDARD**.  
 AG18 **STODDERT** (stricken).  
 DD302 **STODDERT** (stricken).  
 S51-5 Stokers, hand and automatic, boiler furnaces.  
 S79-4 Stokes and mortar projectiles.  
 JJ59-5 Stone.  
 N34-10 Stone crushers.  
 S51-4 Stools, boiler.  
 S32-9 Stools, office.  
 S37-2 Stools, surgeon.  
 S75-2 Stop bolt, and valve spindles, torpedo.  
 S19-8 Stop compound, oil and water.  
 S51-3 Stop valves, boiler.  
 F31-3 Stop watch.  
 S71-8 Stop watch, fire control.  
 S24-7 Stop watches.  
 S74-2 Stops, antiaircraft, gun mounts.  
 S22 Stops, automatic and adjustable on ship-control gear.  
 S73-2 Stops, broadside mounts.

S29-8 Stops, oil and water.  
 S72-3 Stops, turret-turning machinery and fittings.  
 P14-4 Stoppage of enlistment.  
 L16-4 Stoppage of pay.  
 S26-5 Stoppers, chain and housing.  
 S29-8 Stoppers, leak.  
 F36-3 Storage batteries, boxes.  
 S62 Storage batteries, electric power distribution.  
 N5-56 Storage battery shop.  
 S69 Storage battery testing sets.  
 N9-7 Storage buildings for cans, disposal plants.  
 L11-8 Storage and care of commercial planes at government yards  
 and stations.  
 L12-2 Storage charges on shipments.  
 F34-4 Storage and fixtures, fresh-water, sanitation.  
 F27-1 Storage, fuel tanks.  
 N24 Storage plants, fuel.  
 N25 Storage plants, refrigeration and water (including for fire  
 control) (shore).  
 L9-6 Storage for preservation.  
 A6-6 Storage of records.  
 N6 Storage structures.  
 F24-4 Storage tank, air starter.  
 S45-4 Storage tanks, lubricating oil.  
 JF Stores and canteens.  
 JJ56-3 Stores, commissary.  
 L11-4 Stores, demobilization of, invoices.  
 L21-3 Stores to private parties, shipments of.  
 N4-6 Stores, small, buildings for issue of.  
 L10-3 Stores, Title Z, foundry and others (accounting).  
 N6 Storehouses, storage structures.  
 S30-1 Store-issuing rooms and storerooms.  
 MY Storekeeper, enlisted.  
 L11-2 Storekeeping, accounting under.  
 NC74 Storekeepers, cooks, bakers, communications, radio, signal,  
 yeomen, naval training schools.  
 S30 Storerooms and miscellaneous storage.  
 AF Storeships.  
 H4-6 Storm warning towers and signals.  
 N26-7 Storm-water sewers.  
 N37-6 Stoves, ranges, household.  
 N38-6 Stoves, ranges, nonhousehold.  
 S72-3 Stowage, accessories, gun and mount, turrets.  
 S54 Stowage, ash and coal.  
 YOS Stowage barges, oil.  
 YPK Stowage barges, pontoon.  
 S57 Stowage, and equipment, Diesel oil.  
 S79-1 Stowage, field and machine guns.  
 S93 Stowage, fire fighting.  
 S26-5 Stowage, foundations and accessories, mooring.  
 S15 Stowage, gasoline.  
 S33-6 Stowage, hammock.  
 S83 Stowage and handling airplanes on ships.  
 S84 Stowage and handling, airship, kite and balloon.  
 S78 Stowage and handling of ammunition (except turret).  
 S82-1 Stowage and handling boats.  
 S76-1 Stowage and handling, mines.  
 S75-3 Stowage, loading and handling of torpedoes and parts.

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S71-8 Stowage and optical instruments, fire-control appliances and apparatus.  
 S94 Stowage, salvage.  
 S30 Stowage, storerooms and miscellaneous.  
 N26-4 Stowage and systems, gas distribution.  
 L20-1 Stowaways.  
 S65-5 Stowing and releasing arrangement, submarine marker buoys.  
 P13-8 Stragglings.  
 S87 Strain gauges and indicators.  
 S81-1 Strain indicators, mine protection.  
 S76-1 Strain insulators, mines.  
 S49-3 Strainers, air plant.  
 S55-2 Strainers and baskets, fuel oil.  
 F27-2 Strainers and filters, fuel piping.  
 S15 Strainers, gasoline.  
 F26-4 Strainers, lubricating oil.  
 S45-1 Strainers, oil, lubrication.  
 S48-23 Strainers, pipe fittings.  
 S75-1 Strainers, torpedo.  
 QX4 Straits, channels, and sounds (narrows).  
 EF13-13 Straits settlements.  
 S11-4 Strakes, rubbing.  
 S78-3 Straps, ammunition-box.  
 S79-4 Straps and slings, canteens.  
 S75-3 Straps, torpedo handling.  
 A16-3 Strategy, war.  
 AP41 **STRATFORD** (ex AK45 Catherine).  
 EN11-25 Stratford, Conn., inspector of naval aircraft.  
 L-11-1 Stray and unclaimed material.  
 S78-1 Streamers, projectile ammunition.  
 S78-1 Streamline projectiles, ammunition.  
 S75-1 Streamline torpedoes.  
 S1-2 Streamlines.  
 N2-1 Streets.  
 N34-9 Street sweepers.  
 F1 Strength calculations and tests.  
 A3-1 Strength and distribution (organization & management).  
 P16-1 Strength and distribution, personnel.  
 S29-7 Strength of hull.  
 F14 Strength, hull structure.  
 A16-1 Strength, military, of other powers.  
 F1-2 Stress analysis, design.  
 S37-2 Stretchers.  
 DM1 **STRIBLING** (stricken).  
 P8-1 Strikebreakers, strikers, strikes.  
 S11-6 Striking angles and plates, deck (ship).  
 FE9 Striking force.  
 P13-4 Striking, injury.  
 A4-1 Striking from Navy List.  
 S11-4 Stringers, hull structure.  
 F13 Stringers, hull and landing gear.  
 APD6 **STRINGHAM** (ex-DD83).  
 S12-5 Stips, chafing for boat falls.  
 F13 Stips, edging and rubbing.  
 S73-3 Strips, range, sight, broadside guns.  
 F19 Strips, sealing, outer cover.  
 S72 Strips, turret guns.

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AM117 **STRIVE.**  
 S87 Stroboscopes.  
 DD467 **STRONG.**  
 S82-1 Strong backs, boat stowage.  
 S91-2 Structural brackets, foundations and stiffeners.  
 S11 Structural, hull, bulkheads.  
 S19-1 Structural, inside painting.  
 F44-3 Structural photography.  
 N5-1 Structural shops.  
 F15 Structure and fittings, auxiliary, hull.  
 F17-1 Structure and fittings, miscellaneous, car structure.  
 F10-2 Structure, Nacelle.  
 N3 Structures, administration.  
 N10 Structures, aviation.  
 F14-1 Structures, bow mooring.  
 S11-7 Structures, deckhouse.  
 S72-1 Structures and foundations, turrets.  
 N19-18 Structures, gas defensive, conditioning against attack.  
 S73-2 Structures, gun-port, broadside guns.  
 N8 Structures, laboratory and experimental.  
 N12 Structures, military.  
 N20 Structures, moorings and navigational aids.  
 N4 Structures, personnel, training and school buildings.  
 N7 Structures, power, pumping and gas-generating plants.  
 N11 Structures, radio.  
 N5 Structures, shop.  
 N6 Structures, stowage  
 N13 Structures, transportation.  
 H2-12 Structures, trees, earth formations, navigational aids.  
 N15 Structures, water front.  
 S43-2 Strut bearings and brackets.  
 S11-8 Strut casting, propeller.  
 F31-4 Strut thermometer.  
 F17-2 Struts and fittings, car suspension.  
 F13-3 Struts and wires, landing gear water type.  
 F12 Struts and wires, tail.  
 F11 Struts and wires, wing.  
 EN9-66 Struther-Wells Co., Titusville, Pa., navy cost inspector.  
 L8-2 Stub requisitions.  
 S75-1 Studs, guides, torpedo.  
 S43-2 Stuffing boxes, bulkhead, shafting.  
 S48-23 Stuffing boxes, piping.  
 S62-2 Stuffing and terminal tubes, electric power distribution.  
 SS187 **STURGEON.**  
 IX27 **STURGEON BAY** (stricken).  
 DD240 **STURTEVANT.**  
 L9-6 Subaqueous storage of coal.  
 F41-10 Subcaliber bombs.  
 S86-3 Subcaliber and excaliber attachment, guns.  
 L4-1 Subcontractors.  
 S79-4 Submachine guns.  
 S71-4 Submarine attack course, finders, plotting boards.  
 S86-1 Submarine attack teacher.  
 NB Submarine bases.  
 S62-4 Submarine batteries, propelling storage.  
 FB10 Submarine Chaser Divisions.  
 FC10 Submarine Chaser Squadrons.  
 PC Submarine chasers.  
 JJ55-1 Submarine clothing.

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SC Submarine cruiser (obsolete).  
 N20-12 Submarine defenses, structures.  
 S68 Submarine detecting apparatus, underwater signals.  
 EN3-5 Submarine Division, Navy.  
 FB5 Submarine divisions.  
 FF2-4 Submarine divisions, Battle Fleet (obsolete).  
 FF4 Submarine divisions control force, United States Fleet  
 (obsolete).  
 S70-1 Submarine ejector recognition sets, emergency identifica-  
 tion signals.  
 S41-5 Submarine engines, internal combustion, main propelling.  
 S11-1 Submarine inner shells.  
 YSP Submarine lifting pontoons.  
 S65-5 Submarine marker buoys and equipment.  
 S94 Submarine rescue apparatus.  
 ASR Submarine rescue ships.  
 N4-9 Submarine school building, submarine escape training tanks.  
 H2-13 Submarine signaling stations, navigational aids.  
 N20-8 Submarine signaling stations, structure.  
 FC5 Submarine Squadrons.  
 AS Submarine tenders.  
 S75-2 Submarine torpedo tubes.  
 SS Submarines.  
 S24-5 Submarines, control rooms on.  
 N6-77 Submarines, equipment and spares, storehouse for.  
 SF Submarines, fleet (obsolete).  
 S17-1 Submarines, lifting gear for.  
 SM Submarines, mine laying.  
 S63-2 Submarines, propelling motors.  
 FF12-10 Submarines, Scouting Force, Pacific Fleet.  
 A5-7 Submerged runs, engineering performance.  
 S75-2 Submerged torpedo tubes.  
 S75-1 Submergence tests, torpedo.  
 S8-2 Submergence trials.  
 S47 Submersible pumps.  
 P13-2 Subordinates, offenses against.  
 P13-2 Suborn testimony (attempt).  
 A17-15 Subpoena, courts-martial procedure.  
 A10-2 Subscriptions.  
 L8-3 Subsidation.  
 L20-1 Subsistence accommodations during travel.  
 N4-5 Subsistence building.  
 L16-8 Subsistence and ration allowance.  
 N23-7 Substations, electric (generating plants).  
 N7-8 Substations, electric (plant structures).  
 P14-2 Substitute employees.  
 L4-2 Substitutes, purchasing.  
 N1-1 Subsurface, grounds.  
 L8-3 Subvention.  
 L20-1 Subways.  
 A3-1 Succession of authority.  
 P17-1 Succession to command.  
 N32-8 Suction wells.  
 EF28-14 Sudan (French).  
 P9-3 Suffrage.  
 A13-7 Suggestions, beneficial.  
 P6-2 Suicide.  
 L5-2 Suitability tests.  
 F49-4 Suits, flying.

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A17-5 Suits, law.  
 S59-1 Sulphur dioxide ice machine.  
 N6-69 Sulphur, storehouse.  
 EN9-160 Sullivan D. D. & Repair Co., Brooklyn, N. Y., navy cost  
           inspector.  
 KV3 Suma, Guam, aviation detachment marine.  
 L10-5 Summaries, accounting.  
 L9-3 Summaries, work requests.  
 A17-21 Summary, courts martial.  
 AMc106 SUMMIT.  
 NR62 Summit (Balboa, C. Z.), naval radio-traffic station.  
 DD333 SUMNER (stricken).  
 AG32 SUMNER (ex-Bushnell; now AS2).  
 F26-3 Sumps, oil.  
 P18-2 Sunday work and overtime.  
 SS281 SUNFISH.  
 EN9-54 Sun Shipbuilding Co., Chester, Pa., navy cost inspector.  
 AT28 SUNNADIN.  
 EN6-45 Sunnyvale, Calif., inspector of ordnance, Joshua Hendy  
           Iron Works.  
 NA14 Sunnyvale, Calif., naval air station.  
 NR102 Sunnyvale, Calif., naval radio traffic station.  
 EN9-76 Sunnyvale, Calif., navy cost inspector, Joshua Hendy Co.  
 KP132 Sunnyvale, Calif., marine post.  
 F21-1 Superchargers, engine.  
 S78-1 Superheater torpedo fuses, ammunition.  
 S51-1 Superheaters, boiler.  
 S48-23 Superheaters (other than boiler).  
 S75-1 Superheaters, torpedo.  
 GD Superintendent, public buildings and parks, District of  
           Columbia.  
 EN7-1 Superintending constructions, general (obsolete).  
 GX1 Superior trial courts, State.  
 P13-2 Superiors, offenses against.  
 P3-2 Supernumeraries, medical treatment of.  
 S68 Supersonics.  
 S11-1 Superstructure.  
 ET15 Supervising Architect's Office, Treasury Department.  
 L10-5 Supervision of accounts, improper.  
 EN25-1 Supervisor of shipbuilding, general inspector.  
 EN25 Supervisors of shipbuilding.  
 LC Supervisory mechanical service.  
 L4-3 Supplementary contracts.  
 EN9 Supplies and Accounts, Bureau of.  
 A7-1 Supplies and accounts memoranda.  
 S31-5 Supplies and accounts spares.  
 N36 Supplies and equipment, Office.  
 F44-2 Supplies and equipment, photographic.  
 N6-40 Supplies, medical, storehouse for.  
 S32 Supplies, office.  
 JG Supplies, title B and C.  
 L10 Supply accounting, afloat and ashore.  
 OS Supply Corps.  
 NC5 Supply Corps school of application, Washington, D. C.  
           (now navy supply corps school, graduate school of busi-  
           ness administration, Harvard University, Boston, Mass.).  
 NT6 Supply depots, Marine Corps.  
 NT4 Supply depots, naval.  
 EC5 Supply division, Department of Commerce.

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EN1-8 Supply division, Navy Department.  
 P8-1 Supply of labor.  
 ON11 Supply officer ashore.  
 OF17 Supply officer afloat.  
 N6-54 Supply officer's storehouse.  
 EE9 Supply priorities and allocations board.  
 L4-3 Supply schedule contracts, purchases under general.  
 L8-1 Supply system, ashore and afloat.  
 N25-1 Supply, water, shore.  
 F10-2 Support, engine, nacelle.  
 FE8 Support Force.  
 FF13-15 Support Force, Atlantic Fleet.  
 F32 Supports, control system.  
 S37-2 Supports, foundation, brackets.  
 S52 Supports and foundations for smoke-pipe.  
 S85 Supports, foundations, and stiffeners, photography.  
 S16-4 Supports, grating and floor plates.  
 S48-23 Supports and hangers, pipe.  
 F15 Supports and hoods, hull.  
 F10-2 Supports for oil coolers and tanks, nacelle.  
 F18-1 Supports, rigid gas cell.  
 S52 Supports, smoke pipe.  
 A13-4 Suppression (Patents).  
 P13-9 Suppression of lawlessness.  
 GQ Supreme Court of United States.  
 L13-1 Surety and security bonds and companies.  
 S82 Surf boats.  
 S51-3 Surface blow, boiler.  
 F11-1 Surface control loads, bearings, pulleys, fair-leads and at-  
 tachments for wing groups.  
 NX7 Surfside, Mass., radio direction-finder station.  
 EW14 Surgeon General, Army.  
 S37-2 Surgeon stools.  
 P4 Surgery.  
 S31-6 Surgery and medicine spares.  
 P5-3 Surgery, oral.  
 S37-2 Surgical instruments.  
 N9-1 Surgical wards.  
 EF48-2 Surinam (Netherlands).  
 L1 Surplus appropriations and funds under allotments.  
 L11-3 Surplus material.  
 A16-2 Surrenders in war.  
 S78-3 Surveillance ovens, motometers, thermometers.  
 H4-11 Survey data, quarterly, aerological.  
 H2-21 Survey ranges, magnetic.  
 S30-1 Survey rooms.  
 QS Survey ships, Army.  
 H2-4 Surveying buoys.  
 S24-10 Surveying instruments.  
 N1-1 Surveys (grounds).  
 H1-18 Surveys, hydrographic and topographic.  
 HO Surveys and Maps, Federal Government, Board of.  
 L11-2 Surveys of material.  
 P3-5 Surveys, medical.  
 H1-18 Surveys, reconnaissance.  
 S3-1 Surveys, statutory.  
 L10-5 Suspension of accounts, disallowances.  
 F25-4 Suspension, cooling radiators.  
 F26-1 Suspension, oil tank.

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A17-13 Suspension, procedure before trial, courts-martial.  
 P13-9 Suspension from promotion, punishment.  
 P13-10 Suspension of sentences.  
 F15-11 Suspension, sand and water-ballast system.  
 F16-1 Suspension wiring, fins.  
 A8-5 Suspects (espionage).  
 AOG5 **SUSQUEHANNA.**  
 AM119 **SUSTAIN.**  
 L18 Sutling.  
 AO33 **SUWANNEE.**  
 S36-5 Swab trough.  
 S92 Swages.  
 AM4 **SWALLOW** (stricken).  
 AM65 **SWALLOW** (new).  
 AVP7 **SWAN** (ex-AM34).  
 EG59 Swan Island.  
 DD443 **SWANSON.**  
 DD273 **SWASEY** (stricken).  
 S11-5 Swash bulk heads and plates.  
 AM120 **SWAY.**  
 EF13-26 Swaziland (British).  
 P13-2 Swearing, false (oath).  
 EF67 Sweden.  
 S81-1 Sweep safety gear, mine protection.  
 AM Sweepers, mine.  
 N34-9 Sweepers, street.  
 S81-1 Sweeping, mine.  
 F32-5 Swelling wing, wing form control.  
 AM121 **SWERVE.**  
 AM122 **SWIFT.**  
 P10-1 Swimming.  
 N4 Swimming pools and tanks.  
 N4-9 Swimming school buildings.  
 S75-2 Swirl reducers, torpedo tube.  
 S41-4 Switch and control, boards, electric drive.  
 F24-1 Switch, electric starter.  
 S62-1 Switchboard, battery charging.  
 S41-4 Switchboard, electric drive.  
 S69 Switchboard, instruments.  
 S71-2 Switchboard room and station, broadside battery.  
 F36-2 Switchboards.  
 S62-1 Switchboards.  
 S71-8 Switches, director torpedo firing.  
 F36-2 Switches, electric power.  
 F21-1 Switches, engine.  
 S62-2 Switches, individual electric distribution.  
 F41-2 Switches, machine gun control.  
 S71-5 Switches, mine.  
 S62-2 Switches, oil and individual.  
 S72-2 Switches, train, turrets.  
 L21-5 Switching of cars, shortage, congestion, wrecking.  
 EF68 Switzerland.  
 S26-3 Swivels, anchor chain.  
 SS193 **SWORDFISH.**  
 S79-4 Swords.  
 YN23 **SYCAMORE** (Now Nutmeg).  
 P11-1 Svilabus.  
 PY5 **SYLPH** (stricken).  
 PY12 **SYLPH** (new).

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S76 Sylphons, depth charge and mine.  
 S75 Sylphons, torpedo.  
 AM123 **SYMBOL.**  
 F41-14 Synchronizers, machine-gun.  
 S71-8 Synchronizing gears, fire-control.  
 S69 Synchrosopes, electrical.  
 F34-6 Synthetic plastics.  
 P3-1 Syphilis.  
 EF69 Syria.  
 S93 System, steam smothering, fire extinguishing.  
 S71-1 System, turret, salvo.  
 S88-4 System, water ballast compensating, damage control.  
 N28 Systems, communication.  
 P11-1 Systems, educational.  
 N27 Systems for fire protection.  
 P1-5 Systems of identification.  
 H2-7 Systems, leader, navigation aid.  
 N20-7 Systems, leader (piloting cables).  
 N33-17 Systems, shop express.  
 A17-1 Systems and sources of law.

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SS52 **T-1** (stricken).  
 SS60 **T-2** (stricken).  
 SS61 **T-3** (stricken).  
 S33-6 Table covers.  
 S35 Table, ironing.  
 S71-1 Table, range, main battery.  
 S32-9 Table, sorting, and stamp, post office.  
 S29-1 Table, ullage.  
 S78-2 Tables, ammunition-handling.  
 S85 Tables, cabinet, benches, photography.  
 S24-8 Tables, chart.  
 N37-4 Tables, household.  
 S34-2 Tables, meat-cutting, mess, steam.  
 S37-2 Tables, medical.  
 N38-4 Tables, nonhousehold.  
 L16-4 Tables, pay.  
 S91-2 Tables, saw.  
 S34-2 Tablecloths.  
 S33-6 Table-leaf racks.  
 A12-2 Tablets, historical.  
 S34-2 Tableware.  
 F11-2 Tabs, trimming, aileron.  
 F12-4 Tabs, trimming, rudders.  
 F21-1 Tachometer drive, engine.  
 S41-5 Tachometer-drive gear, Diesel engine.  
 S69 Tachometers, electric.  
 S87 Tachometers, nonelectric.  
 F31 Tachometers, recording and calibrator.  
 CL20 **TACOMA** (stricken).  
 EN8-11 Tacoma, Wash., inspector of machinery.  
 EN6-23 Tacoma, Wash., inspector of ordnance.  
 EN9-10 Tacoma, Wash., navy cost inspector.  
 EN9-90 Tacoma, Wash., navy cost inspector, Seattle-Tacoma S. B. Co.  
 EN9-52 Tacony, Pa., navy cost inspector, Penna. Forge Co.  
 S8-8 Tactical data.

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A16-3 Tactical instructions, warfare operations.  
 S76-1 Tactical mines.  
 OF Tactical officers afloat.  
 A6-3 Tactical signaling.  
 A16-3 Tactics, war.  
 AT22 **TADOUSAC** (stricken).  
 S24-7 Taffrail, electric, patent and logs.  
 F39-4 Tagging.  
 S28-3 Tagging (marking).  
 P1-5 Tags, identification.  
 L20-1 Tags, identification (travel).  
 S12-4 Tags, keys, and locks.  
 L21-3 Tags, shipping.  
 YN43 **TAHCHEE**.  
 CM2 **TAHOE** (stricken).  
 F41-6 Tail fuses, bomb.  
 F12 Tail group.  
 S75-1 Tail guards, torpedo.  
 F13 Tail wheels, skids, stubs, body group.  
 S3-5 Tailor shops.  
 EF37-2 Taiwan (Japan).  
 S85 Taking gunnery, photography.  
 DD114 **TALBOT**  
 DD156 **TALBOT, J. FRED.**  
 DD390 **TALBOT, RALPH.**  
 CL61 **TALLAHASSEE.**  
 S19-6 Tallow, preservation coatings.  
 S92 Tallow tanks.  
 YN44 **TAMAHA.**  
 YN52 **TAMAQUE.**  
 YT136 **TAMAROA.**  
 SS198 **TAMBOR.**  
 EN9-82 Tampa, Fla., navy cost inspector, Tampa S. B. Co.  
 EN25-36 Tampa, Fla., supervisor of shipbuilding, Tampa S. B. Co.,  
 branch at Miami S. B. Corporation, Miami, Fla.  
 AM5 **TANAGER.**  
 AV8 **TANGIER.**  
 EF13-18 Tanganyika Territory (British).  
 N8-5 Tank models.  
 N30-6 Tank cars (including helium cars).  
 S34-2 Tank, oil, galley.  
 S29-1 Tank, separating oil and water.  
 S35 Tank, soap (laundry).  
 F24-4 Tank, storage, air starter.  
 S14-1 Tank top covering in cargo holds.  
 S11-2 Tank tops.  
 AWK Tankers, water.  
 S49-3 Tanks, air.  
 S29 Tanks, anti-rolling, capacity or calibration of, separating  
 oil and water.  
 S62 Tanks, battery, electric distribution, submarine.  
 S78-3 Tanks, cartridge and powder.  
 S56-4 Tanks, feed-water, hot well, reserve feed.  
 F48-1 Tanks, flotation, beaching gear.  
 F27-1 Tanks, fuel.  
 N40 Tanks, fuel oil, and cleaning equipment.  
 S55 Tanks, fuel oil, stowage and equipment.  
 N24 Tanks, fuel plant.  
 S15 Tanks, gasoline.

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DD551 **TAYLOR, DAVID W.**  
 NP21 Taylor, David W., model basin, Carderock, Md.  
 YT147 **TAZHA.**  
 YN29 **TEABERRY.**  
 S86 Teachers, deflection, and director firing.  
 YN30 **TEAK.**  
 AVP5 **TEAL (ex-AM23).**  
 EN-19 Technical aide, Inventions Division.  
 P8-2 Technical associations.  
 A9-16 Technical data and notes.  
 EN3-15 Technical office, including inventions, navy department  
 (obsolete).  
 LS Technical services.  
 YT24 **TECUMSEH.**  
 EN24-17 Tecumseh, Mich., resident inspector of naval material.  
 P5-2 Teeth, artificial.  
 S71-8 Telautograph, fire control.  
 S65-5 Telautographs.  
 F33-1 Telautographs, I. C.  
 A6-1 Telegrams.  
 A17-15 Telegrams, court-martial.  
 N28-2 Telegraph systems.  
 S65 Telegraph, visible signal systems.  
 A6-1 Telegraphic traffic (land-wire).  
 MA Telegraphist, enlisted.  
 F33-1 Telegraphs, control I. C.  
 S87 Telemeters.  
 S71-8 Telemeters, optical, fire control.  
 S65-5 Telemotors, rudder and diving.  
 F32 Telemotors, rudder-control and elevator system.  
 S22 Telemotors, steering gear.  
 S72-2 Telemotors, turret turning.  
 S71-8 Telephone, battle and fire control.  
 F42-1 Telephone, radio.  
 S67 Telephone systems (radio apparatus).  
 S65 Telephone systems.  
 N28-1 Telephone systems.  
 S69 Telephone testing sets.  
 A6 Telephones, traffic and service.  
 F33-1 Telephones, I. C.  
 S24-7 Telescopes, navigating.  
 S79 Telescopes and sights, field and machine guns, small arms  
 and equipment.  
 S71 Telescopes, torpedo battery control, fire control.  
 S29-3 Telescopic clinometer.  
 S17-2 Telescopic masts and fittings.  
 F41-3 Telescopic sights, machine gun.  
 A6 Television, communications.  
 S71-1 Telltale system, turret.  
 P1-6 Temperamental peculiarities.  
 P1-6 Temperance.  
 F25-2 Temperature control.  
 F26-3 Temperature control and check valves, oil.  
 S65-5 Temperature indicators, refrigeration.  
 H1-15 Temperature, sea water.  
 S44 Template, propeller.  
 F5-1 Templates.  
 S5 Templates and molds.  
 P16-3 Temporary duty.

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P14-2 Temporary employees.  
 S19-6 Temporary preservative coatings.  
 P1-2 Temporary, residence.  
 P9-1 Tendencies, political.  
 AV Tenders, aircraft (heavier-than-air).  
 AZ Tenders, aircraft (lighter-than-air).  
 P14-1 Tenders of service (application).  
 AS Tenders, submarine.  
 BB43 **TENNESSEE.**  
 EF43 Tennessee.  
 P10-1 Tennis.  
 N1-7 Tennis courts.  
 F32-1 Tension adjustment devices, rudder control.  
 A4-3 Tentative sailings.  
 ND10 Tenth Naval District.  
 N4-8 Tents, recreational.  
 N6-49 Tents, storehouse.  
 S41-4 Terminal board, electric drive.  
 L24 Terminal facilities.  
 NA26 Terminal Island, Roosevelt Base, San Pedro, Calif., naval air station.  
 NB49 Terminal Island, California, Roosevelt Base.  
 S62-2 Terminal and stuffing tubes (electric power distribution).  
 S38-1 Terminals, ventilating.  
 P19-6 Termination of appointment.  
 A14-6 Termination of war between nations.  
 A16-3 Termination military operations.  
 L4-3 Terms, instructions relating to contracts.  
 AM31 **TERN.**  
 JJ59-2 Terra cotta.  
 N1-2 Terrain improvements.  
 E128 Territorial officials, Department of the Interior.  
 EG Territories, States, and dependencies.  
 CN5 **TERROR.**  
 DD25 **TERRY** (stricken).  
 DD513 **TERRY** (new).  
 S51-3 Test cocks, boiler.  
 N1-5 Test piles and pits.  
 S78-1 Test sheets, powder, ammunition.  
 F21-8 Test stands, engine.  
 S91 Test stands and shops, engine.  
 N10-5 Test structures, stand houses, airplane engines and motors.  
 S29-8 Tests of compartments.  
 F1 Tests, design.  
 F18-6 Tests, gas-cell fabrics.  
 L5 Tests and inspections.  
 P2-5 Tests, physical.  
 A6-2 Tests, radio.  
 N1-5 Tests of soil.  
 L5-2 Tests, suitability.  
 S55-5 Tester, flash point, fuel oil.  
 F7 Tester, hardness.  
 S77-8 Testers, acuity fire control.  
 S71-8 Testers, acuity, (optical) and range taker.  
 P15 Testimonials.  
 P14-1 Testimonials for appointment.  
 P17-2 Testimonials for securing promotion.  
 A17-15 Testimony, legal, courts-martial.  
 S38-1 Testing apparatus, ventilating.

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S58-4 Testing devices, distilling plant.  
 S55-5 Testing devices, meters and measuring, fuel oil equipment.  
 F31-5 Testing equipment, aircraft instruments.  
 S87 Testing gauges and machines.  
 S76-1 Testing machines, mine.  
 S78-3 Testing outfits, ammunition.  
 S56-5 Testing outfits, feed-water.  
 S71-8 Testing outfits, fire-control.  
 S75-2 Testing outfits, torpedo.  
 S55-5 Testing point, fuel-oil.  
 S32-6 Testing rooms and laboratories.  
 F38-3 Testing, salt spray.  
 S69 Testing sets, electric.  
 S87 Testing sets, general.  
 N1-10 Testing spaces.  
 N32 Testing and weighting apparatus (including structures).  
 P2-3 Tetanus antitoxins.  
 S77-1 Tetrachloride smoke producer, gas and smoke warfare.  
 EG44 Texas.  
 BB35 **TEXAS.**  
 EN9-154 Texasteel Mfg. Co., Port Arthur, Texas, navy cost inspector.  
 P11-1 Textbooks.  
 P15 Thanks of Congress.  
 DD162 **THATCHER** (stricken).  
 DD514 **THATCHER** (new).  
 NX3 Thatcher Island, Mass., radio direction-finder station.  
 N4-8 Theater building.  
 A16-3 Theater of war.  
 P13 Theft.  
 QG1-5 The Orient, Far East, East.  
 H4-4 Theodolites.  
 L10-3 Theory and practice, general scope, accounting.  
 P3-2 Therapeutics.  
 P3-2 Therapy.  
 F31-4 Thermograph.  
 F31 Thermometers.  
 S87 Thermometers.  
 S24-7 Thermometers, meteorological.  
 S38-2 Thermostats and coils, heating.  
 P11-3 Theses, lectures, poems, essays.  
 ND3 Third Naval District.  
 EN9-131 Third Naval District, supervisory cost inspector.  
 ND13 Thirteenth Naval District.  
 EN9-136 Thirteenth Naval District, supervisory cost inspector.  
 DD182 **THOMAS** (stricken).  
 EN9-101 Thomas A Edison, Inc., West Orange, N. J., navy cost  
 inspector.  
 DD305 **THOMPSON** (stricken).  
 DD627 **THOMPSON** (new).  
 A08 **THOMPSON, SARA** (stricken).  
 DD212 **THOMPSON, SMITH.**  
 DD647 **THORN.**  
 AVD11 **THORNTON** (ex-DD270).  
 S78-1 Thread, fuse, luting, ammunition.  
 F43-1 Thread, parachute.  
 S91-2 Threading and cutting machines, pipe.  
 AM124 **THREAT.**  
 A14-1 Three mile limit.  
 A14-5 Three-wire mooring.

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SS200 **THRESHER.**  
 L12-1 Thrift societies.  
 F12-3 Throttle, engine.  
 S41-2 Throttle valves.  
 S94 Throwing lines, guns for.  
 AVP3 **THRUSH** (ex-AM18).  
 F14-1 Thrust bearing and bow mooring spindle.  
 S43 Thrust, bearings, shoes and shafts.  
 S41-1 Thrust bearings, turbine.  
 S87 Thrust meters.  
 NX37 Thunder Bay Island, radio direction-finder station.  
 EF30 Thuringia.  
 EF16 Tibet.  
 NT2-5 Tiburon, Calif., fuel depot.  
 NT4-10 Tiburon, Calif., naval net depot.  
 LE3-3 Tiburon, Calif., United States Maritime Commission, Cadet School.  
 P10-1 Tickets, athletic entertainments.  
 L20-5 Tickets, transportation.  
 CV19 **TICONDEROGA.**  
 FG19 Ticonderoga air group.  
 S76-1 Tidal mines.  
 AM125 **TIDE.**  
 N36-11 Tide predicting and gauge machine.  
 H1 Tides, tidal waves, rips.  
 S41 Tie rods & columns, main propelling machinery.  
 KP130 Tientsin, China, marine detachment.  
 NR106 Tientsin, China, naval radio-traffic station.  
 EF36-5 Tientsin (Italy).  
 S26-5 Tierer, chain.  
 EN9-162 Tietjen & Lang D. D. Co., Hoboken, N. J., navy cost inspector.  
 S29-8 Tightness, water, oil, air, gas.  
 S14-2 Tiling, deck.  
 YT122 **TILLAMOOK** (ex-AT16).  
 S22 Tiller room and ropes.  
 DD135 **TILLMAN** (stricken).  
 DD641 **TILLMAN** (new).  
 S71-8 Tilt correctors, fire control.  
 NZ4 Timber reservations.  
 N6-6 Timber storehouse.  
 N33-7 Timber wheels.  
 H3-3 Timbers, obstructing navigation.  
 H7 Time, adopted in other countries and zone systems.  
 H2-18 Time balls and shapes, navigation.  
 P13-2 Time clocks, use of, and time checking.  
 S78-1 Time of flight projectiles, fuses, ammunition.  
 P13-8 Time lost by absence, making good.  
 P13-2 Time recording systems, sheets and records.  
 S71-1 Time sector and contact clocks, turret, fire control, time of flight indicators.  
 A6-2 Time signals, radio, transmission of.  
 S87 Timing device, sound, torpedo.  
 S77-1 Tin canister and fuses, gas and smoke warfare.  
 S19-3 Tin, copper, nickle, and silver.  
 F38-3 Tin finish.  
 JJ46-3 Tin, metals.  
 DD272 **TINGEY** (stricken).  
 DD539 **TINGEY** (new).

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SS283 **TINOSA.**  
 S91-2 Tinsmiths' turning machines.  
 F12-2 Tip bows, elevator.  
 F11-1 Tip bows, wing group.  
 AO21 **TIPPECANOE.**  
 S55-4 Tips and plugs, fuel-oil burners.  
 F13-2 Tires and tubes, landing gear.  
 S85-1 Title-making machine.  
 P17-1 Title, rank.  
 L10-3 Title Z shops, accounting.  
 N1-13 Titles, abstract of, land.  
 EJ6 Titles, attorney in charge of, Department of Justice.  
 EN9-66 Titusville, Pa., navy cost inspector, Struther-Wells Co.  
 JJ56-4 Tobacco.  
 EN9-30 Todd Galveston D. D. Co., Galveston, Tex., navy cost inspector.  
 EN9-118 Todd-Johnson D. D. Co., Algiers, New Orleans, La., navy cost inspector.  
 EN9-35 Todd Seattle D. D. Co., Harbor Island, Seattle, Wash., navy cost inspector.  
 EF28-17 Togo (French).  
 EF13-34 Togoland (British).  
 S37-2 Toilet accessories, cases for sick bay.  
 F34-1 Toilet fixtures.  
 S33-6 Toilet fixtures and equipment.  
 N4-14 Toilet and locker buildings.  
 S36-1 Toilet spaces and accessories, except medical.  
 YT149 **TOKA.**  
 AM126 **TOKEN.**  
 EN6-43 Toledo, Ohio, inspector of ordnance, Willys-Overland Motors, Inc.  
 NC87 Toledo, Ohio, naval reserve signal and storekeepers school.  
 EN9-164 Toledo, Ohio, navy cost inspector, The Mather Spring Co. (obsolete, see NC74-9).  
 EN9-102 Toledo, Ohio, navy cost inspector, Willys-Overland Motors, Inc.  
 NC74-9 Toledo, Ohio, storekeepers and yeomen naval training schools.  
 N32-7 Toledo type scales.  
 P6-6 Tombstones and monuments.  
 S73-1 Tompions, broadside guns.  
 S72-4 Tompions, turret guns.  
 NT4-23 Tompkinsville, N. Y., naval net depot.  
 NB22 Tompkinsville, Staten Island, section base.  
 EF13-50 Tongo (British).  
 S92 Tongs.  
 S78-2 Tongs, ammunition handling.  
 NA28 Tongue Point, Astoria, Oregon, naval air station.  
 EF28-3 Tonking (French).  
 S29-11 Tonnage.  
 L14-2 Tonnage dues.  
 L21-2 Tonnage shipments.  
 S92 Tool boxes.  
 S76-1 Tool boxes, mine.  
 N6-15 Tool house.  
 S91-1 Tool-issuing room.  
 N5-19 Tool shops.  
 S79-4 Tools, entrenching.  
 F29 Tools and equipment.

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S92 Tools and equipment, portable.  
 S75-3 Tools and equipment, torpedo.  
 S34-2 Tools, galley.  
 JJ41 Tools, hand.  
 N34-21 Tools, hand and portable, welding outfits, ground maintenance.  
 L10-3 Tools, hourly rates for (accounting).  
 JJ40 Tools, machine.  
 S67 Tools, radio.  
 S26 Tools, shackling and mooring.  
 S91-2 Tools, stationary.  
 S93 Tools and stowage, fire fighting.  
 S75-3 Tools, torpedo.  
 P5-1 Tooth diseases.  
 S13-4 Top plates.  
 PYc10 **TOPAZ.**  
 PG35 **TOPEKA** (stricken).  
 CL67 **TOPEKA** (new).  
 N1-1 Topographic surveys (grounds).  
 H1-18 Topographic surveys, hydrographic.  
 S71-1 Tops, fire control, main battery.  
 S70-1 Torches, signal.  
 S75-3 Torches, torpedo stowage.  
 NX66 Toro Point, C. Z., radio direction-finder station.  
 S49-1 Torpedo air compressors.  
 N8-2 Torpedo air flasks and accumulators, laboratories for.  
 N5-27 Torpedo assembly shop.  
 PT Torpedo boats, motor.  
 VTB Torpedo bombing planes.  
 S11 Torpedo defense bulkheads and foundations.  
 S71 Torpedo defense fire-control station, battery control.  
 NT5 Torpedo depots, naval.  
 A5-2 Torpedo exercises.  
 S78-1 Torpedo fuses and powder, ammunition.  
 S81 Torpedo, mine, bomb, and splinter protection.  
 VT Torpedo planes.  
 A5-2 Torpedo practices, elementary.  
 F41-9 Torpedo racks.  
 H2-14 Torpedo ranges.  
 P20-2 Torpedo records, enlisted men.  
 S91-1 Torpedo repair shop.  
 S82-11 Torpedo retriever boats.  
 S87 Torpedo sound-timing device.  
 S71-4 Torpedo spotting and tube firing indicators.  
 NP Torpedo stations, naval.  
 N20-10 Torpedo and target ranges, structures.  
 S24-7 Torpedo-boat watches and transporting cases.  
 S86-1 Torpedo tactical mooring boards, instructions.  
 F41-9 Torpedoes.  
 S75 Torpedoes.  
 N6-70 Torpedoes, storehouses for.  
 MS Torpedoman.  
 S71-8 Torque amplifying systems, fire control.  
 F21-8 Torque reaction, engine testing.  
 F11-2 Torque tubes, aileron.  
 F32-3 Torque tubes, aileron control.  
 F12-2 Torque tubes, elevator.  
 EN9-110 Torrance, Calif., navy cost inspector, National Supply Plant Corp.

S87 Torsion meters, shaft.  
 S41-5 Torsional vibration valve gear, Diesel engine.  
 DD282 **TOUCEY** (stricken).  
 L20-1 Tourist-car service.  
 P16-3 Tours of duty.  
 PY20 **TOURMALINE**.  
 A5-9 Tournaments, military.  
 S24-1 Tower, conning.  
 S17-1 Towers, coaling.  
 N23-10 Towers, cooling.  
 S17 Towers, cranes, derricks, masts, and spars.  
 S71-1 Towers, fire control, and foundations.  
 N8-4 Towers, observation.  
 S66 Towers, platforms, and foundations, searchlight.  
 N11-4 Towers, radio.  
 N28-6 Towers, signal.  
 H4-6 Towers and signals, storm warning.  
 S25 Towing and appliances.  
 F1-2 Towing-basin tests.  
 F41-10 Towing cable.  
 A4-3 Towing detail.  
 F45 Towing gear and cables.  
 S76-1 Towing mines and bombs.  
 S12-1 Towing and mooring fittings.  
 S25 Towing, ship control.  
 S75-1 Towing torpedoes.  
 A5-9 Towing vessel, gunnery exercises.  
 EM Town governments.  
 S77-1 Toxic smoke-screen apparatus.  
 P3-4 Toxicology.  
 S24-7 Tracer equipment, dead reckoning.  
 A6-6 Tracer systems, correspondence.  
 S71-8 Tracers, fire-control.  
 S78-1 Tracers, fuse, ammunition.  
 S75-1 Tracers, oil torpedo.  
 DM19 **TRACEY** (ex-DD214).  
 N36-12 Tracing instruments, cloth and paper, Van Dyke and  
 blueprint.  
 L21-5 Tracing shortages and losses of shipments.  
 P10-1 Track, field sports.  
 N32-1 Track scales.  
 A6-2 Tracking and drilling, radio.  
 S71 Tracking instruments, rooms, stations, fire-control.  
 S83-1 Tracks, airplane handling fittings.  
 S76 Tracks, depth charge and mine handling.  
 S72 Tracks, liner, turret.  
 S54-1 Tracks or rails, coaling.  
 N29 Tracks, shore.  
 S78-2 Tracks, trolley, ammunition-handling.  
 S91-2 Tracks, trolley, and jib cranes for handling material in  
 workshops.  
 S41-6 Tracks and trolleys, engine rooms.  
 N33-20 Tractors.  
 A13-6 Trade-marks.  
 N5-77 Trades shops.  
 P8-1 Trades for yards and ships, social relations.  
 L4-1 Trading lists (purchasing).  
 YX18 **TRAFFIC** (stricken).  
 A6 Traffic, communications.

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L21-1 Traffic, inland, instructions, shipment.  
 A6-1 Traffic time studies.  
 L10-7 Traffic accounts, commercial wire and radio.  
 P13-6 Traffic in women and children.  
 N33-12 Trailers.  
 F12 Trailing edge, tail group.  
 F11 Trailing edge, wing group.  
 S74-1 Trails, firing, antiaircraft guns.  
 FF13-9 Train, Atlantic Fleet.  
 FF12-13 Train, base force, Pacific Fleet (obsolete).  
 FB9 Train divisions (vessels).  
 S78-1 Train, powder, fuse ammunition.  
 FT Train, ships.  
 FF5-1 Train Squadrons (obsolete).  
 S72-2 Train switches, turrets.  
 S71 Train transmitters and indicators, fire-control.  
 S72-3 Trainer and pointer seats, turrets.  
 S75-2 Trainer seats and pointer, torpedo tubes.  
 NM Training camps, naval.  
 QR Training corps, officers, naval reserves.  
 FF11 Training detachment, United States Fleet.  
 P11-1 Training, educational.  
 S74-1 Training and elevating gear, antiaircraft gun mounts.  
 S73-2 Training and elevating gear, broadside guns.  
 N4-9 Training, fire-rescue, gas chamber.  
 S72-2 Training gear, turret.  
 S75-2 Training gears, torpedo tubes.  
 FF13-17 Training group, advanced carrier, Atlantic Fleet.  
 FF12-17 Training group, advanced carrier, Pacific Fleet.  
 S71-1 Training indicators, repeat, fire-control, main battery.  
 P11-1 Training of personnel.  
 VN Training planes.  
 S71-2 Training receivers, broadside.  
 N4-2 Training ship barracks, ashore.  
 QS7-1 Training ships, United States Maritime Services.  
 FF3-5 Training squadron, scouting fleet and force.  
 FV1 Training squadron, transitional.  
 NM Training stations, naval.  
 LE1 Training stations, United States Maritime Service.  
 N4-9 Training tanks, submarine escape.  
 F41-10 Training and target practice material, ordnance.  
 A16-1 Training, universal.  
 P13-2 Traitors.  
 P1-6 Traits and habits.  
 S73-1 Trams and tramping, broadside guns.  
 S72 Trams, tramping devices, turret.  
 EF6 Trans-Caucasian Federation.  
 IX46 **TRANSFER** (ex-YX19).  
 L20-6 Transfer of baggage.  
 L11-9 Transfer between naval bureaus.  
 N15-15 Transfer bridges, tide.  
 P19-2 Transfer to fleet reserve.  
 L1-2 Transfer of funds.  
 L13-2 Transfer of insurance.  
 S72-10 Transfer and loading trays, turret guns.  
 P19-6 Transfer to other military activities.  
 P16-3 Transfer of personnel.  
 A6-6 Transfer of records.

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L10-5 Transfer statements, accounting.  
 L9-3 Transfer of work.  
 L11 Transfers, loans, and work, to other governments.  
 N23-7 Transformer houses, power plants.  
 N7-8 Transformer houses, structures.  
 S62-2 Transformers, electric distribution.  
 F36-2 Transformers, electric power.  
 S71-8 Transformers, fire-control.  
 P3-1 Transfusions, blood.  
 L21-5 Transit, shipments in.  
 A6-4 Translations, correspondence.  
 F22 Transmission.  
 P2-2 Transmission of diseases.  
 A6-2 Transmission power, radio.  
 F32-1 Transmission shafting, rudder control.  
 S22 Transmission, steering and diving.  
 S71 Transmission system, fire control.  
 F42-1 Transmitter sets, radio.  
 S71-8 Transmitters, fire-control.  
 S76-2 Transmitters, hydraulic control, depth charge.  
 S68 Transmitters, underwater sound.  
 A6-2 Transmitting intervals, radio.  
 S33-6 Tansom cushions and pillows.  
 S11-3 Tansom, doctor's office.  
 FB7 Transport divisions (vessels).  
 VG Transport (single-engine) planes.  
 VR Transport (multi-engine) planes.  
 L20 Transportation.  
 GG12 Transportation coordinator.  
 P13-8 Transportation of apprehended deserters with guards.  
 F4-1 Transportation, cost of disassembly and.  
 A6-4 Transportation of mail.  
 L21 Transportation, mailing lists, naval service.  
 EW1 Transportation service, Army.  
 FF9 Transportation Service, Naval.  
 N5-75 Transportation shop.  
 N13 Transportation structures.  
 L20 Transportation and travel of personnel.  
 S83-1 Transportation trucks, airplane.  
 S24-7 Transporting cases and torpedo-boat watches.  
 APV Transports, aircraft.  
 QS2 Transports, Army.  
 FF13-10 Transports, Atlantic Fleet.  
 FF12-14 Transports, Base Force, Pacific Fleet (obsolete).  
 L21-2 Transports, government, freight rates on.  
 KL Transports, marine detachments.  
 AP Transports (vessels).  
 EF13-27 Transvaal (British).  
 S11-11 Transverse and midship sections.  
 DD530 **TRATHEN.**  
 F32-6 Traps, control.  
 S48-23 Traps, piping.  
 S92 Trash cans.  
 L20-5 Travel allowances for escorts accompanying the dead.  
 F2-2 Travel cost and expense, aircraft administration.  
 P16-4 Travel orders.  
 L20 Travel and transportation of personnel.  
 N31-5 Traveling-bridge cranes.  
 S83-1 Traveling crane, airplane-handling fittings.

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S68 Trawls, indicating underwater sound.  
 S78-2 Travs, ammunition-handling.  
 S34-2 Travs, condiment.  
 S37-2 Travs, food, for patients.  
 S73 Travs, loading and projectile, broadside guns.  
 S72 Travs, powder, projectile, spanning, loading and transfer.  
 S85 Travs and tanks, photography.  
 S14-4 Treads, deck; nonslipping and safety.  
 S16-4 Treads, ladder.  
 P13-2 Treason.  
 NB36 Treasure Island, San Francisco, Calif., section base.  
 LE3-3 Treasure Island, San Francisco (formerly Tiburon), Calif.,  
 U. S. Maritime Commission cadet school.  
 ET Treasurer of the United States, Treasury Department.  
 L12-1 Treasury deposits.  
 A14-7 Treaties, international.  
 N25-5 Treating and softening plants, water.  
 P3-2 Treatment, medical.  
 N9 Treatment buildings and wards, medical.  
 P5-1 Treatment, dental and X-ray.  
 S37-1 Treatment room.  
 N5-9 Treatment shops, heat.  
 P4-1 Treatment of wounded.  
 EN6-29 Tredegar's, Richmond, Va., inspector of ordnance.  
 H3-3 Trees, obstructing navigation.  
 N1-2 Trees, shrubbery, plants.  
 H2-12 Trees, structures, earth formations, navigational aids.  
 N12-3 Trenches, defense.  
 CL11 **TRENTON.**  
 EN9-172 Trenton, N. J., navy cost inspector, DeLaval Steam Turbine.  
 N14-3 Trestles, temporary bridge.  
 DMS16 **TREVER** (ex-DD339).  
 NE Trial courses, naval.  
 H1-19 Trial courses, location of (hydrographic).  
 A17-14 Trial, time of, courts-martial.  
 F8 Trials, aircraft.  
 A5-7 Trials, engineering-performance.  
 S74-1 Trials, firing antiaircraft gun.  
 S72-4 Trials and locks, firing, turret guns.  
 S8 Trials, ship.  
 F13-2 Tricycle type landing gear.  
 AMc107 **TRIDENT.**  
 SS237 **TRIGGER.**  
 F41-1 Trigger mechanism and motors, machine gun.  
 F1-2 Trim calculations, design.  
 S29-2 Trim and draft.  
 S65-5 Trim indicators.  
 S88-4 Trim and list control.  
 S92 Trimmers, wood.  
 S47 Trimming pumps.  
 S48-1 Trimming pumps and tanks.  
 S29-1 Trimming.  
 F12 Trimming tabs, tail groups.  
 F11 Trimming tabs, wing group.  
 S65-5 Trimming-tank telegraph.  
 EF13-44 Trinidad, British West Indies.  
 NA74 Trinidad, British West Indies, naval air station.  
 NH39 Trinidad, British West Indies, naval dispensary.  
 NR108 Trinidad, British West Indies, radio-traffic station.

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NB92 Trinidad, British West Indies, section base.  
 NB33 Trinidad, British West Indies, naval operating base.  
 KP145 Trinidad (Port of Spain), British West Indies, marine detachment.  
 S78-1 Trinitrotoluol ammunition.  
 AO13 **TRINITY.**  
 N31-10 Triplex blocks, hoists, pulleys, etc.  
 S17-2 Tripod masts.  
 S85 Tripods, camera.  
 F44-2 Tripods, photography.  
 QW Tripolitan war.  
 EF36-4 Tripolitania (Italian).  
 DD33 **TRIPPE** (stricken).  
 DD403 **TRIPPE** (new).  
 S26-5 Tripping gear, anchor.  
 S75-2 Tripping latches, torpedo tubes.  
 F41-10 Trips, aircraft.  
 EF13-22 Tristan Da Dunha (British).  
 YT10 **TRITON** (stricken).  
 SS201 **TRITON** (new).  
 EN9-98 Triumph Explosives, Inc., Elkton, Md., navy cost inspector.  
 S78-2 Trolley, ammunition handling.  
 F14-2 Trolley attachments, deck, main body.  
 S92 Trolley and blocks, chain hoists.  
 S91-2 Trolley tracks, shops.  
 S54-1 Trolleys, coaling.  
 F45-5 Trolleys, rails, carriages, docking.  
 S83-1 Trolleys, track and crane, airplane-handling fittings.  
 S41-6 Trolleys and tracks, engine room.  
 S72-3 Trolleys, turret.  
 NR104 Trona Field, San Pedro, Calif., naval radio-traffic station  
 APP Troop barge, class A.  
 APT Troop barge, class B.  
 L20-1 Troop transportation.  
 P10-1 Trophies, athletics.  
 A5 Trophies, exercises, practices, and competitions.  
 A12-2 Trophies, historical.  
 P15 Trophy, Schiff Memorial, for flying.  
 P3-1 Tropical diseases.  
 L11-1 Trouble reports, casualties and salvage.  
 S36-5 Trough, swab.  
 S92 Troughs, sand.  
 SS202 **TROUT.**  
 PYc14 **TRUANT.**  
 L21-4 Truck shipments.  
 F48-1 Trucks, beaching gear, and handling.  
 S54-1 Trucks, coaling.  
 S75-3 Trucks, deck, for handling war heads, torpedo.  
 S34-2 Trucks, food.  
 S76 Trucks, launching, mine and depth charge.  
 S78-2 Trucks, powder tank ammunition handling.  
 S83-1 Trucks, transportation, airplane.  
 N33 Trucks, vehicles and livestock.  
 A16-3 Truces, war.  
 ML10 Trumpeter, marine corps.  
 S48-10 Trunk, exhaust main turbine, piping.  
 S53 Trunk shutters, blower.  
 S13-7 Trunks, armored.

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S54-1 Trunks, coaling.  
 S11-7 Trunks, dynamo, evaporator, fire and torpedo room.  
 F15-5 Trunks, hoods and hull supports, exhaust.  
 S73-2 Trunks, projectile, ammunition handling.  
 S67 Trunks, radio.  
 S72 Trunks, turrets.  
 S72-5 Trunnions and bearings, turret gun slides.  
 S73-2 Trunnions, broadside mounts.  
 S37-2 Trusses.  
 L12-1 Trust companies.  
 L15 Trusts, mortgages.  
 DD229 **TRUXTON.**  
 S92 Tube cleaners and expanders.  
 S67 Tube for rat-tail and hull casting.  
 S71-4 Tube-sight telescope.  
 N6-11 Tube storehouse.  
 N28-3 Tube systems, pneumatic.  
 S13-5 Tubes, armored conning tower.  
 S73-1 Tubes, broadside gun.  
 S68 Tubes (C, K, MV, Y), underwater signals.  
 S75-2 Tubes and launching gear, torpedo.  
 S76-1 Tubes, mine.  
 F32 Tubes, operating rods, etc., control system.  
 N6-11 Tubes and piping, storehouse for.  
 S38-1 Tubes pitot, for ventilating testing.  
 S65-6 Tubes, pneumatic.  
 F18-2 Tubes, pressure, nonrigid gas envelopes.  
 S43-2 Tubes, shaft and stern.  
 F13-2 Tubes, tire, landing gear.  
 F11-2 Tubes, torque, aileron.  
 F32-3 Tubes, torque, aileron control.  
 F12 Tubes, torque, tail group.  
 S51-1 Tubes, tube sheets, boiler.  
 S58 Tubes, tube sheets, coil drain, distilling plant.  
 S46-5 Tubes and tube sheets, condenser.  
 S56-1 Tubes and tube sheets, feed-water heater.  
 S72-4 Tubes, turret gun.  
 F33-1 Tubes, voice I. C.  
 N9-1 Tubercular wards.  
 P3-1 Tuberculosis.  
 F48-2 Tubing and fittings, anti-icing.  
 S77-1 Tubing, gas and smoke warfare.  
 S34-2 Tubs, commissary.  
 DD57 **TUCKER** (stricken).  
 DD374 **TUCKER** (new).  
 CL98 **TUCSON.**  
 AT Tugs, fleet (ocean-going).  
 YT Tugs, harbor.  
 YMT Tugs, motor.  
 P11-1 Tuition.  
 SS284 **TULLIBEE.**  
 PG22 **TULSA.**  
 EN11-27 Tulsa, Oklahoma, inspector of naval aircraft.  
 S35 Tumbler dryer, laundry.  
 S37-2 Tumblers, holders, spit-cups, medical.  
 S12-1 Tumbling block.  
 P3-1 Tumors and cancers.  
 AM127 **TUMULT.**  
 SS203 **TUNA.**

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EF28-18 Tunis (French Colonies).  
 S11-5 Tunnel, shaft.  
 N23-8 Tunnels, intake and discharge.  
 S11-7 Tunnels and trunks, pipe.  
 L20-1 Tunnels, vehicular.  
 N8-9 Tunnels, wind.  
 SS282 **TUNNY.**  
 AMc55 **TURACO.**  
 NP18 Turbine and boiler laboratory, Philadelphia, Pa. .  
 S48-10 Turbine exhaust trunk, main piping.  
 S65-5 Turbine reduction gear indicator.  
 S50-1 Turbines, auxiliary.  
 F21-4 Turbines, internal-combustion.  
 S42 Turbines, main, and cruising reduction gear.  
 S41 Turbines, main, and propelling machinery.  
 F21-6 Turbines, steam.  
 S75-1 Turbines, torpedo.  
 S61 Turbo alternators and generators, ship.  
 N23-7 Turbo alternators and generators, shore.  
 S65-4 Turbo blower signal system.  
 S41-4 Turboelectric drive, main-propelling.  
 EF70 Turkey.  
 AM13 **TURKEY.**  
 EF13-44 Turks Island (British).  
 F31-1 Turn indicator.  
 S76-1 Turnbuckles, mine.  
 S72-3 Turnbuckles, turret.  
 DD259 **TURNER** (stricken).  
 DD648 **TURNER** (new).  
 F1-2 Turning experiments.  
 S41-6 Turning gear, engines.  
 S24-9 Turning gear, periscope and housing.  
 S43-1 Turning gear, shafting.  
 S72-2 Turning gear, turret.  
 S91-2 Turning machines, tinsmith.  
 S8-2 Turning trials.  
 F13-1 Turnover structure, fuselage.  
 N10-3 Turntables, airplane.  
 N13-7 Turntables, railroad.  
 PY18 **TURQUOISE.**  
 N5-21 Turret assembly shop.  
 S13-4 Turret and armor, barbette.  
 A5-1 Turret and broadside, spotting practice.  
 MS Turret captain.  
 S16-6 Turret and smokestack footrails.  
 S71-1 Turret train indicators and transmitters, main battery control.  
 S11-14 Turrets, guns, foundations, and armor.  
 S71-1 Turrets, fire control.  
 S72 Turrets, structures, fittings.  
 AT77 **TUSCARORA.**  
 CA37 **TUSCALOOSA.**  
 PR4 **TUTUILA** (ex-PG44).  
 NU8 Tutuila, radar station.  
 KP114 Tutuila, Samoa, marine post.  
 NA63 Tutuila, Samoa, naval air station.  
 NH43 Tutuila, Samoa, naval dispensary.  
 NS9 Tutuila, Samoa, naval station.  
 NT4-35 Tutuila (Pago\_Pago) Samoa, naval net depot.

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NR92 Tutuila, Samoa, radio-traffic station.  
 ND12 Twelfth Naval District.  
 EN9-135 Twelfth naval district, supervisory cost inspector.  
 A14-1 Twelve-mile limit.  
 DD127 **TWIGGS** (stricken).  
 DD591 **TWIGGS** (new).  
 DD540 **TWINING**.  
 S72-4 Twist and elongation of gun liners, turret guns.  
 S73-1 Twist and elongation of gun liners, broadside gun.  
 NX26 Tybee Island, S. C., radio direction-finder station.  
 S82-3 Type of boats, special.  
 S28-1 Type or class of ship, change in.  
 F40-1 Type, designations.  
 N32-7 Type of scales, Toledo.  
 S83-2 Types and marks, catapults and gear, airplane.  
 S82-9 Typewriters, and desks, ship use.  
 N36-4 Typewriters, ashore.  
 F34-2 Typewriters, aeronautical.  
 P3-1 Typhoid fever.  
 P2-3 Typhoid vaccination.  
 H4-9 Typhoons.  
 P2-1 Typhus.

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EF13-18 Uganda Protectorate (British).  
 EF71 Ukraine.  
 S29-1 Ullage table.  
 S52 Umbrellas, smoke pipe.  
 A5-7 Umpires, engineering performance.  
 AT52 **UMPQUA**.  
 YT4 **UNADILLA**.  
 NB95 Unalaska, Alaska, submarine base.  
 KM Unattached marine attachments.  
 P13-5 Unauthorized use of; public property, vehicles, boats.  
 JJ55-3 Unauthorized wearing of uniforms.  
 P13-2 Unbecoming conduct.  
 L12-1 Uncashed and unclaimed checks.  
 L16-4 Unclaimed pay.  
 L11-1 Unclaimed and stray material.  
 L12-1 Unclaimed and uncashed checks.  
 A20 Unclassifiable communications.  
 IX Unclassified vessels, naval.  
 YX Unclassified yard craft.  
 S8-2 Uncompleted work by contractor.  
 AT58 **UNDAUNTED** (ex-YT125).  
 A6-4 Undelivered mail.  
 P14-4 Under-age enlistments.  
 S75-1 Under-bottom torpedoes.  
 S11-12 Under construction and repair, foundations for auxiliaries.  
 EN2-3 Under Secretary of the Navy.  
 ET2 Under Secretary of the Treasury.  
 ES2 Under Secretary of State.  
 P6-3 Undertaking.  
 S7 Underwater bottoms, inspection of.  
 S92 Underwater cutting equipment.  
 A6-3 Underwater sound signaling.  
 S68 Underwater sound.  
 P2-5 Underweight and weight, physical examination.

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P19-1 Undesirable discharge.  
 L9-3 Unfinished work.  
 A8-5 Unfriendly persons.  
 S32-9 Uniform boards.  
 L16-9 Uniform gratuity.  
 JJ55-3 Uniform insignia.  
 A2-3 Uniform regulations.  
 NP19 Uniform shop, Brooklyn, N. Y.  
 JJ55 Uniforms.  
 P8-4 Uniforms, discrimination against.  
 P13-2 Uniforms, offenses in connection with.  
 JJ55-3 Uniforms, unauthorized wearing of.  
 AVP31 **UNIMAK.**  
 EN9-112 Union Iron Works, San Francisco, Calif., navy cost in-  
 spector.  
 EF61 Union of Socialist Soviet Republics.  
 EF13-27 Union of South Africa (British).  
 P8-1 Unions, labor and trade.  
 EN9-72 United Aircraft Corp., Pawcatuck, Conn., navy cost in-  
 spector.  
 EN7-17 United Dry Docks, Staten Island, N. Y., superintending  
 constructor.  
 EN9-119 United Engineering Co., Ltd., San Francisco, Calif., navy  
 cost inspector.  
 CC6 **UNITED STATES** (stricken).  
 EG United States of America.  
 EO United States Bureau of Efficiency.  
 GL United States Capitol  
 N16-11 United States commercial drydocks.  
 EZ United States Council of National Defense.  
 EX United States Emergency Fleet Corporation.  
 HC United States Employees' Compensation Commission.  
 FF1 United States Fleet.  
 HR United States Geographic Board.  
 AP29 **U. S. GRANT.**  
 GB United States Interdepartmental Social Hygiene Board.  
 LE United States Maritime Commission.  
 LE3 United States Maritime Commission Cadet Schools.  
 LE2 United States Maritime Commission, Division of Training.  
 QS7-1 United States Maritime Service Training Ships.  
 LE1-1 United States Maritime Service Training Station, Gallups  
 Island, Boston, Mass.  
 LE1-2 United States Maritime Service Training Station, Fort  
 Trumbull, New London, Conn.  
 LE1-3 United States Maritime Service Training Station, Hoffman  
 Island, New York.  
 LE1-6 United States Maritime Service Training Station, Alameda,  
 Calif.  
 LE1-5 United States Maritime Service Training Station, Hueneme,  
 Calif.  
 LE1-4 United States Maritime Service Training Station, St.  
 Petersburg, Florida.  
 LE1 United States Maritime Service Training Station.  
 EJ-18 United States marshals.  
 A17-11 United States Naval Reserve Force or Coast Guard, mem-  
 bers, courts-martial.  
 EV United States Railroad Administration.  
 EK United States Railroad Labor Board.  
 EU United States Shipping Board.

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A4-5 United States ships or aircraft visits to United States or  
 foreign ports.  
 HE United States Veterans' Bureau.  
 P13-1 United States at war.  
 FH Unit (ship).  
 OF9 Unit commander.  
 A3 Units, administrative, powers, duties and functions.  
 S43-1 Universal joints, shafting.  
 S35 Universal laundry press.  
 A16-1 Universal training.  
 P13-5 Unknown parties, theft by, of military property of United  
 States.  
 P9-2 Unlawful assemblies, political.  
 P13-2 Unlawful possession of liquor, narcotics, drugs; unlawful  
 assembly.  
 L6-2 Unliquidated and liquidated damages.  
 L21-6 Unloading and loading (shipments).  
 L6-2 Unpaid bills.  
 L11-3 Unserviceable material.  
 P20-1 Unsuitability, manner of performances.  
 L21-4 Unused bills of lading.  
 P16-3 Unusual or additional duties (other than punishment).  
 F34-6 Upholstery.  
 S91 Upkeep shops and equipment.  
 S72-1 Upper handling room, turrets.  
 EF28-15 Upper Volta (French).  
 P9-2 Uprisings.  
 DD144 **UPSHUR.**  
 DD193 **UPSHUR, ABEL P.**  
 S13-7 Uptake armor.  
 S52 Uptake doors, dampers, and smoke pipes.  
 S13-7 Uptake, ventilation, armored trunks and armor.  
 AF14 **URANUS.**  
 S36-1 Urinal trough.  
 S34-2 Urns, coffee, steam jacketed.  
 EF72 Uruguay.  
 AM130 **USAGE.**  
 A17-9 Usages, customs and naval law.  
 P13-2 Use of drugs, narcotics, drug addicts.  
 A6-6 Use of records.  
 JM Used material.  
 A6-6 Useless records, destruction of.  
 P13-3 Usury.  
 AG16 **UTAH (ex-BB31).**  
 EG45 Utah.  
 AT76 **UTE.**  
 S34-2 Utensils, cooking.  
 S33-5 Utility spaces, living.  
 VJR Utility transport.  
 FU Utility wings.  
 P13-2 Uttering mutinous words.  
 A15-2 Unveilings.

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P14-2 Vacancies.  
 P18-1 Vacation.  
 P2-3 Vaccination.  
 S46-4 Vacuum augmentor condensers.  
 F34-3 Vacuum bottles, furnishings.

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S36-5 Vacuum cleaners.  
 S87 Vacuum gauges.  
 S67 Vacuum-tube telegraph systems.  
 YT116 **VAGA.**  
 AMc108 **VALOR.**  
 L10-3 Value, estimate of.  
 L23-1 Value, foreign coins and currency.  
 L11-3 Valve, or material, depreciation of.  
 S92 Valve-reseating machines.  
 F24-4 Valve, starting, air starting primer.  
 F32-6 Valves, air and gas, control.  
 S49 Valves, air system.  
 S51 Valves, boiler.  
 S36-1 Valves, cocks, and water heaters.  
 S46 Valves, condensing.  
 S58 Valves, distiller.  
 S88-4 Valves, drainage of counter flooding, damage control.  
 F27-1 Valves, dump, fuel tanks.  
 F21-1 Valves, engine.  
 F18 Valves and fittings, gas cells.  
 S55 Valves, fuel oil.  
 F18 Valves, gas cells and envelope.  
 S76-2 Valves, hydraulic control, depth charge.  
 S45 Valves, lubricating system.  
 S41 Valves, main propelling machinery.  
 S22 Valves and piping, steering and diving.  
 F29-1 Valves, refacing and reseating equipment.  
 S59 Valves, refrigerating system.  
 F27-2 Valves, relief, fuel piping.  
 S22 Valves, steering.  
 S75-1 Valves, torpedo.  
 S38-1 Valves, ventilating.  
 IX47 **VAMARIE** (ex-YX23).  
 N36-12 Van Dyke cloth and paper.  
 F41-6 Vanes, bombs.  
 S71-8 Vanes, wind, fire control.  
 S48-10 Vapor and escape pipes, other than galley.  
 S58-3 Vapor heaters, distilling.  
 S34-2 Vapor pipes, galley.  
 F23-1 Variable pitch propeller.  
 S72-9 Variable speed gear, turret gun.  
 EN25-11 Various S. B. Firms, New York, N. Y., supervisor of ship-  
 building.  
 F38-2 Varnish and paint remover.  
 JJ52 Varnishes, removers, and shellacs.  
 N6-1 Varnish, storehouse for.  
 NE13 Vashon Island, Wash., trial course.  
 N5-15 Vats and plants, pickling.  
 N3-1 Vaults.  
 AK17 **VEGA.**  
 S34-2 Vegetable lockers, messing.  
 N6-56 Vegetable storehouse.  
 S30-3 Vegetable stowage.  
 P13-5 Vehicles, boats, and other articles, unauthorized use of.  
 N33 Vehicles and livestock.  
 L20-1 Vehicular tunnels.  
 S87 Velocities, measuring, chronographs for.  
 AM128 **VELOCITY.**  
 EW27-10 Venecia Arsenal (Army).

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P3-1 Venereal diseases.  
 P13-7 Venereal diseases, concealment of.  
 EF73 Venezuela.  
 S65-5 Vent valve, electric indicator system.  
 S41-4 Ventilating coolers and sets, electric drive.  
 S77-2 Ventilating cowls and buckets, gas and smoke warfare.  
 S41-5 Ventilating crankcase, Diesel.  
 S12-3 Ventilating deadlights (light excluders).  
 F35 Ventilating and heating .  
 S38-1 Ventilating set, fan and motor.  
 S41-4 Ventilating sets, coolers and electric heaters.  
 N19-5 Ventilating and ventilators, buildings.  
 S13-7 Ventilation, armored trunks, uptake and armor.  
 S38 Ventilation and heating.  
 F35-1 Ventilation system and sets, apparatus, and accessories.  
 N19-5 Ventilators and ventilating, buildings.  
 S75-2 Vents, torpedo tubes.  
 S87 Venturi meters.  
 QW12 Vera Cruz campaign.  
 P2-3 Vermin extermination.  
 BB20 VERMONT (stricken).  
 EG46 Vermont.  
 EN24-11 Vernon, Calif., Los Angeles District, inspector of naval material.  
 EN9-152 Vernon, Calif., navy cost inspector, Western Gear Works.  
 S11-4 Vertical keels.  
 S70-1 Very's night signal sets.  
 F41-15 Very's pistol and ammunition.  
 N6-77 Vessel materials and equipment, submarine, storehouse for.  
 A4 Vessels (see ships).  
 L5-1 Vessels and aircraft, operation of.  
 N20-1 Vessels, inspection of.  
 QS Vessels, light and lighthouses.  
 A4 Vessels other than Navy.  
 AR4 Vessels, operation of.  
 F49-4 VESTAL.  
 P8-2 Vests, bulletproof.  
 L13-2 Veteran associations.  
 HE Veterans' Act, World War.  
 EN9-18 Veterans' Administration and Bureau.  
 LV Veterans' Bureau, Navy detail, Washington, D. C.  
 NV Veterans, ex-service men.  
 P14-2 Veterans' homes, naval.  
 N14-1 Veteran's preference.  
 S87 Viaducts and bridges.  
 OL12 Vibraph. graph.  
 P13-7 Vice admirals.  
 EE2 Vice, personnel.  
 EN6-31 Vice President, The.  
 EN9-139 Vickers, Inc., Detroit, Mich., inspector of ordnance.  
 EN9-140 Vickers, Inc., Detroit, Mich., navy cost inspector.  
 CL81 Vickers, Inc., Waterbury Tool Division, Waterbury, Conn., navy cost inspector.  
 AMc109 VICKSBURG.  
 P15 VICTOR.  
 EF13-45 Victor medals.  
 NA51 Victoria (British).  
 NB26 Vieques, Puerto Rico, naval air station.  
 Vieques, Puerto Rico, naval operating base.

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YT25 **VIGILANT** (stricken).  
 AMc110 **VIGOR.**  
 ARS1 **VIKING.**  
 PG42 **VILLALOBOS.**  
 CA44 **VINCENNES.**  
 A6 Violations, communication instructions.  
 N25-4 Violet-ray sterilizer.  
 F7 Violet rays.  
 AM52 **VIREO.**  
 EG56 Virgin Islands.  
 NH21 Virgin Islands, West Indies, naval hospital.  
 EG47 Virginia.  
 NX19 Virginia Beach, Va., radio direction-finder station.  
 NR34 Virginia Beach, Va., radio traffic station.  
 S55-5 Viscosimeter, fuel-oil.  
 S92 Visas.  
 S65-5 Visible signal systems.  
 P2-5 Vision, physical examination.  
 A15-1 Visits of ceremony.  
 A4-5 Visits, of ships or aircraft.  
 A2-14 Visits to ships and shore establishments, Executive de-  
 partments.  
 A6-3 Visual signaling.  
 F42-3 Visual signals.  
 S71 Visuals, battery control, fire control.  
 AM129 **VITAL.**  
 PY4 **VIXEN** (stricken).  
 PG53 **VIXEN** (new).  
 NR96 Vladivostok, Russia, radio traffic station.  
 HF Vocational Education, Federal Board of.  
 HE Vocational training.  
 F33-1 Voice tubes.  
 S65-3 Voice tubes, general and fire control.  
 S71-1 Voice-tube station, relay (fire control).  
 H1-20 Volcanoes.  
 S65-5 Voltage indicator systems, battery.  
 S62-2 Voltage regulators, electric distribution.  
 F36-12 Voltmeters.  
 S60 Voltmeters.  
 S69 Voltmeters and wattmeters, installed and portable.  
 P19-2 Voluntary retirement.  
 AS-4 Volunteer informants, secret service.  
 QR3 Volunteer, Naval Reserve.  
 P14-1 Volunteers, call for.  
 P18-1 Voting, absence for.  
 P9-3 Voting.  
 A17 Voting, method of courts-martial.  
 L6-2 Vouchers, and abstracts of.  
 AC5 **VULCAN** (stricken).  
 AR5 **VULCAN** (new).

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S29-1 WRT and WRM, compensating.  
 AOG4 **WABASH.**  
 F49-4 Waders.  
 DD60 **WADSWORTH** (stricken).  
 DD516 **WADSWORTH** (new).  
 L16 Wages, pay, salary.  
 N13-5 Wagon and cart sheds.

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N32-2 Wagon scales.  
 N33 Wagons, vehicles.  
 NR90 Wahiawa, T. H. (Honolulu, Hawaii) radio traffic station.  
 YT1 WAHNETA (stricken).  
 YT134 WAHNETA (new).  
 SS238 WAHOO.  
 YT140 WAHTA.  
 DD62 WAINWRIGHT (stricken).  
 DD419 WAINWRIGHT (new).  
 S79-4 Waist and cartridge belts.  
 N3-4 Waiting station.  
 P14-4 Waivers for enlistment.  
 L5-1 Waivers of requirements, inspection and tests.  
 L4-2 Waiving competition on proposals.  
 PR3 WAKE (ex-Guam) (ex-PG43).  
 EG60 Wake Island.  
 NA39 Wake Island, naval air base.  
 NU6 Wake Island, Radar Station.  
 NB97 Wake Island, submarine base.  
 S64-5 Wake lights, electric.  
 AD21 WAKEFIELD.  
 KP115 Wakefield, Mass., marine post.  
 EF30 Waldeck (Germany).  
 EF13-1 Wales (British).  
 N5-49 Walk, rope.  
 S24-6 Walkway, conning tower.  
 F14-1 Walkway, keel, bow (airship).  
 DD34 WALKE (stricken).  
 DD416 WALKE (new).  
 DD163 WALKER (now IX44 DCH-1).  
 DD517 WALKER (new).  
 S16-4 Walking flats.  
 F13 Walking way, hull and landing gear.  
 P8-1 Walk-outs, labor.  
 N2-3 Walks, street.  
 F11-1 Walkways, wings.  
 JJ59-8 Wallboard.  
 N31-6 Wall cranes.  
 P10-1 Wall scaling (athletics).  
 DD466 WALLER.  
 N3-4 Walls, boundary.  
 N19-2 Walls, floors, and ceilings, buildings.  
 N15 Walls, sea and quay.  
 YN31 WALNUT (now Pepperwood).  
 EN9-127 Walter Scott & Co., Inc., Plainfield, N. J., navy cost in-  
 spector.  
 AT26 WANDANK.  
 YT123 WANDO (ex-AT17).  
 YN45 WAPASHA.  
 YN56 WAPELLO.  
 A2-6 War, articles of.  
 A3-1 War basis and footing.  
 A14-5 War, causes, declaration, proclamation, and termination of.  
 EW24 War College, Army.  
 NC3 War College, Naval, Newport, R. I.  
 EW23 War Credits Board, War Department.  
 EW War Department.  
 EW19 War Department, Puerto Rico Government.  
 HA War Finance Corporation.

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S86-5 War-game outfits.  
 N6-71 War heads, storehouse.  
 S75 War heads, torpedo.  
 A12-1 War, historical matters.  
 EI25 War Mineral's Relief.  
 EN3-1 War plans division, Navy.  
 A16 War, preparation for and conduct of.  
 HE War-risk insurance.  
 L13-2 War-risk insurance, (insurance and bonding).  
 L7-2 War-saving stamps.  
 P20-2 War-service certificates.  
 S28-5 War-service plates.  
 P16-8 War slate.  
 P13-1 War, state of.  
 QW Wars.  
 ARS11 **WARBLER.** (ex-AM53).  
 DD139 **WARD.**  
 DD132 **WARD, AARON** (stricken).  
 DD483 **WARD, AARON** (new).  
 N9-1 Ward buildings, hospital.  
 S37-1 Ward, contagious.  
 JE3 Wardroom mess.  
 S33-2 Wardrooms.  
 P7 Wards.  
 A16 Warfare, civilized.  
 F26-3 Warm-up compartments.  
 KP137 Warm Springs, Ga., Marine Detachment, Camp Roosevelt.  
 S34-2 Warming closet.  
 N10-11 Warming-up platforms, airplane.  
 S65-4 Warning signals, electric.  
 S87 Warp indicators.  
 S26-4 Warping and mooring lines, wire and manila.  
 A17-15 Warrant of attachment, courts-martial.  
 OW Warrant officers.  
 JE5 Warrant officer's mess.  
 N4-1 Warrant officer's quarters.  
 P14-5 Warrants.  
 L6-2 Warrants, authority for making payment.  
 P14-5 Warrants and commissions (appointment).  
 DD30 **WARRINGTON** (stricken).  
 DD383 **WARRINGTON** (new).  
 S36-1 Wash buckets and troughs.  
 S19-1 Wash, cement.  
 S33-6 Washbasins.  
 S35 Washer, laundry.  
 S85 Washers and dryers, print, photography.  
 S76-1 Washers, soluble, mines.  
 N4-13 Washhouse.  
 S71-8 Washing devices, optical instruments, fire-control.  
 N4-13 Washing and laundry buildings.  
 S36-1 Washroom.  
 S35 Washtubs.  
 EG48 Washington.  
 BB47 **WASHINGTON** (stricken).  
 BB56 **WASHINGTON** (new).  
 NP12 Washington, D. C., aeronautical engine testing laboratory.  
 KP117 Washington, D. C., barracks detachment.  
 NC34 Washington, D. C. (Bellevue), radio material school.

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NC86	Washington, D. C. (Bethesda, Md.), naval dental school, naval medical center.
EN30	Washington, D. C. (Bethesda, Md.), Naval Medical Center.
NR29	Washington, D. C., Bureau of Standards, radio traffic station.
EN9-22	Washington, D. C., central sales board.
NC52	Washington, D. C., deep sea diving school.
NC63	Washington, D. C., electrical interior communication school (Anacostia station).
NP17	Washington, D. C., fire-control laboratory.
NC13	Washington, D. C., fire-control school.
NC17	Washington, D. C., gunner's mates' school.
NC85	Washington, D. C., inspector's school, Naval Gun Factory.
KP118	Washington, D. C., institute detachment.
KP116	Washington, D. C., marine post.
KH4	Washington, D. C., marine post exchange.
NC101	Washington, D. C., mine recovery school, navy yard.
NC47	Washington, D. C., music school.
NP7	Washington, D. C., Naval Gun Factory.
NH6	Washington, D. C., naval hospital.
KP119	Washington, D. C., naval hospital (marine detachment).
NC43	Washington, D. C., naval medical school.
NM9	Washington, D. C., naval receiving barracks.
QD1	Washington, D. C., Navy Band.
NR28	Washington, D. C., Navy building radio traffic station.
EN9-19	Washington, D. C., Navy detail, Budget Bureau.
EN9-18	Washington, D. C., Navy detail, Veteran's Bureau.
NY5	Washington, D. C., navy yard.
KP120	Washington, D. C., navy yard (marine detachment).
NR27	Washington, D. C., navy yard radio traffic station.
NC27	Washington, D. C., optical school.
NC5	Washington, D. C., supply corps school of application (now Navy Supply Corps School, Graduate School of Business Administration, Harvard University, Boston, Mass).
NP10	Washington, D. C., wind tunnel.
HU	Washington National Monument Society.
H7	Washington Naval Observatory.
EN6-26	Washington, Yard experimental ammunition unit.
EN6-27	Washington Yard, mine building.
DMS15	<b>WASMUTH</b> (ex-DD338).
CV7	<b>WASP.</b>
FG7	Wasp air group.
CMc3	<b>WASSUC.</b>
S92	Waste and oil cans or boxes.
P13-5	Waste of public property.
N3-2	Watch house.
OF21	Watch officer on ship.
P13-2	Watch or post, sleeping on.
S71-8	Watches, fire control.
S24	Watches, for ship control.
F31-3	Watches, stop and navigational.
L9-2	Watchmen, ships and plants.
S88-4	Water ballast compensating system, damage control.
F32-6	Water ballast, control.
F15-11	Water ballast, system and closets (airship).
YW	Water barges.
N33-15	Water buffaloes.
N8-5	Water channels, experimental.

S46-5 Water chests, condenser.  
 S37-2 Water closets (medical spaces).  
 S75 Water coolers, compartments, gauges, trippers and valves, torpedoes.  
 P13-3 Water cure.  
 S93 Water curtain.  
 S51 Water drums and gauges, boiler.  
 S56 Water equipment, boiler feed.  
 N15 Water-front structures.  
 GH Water, grand division.  
 S37-2 Water heaters (medical).  
 JH Water and ice.  
 N25 Water, ice and refrigerating plants.  
 S78-1 Water impact fuses, ammunition.  
 S65-4 Water indicators.  
 S31-1 Water kite, mine protection.  
 S29 Water line and water tightness, seaworthiness.  
 F39 Water, marking for piping.  
 S53-4 Water meters, distilling plant.  
 F25 Water radiator and piping, cooling system.  
 L21 Water rates and shipment.  
 F23 Water-recovery system.  
 F13 Water rudder and controls, body group.  
 H1-15 Water, sea.  
 S48 Water seals and service, piping.  
 S19-8 Water-stop compound.  
 F21 Water systems, main propelling machinery.  
 F24 Water systems, sanitation furnishings.  
 S36 Water systems, sanitation.  
 N26-6 Water systems.  
 AWK Water tankers.  
 ME Water tenders.  
 S56-5 Water-testing outfits, feet water.  
 EN9-140 Waterbury, Conn., navy cost inspector, Vickers, Inc., Waterbury Tool Division.  
 S11-5 Watertight bulkheads.  
 S65-5 Watertight door indicator.  
 S16-2 Watertight doors, hatches, manholes and scuttles.  
 S77-1 Watertight drums and phosphorous, gas and smoke warfare.  
 S62-2 Watertight receptacles and plugs, electric power distribution.  
 S71-8 Watertightness (optical instruments), fire control appliances.  
 JJ59-7 Waterproofing material.  
 DD115 WATERS.  
 H1-22 Waters, pollution of.  
 S12-5 Watersheds, other than turret.  
 S72-3 Watersheds, turret.  
 EW27-6 Watertown Arsenal (Army).  
 EW27-4 Watervliet Arsenal (Army).  
 S72-1 Waterway, turret.  
 S11-6 Waterways.  
 DD482 WATSON.  
 S69 Wattmeters and voltmeters, installed and portable.  
 DD567 WATTS.  
 YFB10 WAVE (stricken).  
 S1-1 Wave formation.  
 A6-2 Wavelengths, radio.  
 H1 Waves, sea water.  
 AMc15 WAXBILL.

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S36-5 Waxing machines, floor.  
 EN9-180 Wayne Pump Co., Ft. Wayne, Ind., navy cost inspector.  
 S6-1 Ways, launching.  
 N18 Ways, ship.  
 P13-2 Weaken authority of superior, effort to.  
 P13-2 Weapons, concealed, possession of.  
 EC21 Weather Bureau, Department of Commerce.  
 S18-2 Weather cloths, canvas.  
 H4 Weather, meteorology and aerology.  
 S11-3 Web frames.  
 F43-2 Webbing, parachute.  
 S72-3 Wedges, blocking, turret.  
 F13 Wedges, step, body group.  
 A9-6 Weekly reports.  
 YT116 **WEEKS, GENERAL.**  
 N32 Weighing and testing apparatus (including structures).  
 F1 Weight, design.  
 N31 Weight handling.  
 S6-2 Weight, launching.  
 S29 Weight, stability and integrity (seaworthiness).  
 L2-4 Weight standards.  
 P2-5 Weight and underweight, physical examination.  
 S78-1 Weights, ammunition.  
 EF13-16 Weihaiwei (British).  
 DD195 **WELBORN C. WOOD** (stricken).  
 NC88 Welder School, San Diego, Calif.  
 F7 Welding.  
 S29-6 Welding.  
 S92 Welding outfits.  
 N34-21 Welding outfits.  
 N5-14 Welding shops.  
 S91-1 Welding and wire shops, metal.  
 N4-7 Welfare buildings.  
 P21-1 Welfare and welfare work.  
 DD257 **WELLES** (stricken).  
 DD628 **WELLES** (new).  
 N25-2 Wells and cisterns.  
 N16-2 Wells, pump, drydock.  
 N23-8 Wells, suction and discharge.  
 PY11 **WENONAH** (stricken).  
 YT148 **WENONAH** (new).  
 EN9-147 West Bond, Wis., navy cost inspector, West Bond Aluminum Co.  
 NA14 West coast dirigible base, Sunnyvale, Calif.  
 NN2 West coast shore stations  
 QG2-3 West Indies.  
 EF13-44 West Indies (British).  
 EN9-101 West Orange, N. J., navy cost inspector, Thomas A. Edison, Inc.  
 AP23 **WEST POINT.**  
 BB48 **WEST VIRGINIA.**  
 EG49 West Virginia.  
 EF13-45 Western Australia (British).  
 EN11-26 Western district, general inspector of naval aircraft.  
 KR8 Western division, Marine recruiting corps.  
 KT5 Western division, Marine Reserve detachment.  
 NL45 Western division, Navy recruiting inspectors.  
 ES9 Western European Affairs, division of State Department.

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EN9-152 Western Gear Works, Vernon, Calif., navy cost inspector.  
 QG2 Western Hemisphere.  
 EN9-177 Western Pipe & Steel Co., San Francisco, navy cost inspector  
 EF13-48 Western Samoa (British).  
 EN9-46 Westinghouse Co., Pittsburgh, Pa., navy cost inspector.  
 EN9-59 Westinghouse E. & M. Co., Canton, N. J., navy cost inspector.  
 EN9-61 Westinghouse E. & M. Co., Louisville, Ky., navy cost inspector.  
 S71-8 Wet-type gun mounts, telescopes, watertight for submarine.  
 SS239 **WHALE.**  
 S82-14 Whaleboats.  
 H1-24 Whales, seals, observation of.  
 L21-2 Wharfage.  
 AP7 **WHARTON.**  
 N15-2 Wharves.  
 N34-15 Wheelbarrows and pushcarts.  
 S22 Wheel and control stand, steering.  
 IX28 **WHEELING** (ex-PG14).  
 F48-1 Wheels, beaching gear.  
 F13 Wheels, body group.  
 F32 Wheels, control system.  
 S42 Wheels and pinions, reduction gear.  
 N33-7 Wheels, timber.  
 S75-1 Wheels turbine, torpedoes.  
 N5-13 Wheelwright shops.  
 P16-3 Whereabouts of personnel.  
 S82-17 Wherries.  
 NA58 Whidbey Island, Wash., naval air station.  
 S73-1 Whip of gun, broadside.  
 S72-4 Whip of gun, turret.  
 AM35 **WHIPPOORWILL.**  
 DD217 **WHIPPLE.**  
 S78-2 Whips, ammunition handling.  
 S54-3 Whips, coal and ash handling.  
 S72-5 Whips of guns, rubbing, turrets gun slides.  
 N28-10 Whistles and bells.  
 S48-25 Whistles, sirens, installed fog horns.  
 EE1 White House.  
 P13-6 White slavery.  
 NX34 Whitefish, Point, Mich., radio direction-finder station.  
 NR57 Whitefish Point, Mich., radio traffic station.  
 AD4 **WHITNEY.**  
 YO49 **WHITSTOCK.**  
 CA45 **WICHITA.**  
 EN11-22 Wichita, Kans., inspector of naval aircraft.  
 DD75 **WICKES** (stricken).  
 DD578 **WICKES** (new).  
 YT26 **WICOMICO** (stricken).  
 ASR1 **WIDGEON** (ex-AM22).  
 P7 Widows and widowers.  
 P7 Wife, common law.  
 A17-15 Wife, or husband, testimony of, courts-martial.  
 S26-1 Wildcats, mooring.  
 DD597 **WILEY.**  
 DD67 **WILKES** (stricken).  
 DD441 **WILKES** (new).  
 CL90 **WILKES BARRE.**

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AK-40 **WILL H. POINT.**  
 EN9-50 Willamette Iron & Steel Corporation, Portland, Oreg.,  
 navy cost inspector.  
 EN25-30 Willamette Iron & Steel Corporation, Portland, Oreg.,  
 supervisor of shipbuilding.  
 ARS12 **WILLET** (ex-AM54).  
 DD579 **WILLIAM D. PORTER.**  
 AVD7 **WILLIAM B. PRESTON** (ex-DD344).  
 AP15 **WILLIAM P. BIDDLE.**  
 AK36 **WILLIAM R. GIBSON.**  
 DD308 **WILLIAM JONES** (stricken).  
 AP6 **WILLIAM WARD BURROWS.**  
 DD108 **WILLIAMS** (stricken).  
 PG56 **WILLIAMSBURG.**  
 AVD2 **WILLIAMSON** (ex-AVP15; ex-DD244).  
 A17-5 Wills and testaments.  
 EN6-43 Willys-Overland Motors, Inc., inspector of ordnance,  
 Toledo, Ohio.  
 EN9-102 Willys-Overland Motors, Inc., navy cost inspector, Toledo,  
 Ohio.  
 1X29 **WILMETTE.**  
 IX30 **WILMINGTON** (ex-PG8; now Dover).  
 CL79 **WILMINGTON** (new).  
 EN25-5 Wilmington, Del., supervisor of shipbuilding, American  
 Car & Foundry Co.  
 DD408 **WILSON.**  
 S24-9 Winch, hoisting, periscope.  
 S20 Winches, and capstans.  
 F37-1 Winches, electric and hand, mooring.  
 N31-12 Winches, shore.  
 N10-1 Wind breaks.  
 N39-1 Wind-cone lights, landing field.  
 S18-2 Wind sails.  
 F1-2 Wind tunnel tests.  
 S1-2 Wind tunnel tests.  
 NP10 Wind tunnel, Washington, D. C.  
 N8-9 Wind tunnels.  
 S71-8 Wind vanes, fire control.  
 S26-1 Windlass, mooring.  
 F27-4 Windmill, power pumps.  
 S12 Windows.  
 F13-1 Windows and doors, body group.  
 F12 Windows and doors, inspection, tail group.  
 S71-8 Windows, fire control appliances.  
 F11 Windows, inspection, wing group.  
 P6-5 Windows, memorial.  
 N19-9 Windows, skylights and sashes, buildings.  
 S18-2 Windsail, canvas.  
 F34-6 Windshield.  
 S24-6 Windshield, bridge.  
 F13-1 Windshields, body fuselage.  
 S71-8 Windshields, fire control.  
 S78-1 Windshields, projectile ammunition.  
 EF13-44 Windward Islands (British).  
 F32-5 Wing form control.  
 F11 Wing group.  
 S11-5 Wing partition bulkheads.  
 S73-2 Wing plates, gun parts, broadside guns.  
 S91-1 Wing repair shop.

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F13 Wing skids and stubs, body group.  
 F36-11 Wing tip flares.  
 FP Wings, patrol (aircraft).  
 FU Wings, utility (aircraft).  
 DD53 **WINSLOW** (stricken).  
 DD359 **WINSLOW** (new).  
 JJ55-1 Winter clothing.  
 S43-2 Wipers, lubricating.  
 S45-2 Wipers, piping and cups, lubricating equipment cups.  
 S62-2 Wire, electric distribution.  
 F-15-10 Wire gas-pressure netting.  
 S18-1 Wire, hemp and manila, rigging and canvas.  
 S26-4 Wire and manila warping and mooring lines.  
 S11-5 Wire mesh, screens.  
 S76 Wire ropes, mire and depth charges.  
 L10-7 Wire, traffic and commercial radio accounts.  
 S91-1 Wire and welding shops, metal.  
 F13 Wires, body group.  
 F12 Wires, tail group.  
 F11 Wires, wing group.  
 S62 Wiring appliance, electric distribution.  
 F19-2 Wiring attachments, main body cover.  
 F17-1 Wiring, car.  
 F16 Wiring, fins and rudders.  
 S71-8 Wiring, fire-control.  
 F21-1 Wiring, ignition.  
 F36-5 Wiring, lighting.  
 S41-4 Wiring, main electric drive.  
 F15 Wiring, other hull structures.  
 S11-7 Wiring passages.  
 S67 Wiring, radio.  
 F14 Wiring, strength, hull structures.  
 F42-1 Wiring and appliances, radio.  
 S68 Wiring and appliances, under water signaling.  
 BB64 **WISCONSIN.**  
 EG50 Wisconsin.  
 A10-3 Withdrawals and cancellations (publications).  
 P19-1 Without honor or prejudice, discharge.  
 P13-8 Without leave and over leave, absence.  
 P18-1 Without pay leave.  
 P16-3 Witness duty.  
 P18-1 Witness duty, absence for.  
 A17 Witnesses, courts-martial.  
 P7 Wives.  
 YT138 **WOBAN.**  
 IX31 **WOLVERINE** (stricken).  
 EL9 Woman's Bureau, Department of Labor.  
 P13-6 Women and children, traffic in, white slavery.  
 A14-3 Women and children, treatment of.  
 P14-2 Women, employment of.  
 YT27 **WOMPATUCK.**  
 DD317 **WOOD** (stricken).  
 S18-1 Wood, cord, rope and cane, fenders (portable).  
 S14-1 Wood deck coverings.  
 S11-5 Wood joiner bulkheads.  
 AP25 **WOOD, LEONARD.**  
 S17-2 Wood and metal masts and fittings.  
 F38 Wood, painting and fireproofing, finish.  
 JR2 Wood refuse.

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S39-1 Wood sheathing.  
 S92 Wood trimmers.  
 DD195 **WOOD, WELBORN C.**  
 DD309 **WOODBURY** (stricken).  
 AM14 **WOODCOCK.**  
 S77-1 Wooden boxes and mounds, gas and smoke warfare.  
 NB83 Woods Hole, Mass., section base.  
 S91-1 Woodworking shop.  
 DD460 **WOODWORTH.**  
 YT137 **WOODWORTH, J. M.** (stricken).  
 YT45 **WOOLEY, JAMES** (stricken).  
 DD437 **WORDEN** (stricken).  
 DD228 **WORDEN** (new).  
 S11-16 Work above communication platform, bridges, bridge decks,  
 etc.  
 L9-3 Work, alterations, repairs and overhaul.  
 S92 Workbenches.  
 N15-18 Work floats.  
 S10 Work incidental to other bureaus.  
 L10-3 Work, industrial accounting.  
 L6-3 Work, progress of, shipbuilding.  
 L11 Work, transfers, and loans.  
 S8 Work, trials.  
 S41-5 Working cylinders, Diesel engine.  
 L1-1 Working funds.  
 P16-5 Working parties.  
 S16-6 Working platforms.  
 S29-6 Workmanship.  
 L13-2 Workmen's Compensation Act.  
 A1-4 Works, public.  
 S91-1 Workshops.  
 YR Workshops, floating.  
 N5-76 Workshops, public.  
 QW13 World War.  
 L13-2 World War Veterans' Act.  
 S72-2 Worm drive, torpedo.  
 S72-2 Worms, turret, turning machinery.  
 P15 Worthiness.  
 EN9-128 Worthington Pump & Machine Corp., Harrison, N. J.,  
 navy cost inspector.  
 P13-3 Worthless checks.  
 P4-1 Wounded and accidentally injured, treatment of.  
 P6-1 Wounded in action.  
 YT150 **WOYOT.**  
 S47 Wrecking and cargo pumps.  
 S76-3 Wrecking charges, handling and stowage.  
 YSD Wrecking derrick, seaplane.  
 S94 Wrecking and diving gear.  
 N19-12 Wrecking and salvaging buildings.  
 L21-5 Wrecking, switching, shortage, and congestion of cars  
 (affecting shipments).  
 H3-8 Wrecks (vessels fast to bottom or standard), obstructing  
 navigation.  
 DD568 **WREN.**  
 S78-3 Wrenches, cartridge, fuse and tank.  
 S92 Wrenches and expanders.  
 S44 Wrenches, propeller.  
 S71-8 Wrenches, telescope.  
 P10-1 Wrestling.

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AV1 **WRIGHT.**  
 EN9-108 Wright Engineering Supply Co., Denver, Colo., navy cost  
 inspector.  
 S41-2 Wrist pins, main propelling machinery.  
 A17-15 Writings, court-martial.  
 EF30 Wurttemberg (Germany).  
 AG17 **WYOMING** (ex-BB32).  
 EF51 Wyoming.  
 EN1-6 Wyoming petroleum reserve, inspector's office.

## X

F7 X-ray analysis and equipment.  
 N9-2 X-ray building.  
 S37 X-ray, department, machines, films.  
 P3-3 X-ray treatment.  
 P5-4 X-ray treatment, dentistry.

## Y

S76-2 Y guns, depth charge.  
 S68 Y tube compensators, parts and spares, underwater signaling.  
 N4-7 Y. M. C. A. and Y. M. H. A. buildings.  
 N4-7 Y. W. C. A. building.  
 YFB688 **YACAL.**  
 IX54 **YACHT GALAXY.**  
 PY Yachts, converted, patrol vessels.  
 QS17 Yachts, privately owned.  
 AVP32 **YAKUTAT.**  
 IX32 **YANTIC** (stricken).  
 AT80 **YAQUI.**  
 YT171 **YAQUIMA.**  
 DD314 **YARBOROUGH** (stricken).  
 YY Yard craft.  
 YX Yard craft, unclassified.  
 S17-2 Yards, ship.  
 L1-2 Yards, allotments of appropriations.  
 N6-16 Yards and bins, scrap.  
 EN5 Yards and Docks, Bureau of Navy.  
 A4-1 Yards, fitting out.  
 NY Yards, navy.  
 P8-1 Yards and ships, trades for.  
 DD143 **YARNALL** (stricken).  
 DD541 **YARNALL** (new).  
 P2-1 Yellow fever.  
 MY30 Yeomanettes.  
 N4-9 Yeoman's school building.  
 MY Yeomen.  
 NC74 Yeomen, communications, radio, signal, storekeepers,  
 cooks and bakers, naval training schools.  
 YN32 **YEW.**  
 S22 Yoke or quadrant, crosshead rudder.  
 F32-2 Yoke supports, elevator control.  
 S73-1 Yokes, broadside guns.  
 S72 Yokes, turret guns.  
 NT2-8 Yokohama, Japan, coal depot.  
 NH20 Yokohama, Japan, naval hospital.  
 EN6-36 York, Pa., inspector of ordnance, York Safe & Lock Co.  
 EN9-78 York, Pa., Navy cost inspector, York Safe & Lock Co.  
 CV5 **YORKTOWN.**  
 FG5 Yorktown air group.

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NT2-3 Yorktown, Va., fuel depot.  
 KP121 Yorktown, Va., marine post.  
 NT3-2 Yorktown, Va., mine depot.  
 NC76 Yorktown, Va., mine warfare school.  
 NT4-15 Yorktown, Va., naval net depot.  
 AD19 **YOSEMITE.**  
 DD312 **YOUNG** (stricken).  
 DD580 **YOUNG** (new).  
 CL94 **YOUNGSTOWN.**  
 EF64 Yugoslavia. (Netherlands).  
 AF9 **YUKON.**  
 AT79 **YUMA.**

## Z

DNS14 **ZANE** (ex-DD337).  
 EF13-18 Zanzibar (British).  
 AM131 **ZEAL.**  
 DD313 **ZEILIN** (stricken).  
 AP9 **ZEILIN** (new).  
 S71-1 Zenith, stable, instruments main battery.  
 JJ46-4 Zinc.  
 S48-23 Zinc and boxes for fittings.  
 S19-6 Zinc dust coating.  
 F38-3 Zinc finish.  
 S39-1 Zinc and lead sheathing.  
 S51-3 Zincs, baskets, and hangers, boiler.  
 S46-5 Zincs, condenser.  
 S58-1 Zincs, evaporator.  
 S48-23 Zincs, piping.  
 PY16 **ZIRCON.**  
 H2-15 Zone system, navigation.  
 H7 Zone, time system.  
 YP93 **ZUMBROTA** (stricken).

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