



Federal Procurement Data System
**Product and Service
Codes Manual**
August 2011 Edition

Effective Date: October 1, 2011



Prepared By:
U.S. General Services Administration
Office of Governmentwide Policy

Revision Chart

Version	Description of Version	JIRA Reference #	Effective Date	Approved By
V1.1	FY 2010 Passback. Updates based on Team and Blog inputs.	N/A	1 Oct 11	

Organization of This Manual

This manual is organized as follows:

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Product and Service Codes

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I. Introduction

The Product and Service Codes (PSC) Manual provides codes to describe products, services, and research and development (R&D) purchased by the federal government. These codes indicate “WHAT” was bought for each contract action reported in the Federal Procurement Data System (FPDS).

The PSC manual has been updated to reflect changes in three areas:

1. The reporting of environmental attributes;
2. Code changes reflecting updates for technology and terminology;
3. The addition or end dating of codes.

The updated codes and reporting processes described in this manual go into effect on October 1, 2011.

II. Guidelines/Policy

Two FPDS data elements are the primary focus of the changes in this manual. The PSC is entered in FPDS in data element 8A, "Product or Service Code." Environmental attributes are entered in data element 8L, "Recovered Materials/Environmental Attributes."

These product/service codes are used to record the products and services being purchased by the Federal Government. In many cases, a given contract/task order/purchase order will include more than one product and/or service. In such cases, the "Product or Service Code" data element code should be selected based on the predominant product or service that is being purchased. For example, a contract for \$1000 of lumber and \$500 of pipe would be coded under 5510, "Lumber & Related Wood Materials."

Similarly, a given contract/task order/purchase order may include products/services with and without environmental attributes. In such cases, data element 8L, "Recovered Materials/Environmental Attributes," should be filled in based on the predominant product or service that is being purchased. For example, a contract for \$1000 of energy star refrigerators and \$500 of standard refrigerators would be coded under 4110, "Refrigeration Equipment" with the "Recovered Materials/Environmental Attributes" data element 8L selected as "energy efficient."

Determining the environmental attributes associated with acquisition of services presents challenges. Many service acquisitions tend to be predominantly labor-based, which in itself does not have environmental attributes. However, in accomplishing the objectives of the services contract, environmental attributes may apply and it is important to provide agencies both the flexibility and information to make such decisions. GSA will update this manual with additional guidance as soon as it becomes available.

III. Environmental Reporting Requirements

Statutory requirements and Executive Order 13514 direct the Office of Management and Budget (OMB) Office of Federal Procurement Policy (OFPP) to report on procurement of products and services with environmental attributes including recycled content, biobased, and energy efficient.

FPDS will be used to collect data on the procurement of products and services with these environmental attributes. The initial phase of implementation allows for the collection of the three attributes listed above plus an “environmentally preferable” attribute which includes other attributes. The following definitions apply to data collected in FPDS.

ENERGY EFFICIENT. Per FAR 2.101, “Energy efficient” means a product that—

- Meets Department of Energy and Environmental Protection Agency criteria for use of the Energy Star trademark label; or
- Is in the upper 25 percent of efficiency for all similar products as designated by the Department of Energy’s Federal Energy Management Program (FEMP).

As used in this definition, the term “product” does not include any energy-consuming product or system designed or procured for combat or combat-related missions (42 U.S.C. 8259b).

BIOBASED. Per FAR 2.101, “biobased product” means a product determined by the U.S. Department of Agriculture to be a commercial or industrial product (other than food or feed) that is composed, in whole or in significant part, of biological products, including renewable domestic agricultural materials (including plant, animal, and marine materials) or forestry materials.

ENVIRONMENTALLY PREFERABLE. Per FAR 2.101, “environmentally preferable” means products or services that have a lesser or reduced effect on human health and the environment when compared with competing products or services that serve the same purpose. This comparison may consider raw materials acquisition, production, manufacturing, packaging, distribution, reuse, operation, maintenance, or disposal of the product or service. For the Product Services Code Manual, this **includes** categories such as EPEAT registered, water efficient, Significant New Alternatives Program (SNAP)/non-ozone depleting, recovered content, and environmentally preferable products/services (EPA designated). For the Product Services Code Manual, environmentally preferable **also includes** building-related or facilities-related services which are associated with “green” industry standards and certifications, such as the US Green Building Council’s (USGBC) Leadership in Energy and Environmental Design (LEED) certification. Environmentally preferable **excludes** products or services that are predominately bio-based or energy-efficient as these two categories are defined in the Products and Services Code Manual.

IV. Reporting of Environmental Attributes in FPDS

The tracking of environmental purchases is going to be accomplished through data element 8L, the “Recovered Materials/Environmental Attributes” data element in FPDS. The “Recovered Materials/Environmental Attributes” data element is an existing field in FPDS which has been modified to allow expanded environmental reporting. The field now includes a dropdown box with the following options:

- RCRA FAR 52.223-4
- RCRA FAR 52.223-4 and 52.223-9
- No clauses included and no environmental included
- Energy efficient
- Biobased
- Environmentally preferable
- RCRA FAR 52.223-4 and energy efficient
- RCRA FAR 52.223-4 and biobased
- RCRA FAR 52.223-4 and environmentally preferable
- RCRA FAR 52.223-4 and biobased & energy efficient
- RCRA FAR 52.223-4 and biobased & environmentally preferable
- RCRA FAR 52.223-4 and biobased & energy efficient & environmentally preferable

There will not be a validation rule associated with this data element. It will be possible to select an environmental attribute that does not apply to the given product or service. For example, one could designate PSC 7350 Tableware as “Energy Efficient.” Therefore, please use caution and select the appropriate field based upon the contract requirements.

V. Changes Included in this PSC Manual Update

This section describes the changes that were incorporated in this PSC Manual update. A summary table and detailed comments for each type of code are provided.

A. Summary of Changes to PSC Codes

Type of Change	R&D Codes	Service Codes	Product Codes
Environmental Reporting	Via data element 8L, “Recovered Materials/Environmental Attributes.”	Via data element 8L, “Recovered Materials/Environmental Attributes.”	Via data element 8L, “Recovered Materials/Environmental Attributes.”
Overall Code Structure	No change. Still a 4-position code.	No change. Still a 4-position code.	No change. Still a 4-position code.
Multi-Use Code Structure	No change.	Multi-use facility codes changed from 3 digits to 2 characters.	No change.
Multi-Use Code Reference Tables	Eliminated reference tables of multi-use codes for R&D stages. Complete list of 4-digit codes is provided in the manual.	Eliminated reference tables of multi-use codes for product-based and facility-based codes. Complete list of 4-digit codes is provided in the manual.	Not applicable
Abbreviations and Formatting	Standardized	Standardized	Conformed to FSC
Terminology	No Change	Updated	Conformed to FSC
Clarification	Changed the code title, notes, includes, and/or excludes fields as needed.	Changed the code title, notes, includes, and/or excludes fields as needed.	Conformed to FSC
New Codes Added	No new codes. Added a definition for R&D Stage 7, Commercialization, to the manual (the related codes are already in use in FPDS).	30 new codes to capture missing services.	1 code added to match FSC list.
Codes End Dated	None	12 ended codes (combined with existing codes).	39 codes which have been in use in FPDS but are not in FSC list.
Codes Renumbered	None	384 ended codes were replaced with 504 new codes (captured new and/or expanded numbering scheme for facility codes)	None

B. General Comments

1. *Code Structure:* The PSCs will continue to be 4-position codes, with products having a digit in the first position and services and R&D having a character in the first position. The only significant change to the content of the codes involves the multi-use facility codes. They have been changed from 3 digits to 2 characters to make more efficient use of the available positions.
2. *Product Codes:* The product codes are managed by the DLA Logistics Information Service and have been incorporated into the manual based on the list of Federal Supply Classes (FSC) obtained from DLA Logistics Information Service in July 2011.
3. *Abbreviations and Formatting.* Abbreviations were made consistent. Where code names included the hierarchy, the delimiters between levels were made to be consistent (e.g., the dash and colon in “Architect and Engineering Services-Construction: Office Buildings”).
4. *Terminology.* The terminology used in the service code names was updated to use modern terms. For example, “Automated Data Processing” (ADP) was updated to “Information Technology” (IT).
5. *New Codes Added.* Based upon feedback and recommendations from the blog, for any service that could not be readily classified under an existing code, a new code was added. The summary table above provides the number of changes. Appendix 1 provides a detailed list of codes.
6. *Codes End Dated.* If two codes covered the same service, one code was retained and the other was end dated. Product codes which were not on the list of FSCs as of July 2011 were also end dated. The ended codes can no longer be selected in FPDS, but the legacy data are retained. The summary table above provides the number of changes. Appendix 1 provides a detailed list of codes.

C. Research and Development Code Summary

1. *New Codes Added.* A seventh R&D stage, “Commercialization” was added to the manual. This stage has been available in FPDS for some time, but it is new to the manual.
2. R&D services may or may not have environmental attributes.

D. Services Code Summary

1. The multi-use facility codes have been changed from a 3-digit scheme to a more efficient 2-character scheme. There are currently 73 types of facilities that fall within 15 categories. It is not efficient to use three code positions to capture the facility type. For example, under the previous scheme, the first facility category, “Administrative Facilities and Service Buildings,” contained three facility types—“Office Buildings,” “Government Conference Space and Facilities,” and “Government Other Administrative and Service Buildings”—and used the codes ending in 111, 112, and 119. Under the new numbering scheme, these same three facility types are captured using codes ending in AA, AB, and AZ, respectively.
2. With only two code positions used for the facility type, it became possible to split the Z codes into Z1 “Maintenance of Structures and Facilities,” and Z2 “Repair or

Alteration of Structures and Facilities.” For example, previously the service called “Maintenance, Repair, or Alteration of Office Buildings” was captured by code Z111. Now, this service is split into two codes: Z1AA represents “Maintenance of Office Buildings” and Z2AA represents “Repair or Alteration of Office Buildings.”

3. The C1 “Architect and Engineering” codes are now able to capture the detailed facility types—not just the facility category. For example, previously the code C111 only captured the facility category— “Administrative Facilities and Service Buildings.” (Three types of facilities fall into this category.) Now C1AA, C1AB, and C1AZ capture the facility types “Office Buildings,” “Government Conference Space and Facilities,” and “Government Other Administrative and Service Buildings,” respectively. Used as a search criteria, “C1A*” still captures the same level of detail (at the facility category level) as the former “C111” code.
4. Note: The C2 “Architecture and Engineering Services – General” codes have not been changed. They capture general services and are not related to specific facility categories/types.

As mentioned above, it can be difficult to determine whether a service has environmental attributes. GSA will update this manual with additional guidance as soon as it becomes available.

The reference tables of multi-use codes for product-based and facility-based codes have been eliminated. Instead, the complete list of 4-digit codes is provided in the manual.

E. Product Code Summary

1. The product codes are managed by DLA Logistics Information Service. The codes have been incorporated into the manual based on the Federal Supply Class (FSC) list obtained from DLA Logistics Information Service in July 2011. As a result, no new codes were added; however, several codes were end dated. The ended codes were primarily associated with detailed ship types and fiber optic hardware types. In the future, the product code list will mirror the FSC list. Any changes to product codes will be handled through the DLA Logistics Information Service change control process. DLA Logistics Information Service can be contacted at fiigs@dla.mil.

VI. Reports

Ad hoc reports may be created for any FPDS data. The Ad Hoc Reports Manual is available at <https://www.fpds.gov>. The Ad Hoc Reports Manual is listed under the Training Tab on the site.

The ezSearch tool provides the ability to search for contracts based on free text. All contracts searched are in Final status. Any DoD contract that is less than 90 days old will not be included in the search. For specific directions on the use of ezSearch, see the help material at the following link: <https://www.fpds.gov/help/index.jsp>.

VII. Change Control Procedures for Product and Service Codes

The General Services Administration manages the services codes and the research and development codes in this PSC Manual and reported in the FPDS. Therefore, any changes to these codes will be processed in accordance with the change control procedures described below. The product codes in this PSC Manual are managed by the DLA Logistics Information Service. Therefore, changes to the product codes are handled via DLA Logistics Information Service and their established processes. Service and R&D code changes are handled via GSA and the JIRA system.

A. Adding, Deleting, or Revising Product Codes

1. Submit the request to DLA Logistics Information Service at fiigs@dla.mil.
2. Submit a copy of DLSC approval notification to the Federal Procurement Data Center (FPDC). The FPDS Product and Service Code (PSC) File shall be updated immediately and the changes included in the next scheduled amendment to the Product and Service Code Manual.

B. Adding New Service/R&D Codes

1. Submit a change request in JIRA at <http://ejira.gsa.gov> outlining the need for the new service code. The request shall include: (a) brief description of proposed new service code with a suggested short title description; (b) authority for new code, e.g. law, regulation, or some other agency requirement; (c) statement on expected contract obligations, extent of congressional interest (if any), or other reasons for separately reporting the information to the FPDS; and (d) a statement that no redundancy exists with any present FPDS product or service code.
2. The FPDC shall review the request for completeness and forward a copy of the request with its recommendation to the Integrated Acquisition Environment (IAE) Configuration Control Board (CCB).
3. The IAE CCB shall either approve or disapprove the request in accordance with the CCB's charter and procedures, stating the rationale in the case of disapproval.
4. The status of each CR can be tracked via JIRA.

C. Revising or Deleting Existing Service/R&D Codes

1. Submit a change request in JIRA at <http://ejira.gsa.gov> with appropriate justification as set forth in Part B above.
2. The FPDC shall review the request for completeness and forward a copy of the request with its recommendation to the IAE CCB.
3. The IAE CCB shall either approve or disapprove the request in accordance with the CCB's charter and procedures, stating the rationale in the case of disapproval.
4. The status of each CR can be tracked via JIRA.

D. Changing Other Parts of the PSC Manual

1. Follow the same procedures in Part C above.

VIII. Frequently Asked Questions

- What changed?

The PSC manual has been updated to reflect changes in three areas:

1. The reporting of environmental attributes.
2. Code changes reflecting updates for technology and terminology.
3. The addition or end dating of codes

- How do I select product/service codes?

For a given contract action, the product or service code should be selected based on the predominant product or service that is being purchased.

- Why is it important to collect codes accurately?

These codes are used to gather data that forms the basis of legally-mandated reports. Policy and acquisition decisions made by Government and private sector executives may be informed by the data captured in and reported from FPDS.

- Why are we collecting environmental attributes?

The purchase of certain environmentally friendly products and services must be reported per statute and executive order. The central collection of certain data through FPDS will minimize reporting burden on agencies.

- How do I determine if a service has environmental attributes

Determining the environmental attributes associated with acquisition of services presents challenges. Many service acquisitions tend to be predominantly labor-based, which in itself does not have environmental attributes. However, in accomplishing the objectives of the services contract, environmental attributes may apply and it is important to provide agencies both the flexibility and information to make such decisions. GSA will update this manual with additional guidance as soon as it becomes available.

- How are environmental attributes captured in FPDS?

Environmental attributes are entered in data element 8L, "Recovered Materials/Environmental Attributes." The element can capture various combinations of RCRA, energy efficient, biobased, and environmentally preferable attributes.

Section A
Research and Development Codes

Research and Development

If the contract action is for research and development (R&D) work, report an R&D code. Do not assign an R&D code to supplies or housekeeping services purchased in support of research and development work; such supplies shall be coded using the appropriate product PSC and the services using the appropriate service PSC.

The R&D code is composed of two alphabetic and two numeric digits. The first digit is always the letter "A" to identify R&D, the second digit is alphabetic "A to Z" to identify the major category, the third digit is numeric 1 to 9 to identify a subdivision of the major category, and the fourth digit will be 1 to 7, to identify the appropriate stage of R&D shown below.

Stages of R&D Codes (4th Position)—Code Meaning

- (1) Basic Research
- (2) Applied Research and Exploratory Development
- (3) Advanced Development
- (4) Engineering Development
- (5) Operational Systems Development
- (6) Management and Support
- (7) Commercialization

Procurement personnel responsible for R&D actions shall obtain sufficient information from requisitioning personnel to permit accurate classification. When completing this item, the precise R&D Service being purchased shall be coded.

Example: A contract for research on air pollution by aircraft shall be shown under "R&D-Environmental Protection (AH2*)" for air pollution, and not under aircraft. Test and evaluation effort shall be coded under the stage of R&D involved. For example, the testing of a developmental prototype would generally be coded under Code 3, Advanced Development.

Definitions of Stages of R&D

The following terms and categories relating to "research and development" are for management of R&D and RDT&E programs. The term "research and development" normally encompasses the "first" five categories below. For example, construction of recreational facilities at an installation used exclusively or generally for research and development would not normally be procurement of "research and development" but it is sometimes included in the sixth category in order to classify obligations according to the ultimate purpose of the procurement.

- (1) Basic Research - includes all scientific effort and experimentation directed toward increasing knowledge and understanding in those fields of the physical, engineering, environmental, social, and life sciences related to long-term national needs. It provides fundamental knowledge ultimately required for the solution of social, economic, political, physical, or military problems. It forms a part of the base for subsequent applied research and exploratory and advanced development in the various disciplines, and new or improved functional capabilities.

- (2) Applied Research and Exploratory Development - includes all effort directed toward the solution of specific problems, short of major development projects. This type of effort may vary from fairly fundamental applied research to quite sophisticated bread-board hardware, study, programming, and planning efforts. It would thus include investigations and minor development effort. The dominant characteristic of this category of effort is that it be pointed toward specific problem areas with a view toward developing and evaluating the feasibility and practicability of proposed solutions and determining their parameters.
- (3) Advanced Development - includes all effort directed toward projects which have moved into, e.g., the development of hardware for test. The prime result of this type of effort is proof of design concept and/or prototype.
- (4) Engineering Development - includes those projects in full-scale engineering development for Government use but which have not yet received approval for production or had production funds included in the budget submission for the current or subsequent fiscal year. Thus are characterized by major line item projects.
- (5) Operational Systems Development - includes those projects still in full-scale engineering development but which have received approval for production, or production funds have been included in the budget submission for the current or subsequent fiscal year.
- (6) Management and Support - includes all effort directed toward support installations or operations required for general research and development. Included would be construction of a general nature unrelated to specific programs, maintenance and support of laboratories, operation and maintenance of test ranges, and maintenance of test aircraft, equipment, or ships. Costs of laboratory personnel, either in house or contractor, would be assigned to appropriate projects or program areas above.
- (7) Commercialization - Includes all effort directed toward transition of a product from R&D to commercial sales and usage.

Definitions Applicable to the “R&D- General Science and Technology (AJ)” Category

Report codes from the AJ category only after all other R&D categories have been considered and rejected as not being appropriate for the action being reported.

"Not elsewhere classified" is used for multidisciplinary projects within a primary field and for single discipline projects for which a separate discipline code has not been assigned.

AJ1_. Physical Sciences. Physical sciences are concerned with the understanding of the material universe and its phenomena. They comprise the fields of astronomy, chemistry, physics, and physical sciences not elsewhere classified. Examples of disciplines under each of these fields are:

Astronomy

Laboratory Astrophysics
Optical Astronomy
Radioastronomy
Theoretical Astrophysics
X-Ray, Gamma-ray, Neutrino Astronomy.

Chemistry

Inorganic
Organo-Metallic
Organic
Physical

Physics

Acoustics
Atomic and Molecular
Condensed Matter
Elementary Particles
Nuclear Structure
Optics
Plasma

Physical Sciences not elsewhere classified

AJ2_. Mathematical and Computer Sciences. Mathematical and computer sciences employ logical reasoning with the aid of symbols and are concerned with the development of methods of operations employing such symbols. Examples of disciplines under each of these fields are:

Mathematics

Algebra
Analysis
Applied Mathematics
Foundations and Logic
Geometry
Numerical Analysis
Statistics
Topology

Computer Sciences

Computer Programming
Computer and Information Sciences (General)
Design, Development, and Application of Computer
Capabilities to Data Storage and Manipulation
Information Sciences and Systems
Systems Analysis
Telecommunications

Mathematical and Computer Sciences not elsewhere classified

AJ3_. Environmental Sciences.

Environmental sciences: (terrestrial and extraterrestrial) are concerned with the gross nonbiological properties of the areas of the solar system that directly or indirectly affect man's survival and welfare; they comprise the fields of atmospheric sciences, geological sciences, oceanography, and environmental sciences not elsewhere classified. Examples of disciplines under each of the fields are:

Atmospheric Sciences

Aeronomy
Solar
Weather Modification
Extraterrestrial Atmospheres
Meteorology

Geological Sciences

Engineering Geophysics
General Geology
Geodesy and Gravity
Geomagnetism
Hydrology
Inorganic Geochemistry
Isotopic Geochemistry
Organic Geochemistry
Laboratory Geophysics
Paleomagnetism
Paleontology
Physical Geography and Cartography
Seismology
Soil Sciences

Oceanography

Biological Oceanography
Chemical Oceanography
Geological Oceanography
Physical Oceanography
Marine Geophysics

Environmental Sciences not elsewhere classified.

AJ4_ . Engineering. Engineering is concerned with the studies directed toward developing engineering principles or toward making specific scientific principles usable in engineering practice. Engineering is divided into eight fields: aeronautical, astronautical, chemical, civil, electrical, mechanical, metallurgy and materials, and engineering not elsewhere classified. Examples of disciplines under each of these fields are:

Aeronautical

Aerodynamics

Astronautical

Aerospace
Space Technology

Chemical

Petroleum
Petroleum Refining
Process

Civil

Architectural
Hydraulic
Hydrologic
Marine
Sanitary and Environmental
Structural
Transportation

Electrical

Communications
Electronic
Power

Mechanical

Engineering Mechanics

Metallurgy and Materials

Ceramic
Mining
Textile
Welding

Engineering not elsewhere classified including

Agricultural
Bioengineering
Biomedical
Industrial and Management
Nuclear
Ocean Engineering
Systems
Other

AJ5_ Life Sciences. Life Sciences consist of five detailed fields: biological (excluding environmental), environmental biology, agricultural, medical, and life sciences not elsewhere classified. The illustrative disciplines provided below under each of these detailed fields are intended to be guidelines, not sharp definitions, as to what should be reported under a particular field; they represent examples of disciplines generally classified under another detailed field when the major emphasis is elsewhere. Research in biochemistry could be reported as biological, agricultural, or medical, depending on the orientation of the project; human biochemistry should be classified under biological, but animal biochemistry or plant biochemistry should be under agricultural.

Biological Sciences (excluding environmental biology)

Anatomy
Biochemistry
Biology
Biometry and Biostatistics
Biophysics
Botany
Cell Biology
Entomology and Parasitology
Genetics
Microbiology
Neuroscience (Biological)
Nutrition
Physiology
Zoology
Other Biological Science not elsewhere classified

Environmental Biology

Ecosystem Sciences
Evolutionary Biology
Limnology
Physiological Ecology
Population Biology
Population and Biotic Community Ecology

Systematics
Other Environmental Biology not elsewhere classified

Agricultural Sciences

Agronomy
Animal Sciences
Food Science and Technology
Fish and Wildlife
Forestry
Horticulture
Plant Sciences
Soils and Soil Science
Phytopathology
Phytoproduction
Agriculture, General
Aquaculture and Hydroponics
Other Agriculture sciences not elsewhere classified

Medical Sciences

Internal Medicine, Neurology, Obstetrics and Gynecology
Ophthalmology, Otolaryngology
Pediatrics
Preventive Medicine
Pathology
Pharmacology
Psychiatry
Radiology
Surgery
Dentistry
Pharmacy
Veterinary Medicine
Other Medical Sciences not elsewhere classified

Life Sciences not elsewhere classified

AJ6_ Psychological Sciences. Psychology deals with behavior, mental processes, and individual and group characteristics and abilities. Psychology is divided into three categories: biological aspects, social aspects, and psychological sciences, not elsewhere

classified. Examples of the disciplines under each of these fields are:

Biological Aspects

Experimental Psychology
Animal Behavior
Clinical Psychology
Comparative Psychology
Ethology

Social Aspects

Social Psychology
Educational, Personnel, Vocational
Psychology and Testing
Industrial and Engineering Psychology
Development and Personality

Psychological Sciences not elsewhere classified

AJ7_. Social Sciences. Social sciences are directed toward an understanding of the behavior of social institutions and groups and of individuals as members of a group. Social sciences include anthropology, economics, history, linguistics, political science, sociology, and social sciences not elsewhere classified. Examples of disciplines under the fields of social science are:

Anthropology

Archaeology
Cultural and Personality
Social and Ethnology
Applied Anthropology

Economics

Econometrics and Economic Statistics
History of Economic Thought
International Economics
Industrial, Labor and Agricultural
Economics
Macroeconomics
Public Finance and Fiscal Policy
Theory

Economic Systems and Development

History

Linguistics

Anthropological - Archaeological
Computational
Psycholinguistics
Sociolinguistics

Political Science

Area or Regional Studies
Comparative Government
History of Political Ideas
International Relations and Law
National Political and Legal Systems
Political Administration

Sociology

Comparative and Historical
Complex Organizations
Culture and Social Structure
Demography
Group Interactions
Social Problems and Social Welfare
Sociological Theory

Social Sciences not elsewhere classified including

Research in Law and Education not elsewhere classified
Socioeconomic Geography
Other Social Sciences

AJ9_. Other Sciences not elsewhere classified

Multidisciplinary and interdisciplinary projects that cannot be classified within one of the above fields
Metrology and other measurement related phenomena

Research and Development Codes – Top Level

Category AA R&D- Agriculture.....	27
Category AB R&D- Community Service/Development.....	28
Category AC R&D- Defense Systems	29
Category AD R&D- Defense Other	31
Category AE R&D- Economic Growth	33
Category AF R&D- Education.....	35
Category AG R&D- Energy.....	35
Category AH R&D- Environmental Protection	37
Category AJ R&D- General Science/Technology	39
Category AK R&D- Housing.....	41
Category AL R&D- Income Security	41
Category AM R&D- International Affairs and Cooperation	42
Category AN R&D- Medical	42
Category AP R&D- Natural Resource	45
Category AQ R&D- Social Services.....	47
Category AR R&D- Space.....	47
Category AS R&D- Modal Transportation.....	49
Category AT R&D- Other Transportation	51
Category AV R&D- Mining	53
Category AZ R&D- Other Research and Development	55

Research and Development Codes – Detailed Level

Category AA1 R&D- Agriculture: Insect and Disease Control.....	27
Category AA2 R&D- Agriculture: Marketing	27
Category AA3 R&D- Agriculture: Production	27
Category AA9 R&D- Agriculture: Other	27
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Category AG6 R&D- Energy: Petroleum	36
Category AG7 R&D- Energy: Solar/Photovoltaic.....	36
Category AG8 R&D- Energy: Conservation	37
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Category AA
R&D- Agriculture

Category AA1

R&D- Agriculture: Insect and Disease Control

- AA11 R&D- Agriculture: Insect and Disease Control (Basic Research)
- AA12 R&D- Agriculture: Insect and Disease Control (Applied Research/Exploratory Development)
- AA13 R&D- Agriculture: Insect and Disease Control (Advanced Development)
- AA14 R&D- Agriculture: Insect and Disease Control (Engineering Development)
- AA15 R&D- Agriculture: Insect and Disease Control (Operational Systems Development)
- AA16 R&D- Agriculture: Insect and Disease Control (Management/Support)
- AA17 R&D- Agriculture: Insect and Disease Control (Commercialized)

Category AA2

R&D- Agriculture: Marketing

- AA21 R&D- Agriculture: Marketing (Basic Research)
- AA22 R&D- Agriculture: Marketing (Applied Research/Exploratory Development)
- AA23 R&D- Agriculture: Marketing (Advanced Development)
- AA24 R&D- Agriculture: Marketing (Engineering Development)
- AA25 R&D- Agriculture: Marketing (Operational Systems Development)
- AA26 R&D- Agriculture: Marketing (Management/Support)

- AA27 R&D- Agriculture: Marketing (Commercialized)

Category AA3

R&D- Agriculture: Production

- AA31 R&D- Agriculture: Production (Basic Research)
- AA32 R&D- Agriculture: Production (Applied Research/Exploratory Development)
- AA33 R&D- Agriculture: Production (Advanced Development)
- AA34 R&D- Agriculture: Production (Engineering Development)
- AA35 R&D- Agriculture: Production (Operational Systems Development)
- AA36 R&D- Agriculture: Production (Management/Support)
- AA37 R&D- Agriculture: Production (Commercialized)

Category AA9

R&D- Agriculture: Other

- AA91 R&D- Agriculture: Other (Basic Research)
- AA92 R&D- Agriculture: Other (Applied Research/Exploratory Development)
- AA93 R&D- Agriculture: Other (Advanced Development)
- AA94 R&D- Agriculture: Other (Engineering Development)
- AA95 R&D- Agriculture: Other (Operational Systems Development)
- AA96 R&D- Agriculture: Other (Management/Support)

AA97 R&D- Agriculture: Other
(Commercialized)

Category AB
R&D- Community Service/Development

Category AB1
R&D- Community Service/Development: Crime Prevention/Control

AB11 R&D- Community
Service/Development: Crime
Prevention/Control (Basic Research)

AB12 R&D- Community
Service/Development: Crime
Prevention/Control (Applied
Research/Exploratory Development)

AB13 R&D- Community
Service/Development: Crime
Prevention/Control (Advanced
Development)

AB14 R&D- Community
Service/Development: Crime
Prevention/Control (Engineering
Development)

AB15 R&D- Community
Service/Development: Crime
Prevention/Control (Operational
Systems Development)

AB16 R&D- Community
Service/Development: Crime
Prevention/Control
(Management/Support)

AB17 R&D- Community
Service/Development: Crime
Prevention/Control (Commercialized)

Category AB2
R&D- Community Service/Development: Fire Prevention/Control

AB21 R&D- Community
Service/Development: Fire
Prevention/Control (Basic Research)

AB22 R&D- Community
Service/Development: Fire
Prevention/Control (Applied
Research/Exploratory Development)

AB23 R&D- Community
Service/Development: Fire
Prevention/Control (Advanced
Development)

AB24 R&D- Community
Service/Development: Fire
Prevention/Control (Engineering
Development)

AB25 R&D- Community
Service/Development: Fire
Prevention/Control (Operational
Systems Development)

AB26 R&D- Community
Service/Development: Fire
Prevention/Control
(Management/Support)

AB27 R&D- Community
Service/Development: Fire
Prevention/Control (Commercialized)

Category AB3
R&D- Community Service/Development: Rural

AB31 R&D- Community
Service/Development: Rural (Basic
Research)

AB32 R&D- Community
Service/Development: Rural (Applied
Research/Exploratory Development)

AB33 R&D- Community
Service/Development: Rural
(Advanced Development)

AB34 R&D- Community
Service/Development: Rural
(Engineering Development)

AB35 R&D- Community
Service/Development: Rural
(Operational Systems Development)

AB36 R&D- Community
Service/Development: Rural
(Management/Support)

AB37 R&D- Community
Service/Development: Rural
(Commercialized)

Category AB4

R&D- Community Service/Development: Urban

AB41 R&D- Community
Service/Development: Urban (Basic
Research)

AB42 R&D- Community
Service/Development: Urban (Applied
Research/Exploratory Development)

AB43 R&D- Community
Service/Development: Urban
(Advanced Development)

AB44 R&D- Community
Service/Development: Urban
(Engineering Development)

AB45 R&D- Community
Service/Development: Urban
(Operational Systems Development)

AB46 R&D- Community
Service/Development: Urban
(Management/Support)

AB47 R&D- Community
Service/Development: Urban
(Commercialized)

Category AB9

R&D- Community Service/Development: Other

AB91 R&D- Community
Service/Development: Other (Basic
Research)

AB92 R&D- Community
Service/Development: Other (Applied
Research/Exploratory Development)

AB93 R&D- Community
Service/Development: Other
(Advanced Development)

AB94 R&D- Community
Service/Development: Other
(Engineering Development)

AB95 R&D- Community
Service/Development: Other
(Operational Systems Development)

AB96 R&D- Community
Service/Development: Other
(Management/Support)

AB97 R&D- Community
Service/Development: Other
(Commercialized)

Category AC
R&D- Defense Systems

Category AC1

R&D- Defense System: Aircraft

AC11 R&D- Defense System: Aircraft (Basic
Research)

AC12 R&D- Defense System: Aircraft
(Applied Research/Exploratory
Development)

AC13 R&D- Defense System: Aircraft
(Advanced Development)

AC14 R&D- Defense System: Aircraft
(Engineering Development)

AC15 R&D- Defense System: Aircraft
(Operational Systems Development)

AC16 R&D- Defense System: Aircraft
(Management/Support)

AC17 R&D- Defense System: Aircraft
(Commercialized)

Category AC2

R&D- Defense System: Missile/Space Systems

AC21 R&D- Defense System: Missile/Space
Systems (Basic Research)

AC22 R&D- Defense System: Missile/Space
Systems (Applied
Research/Exploratory Development)

AC23 R&D- Defense System: Missile/Space
Systems (Advanced Development)

AC24 R&D- Defense System: Missile/Space
Systems (Engineering Development)

AC25 R&D- Defense System: Missile/Space
Systems (Operational Systems
Development)

AC26 R&D- Defense System: Missile/Space
Systems (Management/Support)

AC27 R&D- Defense System: Missile/Space
Systems (Commercialized)

Category AC3

R&D- Defense System: Ships

AC31 R&D- Defense System: Ships (Basic
Research)

AC32 R&D- Defense System: Ships (Applied
Research/Exploratory Development)

AC33 R&D- Defense System: Ships
(Advanced Development)

AC34 R&D- Defense System: Ships
(Engineering Development)

AC35 R&D- Defense System: Ships
(Operational Systems Development)

AC36 R&D- Defense System: Ships
(Management/Support)

AC37 R&D- Defense System: Ships
(Commercialized)

Category AC4

R&D- Defense System: Tank/Automotive

AC41 R&D- Defense System:
Tank/Automotive (Basic Research)

AC42 R&D- Defense System:
Tank/Automotive (Applied
Research/Exploratory Development)

AC43 R&D- Defense System:
Tank/Automotive (Advanced
Development)

AC44 R&D- Defense System:
Tank/Automotive (Engineering
Development)

AC45 R&D- Defense System:
Tank/Automotive (Operational Systems
Development)

AC46 R&D- Defense System:
Tank/Automotive
(Management/Support)

AC47 R&D- Defense System:
Tank/Automotive (Commercialized)

Category AC5

R&D- Defense System: Weapons

AC51 R&D- Defense System: Weapons
(Basic Research)

AC52 R&D- Defense System: Weapons
(Applied Research/Exploratory
Development)

AC53 R&D- Defense System: Weapons
(Advanced Development)

AC54 R&D- Defense System: Weapons
(Engineering Development)

AC55 R&D- Defense System: Weapons
(Operational Systems Development)

AC56 R&D- Defense System: Weapons
(Management/Support)

AC57 R&D- Defense System: Weapons
(Commercialized)

*Category AC6
R&D- Defense System:
Electronics/Communication Equipment*

AC61 R&D- Defense System:
Electronics/Communication Equipment
(Basic Research)

AC62 R&D- Defense System:
Electronics/Communication Equipment
(Applied Research/Exploratory
Development)

AC63 R&D- Defense System:
Electronics/Communication Equipment
(Advanced Development)

AC64 R&D- Defense System:
Electronics/Communication Equipment
(Engineering Development)

AC65 R&D- Defense System:
Electronics/Communication Equipment
(Operational Systems Development)

AC66 R&D- Defense System:
Electronics/Communication Equipment
(Management/Support)

AC67 R&D- Defense System:
Electronics/Communication Equipment
(Commercialized)

*Category AC9
R&D- Defense System: Miscellaneous Hard
Goods*

AC91 R&D- Defense System: Miscellaneous
Hard Goods (Basic Research)

AC92 R&D- Defense System: Miscellaneous
Hard Goods (Applied
Research/Exploratory Development)

AC93 R&D- Defense System: Miscellaneous
Hard Goods (Advanced Development)

AC94 R&D- Defense System: Miscellaneous
Hard Goods (Engineering
Development)

AC95 R&D- Defense System: Miscellaneous
Hard Goods (Operational Systems
Development)

AC96 R&D- Defense System: Miscellaneous
Hard Goods (Management/Support)

AC97 R&D- Defense System: Miscellaneous
Hard Goods (Commercialized)

**Category AD
R&D- Defense Other**

*Category AD1
R&D- Defense Other: Ammunition*

AD11 R&D- Defense Other: Ammunition
(Basic Research)

AD12 R&D- Defense Other: Ammunition
(Applied Research/Exploratory
Development)

AD13 R&D- Defense Other: Ammunition
(Advanced Development)

AD14 R&D- Defense Other: Ammunition
(Engineering Development)

AD15 R&D- Defense Other: Ammunition
(Operational Systems Development)

AD16 R&D- Defense Other: Ammunition
(Management/Support)

AD17 R&D- Defense Other: Ammunition
(Commercialized)

Category AD2

R&D- Defense Other: Services

AD21 R&D- Defense Other: Services (Basic
Research)

AD22 R&D- Defense Other: Services
(Applied Research/Exploratory
Development)

AD23 R&D- Defense Other: Services
(Advanced Development)

AD24 R&D- Defense Other: Services
(Engineering Development)

AD25 R&D- Defense Other: Services
(Operational Systems Development)

AD26 R&D- Defense Other: Services
(Management/Support)

AD27 R&D- Defense Other: Services
(Commercialized)

Category AD3

R&D- Defense Other: Subsistence

AD31 R&D- Defense Other: Subsistence
(Basic Research)

AD32 R&D- Defense Other: Subsistence
(Applied Research/Exploratory
Development)

AD33 R&D- Defense Other: Subsistence
(Advanced Development)

AD34 R&D- Defense Other: Subsistence
(Engineering Development)

AD35 R&D- Defense Other: Subsistence
(Operational Systems Development)

AD36 R&D- Defense Other: Subsistence
(Management/Support)

AD37 R&D- Defense Other: Subsistence
(Commercialized)

Category AD4

R&D- Defense Other:

Textiles/Clothing/Equipage

AD41 R&D- Defense Other:
Textiles/Clothing/Equipage (Basic
Research)

AD42 R&D- Defense Other:
Textiles/Clothing/Equipage (Applied
Research/Exploratory Development)

AD43 R&D- Defense Other:
Textiles/Clothing/Equipage (Advanced
Development)

AD44 R&D- Defense Other:
Textiles/Clothing/Equipage
(Engineering Development)

AD45 R&D- Defense Other:
Textiles/Clothing/Equipage
(Operational Systems Development)

AD46 R&D- Defense Other:
Textiles/Clothing/Equipage
(Management/Support)

AD47 R&D- Defense Other:
Textiles/Clothing/Equipage
(Commercialized)

Category AD5

R&D- Defense Other: Fuels/Lubricants

AD51 R&D- Defense Other: Fuels/Lubricants
(Basic Research)

- AD52 R&D- Defense Other: Fuels/Lubricants (Applied Research/Exploratory Development)
- AD53 R&D- Defense Other: Fuels/Lubricants (Advanced Development)
- AD54 R&D- Defense Other: Fuels/Lubricants (Engineering Development)
- AD55 R&D- Defense Other: Fuels/Lubricants (Operational Systems Development)
- AD56 R&D- Defense Other: Fuels/Lubricants (Management/Support)
- AD57 R&D- Defense Other: Fuels/Lubricants (Commercialized)

*Category AD6
R&D- Defense Other: Construction*

- AD61 R&D- Defense Other: Construction (Basic Research)
- AD62 R&D- Defense Other: Construction (Applied Research/Exploratory Development)
- AD63 R&D- Defense Other: Construction (Advanced Development)
- AD64 R&D- Defense Other: Construction (Engineering Development)
- AD65 R&D- Defense Other: Construction (Operational Systems Development)
- AD66 R&D- Defense Other: Construction (Management/Support)
- AD67 R&D- Defense Other: Construction (Commercialized)

*Category AD9
R&D- Defense Other: Other*

- AD91 R&D- Defense Other: Other (Basic Research)
- AD92 R&D- Defense Other: Other (Applied Research/Exploratory Development)
- AD93 R&D- Defense Other: Other (Advanced Development)
- AD94 R&D- Defense Other: Other (Engineering Development)
- AD95 R&D- Defense Other: Other (Operational Systems Development)
- AD96 R&D- Defense Other: Other (Management/Support)
- AD97 R&D- Defense Other: Other (Commercialized)

**Category AE
R&D- Economic Growth**

*Category AE1
R&D- Economic Growth: Employment Growth/Productivity*

- AE11 R&D- Economic Growth: Employment Growth/Productivity (Basic Research)
- AE12 R&D- Economic Growth: Employment Growth/Productivity (Applied Research/Exploratory Development)
- AE13 R&D- Economic Growth: Employment Growth/Productivity (Advanced Development)
- AE14 R&D- Economic Growth: Employment Growth/Productivity (Engineering Development)
- AE15 R&D- Economic Growth: Employment Growth/Productivity (Operational Systems Development)

AE16 R&D- Economic Growth: Employment Growth/Productivity (Management/Support)

AE17 R&D- Economic Growth: Employment Growth/Productivity (Commercialized)

Category AE2

R&D- Economic Growth: Product/Service Improvement

AE21 R&D- Economic Growth: Product/Service Improvement (Basic Research)

AE22 R&D- Economic Growth: Product/Service Improvement (Applied Research/Exploratory Development)

AE23 R&D- Economic Growth: Product/Service Improvement (Advanced Development)

AE24 R&D- Economic Growth: Product/Service Improvement (Engineering Development)

AE25 R&D- Economic Growth: Product/Service Improvement (Operational Systems Development)

AE26 R&D- Economic Growth: Product/Service Improvement (Management/Support)

AE27 R&D- Economic Growth: Product/Service Improvement (Commercialized)

Category AE3

R&D- Economic Growth: Manufacturing Technology

AE31 R&D- Economic Growth: Manufacturing Technology (Basic Research)

AE32 R&D- Economic Growth: Manufacturing Technology (Applied Research/Exploratory Development)

AE33 R&D- Economic Growth: Manufacturing Technology (Advanced Development)

AE34 R&D- Economic Growth: Manufacturing Technology (Engineering Development)

AE35 R&D- Economic Growth: Manufacturing Technology (Operational Systems Development)

AE36 R&D- Economic Growth: Manufacturing Technology (Management/Support)

AE37 R&D- Economic Growth: Manufacturing Technology (Commercialized)

Category AE9

R&D- Economic Growth: Other

AE91 R&D- Economic Growth: Other (Basic Research)

AE92 R&D- Economic Growth: Other (Applied Research/Exploratory Development)

AE93 R&D- Economic Growth: Other (Advanced Development)

AE94 R&D- Economic Growth: Other (Engineering Development)

AE95 R&D- Economic Growth: Other (Operational Systems Development)

AE96 R&D- Economic Growth: Other (Management/Support)

AE97 R&D- Economic Growth: Other (Commercialized)

**Category AF
R&D- Education**

*Category AF1
R&D- Education: Educational*

- AF11 R&D- Education: Educational (Basic Research)
- AF12 R&D- Education: Educational (Applied Research/Exploratory Development)
- AF13 R&D- Education: Educational (Advanced Development)
- AF14 R&D- Education: Educational (Engineering Development)
- AF15 R&D- Education: Educational (Operational Systems Development)
- AF16 R&D- Education: Educational (Management/Support)
- AF17 R&D- Education: Educational (Commercialized)

**Category AG
R&D- Energy**

*Category AG1
R&D- Energy: Coal*

- AG11 R&D- Energy: Coal (Basic Research)
- AG12 R&D- Energy: Coal (Applied Research/Exploratory Development)
- AG13 R&D- Energy: Coal (Advanced Development)
- AG14 R&D- Energy: Coal (Engineering Development)
- AG15 R&D- Energy: Coal (Operational Systems Development)
- AG16 R&D- Energy: Coal (Management/Support)

- AG17 R&D- Energy: Coal (Commercialized)

*Category AG2
R&D- Energy: Gas*

- AG21 R&D- Energy: Gas (Basic Research)
- AG22 R&D- Energy: Gas (Applied Research/Exploratory Development)
- AG23 R&D- Energy: Gas (Advanced Development)
- AG24 R&D- Energy: Gas (Engineering Development)
- AG25 R&D- Energy: Gas (Operational Systems Development)
- AG26 R&D- Energy: Gas (Management/Support)
- AG27 R&D- Energy: Gas (Commercialized)

*Category AG3
R&D- Energy: Geothermal*

- AG31 R&D- Energy: Geothermal (Basic Research)
- AG32 R&D- Energy: Geothermal (Applied Research/Exploratory Development)
- AG33 R&D- Energy: Geothermal (Advanced Development)
- AG34 R&D- Energy: Geothermal (Engineering Development)
- AG35 R&D- Energy: Geothermal (Operational Systems Development)
- AG36 R&D- Energy: Geothermal (Management/Support)

AG37 R&D- Energy: Geothermal
(Commercialized)

*Category AG4
R&D- Energy: Wind*

AG41 R&D- Energy: Wind (Basic Research)

AG42 R&D- Energy: Wind (Applied
Research/Exploratory Development)

AG43 R&D- Energy: Wind (Advanced
Development)

AG44 R&D- Energy: Wind (Engineering
Development)

AG45 R&D- Energy: Wind (Operational
Systems Development)

AG46 R&D- Energy: Wind
(Management/Support)

AG47 R&D- Energy: Wind (Commercialized)

*Category AG5
R&D- Energy: Nuclear*

AG51 R&D- Energy: Nuclear (Basic
Research)

AG52 R&D- Energy: Nuclear (Applied
Research/Exploratory Development)

AG53 R&D- Energy: Nuclear (Advanced
Development)

AG54 R&D- Energy: Nuclear (Engineering
Development)

AG55 R&D- Energy: Nuclear (Operational
Systems Development)

AG56 R&D- Energy: Nuclear
(Management/Support)

AG57 R&D- Energy: Nuclear
(Commercialized)

*Category AG6
R&D- Energy: Petroleum*

AG61 R&D- Energy: Petroleum (Basic
Research)

AG62 R&D- Energy: Petroleum (Applied
Research/Exploratory Development)

AG63 R&D- Energy: Petroleum (Advanced
Development)

AG64 R&D- Energy: Petroleum (Engineering
Development)

AG65 R&D- Energy: Petroleum (Operational
Systems Development)

AG66 R&D- Energy: Petroleum
(Management/Support)

AG67 R&D- Energy: Petroleum
(Commercialized)

*Category AG7
R&D- Energy: Solar/Photovoltaic*

AG71 R&D- Energy: Solar/Photovoltaic
(Basic Research)

AG72 R&D- Energy: Solar/Photovoltaic
(Applied Research/Exploratory
Development)

AG73 R&D- Energy: Solar/Photovoltaic
(Advanced Development)

AG74 R&D- Energy: Solar/Photovoltaic
(Engineering Development)

AG75 R&D- Energy: Solar/Photovoltaic
(Operational Systems Development)

AG76 R&D- Energy: Solar/Photovoltaic
(Management/Support)

AG77 R&D- Energy: Solar/Photovoltaic
(Commercialized)

Category AG8
R&D- Energy: Conservation

AG81 R&D- Energy: Conservation (Basic
Research)

AG82 R&D- Energy: Conservation (Applied
Research/Exploratory Development)

AG83 R&D- Energy: Conservation (Advanced
Development)

AG84 R&D- Energy: Conservation
(Engineering Development)

AG85 R&D- Energy: Conservation
(Operational Systems Development)

AG86 R&D- Energy: Conservation
(Management/Support)

AG87 R&D- Energy: Conservation
(Commercialized)

Category AG9
R&D- Energy: Other

AG91 R&D- Energy: Other (Basic Research)

AG92 R&D- Energy: Other (Applied
Research/Exploratory Development)

AG93 R&D- Energy: Other (Advanced
Development)

AG94 R&D- Energy: Other (Engineering
Development)

AG95 R&D- Energy: Other (Operational
Systems Development)

AG96 R&D- Energy: Other
(Management/Support)

AG97 R&D- Energy: Other (Commercialized)

Category AH
R&D- Environmental Protection

Category AH1
*R&D- Environmental Protection: Pollution
Control/Abatement*

AH11 R&D- Environmental Protection:
Pollution Control/Abatement (Basic
Research)

AH12 R&D- Environmental Protection:
Pollution Control/Abatement (Applied
Research/Exploratory Development)

AH13 R&D- Environmental Protection:
Pollution Control/Abatement
(Advanced Development)

AH14 R&D- Environmental Protection:
Pollution Control/Abatement
(Engineering Development)

AH15 R&D- Environmental Protection:
Pollution Control/Abatement
(Operational Systems Development)

AH16 R&D- Environmental Protection:
Pollution Control/Abatement
(Management/Support)

AH17 R&D- Environmental Protection:
Pollution Control/Abatement
(Commercialized)

Category AH2
R&D- Environmental Protection: Air Pollution

AH21 R&D- Environmental Protection: Air
Pollution (Basic Research)

AH22 R&D- Environmental Protection: Air
Pollution (Applied
Research/Exploratory Development)

AH23 R&D- Environmental Protection: Air
Pollution (Advanced Development)

AH24 R&D- Environmental Protection: Air Pollution (Engineering Development)

AH25 R&D- Environmental Protection: Air Pollution (Operational Systems Development)

AH26 R&D- Environmental Protection: Air Pollution (Management/Support)

AH27 R&D- Environmental Protection: Air Pollution (Commercialized)

Category AH3

R&D- Environmental Protection: Water Pollution

AH31 R&D- Environmental Protection: Water Pollution (Basic Research)

AH32 R&D- Environmental Protection: Water Pollution (Applied Research/Exploratory Development)

AH33 R&D- Environmental Protection: Water Pollution (Advanced Development)

AH34 R&D- Environmental Protection: Water Pollution (Engineering Development)

AH35 R&D- Environmental Protection: Water Pollution (Operational Systems Development)

AH36 R&D- Environmental Protection: Water Pollution (Management/Support)

AH37 R&D- Environmental Protection: Water Pollution (Commercialized)

Category AH4

R&D- Environmental Protection: Noise Pollution

AH41 R&D- Environmental Protection: Noise Pollution (Basic Research)

AH42 R&D- Environmental Protection: Noise Pollution (Applied Research/Exploratory Development)

AH43 R&D- Environmental Protection: Noise Pollution (Advanced Development)

AH44 R&D- Environmental Protection: Noise Pollution (Engineering Development)

AH45 R&D- Environmental Protection: Noise Pollution (Operational Systems Development)

AH46 R&D- Environmental Protection: Noise Pollution (Management/Support)

AH47 R&D- Environmental Protection: Noise Pollution (Commercialized)

Category AH9

R&D- Environmental Protection: Other

AH91 R&D- Environmental Protection: Other (Basic Research)

AH92 R&D- Environmental Protection: Other (Applied Research/Exploratory Development)

AH93 R&D- Environmental Protection: Other (Advanced Development)

AH94 R&D- Environmental Protection: Other (Engineering Development)

AH95 R&D- Environmental Protection: Other (Operational Systems Development)

AH96 R&D- Environmental Protection: Other (Management/Support)

AH97 R&D- Environmental Protection: Other (Commercialized)

Category AJ
R&D- General Science/Technology

Note-Definitions for this category are found in the beginning of Section A of this manual.

Category AJ1
R&D- General Science/Technology: Physical Sciences

- AJ11 R&D- General Science/Technology: Physical Sciences (Basic Research)
- AJ12 R&D- General Science/Technology: Physical Sciences (Applied Research/Exploratory Development)
- AJ13 R&D- General Science/Technology: Physical Sciences (Advanced Development)
- AJ14 R&D- General Science/Technology: Physical Sciences (Engineering Development)
- AJ15 R&D- General Science/Technology: Physical Sciences (Operational Systems Development)
- AJ16 R&D- General Science/Technology: Physical Sciences (Management/Support)
- AJ17 R&D- General Science/Technology: Physical Sciences (Commercialized)

Category AJ2
R&D- General Science/Technology: Mathematical/Computer Sciences

- AJ21 R&D- General Science/Technology: Mathematical/Computer Sciences (Basic Research)
- AJ22 R&D- General Science/Technology: Mathematical/Computer Sciences (Applied Research/Exploratory Development)

- AJ23 R&D- General Science/Technology: Mathematical/Computer Sciences (Advanced Development)
- AJ24 R&D- General Science/Technology: Mathematical/Computer Sciences (Engineering Development)
- AJ25 R&D- General Science/Technology: Mathematical/Computer Sciences (Operational Systems Development)
- AJ26 R&D- General Science/Technology: Mathematical/Computer Sciences (Management/Support)
- AJ27 R&D- General Science/Technology: Mathematical/Computer Sciences (Commercialized)

Category AJ3
R&D- General Science/Technology: Environmental Sciences

- AJ31 R&D- General Science/Technology: Environmental Sciences (Basic Research)
- AJ32 R&D- General Science/Technology: Environmental Sciences (Applied Research/Exploratory Development)
- AJ33 R&D- General Science/Technology: Environmental Sciences (Advanced Development)
- AJ34 R&D- General Science/Technology: Environmental Sciences (Engineering Development)
- AJ35 R&D- General Science/Technology: Environmental Sciences (Operational Systems Development)
- AJ36 R&D- General Science/Technology: Environmental Sciences (Management/Support)

AJ37 R&D- General Science/Technology:
Environmental Sciences
(Commercialized)

Category AJ4

R&D- General Science/Technology: Engineering

AJ41 R&D- General Science/Technology:
Engineering (Basic Research)

AJ42 R&D- General Science/Technology:
Engineering (Applied
Research/Exploratory Development)

AJ43 R&D- General Science/Technology:
Engineering (Advanced Development)

AJ44 R&D- General Science/Technology:
Engineering (Engineering
Development)

AJ45 R&D- General Science/Technology:
Engineering (Operational Systems
Development)

AJ46 R&D- General Science/Technology:
Engineering (Management/Support)

AJ47 R&D- General Science/Technology:
Engineering (Commercialized)

Category AJ5

*R&D- General Science/Technology: Life
Sciences*

AJ51 R&D- General Science/Technology:
Life Sciences (Basic Research)

AJ52 R&D- General Science/Technology:
Life Sciences (Applied
Research/Exploratory Development)

AJ53 R&D- General Science/Technology:
Life Sciences (Advanced
Development)

AJ54 R&D- General Science/Technology:
Life Sciences (Engineering
Development)

AJ55 R&D- General Science/Technology:
Life Sciences (Operational Systems
Development)

AJ56 R&D- General Science/Technology:
Life Sciences (Management/Support)

AJ57 R&D- General Science/Technology:
Life Sciences (Commercialized)

Category AJ6

*R&D- General Science/Technology:
Psychological Sciences*

AJ61 R&D- General Science/Technology:
Psychological Sciences (Basic
Research)

AJ62 R&D- General Science/Technology:
Psychological Sciences (Applied
Research/Exploratory Development)

AJ63 R&D- General Science/Technology:
Psychological Sciences (Advanced
Development)

AJ64 R&D- General Science/Technology:
Psychological Sciences (Engineering
Development)

AJ65 R&D- General Science/Technology:
Psychological Sciences (Operational
Systems Development)

AJ66 R&D- General Science/Technology:
Psychological Sciences
(Management/Support)

AJ67 R&D- General Science/Technology:
Psychological Sciences
(Commercialized)

Category AJ7

*R&D- General Science/Technology: Social
Sciences*

AJ71 R&D- General Science/Technology:
Social Sciences (Basic Research)

- AJ72 R&D- General Science/Technology:
Social Sciences (Applied
Research/Exploratory Development)
- AJ73 R&D- General Science/Technology:
Social Sciences (Advanced
Development)
- AJ74 R&D- General Science/Technology:
Social Sciences (Engineering
Development)
- AJ75 R&D- General Science/Technology:
Social Sciences (Operational Systems
Development)
- AJ76 R&D- General Science/Technology:
Social Sciences
(Management/Support)
- AJ77 R&D- General Science/Technology:
Social Sciences (Commercialized)

Category AJ9
R&D- General Science/Technology: Other

- AJ91 R&D- General Science/Technology:
Other (Basic Research)
- AJ92 R&D- General Science/Technology:
Other (Applied Research/Exploratory
Development)
- AJ93 R&D- General Science/Technology:
Other (Advanced Development)
- AJ94 R&D- General Science/Technology:
Other (Engineering Development)
- AJ95 R&D- General Science/Technology:
Other (Operational Systems
Development)
- AJ96 R&D- General Science/Technology:
Other (Management/Support)
- AJ97 R&D- General Science/Technology:
Other (Commercialized)

Category AK
R&D- Housing

Category AK1
R&D- Housing: Housing

- AK11 R&D- Housing: Housing (Basic
Research)
- AK12 R&D- Housing: Housing (Applied
Research/Exploratory Development)
- AK13 R&D- Housing: Housing (Advanced
Development)
- AK14 R&D- Housing: Housing (Engineering
Development)
- AK15 R&D- Housing: Housing (Operational
Systems Development)
- AK16 R&D- Housing: Housing
(Management/Support)
- AK17 R&D- Housing: Housing
(Commercialized)

Category AL
R&D- Income Security

Category AL1
R&D- Income Security: Employment

- AL11 R&D- Income Security: Employment
(Basic Research)
- AL12 R&D- Income Security: Employment
(Applied Research/Exploratory
Development)
- AL13 R&D- Income Security: Employment
(Advanced Development)
- AL14 R&D- Income Security: Employment
(Engineering Development)
- AL15 R&D- Income Security: Employment
(Operational Systems Development)

AL16 R&D- Income Security: Employment
(Management/Support)

AL17 R&D- Income Security: Employment
(Commercialized)

Category AL2

R&D- Income Security: Income Maintenance

AL21 R&D- Income Security: Income
Maintenance (Basic Research)

AL22 R&D- Income Security: Income
Maintenance (Applied
Research/Exploratory Development)

AL23 R&D- Income Security: Income
Maintenance (Advanced Development)

AL24 R&D- Income Security: Income
Maintenance (Engineering
Development)

AL25 R&D- Income Security: Income
Maintenance (Operational Systems
Development)

AL26 R&D- Income Security: Income
Maintenance (Management/Support)

AL27 R&D- Income Security: Income
Maintenance (Commercialized)

Category AL9

R&D- Income Security: Other

AL91 R&D- Income Security: Other (Basic
Research)

AL92 R&D- Income Security: Other (Applied
Research/Exploratory Development)

AL93 R&D- Income Security: Other
(Advanced Development)

AL94 R&D- Income Security: Other
(Engineering Development)

AL95 R&D- Income Security: Other
(Operational Systems Development)

AL96 R&D- Income Security: Other
(Management/Support)

AL97 R&D- Income Security: Other
(Commercialized)

Category AM

R&D- International Affairs and Cooperation

Category AM1

R&D- International Affairs and Cooperation

AM11 R&D- International Affairs and
Cooperation (Basic Research)

AM12 R&D- International Affairs and
Cooperation (Applied
Research/Exploratory Development)

AM13 R&D- International Affairs and
Cooperation (Advanced Development)

AM14 R&D- International Affairs and
Cooperation (Engineering
Development)

AM15 R&D- International Affairs and
Cooperation (Operational Systems
Development)

AM16 R&D- International Affairs and
Cooperation (Management/Support)

AM17 R&D- International Affairs and
Cooperation (Commercialized)

Category AN

R&D- Medical

Category AN1

R&D- Medical: Biomedical

AN11 R&D- Medical: Biomedical (Basic
Research)

AN12 R&D- Medical: Biomedical (Applied
Research/Exploratory Development)

- AN13 R&D- Medical: Biomedical (Advanced Development)
- AN14 R&D- Medical: Biomedical (Engineering Development)
- AN15 R&D- Medical: Biomedical (Operational Systems Development)
- AN16 R&D- Medical: Biomedical (Management/Support)
- AN17 R&D- Medical: Biomedical (Commercialized)

Category AN2

R&D- Medical: Drug Dependency

- AN21 R&D- Medical: Drug Dependency (Basic Research)
- AN22 R&D- Medical: Drug Dependency (Applied Research/Exploratory Development)
- AN23 R&D- Medical: Drug Dependency (Advanced Development)
- AN24 R&D- Medical: Drug Dependency (Engineering Development)
- AN25 R&D- Medical: Drug Dependency (Operational Systems Development)
- AN26 R&D- Medical: Drug Dependency (Management/Support)
- AN27 R&D- Medical: Drug Dependency (Commercialized)

Category AN3

R&D- Medical: Alcohol Dependency

- AN31 R&D- Medical: Alcohol Dependency (Basic Research)

- AN32 R&D- Medical: Alcohol Dependency (Applied Research/Exploratory Development)
- AN33 R&D- Medical: Alcohol Dependency (Advanced Development)
- AN34 R&D- Medical: Alcohol Dependency (Engineering Development)
- AN35 R&D- Medical: Alcohol Dependency (Operational Systems Development)
- AN36 R&D- Medical: Alcohol Dependency (Management/Support)
- AN37 R&D- Medical: Alcohol Dependency (Commercialized)

Category AN4

R&D- Medical: Health Services

- AN41 R&D- Medical: Health Services (Basic Research)
- AN42 R&D- Medical: Health Services (Applied Research/Exploratory Development)
- AN43 R&D- Medical: Health Services (Advanced Development)
- AN44 R&D- Medical: Health Services (Engineering Development)
- AN45 R&D- Medical: Health Services (Operational Systems Development)
- AN46 R&D- Medical: Health Services (Management/Support)
- AN47 R&D- Medical: Health Services (Commercialized)

Category AN5

R&D- Medical: Mental Health

- AN51 R&D- Medical: Mental Health (Basic Research)
- AN52 R&D- Medical: Mental Health (Applied Research/Exploratory Development)
- AN53 R&D- Medical: Mental Health (Advanced Development)
- AN54 R&D- Medical: Mental Health (Engineering Development)
- AN55 R&D- Medical: Mental Health (Operational Systems Development)
- AN56 R&D- Medical: Mental Health (Management/Support)
- AN57 R&D- Medical: Mental Health (Commercialized)

Category AN6

R&D- Medical: Rehabilitative Engineering

- AN61 R&D- Medical: Rehabilitative Engineering (Basic Research)
- AN62 R&D- Medical: Rehabilitative Engineering (Applied Research/Exploratory Development)
- AN63 R&D- Medical: Rehabilitative Engineering (Advanced Development)
- AN64 R&D- Medical: Rehabilitative Engineering (Engineering Development)
- AN65 R&D- Medical: Rehabilitative Engineering (Operational Systems Development)
- AN66 R&D- Medical: Rehabilitative Engineering (Management/Support)

- AN67 R&D- Medical: Rehabilitative Engineering (Commercialized)

Category AN7

R&D- Medical: Specialized Medical Services

- AN71 R&D- Medical: Specialized Medical Services (Basic Research)
- AN72 R&D- Medical: Specialized Medical Services (Applied Research/Exploratory Development)
- AN73 R&D- Medical: Specialized Medical Services (Advanced Development)
- AN74 R&D- Medical: Specialized Medical Services (Engineering Development)
- AN75 R&D- Medical: Specialized Medical Services (Operational Systems Development)
- AN76 R&D- Medical: Specialized Medical Services (Management/Support)
- AN77 R&D- Medical: Specialized Medical Services (Commercialized)

Category AN8

R&D- Medical: AIDS Research

- AN81 R&D- Medical: AIDS Research (Basic Research)
- AN82 R&D- Medical: AIDS Research (Applied Research/Exploratory Development)
- AN83 R&D- Medical: AIDS Research (Advanced Development)
- AN84 R&D- Medical: AIDS Research (Engineering Development)
- AN85 R&D- Medical: AIDS Research (Operational Systems Development)

- AN86 R&D- Medical: AIDS Research (Management/Support)
- AN87 R&D- Medical: AIDS Research (Commercialized)
- Category AN9*
R&D- Medical: Other
- AN91 R&D- Medical: Other (Basic Research)
- AN92 R&D- Medical: Other (Applied Research/Exploratory Development)
- AN93 R&D- Medical: Other (Advanced Development)
- AN94 R&D- Medical: Other (Engineering Development)
- AN95 R&D- Medical: Other (Operational Systems Development)
- AN96 R&D- Medical: Other (Management/Support)
- AN97 R&D- Medical: Other (Commercialized)

Category AP
R&D- Natural Resource

Category AP2
R&D- Natural Resource: Land

- AP21 R&D- Natural Resource: Land (Basic Research)
- AP22 R&D- Natural Resource: Land (Applied Research/Exploratory Development)
- AP23 R&D- Natural Resource: Land (Advanced Development)
- AP24 R&D- Natural Resource: Land (Engineering Development)
- AP25 R&D- Natural Resource: Land (Operational Systems Development)

- AP26 R&D- Natural Resource: Land (Management/Support)
- AP27 R&D- Natural Resource: Land (Commercialized)

Category AP3
R&D- Natural Resource: Mineral

- AP31 R&D- Natural Resource: Mineral (Basic Research)
- AP32 R&D- Natural Resource: Mineral (Applied Research/Exploratory Development)
- AP33 R&D- Natural Resource: Mineral (Advanced Development)
- AP34 R&D- Natural Resource: Mineral (Engineering Development)
- AP35 R&D- Natural Resource: Mineral (Operational Systems Development)
- AP36 R&D- Natural Resource: Mineral (Management/Support)
- AP37 R&D- Natural Resource: Mineral (Commercialized)

Category AP4
R&D- Natural Resource: Recreation

- AP41 R&D- Natural Resource: Recreation (Basic Research)
- AP42 R&D- Natural Resource: Recreation (Applied Research/Exploratory Development)
- AP43 R&D- Natural Resource: Recreation (Advanced Development)
- AP44 R&D- Natural Resource: Recreation (Engineering Development)

AP45 R&D- Natural Resource: Recreation
(Operational Systems Development)

AP46 R&D- Natural Resource: Recreation
(Management/Support)

AP47 R&D- Natural Resource: Recreation
(Commercialized)

Category AP5

*R&D- Natural Resource: Marine and
Oceanographic*

AP51 R&D- Natural Resource: Marine and
Oceanographic (Basic Research)

AP52 R&D- Natural Resource: Marine and
Oceanographic (Applied
Research/Exploratory Development)

AP53 R&D- Natural Resource: Marine and
Oceanographic (Advanced
Development)

AP54 R&D- Natural Resource: Marine and
Oceanographic (Engineering
Development)

AP55 R&D- Natural Resource: Marine and
Oceanographic (Operational Systems
Development)

AP56 R&D- Natural Resource: Marine and
Oceanographic (Management/Support)

AP57 R&D- Natural Resource: Marine and
Oceanographic (Commercialized)

Category AP6

R&D- Natural Resource: Marine Fisheries

AP61 R&D- Natural Resource: Marine
Fisheries (Basic Research)

AP62 R&D- Natural Resource: Marine
Fisheries (Applied
Research/Exploratory Development)

AP63 R&D- Natural Resource: Marine
Fisheries (Advanced Development)

AP64 R&D- Natural Resource: Marine
Fisheries (Engineering Development)

AP65 R&D- Natural Resource: Marine
Fisheries (Operational Systems
Development)

AP66 R&D- Natural Resource: Marine
Fisheries (Management/Support)

AP67 R&D- Natural Resource: Marine
Fisheries (Commercialized)

Category AP7

R&D- Natural Resource: Atmospheric

AP71 R&D- Natural Resource: Atmospheric
(Basic Research)

AP72 R&D- Natural Resource: Atmospheric
(Applied Research/Exploratory
Development)

AP73 R&D- Natural Resource: Atmospheric
(Advanced Development)

AP74 R&D- Natural Resource: Atmospheric
(Engineering Development)

AP75 R&D- Natural Resource: Atmospheric
(Operational Systems Development)

AP76 R&D- Natural Resource: Atmospheric
(Management/Support)

AP77 R&D- Natural Resource: Atmospheric
(Commercialized)

Category AP9

R&D- Natural Resource: Other

AP91 R&D- Natural Resource: Other (Basic
Research)

- AP92 R&D- Natural Resource: Other (Applied Research/Exploratory Development)
- AP93 R&D- Natural Resource: Other (Advanced Development)
- AP94 R&D- Natural Resource: Other (Engineering Development)
- AP95 R&D- Natural Resource: Other (Operational Systems Development)
- AP96 R&D- Natural Resource: Other (Management/Support)
- AP97 R&D- Natural Resource: Other (Commercialized)

**Category AQ
R&D- Social Services**

*Category AQ1
R&D- Social Services: Geriatric Other Than Medical*

- AQ11 R&D- Social Services: Geriatric Other Than Medical (Basic Research)
- AQ12 R&D- Social Services: Geriatric Other Than Medical (Applied Research/Exploratory Development)
- AQ13 R&D- Social Services: Geriatric Other Than Medical (Advanced Development)
- AQ14 R&D- Social Services: Geriatric Other Than Medical (Engineering Development)
- AQ15 R&D- Social Services: Geriatric Other Than Medical (Operational Systems Development)
- AQ16 R&D- Social Services: Geriatric Other Than Medical (Management/Support)

- AQ17 R&D- Social Services: Geriatric Other Than Medical (Commercialized)

*Category AQ9
R&D- Social Services: Other*

- AQ91 R&D- Social Services: Other (Basic Research)
- AQ92 R&D- Social Services: Other (Applied Research/Exploratory Development)
- AQ93 R&D- Social Services: Other (Advanced Development)
- AQ94 R&D- Social Services: Other (Engineering Development)
- AQ95 R&D- Social Services: Other (Operational Systems Development)
- AQ96 R&D- Social Services: Other (Management/Support)
- AQ97 R&D- Social Services: Other (Commercialized)

**Category AR
R&D- Space**

*Category AR1
R&D- Space: Aeronautics/Space Technology*

- AR11 R&D- Space: Aeronautics/Space Technology (Basic Research)
- AR12 R&D- Space: Aeronautics/Space Technology (Applied Research/Exploratory Development)
- AR13 R&D- Space: Aeronautics/Space Technology (Advanced Development)
- AR14 R&D- Space: Aeronautics/Space Technology (Engineering Development)

AR15 R&D- Space: Aeronautics/Space Technology (Operational Systems Development)

AR16 R&D- Space: Aeronautics/Space Technology (Management/Support)

AR17 R&D- Space: Aeronautics/Space Technology (Commercialized)

Category AR2

R&D- Space: Science/Applications

AR21 R&D- Space: Science/Applications (Basic Research)

AR22 R&D- Space: Science/Applications (Applied Research/Exploratory Development)

AR23 R&D- Space: Science/Applications (Advanced Development)

AR24 R&D- Space: Science/Applications (Engineering Development)

AR25 R&D- Space: Science/Applications (Operational Systems Development)

AR26 R&D- Space: Science/Applications (Management/Support)

AR27 R&D- Space: Science/Applications (Commercialized)

Category AR3

R&D- Space: Flight

AR31 R&D- Space: Flight (Basic Research)

AR32 R&D- Space: Flight (Applied Research/Exploratory Development)

AR33 R&D- Space: Flight (Advanced Development)

AR34 R&D- Space: Flight (Engineering Development)

AR35 R&D- Space: Flight (Operational Systems Development)

AR36 R&D- Space: Flight (Management/Support)

AR37 R&D- Space: Flight (Commercialized)

Category AR4

R&D- Space: Operations, Tracking and Data Acquisition

AR41 R&D- Space: Operations, Tracking and Data Acquisition (Basic Research)

AR42 R&D- Space: Operations, Tracking and Data Acquisition (Applied Research/Exploratory Development)

AR43 R&D- Space: Operations, Tracking and Data Acquisition (Advanced Development)

AR44 R&D- Space: Operations, Tracking and Data Acquisition (Engineering Development)

AR45 R&D- Space: Operations, Tracking and Data Acquisition (Operational Systems Development)

AR46 R&D- Space: Operations, Tracking and Data Acquisition (Management/Support)

AR47 R&D- Space: Operations, Tracking and Data Acquisition (Commercialized)

Category AR6

R&D- Space: Station

AR61 R&D- Space: Station (Basic Research)

AR62 R&D- Space: Station (Applied Research/Exploratory Development)

AR63 R&D- Space: Station (Advanced Development)

- AR64 R&D- Space: Station (Engineering Development)
- AR65 R&D- Space: Station (Operational Systems Development)
- AR66 R&D- Space: Station (Management/Support)
- AR67 R&D- Space: Station (Commercialized)

*Category AR7
R&D- Space: Commercial Programs*

- AR71 R&D- Space: Commercial Programs (Basic Research)
- AR72 R&D- Space: Commercial Programs (Applied Research/Exploratory Development)
- AR73 R&D- Space: Commercial Programs (Advanced Development)
- AR74 R&D- Space: Commercial Programs (Engineering Development)
- AR75 R&D- Space: Commercial Programs (Operational Systems Development)
- AR76 R&D- Space: Commercial Programs (Management/Support)
- AR77 R&D- Space: Commercial Programs (Commercialized)

*Category AR9
R&D- Space: Other*

- AR91 R&D- Space: Other (Basic Research)
- AR92 R&D- Space: Other (Applied Research/Exploratory Development)
- AR93 R&D- Space: Other (Advanced Development)

- AR94 R&D- Space: Other (Engineering Development)
- AR95 R&D- Space: Other (Operational Systems Development)
- AR96 R&D- Space: Other (Management/Support)
- AR97 R&D- Space: Other (Commercialized)

**Category AS
R&D- Modal Transportation**

*Category AS1
R&D- Modal Transportation: Air*

- AS11 R&D- Modal Transportation: Air (Basic Research)
- AS12 R&D- Modal Transportation: Air (Applied Research/Exploratory Development)
- AS13 R&D- Modal Transportation: Air (Advanced Development)
- AS14 R&D- Modal Transportation: Air (Engineering Development)
- AS15 R&D- Modal Transportation: Air (Operational Systems Development)
- AS16 R&D- Modal Transportation: Air (Management/Support)
- AS17 R&D- Modal Transportation: Air (Commercialized)

*Category AS2
R&D- Modal Transportation: Surface Motor Vehicles*

- AS21 R&D- Modal Transportation: Surface Motor Vehicles (Basic Research)
- AS22 R&D- Modal Transportation: Surface Motor Vehicles (Applied Research/Exploratory Development)

- AS23 R&D- Modal Transportation: Surface Motor Vehicles (Advanced Development)
- AS24 R&D- Modal Transportation: Surface Motor Vehicles (Engineering Development)
- AS25 R&D- Modal Transportation: Surface Motor Vehicles (Operational Systems Development)
- AS26 R&D- Modal Transportation: Surface Motor Vehicles (Management/Support)
- AS27 R&D- Modal Transportation: Surface Motor Vehicles (Commercialized)

Category AS3

R&D- Modal Transportation: Rail

- AS31 R&D- Modal Transportation: Rail (Basic Research)
- AS32 R&D- Modal Transportation: Rail (Applied Research/Exploratory Development)
- AS33 R&D- Modal Transportation: Rail (Advanced Development)
- AS34 R&D- Modal Transportation: Rail (Engineering Development)
- AS35 R&D- Modal Transportation: Rail (Operational Systems Development)
- AS36 R&D- Modal Transportation: Rail (Management/Support)
- AS37 R&D- Modal Transportation: Rail (Commercialized)

Category AS4

R&D- Modal Transportation: Marine

- AS41 R&D- Modal Transportation: Marine (Basic Research)

- AS42 R&D- Modal Transportation: Marine (Applied Research/Exploratory Development)
- AS43 R&D- Modal Transportation: Marine (Advanced Development)
- AS44 R&D- Modal Transportation: Marine (Engineering Development)
- AS45 R&D- Modal Transportation: Marine (Operational Systems Development)
- AS46 R&D- Modal Transportation: Marine (Management/Support)
- AS47 R&D- Modal Transportation: Marine (Commercialized)

Category AS9

R&D- Modal Transportation: Other Modal

- AS91 R&D- Modal Transportation: Other Modal (Basic Research)
- AS92 R&D- Modal Transportation: Other Modal (Applied Research/Exploratory Development)
- AS93 R&D- Modal Transportation: Other Modal (Advanced Development)
- AS94 R&D- Modal Transportation: Other Modal (Engineering Development)
- AS95 R&D- Modal Transportation: Other Modal (Operational Systems Development)
- AS96 R&D- Modal Transportation: Other Modal (Management/Support)
- AS97 R&D- Modal Transportation: Other Modal (Commercialized)

Category AT
R&D- Other Transportation

Category AT1
R&D- Other Transportation: Highways, Roads, and Bridges

AT11 R&D- Other Transportation: Highways, Roads, and Bridges (Basic Research)

AT12 R&D- Other Transportation: Highways, Roads, and Bridges (Applied Research/Exploratory Development)

AT13 R&D- Other Transportation: Highways, Roads, and Bridges (Advanced Development)

AT14 R&D- Other Transportation: Highways, Roads, and Bridges (Engineering Development)

AT15 R&D- Other Transportation: Highways, Roads, and Bridges (Operational Systems Development)

AT16 R&D- Other Transportation: Highways, Roads, and Bridges (Management/Support)

AT17 R&D- Other Transportation: Highways, Roads, and Bridges (Commercialized)

Category AT2
R&D- Other Transportation: Human Factors Concerning Transportation

AT21 R&D- Other Transportation: Human Factors Concerning Transportation (Basic Research)

AT22 R&D- Other Transportation: Human Factors Concerning Transportation (Applied Research/Exploratory Development)

AT23 R&D- Other Transportation: Human Factors Concerning Transportation (Advanced Development)

AT24 R&D- Other Transportation: Human Factors Concerning Transportation (Engineering Development)

AT25 R&D- Other Transportation: Human Factors Concerning Transportation (Operational Systems Development)

AT26 R&D- Other Transportation: Human Factors Concerning Transportation (Management/Support)

AT27 R&D- Other Transportation: Human Factors Concerning Transportation (Commercialized)

Category AT3
R&D- Other Transportation: Navigation and Navigational Aids

AT31 R&D- Other Transportation: Navigation and Navigational Aids (Basic Research)

AT32 R&D- Other Transportation: Navigation and Navigational Aids (Applied Research/Exploratory Development)

AT33 R&D- Other Transportation: Navigation and Navigational Aids (Advanced Development)

AT34 R&D- Other Transportation: Navigation and Navigational Aids (Engineering Development)

AT35 R&D- Other Transportation: Navigation and Navigational Aids (Operational Systems Development)

AT36 R&D- Other Transportation: Navigation and Navigational Aids (Management/Support)

AT37 R&D- Other Transportation: Navigation and Navigational Aids (Commercialized)

Category AT4

R&D- Other Transportation: Passenger Safety and Security

- AT41 R&D- Other Transportation: Passenger Safety and Security (Basic Research)
- AT42 R&D- Other Transportation: Passenger Safety and Security (Applied Research/Exploratory Development)
- AT43 R&D- Other Transportation: Passenger Safety and Security (Advanced Development)
- AT44 R&D- Other Transportation: Passenger Safety and Security (Engineering Development)
- AT45 R&D- Other Transportation: Passenger Safety and Security (Operational Systems Development)
- AT46 R&D- Other Transportation: Passenger Safety and Security (Management/Support)
- AT47 R&D- Other Transportation: Passenger Safety and Security (Commercialized)

Category AT5

R&D- Other Transportation: Pipeline Safety

- AT51 R&D- Other Transportation: Pipeline Safety (Basic Research)
- AT52 R&D- Other Transportation: Pipeline Safety (Applied Research/Exploratory Development)
- AT53 R&D- Other Transportation: Pipeline Safety (Advanced Development)
- AT54 R&D- Other Transportation: Pipeline Safety (Engineering Development)
- AT55 R&D- Other Transportation: Pipeline Safety (Operational Systems Development)

- AT56 R&D- Other Transportation: Pipeline Safety (Management/Support)

- AT57 R&D- Other Transportation: Pipeline Safety (Commercialized)

Category AT6

R&D- Other Transportation: Traffic Management

- AT61 R&D- Other Transportation: Traffic Management (Basic Research)
- AT62 R&D- Other Transportation: Traffic Management (Applied Research/Exploratory Development)
- AT63 R&D- Other Transportation: Traffic Management (Advanced Development)
- AT64 R&D- Other Transportation: Traffic Management (Engineering Development)
- AT65 R&D- Other Transportation: Traffic Management (Operational Systems Development)
- AT66 R&D- Other Transportation: Traffic Management (Management/Support)
- AT67 R&D- Other Transportation: Traffic Management (Commercialized)

Category AT7

R&D- Other Transportation: Tunnels and Other Subsurface Structures

- AT71 R&D- Other Transportation: Tunnels and Other Subsurface Structures (Basic Research)
- AT72 R&D- Other Transportation: Tunnels and Other Subsurface Structures (Applied Research/Exploratory Development)
- AT73 R&D- Other Transportation: Tunnels and Other Subsurface Structures (Advanced Development)

AT74 R&D- Other Transportation: Tunnels and Other Subsurface Structures (Engineering Development)

AT75 R&D- Other Transportation: Tunnels and Other Subsurface Structures (Operational Systems Development)

AT76 R&D- Other Transportation: Tunnels and Other Subsurface Structures (Management/Support)

AT77 R&D- Other Transportation: Tunnels and Other Subsurface Structures (Commercialized)

*Category AT8
R&D- Other Transportation: Transporting Hazardous Materials*

AT81 R&D- Other Transportation: Transporting Hazardous Materials (Basic Research)

AT82 R&D- Other Transportation: Transporting Hazardous Materials (Applied Research/Exploratory Development)

AT83 R&D- Other Transportation: Transporting Hazardous Materials (Advanced Development)

AT84 R&D- Other Transportation: Transporting Hazardous Materials (Engineering Development)

AT85 R&D- Other Transportation: Transporting Hazardous Materials (Operational Systems Development)

AT86 R&D- Other Transportation: Transporting Hazardous Materials (Management/Support)

AT87 R&D- Other Transportation: Transporting Hazardous Mats (Commercialized)

*Category AT9
R&D- Other Transportation: Other General*

AT91 R&D- Other Transportation: Other General (Basic Research)

AT92 R&D- Other Transportation: Other General (Applied Research/Exploratory Development)

AT93 R&D- Other Transportation: Other General (Advanced Development)

AT94 R&D- Other Transportation: Other General (Engineering Development)

AT95 R&D- Other Transportation: Other General (Operational Systems Development)

AT96 R&D- Other Transportation: Other General (Management/Support)

AT97 R&D- Other Transportation: Other General (Commercialized)

**Category AV
R&D- Mining**

*Category AV1
R&D- Mining: Subsurface Mining Equipment*

AV11 R&D- Mining: Subsurface Mining Equipment (Basic Research)

AV12 R&D- Mining: Subsurface Mining Equipment (Applied Research/Exploratory Development)

AV13 R&D- Mining: Subsurface Mining Equipment (Advanced Development)

AV14 R&D- Mining: Subsurface Mining Equipment (Engineering Development)

AV15 R&D- Mining: Subsurface Mining Equipment (Operational Systems Development)

AV16 R&D- Mining: Subsurface Mining Equipment (Management/Support)

AV17 R&D- Mining: Subsurface Mining Equipment (Commercialized)

Category AV2

R&D- Mining: Surface Mining Equipment

AV21 R&D- Mining: Surface Mining Equipment (Basic Research)

AV22 R&D- Mining: Surface Mining Equipment (Applied Research/Exploratory Development)

AV23 R&D- Mining: Surface Mining Equipment (Advanced Development)

AV24 R&D- Mining: Surface Mining Equipment (Engineering Development)

AV25 R&D- Mining: Surface Mining Equipment (Operational Systems Development)

AV26 R&D- Mining: Surface Mining Equipment (Management/Support)

AV27 R&D- Mining: Surface Mining Equipment (Commercialized)

Category AV3

R&D- Mining: Subsurface Mining Methods

AV31 R&D- Mining: Subsurface Mining Methods (Basic Research)

AV32 R&D- Mining: Subsurface Mining Methods (Applied Research/Exploratory Development)

AV33 R&D- Mining: Subsurface Mining Methods (Advanced Development)

AV34 R&D- Mining: Subsurface Mining Methods (Engineering Development)

AV35 R&D- Mining: Subsurface Mining Methods (Operational Systems Development)

AV36 R&D- Mining: Subsurface Mining Methods (Management/Support)

AV37 R&D- Mining: Subsurface Mining Methods (Commercialized)

Category AV4

R&D- Mining: Surface Mining Methods

AV41 R&D- Mining: Surface Mining Methods (Basic Research)

AV42 R&D- Mining: Surface Mining Methods (Applied Research/Exploratory Development)

AV43 R&D- Mining: Surface Mining Methods (Advanced Development)

AV44 R&D- Mining: Surface Mining Methods (Engineering Development)

AV45 R&D- Mining: Surface Mining Methods (Operational Systems Development)

AV46 R&D- Mining: Surface Mining Methods (Management/Support)

AV47 R&D- Mining: Surface Mining Methods (Commercialized)

Category AV5

R&D- Mining: Mining Reclamation Methods

AV51 R&D- Mining: Mining Reclamation Methods (Basic Research)

AV52 R&D- Mining: Mining Reclamation Methods (Applied Research/Exploratory Development)

AV53 R&D- Mining: Mining Reclamation Methods (Advanced Development)

AV54 R&D- Mining: Mining Reclamation Methods (Engineering Development)

AV55 R&D- Mining: Mining Reclamation Methods (Operational Systems Development)

AV56 R&D- Mining: Mining Reclamation Methods (Management/Support)

AV57 R&D- Mining: Mining Reclamation Methods (Commercialized)

Category AV6

R&D- Mining: Mining Safety

AV61 R&D- Mining: Mining Safety (Basic Research)

AV62 R&D- Mining: Mining Safety (Applied Research/Exploratory Development)

AV63 R&D- Mining: Mining Safety (Advanced Development)

AV64 R&D- Mining: Mining Safety (Engineering Development)

AV65 R&D- Mining: Mining Safety (Operational Systems Development)

AV66 R&D- Mining: Mining Safety (Management/Support)

AV67 R&D- Mining: Mining Safety (Commercialized)

Category AV7

R&D- Mining: Metallurgical

AV71 R&D- Mining: Metallurgical (Basic Research)

AV72 R&D- Mining: Metallurgical (Applied Research/Exploratory Development)

AV73 R&D- Mining: Metallurgical (Advanced Development)

AV74 R&D- Mining: Metallurgical (Engineering Development)

AV75 R&D- Mining: Metallurgical (Operational Systems Development)

AV76 R&D- Mining: Metallurgical (Management/Support)

AV77 R&D- Mining: Metallurgical (Commercialized)

Category AV9

R&D- Mining: Other Mining Activities

AV91 R&D- Mining: Other Mining Activities (Basic Research)

AV92 R&D- Mining: Other Mining Activities (Applied Research/Exploratory Development)

AV93 R&D- Mining: Other Mining Activities (Advanced Development)

AV94 R&D- Mining: Other Mining Activities (Engineering Development)

AV95 R&D- Mining: Other Mining Activities (Operational Systems Development)

AV96 R&D- Mining: Other Mining Activities (Management/Support)

AV97 R&D- Mining: Other Mining Activities (Commercialized)

Category AZ

R&D- Other Research and Development

Category AZ1

R&D- Other Research and Development

AZ11 R&D- Other Research and Development (Basic Research)

AZ12 R&D- Other Research and Development (Applied Research/Exploratory Development)

- AZ13 R&D- Other Research and Development (Advanced Development)
- AZ14 R&D- Other Research and Development (Engineering Development)
- AZ15 R&D- Other Research and Development (Operational Systems Development)
- AZ16 R&D- Other Research and Development (Management/Support)
- AZ17 R&D- Other Research and Development (Commercialized)

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B502 Special Studies/Analysis- Air Quality

B503 Special Studies/Analysis- Archeological/Paleontological

B504 Special Studies/Analysis- Chemical/Biological

B505 Special Studies/Analysis- Cost Benefit

B506 Special Studies/Analysis- Data (Other Than Scientific)

B507 Special Studies/Analysis- Economic

B509 Special Studies/Analysis- Endangered Species: Plant/Animal

B510 Special Studies/Analysis- Environmental Assessments

B513 Special Studies/Analysis- Feasibility (Non-Construction)

B516 Special Studies/Analysis- Animal/Fisheries

B517 Special Studies/Analysis- Geological

B518 Special Studies/Analysis- Geophysical

B519 Special Studies/Analysis- Geotechnical

B520 Special Studies/Analysis- Grazing/Range

B521 Special Studies/Analysis- Historical

B522 Special Studies/Analysis- Legal

B524 Special Studies/Analysis- Mathematical/Statistical

B525 Special Studies/Analysis- Natural Resource

B526 Special Studies/Analysis- Oceanological

B527 Special Studies/Analysis- Recreation

B528 Special Studies/Analysis- Regulatory

B529 Special Studies/Analysis- Scientific Data

B530 Special Studies/Analysis- Seismological

B532 Special Studies/Analysis- Soil

B533 Special Studies/Analysis- Water Quality

B534 Special Studies/Analysis- Wildlife

B537 Special Studies/Analysis- Medical/Health

B538 Special Studies/Analysis- Intelligence

B539 Special Studies/Analysis- Aeronautical/Space

B540 Special Studies/Analysis- Building Technology

B541 Special Studies/Analysis- Defense

B542 Special Studies/Analysis- Educational

B543 Special Studies/Analysis- Energy

B544 Special Studies/Analysis- Technology

B545 Special Studies/Analysis-
Housing/Community Development

B546 Special Studies/Analysis- Security
(Physical/Personal)

B547 Special Studies/Analysis-
Accounting/Financial Management

B548 Special Studies/Analysis- Trade Issue

B549 Special Studies/Analysis-
Foreign/National Security Policy

B550 Special Studies/Analysis-
Organization/Administrative/Personnel

B551 Special Studies/Analysis-
Mobilization/Preparedness

B552 Special Studies/Analysis- Manpower

B553 Special Studies/Analysis-
Communications

B554 Special Studies/Analysis- Acquisition
Policy/Procedures

B555 Special Studies/Analysis-
Elderly/Handicapped

B599 Special Studies/Analysis- Other

Category C
Architect and Engineering Services

Category C1
Architect and Engineering- Construction

C1AA Architect and Engineering-
Construction: Office Buildings

C1AB Architect and Engineering-
Construction: Conference Space and
Facilities

C1AZ Architect and Engineering-
Construction: Other Administrative
Facilities and Service Buildings

C1BA Architect and Engineering-
Construction: Air Traffic Control
Towers

C1BB Architect and Engineering-
Construction: Air Traffic Control
Training Facilities

C1BC Architect and Engineering-
Construction: Radar and Navigational
Facilities

C1BD Architect and Engineering-
Construction: Airport Runways and
Taxiways

C1BE Architect and Engineering-
Construction: Airport Terminals

C1BF Architect and Engineering-
Construction: Missile System Facilities

C1BG Architect and Engineering-
Construction: Electronic and
Communications Facilities

C1BZ Architect and Engineering-
Construction: Other Airfield Structures

C1CA Architect and Engineering-
Construction: Schools

C1CZ Architect and Engineering-
Construction: Other Educational
Buildings

C1DA Architect and Engineering-
Construction: Hospitals and Infirmaries

C1DB Architect and Engineering-
Construction: Laboratories and Clinics

C1DZ Architect and Engineering-
Construction: Other Hospital Buildings

C1EA Architect and Engineering-
Construction: Ammunition Facilities

C1EB Architect and Engineering-
Construction: Maintenance Buildings

C1EC Architect and Engineering-
Construction: Production Buildings

C1ED Architect and Engineering-
Construction: Ship Construction and
Repair Facilities

C1EE Architect and Engineering-
Construction: Tank Automotive
Facilities

C1EZ Architect and Engineering-
Construction: Other Industrial Buildings

C1FA Architect and Engineering-
Construction: Family Housing Facilities

C1FB Architect and Engineering-
Construction: Recreational Buildings

C1FC Architect and Engineering-
Construction: Troop Housing Facilities

C1FD Architect and Engineering-
Construction: Dining Facilities

C1FE Architect and Engineering-
Construction: Religious Facilities

C1FF Architect and Engineering-
Construction: Penal Facilities

C1FZ Architect and Engineering-
Construction: Other Residential
Buildings

C1GA Architect and Engineering-
Construction: Ammunition Storage
Buildings

C1GB Architect and Engineering-
Construction: Food or Grain Storage
Buildings

C1GC Architect and Engineering-
Construction: Fuel Storage Buildings

C1GD Architect and Engineering-
Construction: Open Storage Facilities

C1GZ Architect and Engineering-
Construction: Other Warehouse
Buildings

C1HA Architect and Engineering-
Construction: Government-Owned
Contractor-Operated (GOCO) R&D
Facilities

C1HB Architect and Engineering-
Construction: Government-Owned
Government-Operated (GOGO) R&D
Facilities

C1HC Architect and Engineering-
Construction: Government-Owned
Contractor-Operated (GOCO)
Environmental Laboratories

C1HZ Architect and Engineering-
Construction: Government-Owned
Government-Operated (GOGO)
Environmental Laboratories

C1JA Architect and Engineering-
Construction: Museums and Exhibition
Buildings

C1JB	Architect and Engineering- Construction: Testing and Measurement Buildings	C1MA	Architect and Engineering- Construction: EPG Facilities - Coal
C1JZ	Architect and Engineering- Construction: Miscellaneous Buildings	C1MB	Architect and Engineering- Construction: EPG Facilities - Gas
C1KA	Architect and Engineering- Construction: Dams	C1MC	Architect and Engineering- Construction: EPG Facilities - Geothermal
C1KB	Architect and Engineering- Construction: Canals	C1MD	Architect and Engineering- Construction: EPG Facilities - Hydro
C1KC	Architect and Engineering- Construction: Mine Fire Control Facilities	C1ME	Architect and Engineering- Construction: EPG Facilities - Nuclear
C1KD	Architect and Engineering- Construction: Mine Subsidence Control Facilities	C1MF	Architect and Engineering- Construction: EPG Facilities - Petroleum
C1KE	Architect and Engineering- Construction: Surface Mine Reclamation Facilities	C1MG	Architect and Engineering- Construction: EPG Facilities - Solar
C1KF	Architect and Engineering- Construction: Dredging Facilities	C1MH	Architect and Engineering- Construction: EPG Facilities - Wind
C1KZ	Architect and Engineering- Construction: Other Conservation and Development Facilities	C1MZ	Architect and Engineering- Construction: EPG Facilities - Other, Including Transmission
C1LA	Architect and Engineering- Construction: Airport Service Roads	C1NA	Architect and Engineering- Construction: Fuel Supply Facilities
C1LB	Architect and Engineering- Construction: Highways, Roads, Streets, Bridges, and Railways Includes: Resurfacing	C1NB	Architect and Engineering- Construction: Heating and Cooling Plants
C1LC	Architect and Engineering- Construction: Tunnels and Subsurface Structures	C1NC	Architect and Engineering- Construction: Pollution Abatement and Control Facilities
C1LZ	Architect and Engineering- Construction: Parking Facilities	C1ND	Architect and Engineering- Construction: Sewage and Waste Facilities
		C1NE	Architect and Engineering- Construction: Water Supply Facilities

- C1NZ Architect and Engineering-
Construction: Other Utilities
- C1PA Architect and Engineering-
Construction: Recreational Facilities
(Non-Building)
- C1PB Architect and Engineering-
Construction: Exhibit Design (Non-
Building)
- C1PC Architect and Engineering-
Construction: Unimproved Real
Property (Land)
- C1PD Architect and Engineering-
Construction: Waste Treatment and
Storage Facilities
- C1PZ Architect and Engineering-
Construction: Other Non-Building
Facilities
- C1QA Architect and Engineering-
Construction: Restoration of Real
Property (Public or Private)
- Includes: All Actions Necessary to
Restore, Rehabilitate, or Reclaim
Property

Category C2
Architect and Engineering- General

- C211 Architect and Engineering- General:
Landscaping, Interior Layout, and
Designing
- C212 Architect and Engineering- General:
Engineering Drafting, Not CAD/CAM
Excludes: CAD/CAM (PSC D313)
- C213 Architect and Engineering- General:
Inspection (Non-Construction)
- C214 Architect and Engineering- General:
Management Engineering

- C215 Architect and Engineering- General:
Production Engineering
Includes: Design and Control, Building
Programming
- C216 Architect and Engineering- General:
Marine Engineering
- C219 Architect and Engineering- General:
Other
- C220 Architect and Engineering- General:
Structural Engineering
- C221 Architect and Engineering- General:
Plumbing Systems
- C222 Architect and Engineering- General:
Electrical Systems
- C223 Architect and Engineering- General:
Mechanical Systems

Category D
Information Technology and
Telecommunications

Category D3
Information Technology and
Telecommunications

- D301 IT and Telecom- Facility Operation and
Maintenance
- D302 IT and Telecom- Systems
Development
- D303 IT and Telecom- Data Entry
- D304 IT and Telecom- Telecommunications
and Transmission
Includes: Telephone Service Via
Landline, Wireless, or Satellite,
Including Cellular, Land Mobile Radio,
and VOIP
Excludes: Internet Services (PSC
D322)

D305 IT and Telecom- Teleprocessing, Timeshare, and Cloud Computing
Includes: Software As A Service, Infrastructure As A Service

D306 IT and Telecom- Systems Analysis

D307 IT and Telecom- IT Strategy and Architecture

D308 IT and Telecom- Programming

D309 IT and Telecom- Information and Data Broadcasting or Data Distribution

D310 IT and Telecom- Cyber Security and Data Backup
Includes: Information Assurance, Virus Detection, Network Management, Situational Awareness and Incident Response, Secure Web Hosting, Backup and Security Services

D311 IT and Telecom- Data Conversion

D312 IT and Telecom- Optical Scanning

D313 IT and Telecom- Computer Aided Design/Computer Aided Manufacturing (CAD/CAM)

D314 IT and Telecom- System Acquisition Support
Includes: Preparation of Statement of Work, Benchmarks, Specifications, Etc.

D315 IT and Telecom- Digitizing
Includes: Cartographic and Geographic Information

D316 IT and Telecom- Telecommunications Network Management
Includes: Network Engineering and Operational Support

D317 IT and Telecom- Web-Based Subscription
Includes: Subscriptions to Data, Electronic Equivalent of Books, Periodicals, Newspapers, Etc.

D318 IT and Telecom- Integrated Hardware/Software/Services Solutions, Predominantly Services
Includes: Contracts Buying Hardware, Software, and Related Services, Where Services Are The Predominant Portion of The Contract Value

D319 IT and Telecom- Annual Software Maintenance Service Plans

D320 IT and Telecom- Annual Hardware Maintenance Service Plans

D321 IT and Telecom- Help Desk

D322 IT and Telecom- Internet
Includes: Internet Access Via Wired, Wireless, and Satellite Media, Including Broadband and Dial Up
Excludes: Telecommunications and Transmission Services (PSC D304)

D324 IT and Telecom- Business Continuity

D325 IT and Telecom- Data Centers and Storage
Includes: Data Center Consolidation, Modernization, and Transformation; Enterprise Resource Planning; Data Center Design

D399 IT and Telecom- Other IT and Telecommunications

**Category E
Purchase of Structures/Facilities**

*Category E1
Purchase of Structures and Facilities*

E1AA Purchase of Office Buildings

E1AB Purchase of Conference Space and Facilities

E1AZ Purchase of Other Administrative Facilities and Service Buildings

E1BA Purchase of Air Traffic Control Towers

E1BB Purchase of Air Traffic Control Training Facilities

E1BC Purchase of Radar and Navigational Facilities

E1BD Purchase of Airport Runways and Taxiways

E1BE Purchase of Airport Terminals

E1BF Purchase of Missile System Facilities

E1BG Purchase of Electronic and Communications Facilities

E1BZ Purchase of Other Airfield Structures

E1CA Purchase of Schools

E1CZ Purchase of Other Educational Buildings

E1DA Purchase of Hospitals and Infirmaries

E1DB Purchase of Laboratories and Clinics

E1DZ Purchase of Other Hospital Buildings

E1EA Purchase of Ammunition Facilities

E1EB Purchase of Maintenance Buildings

E1EC Purchase of Production Buildings

E1ED Purchase of Ship Construction and Repair Facilities

E1EE Purchase of Tank Automotive Facilities

E1EZ Purchase of Other Industrial Buildings

E1FA Purchase of Family Housing Facilities

E1FB Purchase of Recreational Buildings

E1FC Purchase of Troop Housing Facilities

E1FD Purchase of Dining Facilities

E1FE Purchase of Religious Facilities

E1FF Purchase of Penal Facilities

E1FZ Purchase of Other Residential Buildings

E1GA Purchase of Ammunition Storage Buildings

E1GB Purchase of Food or Grain Storage Buildings

E1GC Purchase of Fuel Storage Buildings

E1GD	Purchase of Open Storage Facilities	E1KZ	Purchase of Other Conservation and Development Facilities
E1GZ	Purchase of Other Warehouse Buildings	E1LA	Purchase of Airport Service Roads
E1HA	Purchase of Government-Owned Contractor-Operated (GOCO) R&D Facilities	E1LB	Purchase of Highways, Roads, Streets, Bridges, and Railways Includes: Resurfacing
E1HB	Purchase of Government-Owned Government-Operated (GOGO) R&D Facilities	E1LC	Purchase of Tunnels and Subsurface Structures
E1HC	Purchase of Government-Owned Contractor-Operated (GOCO) Environmental Laboratories	E1LZ	Purchase of Parking Facilities
E1HZ	Purchase of Government-Owned Government-Operated (GOGO) Environmental Laboratories	E1MA	Purchase of EPG Facilities - Coal
E1JA	Purchase of Museums and Exhibition Buildings	E1MB	Purchase of EPG Facilities - Gas
E1JB	Purchase of Testing and Measurement Buildings	E1MC	Purchase of EPG Facilities - Geothermal
E1JZ	Purchase of Miscellaneous Buildings	E1MD	Purchase of EPG Facilities - Hydro
E1KA	Purchase of Dams	E1ME	Purchase of EPG Facilities - Nuclear
E1KB	Purchase of Canals	E1MF	Purchase of EPG Facilities - Petroleum
E1KC	Purchase of Mine Fire Control Facilities	E1MG	Purchase of EPG Facilities - Solar
E1KD	Purchase of Mine Subsidence Control Facilities	E1MH	Purchase of EPG Facilities - Wind
E1KE	Purchase of Surface Mine Reclamation Facilities	E1MZ	Purchase of EPG Facilities - Other, Including Transmission
E1KF	Purchase of Dredging Facilities	E1NA	Purchase of Fuel Supply Facilities
		E1NB	Purchase of Heating and Cooling Plants
		E1NC	Purchase of Pollution Abatement and Control Facilities

E1ND Purchase of Sewage and Waste Facilities

E1NE Purchase of Water Supply Facilities

E1NZ Purchase of Other Utilities

E1PA Purchase of Recreational Facilities (Non-Building)

E1PB Purchase of Exhibit Design (Non-Building)

E1PC Purchase of Unimproved Real Property (Land)

E1PD Purchase of Waste Treatment and Storage Facilities

E1PZ Purchase of Other Non-Building Facilities

E1QA Purchase of Restoration of Real Property (Public or Private)
Includes: All Actions Necessary to Restore, Rehabilitate, or Reclaim Property

**Category F
Natural Resources Management**

*Category F0
Natural Resources and Conservation*

F001 Natural Resources/Conservation- Aerial Fertilization/Spraying

F002 Natural Resources/Conservation- Aerial Seeding

F003 Natural Resources/Conservation- Forest-Range Fire Suppression/Presuppression

F004 Natural Resources/Conservation- Forest/Range Fire Rehabilitation (Non-Construction)

F005 Natural Resources/Conservation- Forest Tree Planting

F006 Natural Resources/Conservation- Land Treatment Practices
Includes: Plowing, Clearing, Erosion Control
Excludes: Survey Line Clearing (PSC F012), Tree Thinning (PSC F014)

F007 Natural Resources/Conservation- Range Seeding (Ground Equipment)

F008 Natural Resources/Conservation- Recreation Site Maintenance (Non-Construction)

F009 Natural Resources/Conservation- Seed Collection/Production

F010 Natural Resources/Conservation- Seedling Production/Transplanting

F011 Natural Resources/Conservation- Surface Mining Reclamation (Non-Construction)

F012 Natural Resources/Conservation- Survey Line Clearing
Excludes: Land Clearing Other Than for Survey Line (PSC F006)

F013 Natural Resources/Conservation- Tree Breeding

F014 Natural Resources/Conservation- Tree Thinning

F015 Natural Resources/Conservation- Well Drilling/Exploratory

F016 Natural Resources/Conservation- Wildhorse/Burro Control

- F018 Natural Resources/Conservation-
Other Forest/Range Improvements
(Non-Construction)
- F019 Natural Resources/Conservation-
Other Wildlife Management
- F020 Natural Resources/Conservation-
Fisheries Resources Management
- F021 Natural Resources/Conservation- Site
Preparation
- F022 Natural Resources/Conservation- Fish
Hatchery
- F099 Natural Resources/Conservation-
Other

*Category F1
Environmental Systems Protection*

- F101 Environmental Systems Protection- Air
Quality Support

Includes: Industrial Investigation
Surveys and Technical Support
Related to Air Pollution
- F103 Environmental Systems Protection-
Water Quality Support

Includes: Industrial Investigation
Surveys and Technical Support
Related to Water Pollution
- F105 Environmental Systems Protection-
Pesticides Support
- F107 Environmental Systems Protection-
Toxic and Hazardous Substance
Analysis

- F108 Environmental Systems Protection-
Environmental Remediation

Includes: Toxic and Hazardous
Substance Removal, Cleanup, and
Disposal; Asbestos and Lead
Abatement

Excludes: Remediation of Oil Spills
(PSC F112)
- F109 Environmental Systems Protection-
Leaking Underground Storage Tank
Support
- F110 Environmental Systems Protection-
Development of Environmental Impact
Statements and Assessments,
Technical Analysis and Environmental
Audits
- F111 Environmental Systems Protection-
Multiple Pollutant Support

Includes: Industrial Investigation
Surveys and Technical Support
Related to Multiple Pollutants
- F112 Environmental Systems Protection- Oil
Spill Response

Includes: Cleanup, Removal, Disposal
and Operational Support
- F113 Environmental Systems Protection-
Wetlands Conservation and Support
- F114 Environmental Systems Protection-
Environmental Licensing and
Permitting

Includes: Licensing and Permitting
Services for Energy, Mining,
Geological, Geophysical, and
Hazardous Waste Management

F115 Environmental Systems Protection-
Environmental Consulting and Legal
Support
Includes: Litigation and Legal Analysis
Related to Environmental Issues

*Category F9
Natural Resources - Other Services*

F999 Other Environmental Services

**Category G
Social**

*Category G0
Social*

G001 Social- Care of Remains and/or
Funeral

G002 Social- Chaplain

G003 Social- Recreational

G004 Social- Social Rehabilitation

G005 Social- Geriatric

G006 Social- Government Life Insurance
Programs

G007 Social- Government Health Insurance
Programs

G008 Social- Government Insurance
Programs: Other

G009 Social- Non-Government Insurance
Programs

G010 Social- Direct Aid to Tribal
Governments (PI 93-638)

G099 Social- Other

**Category H
Quality Control, Testing, and Inspection**

*Category H1
Quality Control*

H110 Quality Control- Weapons

H111 Quality Control- Nuclear Ordnance

H112 Quality Control- Fire Control
Equipment

H113 Quality Control- Ammunition and
Explosives

H114 Quality Control- Guided Missiles

H115 Quality Control- Aircraft and Airframe
Structural Components

H116 Quality Control- Aircraft Components
and Accessories

H117 Quality Control- Aircraft Launching,
Landing, and Ground Handling
Equipment

H118 Quality Control- Space Vehicles

H119 Quality Control- Ships, Small Craft,
Pontoon, and Floating Docks

H120 Quality Control- Ship and Marine
Equipment

H122 Quality Control- Railway Equipment

H123 Quality Control- Ground Effect
Vehicles, Motor Vehicles, Trailers, and
Cycles

H124 Quality Control- Tractors

H125	Quality Control- Vehicular Equipment Components	H142	Quality Control- Fire Fighting, Rescue, and Safety Equipment; Environmental Protection Equipment and Materials
H126	Quality Control- Tires and Tubes	H143	Quality Control- Pumps and Compressors
H128	Quality Control- Engines, Turbines, and Components	H144	Quality Control- Furnace, Steam Plant, and Drying Equipment; Nuclear Reactors
H129	Quality Control- Engine Accessories	H145	Quality Control- Plumbing, Heating, and Waste Disposal Equipment
H130	Quality Control- Mechanical Power Transmission Equipment	H146	Quality Control- Water Purification and Sewage Treatment Equipment
H131	Quality Control- Bearings	H147	Quality Control- Pipe, Tubing, Hose, and Fittings
H132	Quality Control- Woodworking Machinery and Equipment	H148	Quality Control- Valves
H134	Quality Control- Metalworking Machinery	H149	Quality Control- Maintenance and Repair Shop Equipment
H135	Quality Control- Service and Trade Equipment	H151	Quality Control- Hand Tools
H136	Quality Control- Special Industry Machinery	H152	Quality Control- Measuring Tools
H137	Quality Control- Agricultural Machinery and Equipment	H153	Quality Control- Hardware and Abrasives
H138	Quality Control- Construction, Mining, Excavating, and Highway Maintenance Equipment	H154	Quality Control- Prefabricated Structures and Scaffolding
H139	Quality Control- Materials Handling Equipment	H155	Quality Control- Lumber, Millwork, Plywood, and Veneer
H140	Quality Control- Rope, Cable, Chain, and Fittings	H156	Quality Control- Construction and Building Materials
H141	Quality Control- Refrigeration, Air Conditioning, and Air Circulating Equipment	H158	Quality Control- Communication, Detection, and Coherent Radiation Equipment

H159	Quality Control- Electrical and Electronic Equipment Components	H174	Quality Control- Office Machines, Text Processing Systems, and Visible Record Equipment
H160	Quality Control- Fiber Optics Materials, Components, Assemblies, and Accessories	H175	Quality Control- Office Supplies and Devices
H161	Quality Control- Electric Wire and Power Distribution Equipment	H176	Quality Control- Books, Maps, and Other Publications
H162	Quality Control- Lighting Fixtures and Lamps	H177	Quality Control- Musical Instruments, Phonographs, and Home Type Radios
H163	Quality Control- Alarm, Signal, and Security Detection Systems	H178	Quality Control- Recreational and Athletic Equipment
H165	Quality Control- Medical, Dental, and Veterinary Equipment and Supplies	H179	Quality Control- Cleaning Equipment and Supplies
H166	Quality Control- Instruments and Laboratory Equipment	H180	Quality Control- Brushes, Paints, Sealers, and Adhesives
H167	Quality Control- Photographic Equipment	H181	Quality Control- Containers, Packaging, and Packing Supplies
H168	Quality Control- Chemicals and Chemical Products	H183	Quality Control- Textiles, Leather, Furs, Apparel and Shoe Findings, Tents and Flags
H169	Quality Control- Training Aids and Devices	H184	Quality Control- Clothing, Individual Equipment, and Insignia
H170	Quality Control- Automatic Data Processing Equipment (Including Firmware), Software, Supplies and Support Equipment	H185	Quality Control- Toiletries
H171	Quality Control- Furniture	H187	Quality Control- Agricultural Supplies
H172	Quality Control- Household and Commercial Furnishings and Appliances	H188	Quality Control- Live Animals
H173	Quality Control- Food Preparation and Serving Equipment	H189	Quality Control- Subsistence
		H191	Quality Control- Fuels, Lubricants, Oils, and Waxes

H193 Quality Control- Nonmetallic Fabricated Materials

H194 Quality Control- Nonmetallic Crude Materials

H195 Quality Control- Metal Bars, Sheets, and Shapes

H196 Quality Control- Ores, Minerals, and Their Primary Products

H199 Quality Control- Miscellaneous

*Category H2
Equipment and Materials Testing*

H210 Equipment and Materials Testing- Weapons

H211 Equipment and Materials Testing- Nuclear Ordnance

H212 Equipment and Materials Testing- Fire Control Equipment

H213 Equipment and Materials Testing- Ammunition and Explosives

H214 Equipment and Materials Testing- Guided Missiles

H215 Equipment and Materials Testing- Aircraft and Airframe Structural Components

H216 Equipment and Materials Testing- Aircraft Components and Accessories

H217 Equipment and Materials Testing- Aircraft Launching, Landing, and Ground Handling Equipment

H218 Equipment and Materials Testing- Space Vehicles

H219 Equipment and Materials Testing- Ships, Small Craft, Pontoons, and Floating Docks

H220 Equipment and Materials Testing- Ship and Marine Equipment

H222 Equipment and Materials Testing- Railway Equipment

H223 Equipment and Materials Testing- Ground Effect Vehicles, Motor Vehicles, Trailers, and Cycles

H224 Equipment and Materials Testing- Tractors

H225 Equipment and Materials Testing- Vehicular Equipment Components

H226 Equipment and Materials Testing- Tires and Tubes

H228 Equipment and Materials Testing- Engines, Turbines, and Components

H229 Equipment and Materials Testing- Engine Accessories

H230 Equipment and Materials Testing- Mechanical Power Transmission Equipment

H231 Equipment and Materials Testing- Bearings

H232 Equipment and Materials Testing- Woodworking Machinery and Equipment

H234 Equipment and Materials Testing- Metalworking Machinery

H235 Equipment and Materials Testing- Service and Trade Equipment

H236	Equipment and Materials Testing-Special Industry Machinery	H249	Equipment and Materials Testing-Maintenance and Repair Shop Equipment
H237	Equipment and Materials Testing-Agricultural Machinery and Equipment	H251	Equipment and Materials Testing-Hand Tools
H238	Equipment and Materials Testing-Construction, Mining, Excavating, and Highway Maintenance Equipment	H252	Equipment and Materials Testing-Measuring Tools
H239	Equipment and Materials Testing-Materials Handling Equipment	H253	Equipment and Materials Testing-Hardware and Abrasives
H240	Equipment and Materials Testing-Rope, Cable, Chain, and Fittings	H254	Equipment and Materials Testing-Prefabricated Structures and Scaffolding
H241	Equipment and Materials Testing-Refrigeration, Air Conditioning, and Air Circulating Equipment	H255	Equipment and Materials Testing-Lumber, Millwork, Plywood, and Veneer
H242	Equipment and Materials Testing- Fire Fighting, Rescue, and Safety Equipment; Environmental Protection Equipment and Materials	H256	Equipment and Materials Testing-Construction and Building Materials
H243	Equipment and Materials Testing-Pumps and Compressors	H258	Equipment and Materials Testing-Communication, Detection, and Coherent Radiation Equipment
H244	Equipment and Materials Testing-Furnace, Steam Plant, and Drying Equipment; Nuclear Reactors	H259	Equipment and Materials Testing-Electrical and Electronic Equipment Components
H245	Equipment and Materials Testing-Plumbing, Heating, and Waste Disposal Equipment	H260	Equipment and Materials Testing-Fiber Optics Materials, Components, Assemblies, and Accessories
H246	Equipment and Materials Testing-Water Purification and Sewage Treatment Equipment	H261	Equipment and Materials Testing-Electric Wire and Power Distribution Equipment
H247	Equipment and Materials Testing-Pipe, Tubing, Hose, and Fittings	H262	Equipment and Materials Testing-Lighting Fixtures and Lamps
H248	Equipment and Materials Testing-Valves	H263	Equipment and Materials Testing-Alarm, Signal, and Security Detection Systems

H265	Equipment and Materials Testing-Medical, Dental, and Veterinary Equipment and Supplies	H278	Equipment and Materials Testing-Recreational and Athletic Equipment
H266	Equipment and Materials Testing-Instruments and Laboratory Equipment	H279	Equipment and Materials Testing-Cleaning Equipment and Supplies
H267	Equipment and Materials Testing-Photographic Equipment	H280	Equipment and Materials Testing-Brushes, Paints, Sealers, and Adhesives
H268	Equipment and Materials Testing-Chemicals and Chemical Products	H281	Equipment and Materials Testing-Containers, Packaging, and Packing Supplies
H269	Equipment and Materials Testing-Training Aids and Devices	H283	Equipment and Materials Testing-Textiles, Leather, Furs, Apparel and Shoe Findings, Tents and Flags
H270	Equipment and Materials Testing-Automatic Data Processing Equipment (Including Firmware), Software, Supplies and Support Equipment	H284	Equipment and Materials Testing-Clothing, Individual Equipment, and Insignia
H271	Equipment and Materials Testing-Furniture	H285	Equipment and Materials Testing-Toiletries
H272	Equipment and Materials Testing-Household and Commercial Furnishings and Appliances	H287	Equipment and Materials Testing-Agricultural Supplies
H273	Equipment and Materials Testing-Food Preparation and Serving Equipment	H288	Equipment and Materials Testing- Live Animals
H274	Equipment and Materials Testing-Office Machines, Text Processing Systems, and Visible Record Equipment	H289	Equipment and Materials Testing-Subsistence
H275	Equipment and Materials Testing-Office Supplies and Devices	H291	Equipment and Materials Testing-Fuels, Lubricants, Oils, and Waxes
H276	Equipment and Materials Testing-Books, Maps, and Other Publications	H293	Equipment and Materials Testing-Nonmetallic Fabricated Materials
H277	Equipment and Materials Testing-Musical Instruments, Phonographs, and Home Type Radios	H294	Equipment and Materials Testing-Nonmetallic Crude Materials
		H295	Equipment and Materials Testing-Metal Bars, Sheets, and Shapes

H296 Equipment and Materials Testing-
Ores, Minerals, and Their Primary
Products

H299 Equipment and Materials Testing-
Miscellaneous

*Category H3
Inspection*

H310 Inspection- Weapons

Includes: Commercial Testing and
Laboratory Services

Excludes: Medical and Dental
Laboratory Services

H311 Inspection- Nuclear Ordnance

Includes: Commercial Testing and
Laboratory Services

Excludes: Medical and Dental
Laboratory Services

H312 Inspection- Fire Control Equipment

Includes: Commercial Testing and
Laboratory Services

Excludes: Medical and Dental
Laboratory Services

H313 Inspection- Ammunition and Explosives

Includes: Commercial Testing and
Laboratory Services

Excludes: Medical and Dental
Laboratory Services

H314 Inspection- Guided Missiles

Includes: Commercial Testing and
Laboratory Services

Excludes: Medical and Dental
Laboratory Services

H315 Inspection- Aircraft and Airframe
Structural Components

Includes: Commercial Testing and
Laboratory Services

Excludes: Medical and Dental
Laboratory Services

H316 Inspection- Aircraft Components and
Accessories

Includes: Commercial Testing and
Laboratory Services

Excludes: Medical and Dental
Laboratory Services

H317 Inspection- Aircraft Launching,
Landing, and Ground Handling
Equipment

Includes: Commercial Testing and
Laboratory Services

Excludes: Medical and Dental
Laboratory Services

H318 Inspection- Space Vehicles

Includes: Commercial Testing and
Laboratory Services

Excludes: Medical and Dental
Laboratory Services

H319 Inspection- Ships, Small Craft,
Pontoon, and Floating Docks

Includes: Commercial Testing and
Laboratory Services

Excludes: Medical and Dental
Laboratory Services

H320 Inspection- Ship and Marine
Equipment

Includes: Commercial Testing and
Laboratory Services

Excludes: Medical and Dental
Laboratory Services

H322 Inspection- Railway Equipment
 Includes: Commercial Testing and Laboratory Services
 Excludes: Medical and Dental Laboratory Services

H323 Inspection- Ground Effect Vehicles, Motor Vehicles, Trailers, and Cycles
 Includes: Commercial Testing and Laboratory Services
 Excludes: Medical and Dental Laboratory Services

H324 Inspection- Tractors
 Includes: Commercial Testing and Laboratory Services
 Excludes: Medical and Dental Laboratory Services

H325 Inspection- Vehicular Equipment Components
 Includes: Commercial Testing and Laboratory Services
 Excludes: Medical and Dental Laboratory Services

H326 Inspection- Tires and Tubes
 Includes: Commercial Testing and Laboratory Services
 Excludes: Medical and Dental Laboratory Services

H328 Inspection- Engines, Turbines, and Components
 Includes: Commercial Testing and Laboratory Services
 Excludes: Medical and Dental Laboratory Services

H329 Inspection- Engine Accessories
 Includes: Commercial Testing and Laboratory Services
 Excludes: Medical and Dental Laboratory Services

H330 Inspection- Mechanical Power Transmission Equipment
 Includes: Commercial Testing and Laboratory Services
 Excludes: Medical and Dental Laboratory Services

H331 Inspection- Bearings
 Includes: Commercial Testing and Laboratory Services
 Excludes: Medical and Dental Laboratory Services

H332 Inspection- Woodworking Machinery and Equipment
 Includes: Commercial Testing and Laboratory Services
 Excludes: Medical and Dental Laboratory Services

H334 Inspection- Metalworking Machinery
 Includes: Commercial Testing and Laboratory Services
 Excludes: Medical and Dental Laboratory Services

H335 Inspection- Service and Trade Equipment
 Includes: Commercial Testing and Laboratory Services
 Excludes: Medical and Dental Laboratory Services

H336 Inspection- Special Industry Machinery
 Includes: Commercial Testing and Laboratory Services
 Excludes: Medical and Dental Laboratory Services

H337 Inspection- Agricultural Machinery and Equipment
 Includes: Commercial Testing and Laboratory Services
 Excludes: Medical and Dental Laboratory Services

H338 Inspection- Construction, Mining, Excavating, and Highway Maintenance Equipment
 Includes: Commercial Testing and Laboratory Services
 Excludes: Medical and Dental Laboratory Services

H339 Inspection- Materials Handling Equipment
 Includes: Commercial Testing and Laboratory Services
 Excludes: Medical and Dental Laboratory Services

H340 Inspection- Rope, Cable, Chain, and Fittings
 Includes: Commercial Testing and Laboratory Services
 Excludes: Medical and Dental Laboratory Services

H341 Inspection- Refrigeration, Air Conditioning, and Air Circulating Equipment
 Includes: Commercial Testing and Laboratory Services
 Excludes: Medical and Dental Laboratory Services

H342 Inspection- Fire Fighting, Rescue, and Safety Equipment; Environmental Protection Equipment and Materials
 Includes: Commercial Testing and Laboratory Services
 Excludes: Medical and Dental Laboratory Services

H343 Inspection- Pumps and Compressors
 Includes: Commercial Testing and Laboratory Services
 Excludes: Medical and Dental Laboratory Services

H344 Inspection- Furnace, Steam Plant, and Drying Equipment; Nuclear Reactors
 Includes: Commercial Testing and Laboratory Services
 Excludes: Medical and Dental Laboratory Services

H345 Inspection- Plumbing, Heating, and Waste Disposal Equipment
 Includes: Commercial Testing and Laboratory Services
 Excludes: Medical and Dental Laboratory Services

H346 Inspection- Water Purification and Sewage Treatment Equipment
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H347 Inspection- Pipe, Tubing, Hose, and Fittings
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H348 Inspection- Valves
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H349 Inspection- Maintenance and Repair Shop Equipment
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H351 Inspection- Hand Tools
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H352 Inspection- Measuring Tools
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H353 Inspection- Hardware and Abrasives
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H354 Inspection- Prefabricated Structures and Scaffolding
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H355 Inspection- Lumber, Millwork, Plywood, and Veneer
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H356 Inspection- Construction and Building Materials
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H358 Inspection- Communication, Detection, and Coherent Radiation Equipment
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H359 Inspection- Electrical and Electronic Equipment Components
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H360 Inspection- Fiber Optics Materials, Components, Assemblies, and Accessories

Includes: Commercial Testing and Laboratory Services

Excludes: Medical and Dental Laboratory Services

H361 Inspection- Electric Wire and Power Distribution Equipment

Includes: Commercial Testing and Laboratory Services

Excludes: Medical and Dental Laboratory Services

H362 Inspection- Lighting Fixtures and Lamps

Includes: Commercial Testing and Laboratory Services

Excludes: Medical and Dental Laboratory Services

H363 Inspection- Alarm, Signal, and Security Detection Systems

Includes: Commercial Testing and Laboratory Services

Excludes: Medical and Dental Laboratory Services

H365 Inspection- Medical, Dental, and Veterinary Equipment and Supplies

Includes: Commercial Testing and Laboratory Services

Excludes: Medical and Dental Laboratory Services

H366 Inspection- Instruments and Laboratory Equipment

Includes: Commercial Testing and Laboratory Services

Excludes: Medical and Dental Laboratory Services

H367 Inspection- Photographic Equipment

Includes: Commercial Testing and Laboratory Services

Excludes: Medical and Dental Laboratory Services

H368 Inspection- Chemicals and Chemical Products

Includes: Commercial Testing and Laboratory Services

Excludes: Medical and Dental Laboratory Services

H369 Inspection- Training Aids and Devices

Includes: Commercial Testing and Laboratory Services

Excludes: Medical and Dental Laboratory Services

H370 Inspection- Automatic Data Processing Equipment (Including Firmware), Software, Supplies and Support Equipment

Includes: Commercial Testing and Laboratory Services

Excludes: Medical and Dental Laboratory Services

H371 Inspection- Furniture

Includes: Commercial Testing and Laboratory Services

Excludes: Medical and Dental Laboratory Services

H372 Inspection- Household and Commercial Furnishings and Appliances
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H373 Inspection- Food Preparation and Serving Equipment
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H374 Inspection- Office Machines, Text Processing Systems, and Visible Record Equipment
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H375 Inspection- Office Supplies and Devices
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H376 Inspection- Books, Maps, and Other Publications
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H377 Inspection- Musical Instruments, Phonographs, and Home Type Radios
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H378 Inspection- Recreational and Athletic Equipment
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H379 Inspection- Cleaning Equipment and Supplies
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H380 Inspection- Brushes, Paints, Sealers, and Adhesives
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H381 Inspection- Containers, Packaging, and Packing Supplies
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H383 Inspection- Textiles, Leather, Furs, Apparel and Shoe Findings, Tents and Flags
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H384 Inspection- Clothing, Individual Equipment, and Insignia
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H385 Inspection- Toiletries
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H387 Inspection- Agricultural Supplies
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H388 Inspection- Live Animals
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H389 Inspection- Subsistence
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H391 Inspection- Fuels, Lubricants, Oils, and Waxes
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H393 Inspection- Nonmetallic Fabricated Materials
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H394 Inspection- Nonmetallic Crude Materials
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H395 Inspection- Metal Bars, Sheets, and Shapes
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H396 Inspection- Ores, Minerals, and Their Primary Products
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

H399 Inspection- Miscellaneous
Includes: Commercial Testing and Laboratory Services
Excludes: Medical and Dental Laboratory Services

Category H9

Other Quality Control, Testing, and Inspection

H910 Other Quality Control, Testing, and Inspection- Weapons

H911 Other Quality Control, Testing, and Inspection- Nuclear Ordnance

H912 Other Quality Control, Testing, and Inspection- Fire Control Equipment

H913 Other Quality Control, Testing, and Inspection- Ammunition and Explosives

H914 Other Quality Control, Testing, and Inspection- Guided Missiles

H915 Other Quality Control, Testing, and Inspection- Aircraft and Airframe Structural Components

H916 Other Quality Control, Testing, and Inspection- Aircraft Components and Accessories

H917 Other Quality Control, Testing, and Inspection- Aircraft Launching, Landing, and Ground Handling Equipment

H918 Other Quality Control, Testing, and Inspection- Space Vehicles

H919 Other Quality Control, Testing, and Inspection- Ships, Small Craft, Pontoons, and Floating Docks

H920 Other Quality Control, Testing, and Inspection- Ship and Marine Equipment

H922 Other Quality Control, Testing, and Inspection- Railway Equipment

H923 Other Quality Control, Testing, and Inspection- Ground Effect Vehicles, Motor Vehicles, Trailers, and Cycles

H924 Other Quality Control, Testing, and Inspection- Tractors

H925 Other Quality Control, Testing, and Inspection- Vehicular Equipment Components

H926 Other Quality Control, Testing, and Inspection- Tires and Tubes

H928 Other Quality Control, Testing, and Inspection- Engines, Turbines, and Components

H929 Other Quality Control, Testing, and Inspection- Engine Accessories

H930 Other Quality Control, Testing, and Inspection- Mechanical Power Transmission Equipment

H931 Other Quality Control, Testing, and Inspection- Bearings

H932 Other Quality Control, Testing, and Inspection- Woodworking Machinery and Equipment

H934 Other Quality Control, Testing, and Inspection- Metalworking Machinery

H935 Other Quality Control, Testing, and Inspection- Service and Trade Equipment

H936 Other Quality Control, Testing, and Inspection- Special Industry Machinery

H937 Other Quality Control, Testing, and Inspection- Agricultural Machinery and Equipment

H938 Other Quality Control, Testing, and Inspection- Construction, Mining, Excavating, and Highway Maintenance Equipment

H939 Other Quality Control, Testing, and Inspection- Materials Handling Equipment

H940 Other Quality Control, Testing, and Inspection- Rope, Cable, Chain, and Fittings

H941 Other Quality Control, Testing, and Inspection- Refrigeration, Air Conditioning, and Air Circulating Equipment

H942 Other Quality Control, Testing, and Inspection- Fire Fighting, Rescue, and Safety Equipment; Environmental Protection Equipment and Materials

H943 Other Quality Control, Testing, and Inspection- Pumps and Compressors

H944 Other Quality Control, Testing, and Inspection- Furnace, Steam Plant, and Drying Equipment; Nuclear Reactors

H945 Other Quality Control, Testing, and Inspection- Plumbing, Heating, and Waste Disposal Equipment

H946 Other Quality Control, Testing, and Inspection- Water Purification and Sewage Treatment Equipment

H947 Other Quality Control, Testing, and Inspection- Pipe, Tubing, Hose, and Fittings

H948 Other Quality Control, Testing, and Inspection- Valves

H949 Other Quality Control, Testing, and Inspection- Maintenance and Repair Shop Equipment

H951 Other Quality Control, Testing, and Inspection- Hand Tools

H952 Other Quality Control, Testing, and Inspection- Measuring Tools

H953 Other Quality Control, Testing, and Inspection- Hardware and Abrasives

H954 Other Quality Control, Testing, and Inspection- Prefabricated Structures and Scaffolding

H955 Other Quality Control, Testing, and Inspection- Lumber, Millwork, Plywood, and Veneer

H956 Other Quality Control, Testing, and Inspection- Construction and Building Materials

H958 Other Quality Control, Testing, and Inspection- Communication, Detection, and Coherent Radiation Equipment

H959 Other Quality Control, Testing, and Inspection- Electrical and Electronic Equipment Components

H960 Other Quality Control, Testing, and Inspection- Fiber Optics Materials, Components, Assemblies, and Accessories

H961 Other Quality Control, Testing, and Inspection- Electric Wire and Power Distribution Equipment

H962 Other Quality Control, Testing, and Inspection- Lighting Fixtures and Lamps

H963 Other Quality Control, Testing, and Inspection- Alarm, Signal, and Security Detection Systems

H965 Other Quality Control, Testing, and Inspection- Medical, Dental, and Veterinary Equipment and Supplies

H966 Other Quality Control, Testing, and Inspection- Instruments and Laboratory Equipment

H967 Other Quality Control, Testing, and Inspection- Photographic Equipment

H968 Other Quality Control, Testing, and Inspection- Chemicals and Chemical Products

H969 Other Quality Control, Testing, and Inspection- Training Aids and Devices

H970 Other Quality Control, Testing, and Inspection- Automatic Data Processing Equipment (Including Firmware), Software, Supplies and Support Equipment

H971 Other Quality Control, Testing, and Inspection- Furniture

H972 Other Quality Control, Testing, and Inspection- Household and Commercial Furnishings and Appliances

H973 Other Quality Control, Testing, and Inspection- Food Preparation and Serving Equipment

H974 Other Quality Control, Testing, and Inspection- Office Machines, Text Processing Systems, and Visible Record Equipment

H975 Other Quality Control, Testing, and Inspection- Office Supplies and Devices

H976 Other Quality Control, Testing, and Inspection- Books, Maps, and Other Publications

H977 Other Quality Control, Testing, and Inspection- Musical Instruments, Phonographs, and Home Type Radios

H978 Other Quality Control, Testing, and Inspection- Recreational and Athletic Equipment

H979 Other Quality Control, Testing, and Inspection- Cleaning Equipment and Supplies

H980 Other Quality Control, Testing, and Inspection- Brushes, Paints, Sealers, and Adhesives

H981 Other Quality Control, Testing, and Inspection- Containers, Packaging, and Packing Supplies

H983 Other Quality Control, Testing, and Inspection- Textiles, Leather, Furs, Apparel and Shoe Findings, Tents and Flags

H984 Other Quality Control, Testing, and Inspection- Clothing, Individual Equipment, and Insignia

H985 Other Quality Control, Testing, and Inspection- Toiletries

H987 Other Quality Control, Testing, and Inspection- Agricultural Supplies

H988 Other Quality Control, Testing, and Inspection- Live Animals

H989 Other Quality Control, Testing, and Inspection- Subsistence

H991 Other Quality Control, Testing, and Inspection- Fuels, Lubricants, Oils, and Waxes

H993 Other Quality Control, Testing, and Inspection- Nonmetallic Fabricated Materials

H994 Other Quality Control, Testing, and Inspection- Nonmetallic Crude Materials

- H995 Other Quality Control, Testing, and Inspection- Metal Bars, Sheets, and Shapes
- H996 Other Quality Control, Testing, and Inspection- Ores, Minerals, and Their Primary Products
- H999 Other Quality Control, Testing, and Inspection- Miscellaneous

**Category J
Maintenance, Repair, and Rebuilding of Equipment**

*Category J0
Maintenance, Repair, and Rebuilding of Equipment*

- J010 Maintenance, Repair, and Rebuilding of Equipment- Weapons
- J011 Maintenance, Repair, and Rebuilding of Equipment- Nuclear Ordnance
- J012 Maintenance, Repair, and Rebuilding of Equipment- Fire Control Equipment
- J013 Maintenance, Repair, and Rebuilding of Equipment- Ammunition and Explosives
- J014 Maintenance, Repair, and Rebuilding of Equipment- Guided Missiles
- J015 Maintenance, Repair, and Rebuilding of Equipment- Aircraft and Airframe Structural Components
- J016 Maintenance, Repair, and Rebuilding of Equipment- Aircraft Components and Accessories
- J017 Maintenance, Repair, and Rebuilding of Equipment- Aircraft Launching, Landing, and Ground Handling Equipment

- J018 Maintenance, Repair, and Rebuilding of Equipment- Space Vehicles
- J019 Maintenance, Repair, and Rebuilding of Equipment- Ships, Small Craft, Pontoons, and Floating Docks
- J020 Maintenance, Repair, and Rebuilding of Equipment- Ship and Marine Equipment
- J022 Maintenance, Repair, and Rebuilding of Equipment- Railway Equipment
- J023 Maintenance, Repair, and Rebuilding of Equipment- Ground Effect Vehicles, Motor Vehicles, Trailers, and Cycles
- J024 Maintenance, Repair, and Rebuilding of Equipment- Tractors
- J025 Maintenance, Repair, and Rebuilding of Equipment- Vehicular Equipment Components
- J026 Maintenance, Repair, and Rebuilding of Equipment- Tires and Tubes
- J028 Maintenance, Repair, and Rebuilding of Equipment- Engines, Turbines, and Components
- J029 Maintenance, Repair, and Rebuilding of Equipment- Engine Accessories
- J030 Maintenance, Repair, and Rebuilding of Equipment- Mechanical Power Transmission Equipment
- J031 Maintenance, Repair, and Rebuilding of Equipment- Bearings
- J032 Maintenance, Repair, and Rebuilding of Equipment- Woodworking Machinery and Equipment

J034 Maintenance, Repair, and Rebuilding of Equipment- Metalworking Machinery

J035 Maintenance, Repair, and Rebuilding of Equipment- Service and Trade Equipment

J036 Maintenance, Repair, and Rebuilding of Equipment- Special Industry Machinery

J037 Maintenance, Repair, and Rebuilding of Equipment- Agricultural Machinery and Equipment

J038 Maintenance, Repair, and Rebuilding of Equipment- Construction, Mining, Excavating, and Highway Maintenance Equipment

J039 Maintenance, Repair, and Rebuilding of Equipment- Materials Handling Equipment

J040 Maintenance, Repair, and Rebuilding of Equipment- Rope, Cable, Chain, and Fittings

J041 Maintenance, Repair, and Rebuilding of Equipment- Refrigeration, Air Conditioning, and Air Circulating Equipment

J042 Maintenance, Repair, and Rebuilding of Equipment- Fire Fighting, Rescue, and Safety Equipment; Environmental Protection Equipment and Materials

J043 Maintenance, Repair, and Rebuilding of Equipment- Pumps and Compressors

J044 Maintenance, Repair, and Rebuilding of Equipment- Furnace, Steam Plant, and Drying Equipment; Nuclear Reactors

J045 Maintenance, Repair, and Rebuilding of Equipment- Plumbing, Heating, and Waste Disposal Equipment

J046 Maintenance, Repair, and Rebuilding of Equipment- Water Purification and Sewage Treatment Equipment

J047 Maintenance, Repair, and Rebuilding of Equipment- Pipe, Tubing, Hose, and Fittings

J048 Maintenance, Repair, and Rebuilding of Equipment- Valves

J049 Maintenance, Repair, and Rebuilding of Equipment- Maintenance and Repair Shop Equipment

J051 Maintenance, Repair, and Rebuilding of Equipment- Hand Tools

J052 Maintenance, Repair, and Rebuilding of Equipment- Measuring Tools

J053 Maintenance, Repair, and Rebuilding of Equipment- Hardware and Abrasives

J054 Maintenance, Repair, and Rebuilding of Equipment- Prefabricated Structures and Scaffolding

J055 Maintenance, Repair, and Rebuilding of Equipment- Lumber, Millwork, Plywood, and Veneer

J056 Maintenance, Repair, and Rebuilding of Equipment- Construction and Building Materials

J058 Maintenance, Repair, and Rebuilding of Equipment- Communication, Detection, and Coherent Radiation Equipment

J059 Maintenance, Repair, and Rebuilding of Equipment- Electrical and Electronic Equipment Components

J060	Maintenance, Repair, and Rebuilding of Equipment- Fiber Optics Materials, Components, Assemblies, and Accessories	J072	Maintenance, Repair, and Rebuilding of Equipment- Household and Commercial Furnishings and Appliances
J061	Maintenance, Repair, and Rebuilding of Equipment- Electric Wire and Power Distribution Equipment	J073	Maintenance, Repair, and Rebuilding of Equipment- Food Preparation and Serving Equipment
J062	Maintenance, Repair, and Rebuilding of Equipment- Lighting Fixtures and Lamps	J074	Maintenance, Repair, and Rebuilding of Equipment- Office Machines, Text Processing Systems, and Visible Record Equipment
J063	Maintenance, Repair, and Rebuilding of Equipment- Alarm, Signal, and Security Detection Systems	J075	Maintenance, Repair, and Rebuilding of Equipment- Office Supplies and Devices
J065	Maintenance, Repair, and Rebuilding of Equipment- Medical, Dental, and Veterinary Equipment and Supplies	J076	Maintenance, Repair, and Rebuilding of Equipment- Books, Maps, and Other Publications
J066	Maintenance, Repair, and Rebuilding of Equipment- Instruments and Laboratory Equipment	J077	Maintenance, Repair, and Rebuilding of Equipment- Musical Instruments, Phonographs, and Home Type Radios
J067	Maintenance, Repair, and Rebuilding of Equipment- Photographic Equipment	J078	Maintenance, Repair, and Rebuilding of Equipment- Recreational and Athletic Equipment
J068	Maintenance, Repair, and Rebuilding of Equipment- Chemicals and Chemical Products	J079	Maintenance, Repair, and Rebuilding of Equipment- Cleaning Equipment and Supplies
J069	Maintenance, Repair, and Rebuilding of Equipment- Training Aids and Devices	J080	Maintenance, Repair, and Rebuilding of Equipment- Brushes, Paints, Sealers, and Adhesives
J070	Maintenance, Repair, and Rebuilding of Equipment- Automatic Data Processing Equipment (Including Firmware), Software, Supplies and Support Equipment	J081	Maintenance, Repair, and Rebuilding of Equipment- Containers, Packaging, and Packing Supplies
J071	Maintenance, Repair, and Rebuilding of Equipment- Furniture	J083	Maintenance, Repair, and Rebuilding of Equipment- Textiles, Leather, Furs, Apparel and Shoe Findings, Tents and Flags

J084 Maintenance, Repair, and Rebuilding of Equipment- Clothing, Individual Equipment, and Insignia

J085 Maintenance, Repair, and Rebuilding of Equipment- Toiletries

J087 Maintenance, Repair, and Rebuilding of Equipment- Agricultural Supplies

J088 Maintenance, Repair, and Rebuilding of Equipment- Live Animals

J089 Maintenance, Repair, and Rebuilding of Equipment- Subsistence

J091 Maintenance, Repair, and Rebuilding of Equipment- Fuels, Lubricants, Oils, and Waxes

J093 Maintenance, Repair, and Rebuilding of Equipment- Nonmetallic Fabricated Materials

J094 Maintenance, Repair, and Rebuilding of Equipment- Nonmetallic Crude Materials

J095 Maintenance, Repair, and Rebuilding of Equipment- Metal Bars, Sheets, and Shapes

J096 Maintenance, Repair, and Rebuilding of Equipment- Ores, Minerals, and Their Primary Products

J099 Maintenance, Repair, and Rebuilding of Equipment- Miscellaneous

Category J9

Non-Nuclear Ship Repair

J998 Non-Nuclear Ship Repair (East)

Includes: Ship Repair (Including Overhauls and Conversions) Performed On Non-Nuclear Propelled and Nonpropelled Ships East of The 108th Meridian

J999 Non-Nuclear Ship Repair (West)

Includes: Ship Repair (Including Overhauls and Conversions) Performed On Non-Nuclear Propelled and Nonpropelled Ships West of The 108th Meridian

**Category K
Modification of Equipment**

Category K0

Modification of Equipment

K010 Modification of Equipment- Weapons

K011 Modification of Equipment- Nuclear Ordnance

K012 Modification of Equipment- Fire Control Equipment

K013 Modification of Equipment- Ammunition and Explosives

K014 Modification of Equipment- Guided Missiles

K015 Modification of Equipment- Aircraft and Airframe Structural Components

K016 Modification of Equipment- Aircraft Components and Accessories

K017 Modification of Equipment- Aircraft Launching, Landing, and Ground Handling Equipment

K018 Modification of Equipment- Space Vehicles

K019 Modification of Equipment- Ships, Small Craft, Pontoons, and Floating Docks

K020 Modification of Equipment- Ship and Marine Equipment

K022	Modification of Equipment- Railway Equipment	K039	Modification of Equipment- Materials Handling Equipment
K023	Modification of Equipment- Ground Effect Vehicles, Motor Vehicles, Trailers, and Cycles	K040	Modification of Equipment- Rope, Cable, Chain, and Fittings
K024	Modification of Equipment- Tractors	K041	Modification of Equipment- Refrigeration, Air Conditioning, and Air Circulating Equipment
K025	Modification of Equipment- Vehicular Equipment Components	K042	Modification of Equipment- Fire Fighting, Rescue, and Safety Equipment; Environmental Protection Equipment and Materials
K026	Modification of Equipment- Tires and Tubes	K043	Modification of Equipment- Pumps and Compressors
K028	Modification of Equipment- Engines, Turbines, and Components	K044	Modification of Equipment- Furnace, Steam Plant, and Drying Equipment; Nuclear Reactors
K029	Modification of Equipment- Engine Accessories	K045	Modification of Equipment- Plumbing, Heating, and Waste Disposal Equipment
K030	Modification of Equipment- Mechanical Power Transmission Equipment	K046	Modification of Equipment- Water Purification and Sewage Treatment Equipment
K031	Modification of Equipment- Bearings	K047	Modification of Equipment- Pipe, Tubing, Hose, and Fittings
K032	Modification of Equipment- Woodworking Machinery and Equipment	K048	Modification of Equipment- Valves
K034	Modification of Equipment- Metalworking Machinery	K049	Modification of Equipment- Maintenance and Repair Shop Equipment
K035	Modification of Equipment- Service and Trade Equipment	K051	Modification of Equipment- Hand Tools
K036	Modification of Equipment- Special Industry Machinery	K052	Modification of Equipment- Measuring Tools
K037	Modification of Equipment- Agricultural Machinery and Equipment	K053	Modification of Equipment- Hardware and Abrasives
K038	Modification of Equipment- Construction, Mining, Excavating, and Highway Maintenance Equipment		

K054	Modification of Equipment- Prefabricated Structures and Scaffolding	K070	Modification of Equipment- Automatic Data Processing Equipment (Including Firmware), Software, Supplies and Support Equipment
K055	Modification of Equipment- Lumber, Millwork, Plywood, and Veneer	K071	Modification of Equipment- Furniture
K056	Modification of Equipment- Construction and Building Materials	K072	Modification of Equipment- Household and Commercial Furnishings and Appliances
K058	Modification of Equipment- Communication, Detection, and Coherent Radiation Equipment	K073	Modification of Equipment- Food Preparation and Serving Equipment
K059	Modification of Equipment- Electrical and Electronic Equipment Components	K074	Modification of Equipment- Office Machines, Text Processing Systems, and Visible Record Equipment
K060	Modification of Equipment- Fiber Optics Materials, Components, Assemblies, and Accessories	K075	Modification of Equipment- Office Supplies and Devices
K061	Modification of Equipment- Electric Wire and Power Distribution Equipment	K076	Modification of Equipment- Books, Maps, and Other Publications
K062	Modification of Equipment- Lighting Fixtures and Lamps	K077	Modification of Equipment- Musical Instruments, Phonographs, and Home Type Radios
K063	Modification of Equipment- Alarm, Signal, and Security Detection Systems	K078	Modification of Equipment- Recreational and Athletic Equipment
K065	Modification of Equipment- Medical, Dental, and Veterinary Equipment and Supplies	K079	Modification of Equipment- Cleaning Equipment and Supplies
K066	Modification of Equipment- Instruments and Laboratory Equipment	K080	Modification of Equipment- Brushes, Paints, Sealers, and Adhesives
K067	Modification of Equipment- Photographic Equipment	K081	Modification of Equipment- Containers, Packaging, and Packing Supplies
K068	Modification of Equipment- Chemicals and Chemical Products	K083	Modification of Equipment- Textiles, Leather, Furs, Apparel and Shoe Findings, Tents and Flags
K069	Modification of Equipment- Training Aids and Devices	K084	Modification of Equipment- Clothing, Individual Equipment, and Insignia

K085 Modification of Equipment- Toiletries

K087 Modification of Equipment- Agricultural Supplies

K088 Modification of Equipment- Live Animals

K089 Modification of Equipment- Subsistence

K091 Modification of Equipment- Fuels, Lubricants, Oils, and Waxes

K093 Modification of Equipment- Nonmetallic Fabricated Materials

K094 Modification of Equipment- Nonmetallic Crude Materials

K095 Modification of Equipment- Metal Bars, Sheets, and Shapes

K096 Modification of Equipment- Ores, Minerals, and Their Primary Products

K099 Modification of Equipment- Miscellaneous

**Category L
Technical Representative**

*Category L0
Technical Representative*

L010 Technical Representative- Weapons

L011 Technical Representative- Nuclear Ordnance

L012 Technical Representative- Fire Control Equipment

L013 Technical Representative- Ammunition and Explosives

L014 Technical Representative- Guided Missiles

L015 Technical Representative- Aircraft and Airframe Structural Components

L016 Technical Representative- Aircraft Components and Accessories

L017 Technical Representative- Aircraft Launching, Landing, and Ground Handling Equipment

L018 Technical Representative- Space Vehicles

L019 Technical Representative- Ships, Small Craft, Pontoons, and Floating Docks

L020 Technical Representative- Ship and Marine Equipment

L022 Technical Representative- Railway Equipment

L023 Technical Representative- Ground Effect Vehicles, Motor Vehicles, Trailers, and Cycles

L024 Technical Representative- Tractors

L025 Technical Representative- Vehicular Equipment Components

L026 Technical Representative- Tires and Tubes

L028 Technical Representative- Engines, Turbines, and Components

L029 Technical Representative- Engine Accessories

L030 Technical Representative- Mechanical Power Transmission Equipment

L031	Technical Representative- Bearings	L046	Technical Representative- Water Purification and Sewage Treatment Equipment
L032	Technical Representative- Woodworking Machinery and Equipment	L047	Technical Representative- Pipe, Tubing, Hose, and Fittings
L034	Technical Representative- Metalworking Machinery	L048	Technical Representative- Valves
L035	Technical Representative- Service and Trade Equipment	L049	Technical Representative- Maintenance and Repair Shop Equipment
L036	Technical Representative- Special Industry Machinery	L051	Technical Representative- Hand Tools
L037	Technical Representative- Agricultural Machinery and Equipment	L052	Technical Representative- Measuring Tools
L038	Technical Representative- Construction, Mining, Excavating, and Highway Maintenance Equipment	L053	Technical Representative- Hardware and Abrasives
L039	Technical Representative- Materials Handling Equipment	L054	Technical Representative- Prefabricated Structures and Scaffolding
L040	Technical Representative- Rope, Cable, Chain, and Fittings	L055	Technical Representative- Lumber, Millwork, Plywood, and Veneer
L041	Technical Representative- Refrigeration, Air Conditioning, and Air Circulating Equipment	L056	Technical Representative- Construction and Building Materials
L042	Technical Representative- Fire Fighting, Rescue, and Safety Equipment; Environmental Protection Equipment and Materials	L058	Technical Representative- Communication, Detection, and Coherent Radiation Equipment
L043	Technical Representative- Pumps and Compressors	L059	Technical Representative- Electrical and Electronic Equipment Components
L044	Technical Representative- Furnace, Steam Plant, and Drying Equipment; Nuclear Reactors	L060	Technical Representative- Fiber Optics Materials, Components, Assemblies, and Accessories
L045	Technical Representative- Plumbing, Heating, and Waste Disposal Equipment	L061	Technical Representative- Electric Wire and Power Distribution Equipment

L062	Technical Representative- Lighting Fixtures and Lamps	L077	Technical Representative- Musical Instruments, Phonographs, and Home Type Radios
L063	Technical Representative- Alarm, Signal, and Security Detection Systems	L078	Technical Representative- Recreational and Athletic Equipment
L065	Technical Representative- Medical, Dental, and Veterinary Equipment and Supplies	L079	Technical Representative- Cleaning Equipment and Supplies
L066	Technical Representative- Instruments and Laboratory Equipment	L080	Technical Representative- Brushes, Paints, Sealers, and Adhesives
L067	Technical Representative- Photographic Equipment	L081	Technical Representative- Containers, Packaging, and Packing Supplies
L068	Technical Representative- Chemicals and Chemical Products	L083	Technical Representative- Textiles, Leather, Furs, Apparel and Shoe Findings, Tents and Flags
L069	Technical Representative- Training Aids and Devices	L084	Technical Representative- Clothing, Individual Equipment, and Insignia
L070	Technical Representative- Automatic Data Processing Equipment (Including Firmware), Software, Supplies and Support Equipment	L085	Technical Representative- Toiletries
L071	Technical Representative- Furniture	L087	Technical Representative- Agricultural Supplies
L072	Technical Representative- Household and Commercial Furnishings and Appliances	L088	Technical Representative- Live Animals
L073	Technical Representative- Food Preparation and Serving Equipment	L089	Technical Representative- Subsistence
L074	Technical Representative- Office Machines, Text Processing Systems, and Visible Record Equipment	L091	Technical Representative- Fuels, Lubricants, Oils, and Waxes
L075	Technical Representative- Office Supplies and Devices	L093	Technical Representative- Nonmetallic Fabricated Materials
L076	Technical Representative- Books, Maps, and Other Publications	L094	Technical Representative- Nonmetallic Crude Materials
		L095	Technical Representative- Metal Bars, Sheets, and Shapes

L096 Technical Representative- Ores,
Minerals, and Their Primary Products

L099 Technical Representative-
Miscellaneous

Category M
Operation of Structures/Facilities

Category M1
Operation of Structures and Facilities

M1AA Operation of Office Buildings

M1AB Operation of Conference Space and
Facilities

M1AZ Operation of Other Administrative
Facilities and Service Buildings

M1BA Operation of Air Traffic Control Towers

M1BB Operation of Air Traffic Control Training
Facilities

M1BC Operation of Radar and Navigational
Facilities

M1BD Operation of Airport Runways and
Taxiways

M1BE Operation of Airport Terminals

M1BF Operation of Missile System Facilities

M1BG Operation of Electronic and
Communications Facilities

M1BZ Operation of Other Airfield Structures

M1CA Operation of Schools

M1CZ Operation of Other Educational
Buildings

M1DA Operation of Hospitals and Infirmaries

M1DB Operation of Laboratories and Clinics

M1DZ Operation of Other Hospital Buildings

M1EA Operation of Ammunition Facilities

M1EB Operation of Maintenance Buildings

M1EC Operation of Production Buildings

M1ED Operation of Ship Construction and
Repair Facilities

M1EE Operation of Tank Automotive Facilities

M1EZ Operation of Other Industrial Buildings

M1FA Operation of Family Housing Facilities

M1FB Operation of Recreational Buildings

M1FC Operation of Troop Housing Facilities

M1FD Operation of Dining Facilities

M1FE Operation of Religious Facilities

M1FF Operation of Penal Facilities

M1FZ Operation of Other Residential
Buildings

M1GA Operation of Ammunition Storage
Buildings

M1GB Operation of Food or Grain Storage
Buildings

M1GC	Operation of Fuel Storage Buildings	M1KF	Operation of Dredging Facilities
M1GD	Operation of Open Storage Facilities	M1KZ	Operation of Other Conservation and Development Facilities
M1GZ	Operation of Other Warehouse Buildings	M1LA	Operation of Airport Service Roads
M1HA	Operation of Government-Owned Contractor-Operated (GOCO) R&D Facilities	M1LB	Operation of Highways, Roads, Streets, Bridges, and Railways Includes: Resurfacing
M1HB	Operation of Government-Owned Government-Operated (GOGO) R&D Facilities	M1LC	Operation of Tunnels and Subsurface Structures
M1HC	Operation of Government-Owned Contractor-Operated (GOCO) Environmental Laboratories	M1LZ	Operation of Parking Facilities
M1HZ	Operation of Government-Owned Government-Operated (GOGO) Environmental Laboratories	M1MA	Operation of EPG Facilities - Coal
M1JA	Operation of Museums and Exhibition Buildings	M1MB	Operation of EPG Facilities - Gas
M1JB	Operation of Testing and Measurement Buildings	M1MC	Operation of EPG Facilities - Geothermal
M1JZ	Operation of Miscellaneous Buildings	M1MD	Operation of EPG Facilities - Hydro
M1KA	Operation of Dams	M1ME	Operation of EPG Facilities - Nuclear
M1KB	Operation of Canals	M1MF	Operation of EPG Facilities - Petroleum
M1KC	Operation of Mine Fire Control Facilities	M1MG	Operation of EPG Facilities - Solar
M1KD	Operation of Mine Subsidence Control Facilities	M1MH	Operation of EPG Facilities - Wind
M1KE	Operation of Surface Mine Reclamation Facilities	M1MZ	Operation of EPG Facilities - Other, Including Transmission
		M1NA	Operation of Fuel Supply Facilities
		M1NB	Operation of Heating and Cooling Plants

M1NC Operation of Pollution Abatement and Control Facilities

M1ND Operation of Sewage and Waste Facilities

M1NE Operation of Water Supply Facilities

M1NZ Operation of Other Utilities

M1PA Operation of Recreation Facilities (Non-Building)

M1PB Operation of Exhibit Design (Non-Building)

M1PC Operation of Unimproved Real Property (Land)

M1PD Operation of Waste Treatment and Storage Facilities

M1PZ Operation of Other Non-Building Facilities

M1QA Operation of Restoration of Real Property (Public or Private)
Includes: All Actions Necessary to Restore, Rehabilitate, or Reclaim Property

**Category N
Installation of Equipment**

*Category NO
Installation of Equipment*

N010 Installation of Equipment- Weapons

N011 Installation of Equipment- Nuclear Ordnance

N012 Installation of Equipment- Fire Control Equipment

N013 Installation of Equipment- Ammunition and Explosives

N014 Installation of Equipment- Guided Missiles

N015 Installation of Equipment- Aircraft and Airframe Structural Components

N016 Installation of Equipment- Aircraft Components and Accessories

N017 Installation of Equipment- Aircraft Launching, Landing, and Ground Handling Equipment

N018 Installation of Equipment- Space Vehicles

N019 Installation of Equipment- Ships, Small Craft, Pontoons, and Floating Docks

N020 Installation of Equipment- Ship and Marine Equipment

N022 Installation of Equipment- Railway Equipment

N023 Installation of Equipment- Ground Effect Vehicles, Motor Vehicles, Trailers, and Cycles

N024 Installation of Equipment- Tractors

N025 Installation of Equipment- Vehicular Equipment Components

N026 Installation of Equipment- Tires and Tubes

N028 Installation of Equipment- Engines, Turbines, and Components

N029 Installation of Equipment- Engine Accessories

N030	Installation of Equipment- Mechanical Power Transmission Equipment	N045	Installation of Equipment- Plumbing, Heating, and Waste Disposal Equipment
N031	Installation of Equipment- Bearings	N046	Installation of Equipment- Water Purification and Sewage Treatment Equipment
N032	Installation of Equipment- Woodworking Machinery and Equipment	N047	Installation of Equipment- Pipe, Tubing, Hose, and Fittings
N034	Installation of Equipment- Metalworking Machinery	N048	Installation of Equipment- Valves
N035	Installation of Equipment- Service and Trade Equipment	N049	Installation of Equipment- Maintenance and Repair Shop Equipment
N036	Installation of Equipment- Special Industry Machinery	N051	Installation of Equipment- Hand Tools
N037	Installation of Equipment- Agricultural Machinery and Equipment	N052	Installation of Equipment- Measuring Tools
N038	Installation of Equipment- Construction, Mining, Excavating, and Highway Maintenance Equipment	N053	Installation of Equipment- Hardware and Abrasives
N039	Installation of Equipment- Materials Handling Equipment	N054	Installation of Equipment- Prefabricated Structures and Scaffolding
N040	Installation of Equipment- Rope, Cable, Chain, and Fittings	N055	Installation of Equipment- Lumber, Millwork, Plywood, and Veneer
N041	Installation of Equipment- Refrigeration, Air Conditioning, and Air Circulating Equipment	N056	Installation of Equipment- Construction and Building Materials
N042	Installation of Equipment- Fire Fighting, Rescue, and Safety Equipment; Environmental Protection Equipment and Materials	N058	Installation of Equipment- Communication, Detection, and Coherent Radiation Equipment
N043	Installation of Equipment- Pumps and Compressors	N059	Installation of Equipment- Electrical and Electronic Equipment Components
N044	Installation of Equipment- Furnace, Steam Plant, and Drying Equipment; Nuclear Reactors	N060	Installation of Equipment- Fiber Optics Materials, Components, Assemblies, and Accessories

N061	Installation of Equipment- Electric Wire and Power Distribution Equipment	N076	Installation of Equipment- Books, Maps, and Other Publications
N062	Installation of Equipment- Lighting Fixtures and Lamps	N077	Installation of Equipment- Musical Instruments, Phonographs, and Home Type Radios
N063	Installation of Equipment- Alarm, Signal, and Security Detection Systems	N078	Installation of Equipment- Recreational and Athletic Equipment
N065	Installation of Equipment- Medical, Dental, and Veterinary Equipment and Supplies	N079	Installation of Equipment- Cleaning Equipment and Supplies
N066	Installation of Equipment- Instruments and Laboratory Equipment	N080	Installation of Equipment- Brushes, Paints, Sealers, and Adhesives
N067	Installation of Equipment- Photographic Equipment	N081	Installation of Equipment- Containers, Packaging, and Packing Supplies
N068	Installation of Equipment- Chemicals and Chemical Products	N083	Installation of Equipment- Textiles, Leather, Furs, Apparel and Shoe Findings, Tents and Flags
N069	Installation of Equipment- Training Aids and Devices	N084	Installation of Equipment- Clothing, Individual Equipment, and Insignia
N070	Installation of Equipment- Automatic Data Processing Equipment (Including Firmware), Software, Supplies and Support Equipment	N085	Installation of Equipment- Toiletries
N071	Installation of Equipment- Furniture	N087	Installation of Equipment- Agricultural Supplies
N072	Installation of Equipment- Household and Commercial Furnishings and Appliances	N088	Installation of Equipment- Live Animals
N073	Installation of Equipment- Food Preparation and Serving Equipment	N089	Installation of Equipment- Subsistence
N074	Installation of Equipment- Office Machines, Text Processing Systems, and Visible Record Equipment	N091	Installation of Equipment- Fuels, Lubricants, Oils, and Waxes
N075	Installation of Equipment- Office Supplies and Devices	N093	Installation of Equipment- Nonmetallic Fabricated Materials
		N094	Installation of Equipment- Nonmetallic Crude Materials

N095 Installation of Equipment- Metal Bars, Sheets, and Shapes

N096 Installation of Equipment- Ores, Minerals, and Their Primary Products

N099 Installation of Equipment- Miscellaneous

**Category P
Salvage**

*Category P1
Salvage- Disposal of Excess/Surplus Property*

P100 Salvage- Preparation and Disposal of Excess/Surplus Property

*Category P2
Salvage- Aircraft*

P200 Salvage- Aircraft

*Category P3
Salvage- Marine Vessels*

P300 Salvage- Marine Vessels

*Category P4
Salvage- Demolition of Buildings*

P400 Salvage- Demolition of Buildings

*Category P5
Salvage- Demolition of Structures/Facilities*

P500 Salvage- Demolition of Structures/Facilities (Other Than Buildings)

*Category P9
Salvage- Other*

P999 Salvage- Other

**Category Q
Medical**

*Category Q1
Medical- Dependent Medicare*

Q101 Medical- Dependent Medicare

*Category Q2
Medical- General Health Care*

Q201 Medical- General Health Care

*Category Q3
Medical- Laboratory Testing*

Q301 Medical- Laboratory Testing

*Category Q4
Medical- Nursing/Nursing Home/Evaluation/Screening*

Q401 Medical- Nursing

Q402 Medical- Nursing Home Care Contracts

Q403 Medical- Evaluation/Screening

*Category Q5
Medical- Medical/Dental/Surgical*

Q501 Medical- Anesthesiology

Q502 Medical- Cardio-Vascular

Q503 Medical- Dentistry

Q504 Medical- Dermatology

Q505 Medical- Gastroenterology

Q506 Medical- Geriatric

Q507 Medical- Gynecology

Q508 Medical- Hematology

Q509 Medical- Internal Medicine

Q510 Medical- Neurology

Q511 Medical- Ophthalmology

Q512 Medical- Optometry

Q513 Medical- Orthopedic

Q514 Medical- Otolaryngology

Q515 Medical- Pathology

Q516 Medical- Pediatric

Q517 Medical- Pharmacology

Q518 Medical- Physical
Medicine/Rehabilitation

Q519 Medical- Psychiatry

Q520 Medical- Podiatry

Q521 Medical- Pulmonary

Q522 Medical- Radiology

Q523 Medical- Surgery

Q524 Medical- Thoracic

Q525 Medical- Urology

Q526 Medical- Medical/Psychiatric
Consultation

Q527 Medical- Nuclear Medicine

*Category Q9
Medical- Other*

Q999 Medical- Other

**Category R
Support
(Professional/Administrative/Management)**

*Category R4
Support- Professional*

R401 Support- Professional: Personal Care
(Non-Medical)

Includes: Barber and Beauty Shop,
Shoe Repairs, Tailoring

Excludes: Medical Services (PSC Q)

R402 Support- Professional: Real Estate
Brokerage

R404 Support- Professional: Land Surveys-
Cadastral (Non-Construction)

R405 Support- Professional: Operations
Research/Quantitative Analysis

R406 Support- Professional: Policy
Review/Development

R408 Support- Professional: Program
Management/Support

Includes: Situations Where The
Contractor Is Solely Responsible for
Program Management As Well As
Situations Where The Contractor
Provides Program Management
Support to A Government Program
Manager

Excludes: Program
Evaluation/Review/Development (PSC
R410),
Contract/Procurement/Acquisition
Support (PSC R707)

R410 Support- Professional: Program
Evaluation/Review/Development

Excludes: Program
Management/Support (PSC R408),
Contract/Procurement/Acquisition
Support (PSC R707)

R411 Support- Professional: Real Property Appraisals

R412 Support- Professional: Simulation

R413 Support- Professional: Specifications Development

R415 Support- Professional: Technology Sharing/Utilization

R416 Support- Professional: Veterinary/Animal Care

R418 Support- Professional: Legal
Includes: Attorney Services, Such As Testimony Preparation; Adjudication; Arbitration; Mediation

Excludes: Environmental Legal Support (PSC F115), Expert Witness (PSC R424), Court Reporting (PSC R606)

R420 Support- Professional: Certifications and Accreditations (Other Than Educational Institutions or Info Tech C&A)

Excludes: Educational Institutions and Information Technology Certifications and Accreditations

R422 Support- Professional: Market Research/Public Opinion

Includes: Telephone and Field Interviews, Focus Testing, and Surveys

R423 Support- Professional: Intelligence

R424 Support- Professional: Expert Witness

R425 Support- Professional: Engineering/Technical

Includes: Systems Engineering, Technical Assistance, and Other Services Used to Support The Program Office During The Acquisition Cycle

R426 Support- Professional: Communications

Excludes: Language Translation and Sign Language Interpretation (PSC R608)

R427 Support- Professional: Weather Reporting/Observation

R428 Support- Professional: Industrial Hygienics

R429 Support- Professional: Emergency Response, Disaster Planning, and Preparedness Support

R430 Support- Professional: Physical Security and Badging

R431 Support- Professional: Human Resources

R497 Support- Professional: Personal Services Contracts

R498 Support- Professional: Patent and Trademark

R499 Support- Professional: Other

*Category R6
Support- Administrative*

R602 Support- Administrative: Courier/Messenger

R603 Support- Administrative: Transcription

Excludes: Court Reporting (PSC R606), Stenographic (PSC R609)

R604 Support- Administrative: Mailing/Distribution
Excludes: Courier/Messenger (PSC R602)

R605 Support- Administrative: Library

R606 Support- Administrative: Court Reporting
Excludes: Transcription (PSC R603), Stenographic (PSC R609)

R607 Support- Administrative: Word Processing/Typing

R608 Support- Administrative: Translation and Interpreting
Includes: Language Translation; Sign Language Interpretation

R609 Support- Administrative: Stenographic
Excludes: Court Reporting (PSC R606), Transcription (PSC R603)

R610 Support- Administrative:- Personal Property Management

R611 Support- Administrative: Credit Reporting

R612 Support- Administrative: Information Retrieval
Includes: Services Related to Search and Storage of Text, Images, Video, and Other Such Data

R613 Support- Administrative: Post Office

R614 Support- Administrative: Paper Shredding

R615 Support- Administrative: Background Investigation

R699 Support- Administrative: Other

Category R7
Support- Management

R701 Support- Management: Advertising

R702 Support- Management: Data Collection
Excludes: Market Research/Public Opinion, to Include Telephone and Field Interviews, Focus Testing, and Surveys (PSC R422)

R703 Support- Management: Accounting

R704 Support- Management: Auditing

R705 Support- Management: Debt Collection

R706 Support- Management: Logistics Support

R707 Support- Management: Contract/Procurement/Acquisition Support

R708 Support- Management: Public Relations
Includes: Writing Services, Event Planning and Management, Media Relations, Radio and Television Analysis, Press Services

R710 Support- Management: Financial
Includes: Credit Card Services

R711 Support- Management: Banking
Includes: Accepting and Cashing Government Checks and Other Payment Instruments, Accepting Direct Deposits, Accepting Payments to The Government From The Public

R712 Support- Management: Coin Minting

R713 Support- Management: Banknote Printing

R799 Support- Management: Other

**Category S
Utilities and Housekeeping**

*Category S1
Utilities*

S111 Utilities- Gas

S112 Utilities- Electric

S114 Utilities- Water

S119 Utilities- Other

*Category S2
Housekeeping*

S201 Housekeeping- Custodial Janitorial

S202 Housekeeping- Fire Protection

S203 Housekeeping- Food

S204 Housekeeping- Fueling and Other Petroleum
Excludes: Storage

S205 Housekeeping- Trash/Garbage Collection
Includes: Portable Sanitation Services

S206 Housekeeping- Guard

S207 Housekeeping- Insect/Rodent Control

S208 Housekeeping- Landscaping/Groundskeeping

S209 Housekeeping- Laundry/Drycleaning

S211 Housekeeping- Surveillance

S212 Housekeeping- Solid Fuel Handling

S214 Housekeeping- Carpet Laying/Cleaning

S215 Housekeeping- Warehousing/Storage

S216 Housekeeping- Facilities Operations Support

S217 Housekeeping- Interior Landscaping

S218 Housekeeping- Snow Removal/Salt
Includes: Spreading Aggregate or Other Snow Melting Material

S222 Housekeeping- Waste Treatment/Storage

S299 Housekeeping- Other

**Category T
Photo/Map/Print/Publication**

*Category T0
Photo/Map/Print/Publication*

T001 Photo/Map/Print/Publication- Arts/Graphics
Includes: Graphic Design Services

T002 Photo/Map/Print/Publication- Cartography

T003 Photo/Map/Print/Publication- Cataloging

T004	Photo/Map/Print/Publication- Charting	U002	Education/Training- Personnel Testing
T005	Photo/Map/Print/Publication- Film Processing	U003	Education/Training- Reserve Training (Military)
T006	Photo/Map/Print/Publication- Film/Video Tape Production	U004	Education/Training- Scientific/Management
T007	Photo/Map/Print/Publication- Microform	U005	Education/Training- Tuition/Registration/Membership Fees
T008	Photo/Map/Print/Publication- Photogrammetry	U006	Education/Training- Vocational/Technical
T009	Photo/Map/Print/Publication- Aerial Photographic	U007	Education/Training- Faculty Salaries for Dependent Schools
T010	Photo/Map/Print/Publication- General Photographic: Still	U008	Education/Training- Training/Curriculum Development
T011	Photo/Map/Print/Publication- Print/Binding	U009	Education/Training- General
T012	Photo/Map/Print/Publication- Reproduction	U010	Education/Training- Certifications/Accreditations for Educational Institutions
T013	Photo/Map/Print/Publication- Technical Writing		Excludes: Information Technology Certifications and Accreditations
T014	Photo/Map/Print/Publication- Topography	U011	Education/Training- AIDS/HIV
T015	Photo/Map/Print/Publication- General Photographic: Motion	U012	Education/Training- Information Technology/Telecommunications Training
T016	Photo/Map/Print/Publication- Audio/Visual	U013	Education/Training- Combat
T099	Photo/Map/Print/Publication- Other		Includes: Contractor-Provided Training to Military At Individual, Collective, or Staff Level On Combat Skills That Apply Deadly Force On Enemy or Hostile Forces; Contractor Facilities Used for Such Training
	Category U		
	Education/Training		
	<i>Category U0</i>		
	<i>Education/Training</i>		Excludes: Equipment Used In Support of Such Training
U001	Education/Training- Lectures		

U014 Education/Training- Security
 Includes: Contractor-Provided Training to Military At Individual, Collective, or Staff Level On Security Skills (With An Emphasis On Force Protection) That Apply Deadly Force On Enemy or Hostile Forces; Contractor Facilities Used for Such Training
 Excludes: Equipment Used In Support of Such Training

U099 Education/Training- Other

**Category V
 Transportation/Travel/Relocation**

*Category V0
 Transportation/Travel/Relocation- Motor Pool and Packing/Crating*

V001 Transportation/Travel/Relocation- Motor Pool and Packing/Crating: Government Bill of Lading (GBL) / Government Transportation Request (GTR) Procurements

V002 Transportation/Travel/Relocation- Motor Pool and Packing/Crating: Motor Pool Operations

V003 Transportation/Travel/Relocation- Motor Pool and Packing/Crating: Packing/Crating

*Category V1
 Transportation/Travel/Relocation- Transportation*

V111 Transportation/Travel/Relocation- Transportation: Air Freight

V112 Transportation/Travel/Relocation- Transportation: Motor Freight

V113 Transportation/Travel/Relocation- Transportation: Rail Freight

V114 Transportation/Travel/Relocation- Transportation: Stevedoring

V115 Transportation/Travel/Relocation- Transportation: Vessel Freight

V119 Transportation/Travel/Relocation- Transportation: Other

V121 Transportation/Travel/Relocation- Transportation: Air Charter

V122 Transportation/Travel/Relocation- Transportation: Motor Charter

V123 Transportation/Travel/Relocation- Transportation: Rail Charter

V124 Transportation/Travel/Relocation- Transportation: Marine Charter

V125 Transportation/Travel/Relocation- Transportation: Vessel Towing

V126 Transportation/Travel/Relocation- Transportation: Space Transportation/Launch

V127 Transportation/Travel/Relocation- Transportation: Security Vehicle

V129 Transportation/Travel/Relocation- Transportation: Other

*Category V2
 Transportation/Travel/Relocation- Travel/Lodging/Recruitment*

V211 Transportation/Travel/Relocation- Travel/Lodging/Recruitment: Air Passenger

V212 Transportation/Travel/Relocation- Travel/Lodging/Recruitment: Motor Passenger

V213 Transportation/Travel/Relocation- Travel/Lodging/Recruitment: Rail Passenger

V214 Transportation/Travel/Relocation-
Travel/Lodging/Recruitment: Marine
Passenger

V221 Transportation/Travel/Relocation-
Travel/Lodging/Recruitment:
Passenger Air Charter

V222 Transportation/Travel/Relocation-
Travel/Lodging/Recruitment:
Passenger Motor Charter

V223 Transportation/Travel/Relocation-
Travel/Lodging/Recruitment:
Passenger Rail Charter

V224 Transportation/Travel/Relocation-
Travel/Lodging/Recruitment:
Passenger Marine Charter

V225 Transportation/Travel/Relocation-
Travel/Lodging/Recruitment:
Ambulance

V226 Transportation/Travel/Relocation-
Travel/Lodging/Recruitment: Taxicab

V227 Transportation/Travel/Relocation-
Travel/Lodging/Recruitment:
Navigational Aid and Pilotage

V228 Transportation/Travel/Relocation-
Travel/Lodging/Recruitment: Port
Operations

V229 Transportation/Travel/Relocation-
Travel/Lodging/Recruitment: Purchase
of Transit/Public Transportation Fare
Media

V231 Transportation/Travel/Relocation-
Travel/Lodging/Recruitment: Lodging,
Hotel/Motel

V241 Transportation/Travel/Relocation-
Travel/Lodging/Recruitment: Military
Personnel Recruitment

V251 Transportation/Travel/Relocation-
Travel/Lodging/Recruitment: Civilian
Personnel Recruitment

Category V3
Transportation/Travel/Relocation- Relocation

V301 Transportation/Travel/Relocation-
Relocation: Relocation

V302 Transportation/Travel/Relocation-
Relocation: Travel Agent

Category V9
Transportation/Travel/Relocation- Other

V999 Transportation/Travel/Relocation-
Other: Other

Category W
Lease/Rental of Equipment

Category W0
Lease or Rental of Equipment

W010 Lease or Rental of Equipment-
Weapons

W011 Lease or Rental of Equipment- Nuclear
Ordnance

W012 Lease or Rental of Equipment- Fire
Control Equipment

W013 Lease or Rental of Equipment-
Ammunition and Explosives

W014 Lease or Rental of Equipment- Guided
Missiles

W015 Lease or Rental of Equipment- Aircraft
and Airframe Structural Components

W016 Lease or Rental of Equipment- Aircraft
Components and Accessories

W017 Lease or Rental of Equipment- Aircraft
Launching, Landing, and Ground
Handling Equipment

W018	Lease or Rental of Equipment- Space Vehicles	W035	Lease or Rental of Equipment- Service and Trade Equipment
W019	Lease or Rental of Equipment- Ships, Small Craft, Pontoons, and Floating Docks	W036	Lease or Rental of Equipment- Special Industry Machinery
W020	Lease or Rental of Equipment- Ship and Marine Equipment	W037	Lease or Rental of Equipment- Agricultural Machinery and Equipment
W022	Lease or Rental of Equipment- Railway Equipment	W038	Lease or Rental of Equipment- Construction, Mining, Excavating, and Highway Maintenance Equipment
W023	Lease or Rental of Equipment- Ground Effect Vehicles, Motor Vehicles, Trailers, and Cycles	W039	Lease or Rental of Equipment- Materials Handling Equipment
W024	Lease or Rental of Equipment- Tractors	W040	Lease or Rental of Equipment- Rope, Cable, Chain, and Fittings
W025	Lease or Rental of Equipment- Vehicular Equipment Components	W041	Lease or Rental of Equipment- Refrigeration, Air Conditioning, and Air Circulating Equipment
W026	Lease or Rental of Equipment- Tires and Tubes	W042	Lease or Rental of Equipment- Fire Fighting, Rescue, and Safety Equipment; Environmental Protection Equipment and Materials
W028	Lease or Rental of Equipment- Engines, Turbines, and Components	W043	Lease or Rental of Equipment- Pumps and Compressors
W029	Lease or Rental of Equipment- Engine Accessories	W044	Lease or Rental of Equipment- Furnace, Steam Plant, and Drying Equipment; Nuclear Reactors
W030	Lease or Rental of Equipment- Mechanical Power Transmission Equipment	W045	Lease or Rental of Equipment- Plumbing, Heating, and Waste Disposal Equipment
W031	Lease or Rental of Equipment- Bearings	W046	Lease or Rental of Equipment- Water Purification and Sewage Treatment Equipment
W032	Lease or Rental of Equipment- Woodworking Machinery and Equipment	W047	Lease or Rental of Equipment- Pipe, Tubing, Hose, and Fittings
W034	Lease or Rental of Equipment- Metalworking Machinery	W048	Lease or Rental of Equipment- Valves

W049	Lease or Rental of Equipment- Maintenance and Repair Shop Equipment	W065	Lease or Rental of Equipment- Medical, Dental, and Veterinary Equipment and Supplies
W051	Lease or Rental of Equipment- Hand Tools	W066	Lease or Rental of Equipment- Instruments and Laboratory Equipment
W052	Lease or Rental of Equipment- Measuring Tools	W067	Lease or Rental of Equipment- Photographic Equipment
W053	Lease or Rental of Equipment- Hardware and Abrasives	W068	Lease or Rental of Equipment- Chemicals and Chemical Products
W054	Lease or Rental of Equipment- Prefabricated Structures and Scaffolding	W069	Lease or Rental of Equipment- Training Aids and Devices
W055	Lease or Rental of Equipment- Lumber, Millwork, Plywood, and Veneer	W070	Lease or Rental of Equipment- Automatic Data Processing Equipment (Including Firmware), Software, Supplies and Support Equipment
W056	Lease or Rental of Equipment- Construction and Building Materials	W071	Lease or Rental of Equipment- Furniture
W058	Lease or Rental of Equipment- Communication, Detection, and Coherent Radiation Equipment	W072	Lease or Rental of Equipment- Household and Commercial Furnishings and Appliances
W059	Lease or Rental of Equipment- Electrical and Electronic Equipment Components	W073	Lease or Rental of Equipment- Food Preparation and Serving Equipment
W060	Lease or Rental of Equipment- Fiber Optics Materials, Components, Assemblies, and Accessories	W074	Lease or Rental of Equipment- Office Machines, Text Processing Systems, and Visible Record Equipment
W061	Lease or Rental of Equipment- Electric Wire and Power Distribution Equipment	W075	Lease or Rental of Equipment- Office Supplies and Devices
W062	Lease or Rental of Equipment- Lighting Fixtures and Lamps	W076	Lease or Rental of Equipment- Books, Maps, and Other Publications
W063	Lease or Rental of Equipment- Alarm, Signal, and Security Detection Systems	W077	Lease or Rental of Equipment- Musical Instruments, Phonographs, and Home Type Radios
		W078	Lease or Rental of Equipment- Recreational and Athletic Equipment

W079 Lease or Rental of Equipment-
Cleaning Equipment and Supplies

W080 Lease or Rental of Equipment-
Brushes, Paints, Sealers, and
Adhesives

W081 Lease or Rental of Equipment-
Containers, Packaging, and Packing
Supplies

W083 Lease or Rental of Equipment-
Textiles, Leather, Furs, Apparel and
Shoe Findings, Tents and Flags

W084 Lease or Rental of Equipment-
Clothing, Individual Equipment, and
Insignia

W085 Lease or Rental of Equipment-
Toiletries

W087 Lease or Rental of Equipment-
Agricultural Supplies

W088 Lease or Rental of Equipment- Live
Animals

W089 Lease or Rental of Equipment-
Subsistence

W091 Lease or Rental of Equipment- Fuels,
Lubricants, Oils, and Waxes

W093 Lease or Rental of Equipment-
Nonmetallic Fabricated Materials

W094 Lease or Rental of Equipment-
Nonmetallic Crude Materials

W095 Lease or Rental of Equipment- Metal
Bars, Sheets, and Shapes

W096 Lease or Rental of Equipment- Ores,
Minerals, and Their Primary Products

W099 Lease or Rental of Equipment-
Miscellaneous

Category X
Lease/Rental of Structures/Facilities

Category X1
Lease/Rental of Structures and Facilities

X1AA Lease/Rental of Office Buildings

X1AB Lease/Rental of Conference Space
and Facilities

X1AZ Lease/Rental of Other Administrative
Facilities and Service Buildings

X1BA Lease/Rental of Air Traffic Control
Towers

X1BB Lease/Rental of Air Traffic Control
Training Facilities

X1BC Lease/Rental of Radar and
Navigational Facilities

X1BD Lease/Rental of Airport Runways and
Taxiways

X1BE Lease/Rental of Airport Terminals

X1BF Lease/Rental of Missile System
Facilities

X1BG Lease/Rental of Electronic and
Communications Facilities

X1BZ Lease/Rental of Other Airfield
Structures

X1CA Lease/Rental of Schools

X1CZ Lease/Rental of Other Educational
Buildings

X1DA	Lease/Rental of Hospitals and Infirmaries	X1GB	Lease/Rental of Food or Grain Storage Buildings
X1DB	Lease/Rental of Laboratories and Clinics	X1GC	Lease/Rental of Fuel Storage Buildings
X1DZ	Lease/Rental of Other Hospital Buildings	X1GD	Lease/Rental of Open Storage Facilities
X1EA	Lease/Rental of Ammunition Facilities	X1GZ	Lease/Rental of Other Warehouse Buildings
X1EB	Lease/Rental of Maintenance Buildings	X1HA	Lease/Rental of Government-Owned Contractor-Operated (GOCO) R&D Facilities
X1EC	Lease/Rental of Production Buildings	X1HB	Lease/Rental of Government-Owned Government-Operated (GOGO) R&D Facilities
X1ED	Lease/Rental of Ship Construction and Repair Facilities	X1HC	Lease/Rental of Government-Owned Contractor-Operated (GOCO) Environmental Laboratories
X1EE	Lease/Rental of Tank Automotive Facilities	X1HZ	Lease/Rental of Government-Owned Government-Operated (GOGO) Environmental Laboratories
X1EZ	Lease/Rental of Other Industrial Buildings	X1JA	Lease/Rental of Museums and Exhibition Buildings
X1FA	Lease/Rental of Family Housing Facilities	X1JB	Lease/Rental of Testing and Measurement Buildings
X1FB	Lease/Rental of Recreational Buildings	X1JZ	Lease/Rental of Miscellaneous Buildings
X1FC	Lease/Rental of Troop Housing Facilities	X1KA	Lease/Rental of Dams
X1FD	Lease/Rental of Dining Facilities	X1KB	Lease/Rental of Canals
X1FE	Lease/Rental of Religious Facilities	X1KC	Lease/Rental of Mine Fire Control Facilities
X1FF	Lease/Rental of Penal Facilities	X1KD	Lease/Rental of Mine Subsidence Control Facilities
X1FZ	Lease/Rental of Other Residential Buildings		
X1GA	Lease/Rental of Ammunition Storage Buildings		

X1KE	Lease/Rental of Surface Mine Reclamation Facilities	X1NA	Lease/Rental of Fuel Supply Facilities
X1KF	Lease/Rental of Dredging Facilities	X1NB	Lease/Rental of Heating and Cooling Plants
X1KZ	Lease/Rental of Other Conservation and Development Facilities	X1NC	Lease/Rental of Pollution Abatement and Control Facilities
X1LA	Lease/Rental of Airport Service Roads	X1ND	Lease/Rental of Sewage and Waste Facilities
X1LB	Lease/Rental of Highways, Roads, Streets, Bridges, and Railways Includes: Resurfacing	X1NE	Lease/Rental of Water Supply Facilities
X1LC	Lease/Rental of Tunnels and Subsurface Structures	X1NZ	Lease/Rental of Other Utilities
X1LZ	Lease/Rental of Parking Facilities	X1PA	Lease/Rental of Recreation Facilities (Non-Building)
X1MA	Lease/Rental of EPG Facilities - Coal	X1PB	Lease/Rental of Exhibit Design (Non-Building)
X1MB	Lease/Rental of EPG Facilities - Gas	X1PC	Lease/Rental of Unimproved Real Property (Land)
X1MC	Lease/Rental of EPG Facilities - Geothermal	X1PD	Lease/Rental of Waste Treatment and Storage Facilities
X1MD	Lease/Rental of EPG Facilities - Hydro	X1PZ	Lease/Rental of Other Non-Building Facilities
X1ME	Lease/Rental of EPG Facilities - Nuclear	X1QA	Lease/Rental of Restoration of Real Property (Public or Private) Includes: All Actions Necessary to Restore, Rehabilitate, or Reclaim Property
X1MF	Lease/Rental of EPG Facilities - Petroleum		
X1MG	Lease/Rental of EPG Facilities - Solar		
X1MH	Lease/Rental of EPG Facilities - Wind		
X1MZ	Lease/Rental of EPG Facilities - Other, Including Transmission		
			Category Y
			Construction of Structures/Facilities
			<i>Category Y1</i>
			<i>Construction of Structures and Facilities</i>
		Y1AA	Construction of Office Buildings
		Y1AB	Construction of Conference Space and Facilities

Y1AZ Construction of Other Administrative Facilities and Service Buildings

Y1BA Construction of Air Traffic Control Towers

Y1BB Construction of Air Traffic Control Training Facilities

Y1BC Construction of Radar and Navigational Facilities

Y1BD Construction of Airport Runways and Taxiways

Y1BE Construction of Airport Terminals

Y1BF Construction of Missile System Facilities

Y1BG Construction of Electronic and Communications Facilities

Y1BZ Construction of Other Airfield Structures

Y1CA Construction of Schools

Y1CZ Construction of Other Educational Buildings

Y1DA Construction of Hospitals and Infirmarys

Y1DB Construction of Laboratories and Clinics

Y1DZ Construction of Other Hospital Buildings

Y1EA Construction of Ammunition Facilities

Y1EB Construction of Maintenance Buildings

Y1EC Construction of Production Buildings

Y1ED Construction of Ship Construction and Repair Facilities

Y1EE Construction of Tank Automotive Facilities

Y1EZ Construction of Other Industrial Buildings

Y1FA Construction of Family Housing Facilities

Y1FB Construction of Recreational Buildings

Y1FC Construction of Troop Housing Facilities

Y1FD Construction of Dining Facilities

Y1FE Construction of Religious Facilities

Y1FF Construction of Penal Facilities

Y1FZ Construction of Other Residential Buildings

Y1GA Construction of Ammunition Storage Buildings

Y1GB Construction of Food or Grain Storage Buildings

Y1GC Construction of Fuel Storage Buildings

Y1GD Construction of Open Storage Facilities

Y1GZ Construction of Other Warehouse Buildings

Y1HA	Construction of Government-Owned Contractor-Operated (GOCO) R&D Facilities	Y1LB	Construction of Highways, Roads, Streets, Bridges, and Railways Includes: Resurfacing
Y1HB	Construction of Government-Owned Government-Operated (GOGO) R&D Facilities	Y1LC	Construction of Tunnels and Subsurface Structures
Y1HC	Construction of Government-Owned Contractor-Operated (GOCO) Environmental Laboratories	Y1LZ	Construction of Parking Facilities
Y1HZ	Construction of Government-Owned Government-Operated (GOGO) Environmental Laboratories	Y1MA	Construction of EPG Facilities - Coal
Y1JA	Construction of Museums and Exhibition Buildings	Y1MB	Construction of EPG Facilities - Gas
Y1JB	Construction of Testing and Measurement Buildings	Y1MC	Construction of EPG Facilities - Geothermal
Y1JZ	Construction of Miscellaneous Buildings	Y1MD	Construction of EPG Facilities - Hydro
Y1KA	Construction of Dams	Y1ME	Construction of EPG Facilities - Nuclear
Y1KB	Construction of Canals	Y1MF	Construction of EPG Facilities - Petroleum
Y1KC	Construction of Mine Fire Control Facilities	Y1MG	Construction of EPG Facilities - Solar
Y1KD	Construction of Mine Subsidence Control Facilities	Y1MH	Construction of EPG Facilities - Wind
Y1KE	Construction of Surface Mine Reclamation Facilities	Y1MZ	Construction of EPG Facilities - Other, Including Transmission
Y1KF	Construction of Dredging Facilities	Y1NA	Construction of Fuel Supply Facilities
Y1KZ	Construction of Other Conservation and Development Facilities	Y1NB	Construction of Heating and Cooling Plants
Y1LA	Construction of Airport Service Roads	Y1NC	Construction of Pollution Abatement and Control Facilities
		Y1ND	Construction of Sewage and Waste Facilities

Y1NE Construction of Water Supply Facilities

Y1NZ Construction of Other Utilities

Y1PA Construction of Recreation Facilities (Non-Building)

Y1PB Construction of Exhibit Design (Non-Building)

Y1PC Construction of Unimproved Real Property (Land)

Y1PD Construction of Waste Treatment and Storage Facilities

Y1PZ Construction of Other Non-Building Facilities

Y1QA Construction of Restoration of Real Property (Public or Private)
Includes: All Actions Necessary to Restore, Rehabilitate, or Reclaim Property

**Category Z
Maintenance, Repair, Alteration of
Structures/Facilities**

*Category Z1
Maintenance of Structures and Facilities*

Z1AA Maintenance of Office Buildings

Z1AB Maintenance of Conference Space and Facilities

Z1AZ Maintenance of Other Administrative Facilities and Service Buildings

Z1BA Maintenance of Air Traffic Control Towers

Z1BB Maintenance of Air Traffic Control Training Facilities

Z1BC Maintenance of Radar and Navigational Facilities

Z1BD Maintenance of Airport Runways and Taxiways

Z1BE Maintenance of Airport Terminals

Z1BF Maintenance of Missile System Facilities

Z1BG Maintenance of Electronic and Communications Facilities

Z1BZ Maintenance of Other Airfield Structures

Z1CA Maintenance of Schools

Z1CZ Maintenance of Other Educational Buildings

Z1DA Maintenance of Hospitals and Infirmaries

Z1DB Maintenance of Laboratories and Clinics

Z1DZ Maintenance of Other Hospital Buildings

Z1EA Maintenance of Ammunition Facilities

Z1EB Maintenance of Maintenance Buildings

Z1EC Maintenance of Production Buildings

Z1ED Maintenance of Ship Construction and Repair Facilities

Z1EE Maintenance of Tank Automotive Facilities

Z1EZ	Maintenance of Other Industrial Buildings	Z1HC	Maintenance of Government-Owned Contractor-Operated (GOCO) Environmental Laboratories
Z1FA	Maintenance of Family Housing Facilities	Z1HZ	Maintenance of Government-Owned Government-Operated (GOGO) Environmental Laboratories
Z1FB	Maintenance of Recreational Buildings	Z1JA	Maintenance of Museums and Exhibition Buildings
Z1FC	Maintenance of Troop Housing Facilities	Z1JB	Maintenance of Testing and Measurement Buildings
Z1FD	Maintenance of Dining Facilities	Z1JZ	Maintenance of Miscellaneous Buildings
Z1FE	Maintenance of Religious Facilities	Z1KA	Maintenance of Dams
Z1FF	Maintenance of Penal Facilities	Z1KB	Maintenance of Canals
Z1FZ	Maintenance of Other Residential Buildings	Z1KC	Maintenance of Mine Fire Control Facilities
Z1GA	Maintenance of Ammunition Storage Buildings	Z1KD	Maintenance of Mine Subsidence Control Facilities
Z1GB	Maintenance of Food or Grain Storage Buildings	Z1KE	Maintenance of Surface Mine Reclamation Facilities
Z1GC	Maintenance of Fuel Storage Buildings	Z1KF	Maintenance of Dredging Facilities
Z1GD	Maintenance of Open Storage Facilities	Z1KZ	Maintenance of Other Conservation and Development Facilities
Z1GZ	Maintenance of Other Warehouse Buildings	Z1LA	Maintenance of Airport Service Roads
Z1HA	Maintenance of Government-Owned Contractor-Operated (GOCO) R&D Facilities	Z1LB	Maintenance of Highways, Roads, Streets, Bridges, and Railways Includes: Resurfacing
Z1HB	Maintenance of Government-Owned Government-Operated (GOGO) R&D Facilities	Z1LC	Maintenance of Tunnels and Subsurface Structures

Z1LZ Maintenance of Parking Facilities

Z1MA Maintenance of EPG Facilities - Coal

Z1MB Maintenance of EPG Facilities - Gas

Z1MC Maintenance of EPG Facilities - Geothermal

Z1MD Maintenance of EPG Facilities - Hydro

Z1ME Maintenance of EPG Facilities - Nuclear

Z1MF Maintenance of EPG Facilities - Petroleum

Z1MG Maintenance of EPG Facilities - Solar

Z1MH Maintenance of EPG Facilities - Wind

Z1MZ Maintenance of EPG Facilities - Other, Including Transmission

Z1NA Maintenance of Fuel Supply Facilities

Z1NB Maintenance of Heating and Cooling Plants

Z1NC Maintenance of Pollution Abatement and Control Facilities

Z1ND Maintenance of Sewage and Waste Facilities

Z1NE Maintenance of Water Supply Facilities

Z1NZ Maintenance of Other Utilities

Z1PA Maintenance of Recreation Facilities (Non-Building)

Z1PB Maintenance of Exhibit Design (Non-Building)

Z1PC Maintenance of Unimproved Real Property (Land)

Z1PD Maintenance of Waste Treatment and Storage Facilities

Z1PZ Maintenance of Other Non-Building Facilities

Z1QA Maintenance of Restoration of Real Property (Public or Private)
Includes: All Actions Necessary to Restore, Rehabilitate, or Reclaim Property

*Category Z2
Repair or Alteration of Structures and Facilities*

Z2AA Repair or Alteration of Office Buildings

Z2AB Repair or Alteration of Conference Space and Facilities

Z2AZ Repair or Alteration of Other Administrative Facilities and Service Buildings

Z2BA Repair or Alteration of Air Traffic Control Towers

Z2BB Repair or Alteration of Air Traffic Control Training Facilities

Z2BC Repair or Alteration of Radar and Navigational Facilities

Z2BD Repair or Alteration of Airport Runways and Taxiways

Z2BE Repair or Alteration of Airport Terminals

Z2BF Repair or Alteration of Missile System Facilities

Z2BG Repair or Alteration of Electronic and Communications Facilities

Z2BZ Repair or Alteration of Other Airfield Structures

Z2CA Repair or Alteration of Schools

Z2CZ Repair or Alteration of Other Educational Buildings

Z2DA Repair or Alteration of Hospitals and Infirmaries

Z2DB Repair or Alteration of Laboratories and Clinics

Z2DZ Repair or Alteration of Other Hospital Buildings

Z2EA Repair or Alteration of Ammunition Facilities

Z2EB Repair or Alteration of Maintenance Buildings

Z2EC Repair or Alteration of Production Buildings

Z2ED Repair or Alteration of Ship Construction and Repair Facilities

Z2EE Repair or Alteration of Tank Automotive Facilities

Z2EZ Repair or Alteration of Other Industrial Buildings

Z2FA Repair or Alteration of Family Housing Facilities

Z2FB Repair or Alteration of Recreational Buildings

Z2FC Repair or Alteration of Troop Housing Facilities

Z2FD Repair or Alteration of Dining Facilities

Z2FE Repair or Alteration of Religious Facilities

Z2FF Repair or Alteration of Penal Facilities

Z2FZ Repair or Alteration of Other Residential Buildings

Z2GA Repair or Alteration of Ammunition Storage Buildings

Z2GB Repair or Alteration of Food or Grain Storage Buildings

Z2GC Repair or Alteration of Fuel Storage Buildings

Z2GD Repair or Alteration of Open Storage Facilities

Z2GZ Repair or Alteration of Other Warehouse Buildings

Z2HA Repair or Alteration of Government-Owned Contractor-Operated (GOCO) R&D Facilities

Z2HB Repair or Alteration of Government-Owned Government-Operated (GOGO) R&D Facilities

Z2HC Repair or Alteration of Government-Owned Contractor-Operated (GOCO) Environmental Laboratories

Z2HZ Repair or Alteration of Government-Owned Government-Operated (GOGO) Environmental Laboratories

Z2JA	Repair or Alteration of Museums and Exhibition Buildings	Z2MB	Repair or Alteration of EPG Facilities - Gas
Z2JB	Repair or Alteration of Testing and Measurement Buildings	Z2MC	Repair or Alteration of EPG Facilities - Geothermal
Z2JZ	Repair or Alteration of Miscellaneous Buildings	Z2MD	Repair or Alteration of EPG Facilities - Hydro
Z2KA	Repair or Alteration of Dams	Z2ME	Repair or Alteration of EPG Facilities - Nuclear
Z2KB	Repair or Alteration of Canals	Z2MF	Repair or Alteration of EPG Facilities - Petroleum
Z2KC	Repair or Alteration of Mine Fire Control Facilities	Z2MG	Repair or Alteration of EPG Facilities - Solar
Z2KD	Repair or Alteration of Mine Subsidence Control Facilities	Z2MH	Repair or Alteration of EPG Facilities - Wind
Z2KE	Repair or Alteration of Surface Mine Reclamation Facilities	Z2MZ	Repair or Alteration of EPG Facilities - Other, Including Transmission
Z2KF	Repair or Alteration of Dredging Facilities	Z2NA	Repair or Alteration of Fuel Supply Facilities
Z2KZ	Repair or Alteration of Other Conservation and Development Facilities	Z2NB	Repair or Alteration of Heating and Cooling Plants
Z2LA	Repair or Alteration of Airport Service Roads	Z2NC	Repair or Alteration of Pollution Abatement and Control Facilities
Z2LB	Repair or Alteration of Highways, Roads, Streets, Bridges, and Railways Includes: Resurfacing	Z2ND	Repair or Alteration of Sewage and Waste Facilities
Z2LC	Repair or Alteration of Tunnels and Subsurface Structures	Z2NE	Repair or Alteration of Water Supply Facilities
Z2LZ	Repair or Alteration of Parking Facilities	Z2NZ	Repair or Alteration of Other Utilities
Z2MA	Repair or Alteration of EPG Facilities - Coal	Z2PA	Repair or Alteration of Recreation Facilities (Non-Building)

- Z2PB Repair or Alteration of Exhibit Design
(Non-Building)
- Z2PC Repair or Alteration of Unimproved
Real Property (Land)
- Z2PD Repair or Alteration of Waste
Treatment and Storage Facilities
- Z2PZ Repair or Alteration of Other Non-
Building Facilities
- Z2QA Repair or Alteration of Restoration of
Real Property (Public or Private)
Includes: All Actions Necessary to
Restore, Rehabilitate, or Reclaim
Property

Section C
Product Codes

Product Codes – Top Level

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**Group 10
Weapons**

Note-This group includes combat weapons as well as weapon-like noncombat items, such as line throwing devices and pyrotechnic pistols. Also included in this group are weapon neutralizing equipment, such as degaussers, and deception equipment, such as camouflage nets. Excluded from this group are fire control and night devices classifiable in groups 12 or 58.

- 1005 Guns, through 30mm
Includes: Machine Guns; Brushes, Machine Gun and Pistol.
Excludes: Turrets, Aircraft.
- 1010 Guns, over 30mm up to 75mm
Includes: Breech Mechanisms; Mounts; Grenade Launchers for Integral-Cartridge Grenades, Single-Shot or Auto-Loading or Automatic-Firing.
- 1015 Guns, 75mm through 125mm
Includes: Breech Mechanisms; Mounts; Rammers.
- 1020 Guns, over 125mm through 150mm
Includes: Breech Mechanisms; Power Drives; Gun Shields.
- 1025 Guns, over 150mm through 200mm
Includes: Firing Platforms; Mounts; Gun Shields.
- 1030 Guns, over 200mm through 300mm
Includes: Gun Yokes; Rammers; Reflectors.
- 1035 Guns, over 300mm
Includes: Breech Mechanisms; Training Gears; Power Drives.

- 1040 Chemical Weapons and Equipment
Includes: Flame Throwers; Smoke Generators.
- 1045 Launchers, Torpedo and Depth Charge
Includes: Depth Charge Tracks; Torpedo Tubes.
- 1055 Launchers, Rocket and Pyrotechnic
Includes: Airborne Rocket Launchers adaptable to guided missile use.

Excludes: Specifically designed Airborne Guided Missile Launchers; Jettisonable Rocket Launchers; Launcher Fairings designed for specific airframes; Rifle Grenade Launchers; Grenade Launchers for Integral-Cartridge Grenades, Single-Shot or Auto-Loading or Automatic Firing.
- 1070 Nets and Booms, Ordnance
Notes: This class includes nets and booms for harbor defense only.
- 1075 Degaussing and Mine Sweeping Equipment
- 1080 Camouflage and Deception Equipment
Includes: Dummy Artillery, Aircraft and Vehicles; Garnished Nets.
- 1090 Assemblies Interchangeable Between Weapons in Two or More Classes

Includes: Components and Accessories used on or with weapons falling in two or more classes of Group 10.

1095 Miscellaneous Weapons
Includes: Line Throwing Guns; Catapult Guns; Bayonets; Saluting Guns; Signal Guns; Flare Guns; Barrage Balloons; Accessories, not elsewhere classifiable, for weapons in this group; Expendable Bomb Dispensers.

**Group 11
Nuclear Ordnance**

Note-This group includes, in particular, nuclear ordnance training weapons, practice ballistic units, and all components specially designed therefor, when not specifically classified elsewhere. Also included in the group are specially designed simulators and mockups, which are integral parts of the above. Excluded from this group are general purpose nose cones, case sections, flare sections or center sections designed to carry payloads other than nuclear and/or for use on a missile, rocket, or re-entry vehicle to attain the necessary aerodynamic configuration.

1105 Nuclear Bombs
Notes: This class includes nuclear weapons (including bombs), which are designed to be dropped from an aircraft.

Includes: Ballistic cases, tail assemblies, retardation devices, and other peculiar components which are not classifiable elsewhere.

Excludes: Parachute canopies and canopy hardware.

1110 Nuclear Projectiles
Notes: This class includes nuclear weapons which are designed to be propelled from a recoilless rifle, gun, howitzer, or the like, and which are not designed to be self-propelled.
Includes: Ogive sections, body sections, bases, and other peculiar components which are not classifiable elsewhere.

1115 Nuclear Warheads and Warhead Sections

Notes: This class includes nuclear warheads (without or assembled with case sections, adaption kits, and/or fuzing and firing components) which are to be used in or with bombs, rockets, projectiles, missiles, demolition charges, or the like. Also includes case sections, nose cones, flare sections, center sections, and auxiliary structural components of missiles, rockets, and re-entry vehicles which are designed or constructed for exclusive use with or for housing of nuclear warheads and/or warhead sections.

Includes: Components and parts peculiar to the warhead or warhead section, which are not classifiable in more specific classes.

Excludes: Such components as fuzing and firing devices, nuclear components, high explosive components, classifiable in more specific classes, and items such as projectiles and bombs which include the entire outer case of a weapon.

1120 Nuclear Depth Charges
Notes: This class includes nuclear weapons which consist of depth charge bodies assembled with nuclear warheads. It includes training weapons and all specially designed components which are not classifiable elsewhere.

1125 Nuclear Demolition Charges
Notes: This class includes nuclear weapons which are designed to be emplaced in or near a structure, area, or the like, which is to be destroyed. The weapons may include accessories.
Includes: Outer cases, case sections, and other peculiar components, which are not classifiable elsewhere.

- 1127 Nuclear Rockets
- Notes: This class includes nuclear weapons, consisting of rocket bodies assembled with nuclear warheads, which comprise a single item of supply and are issued as such.
- Includes: Components peculiar to assembled rockets which are not classifiable elsewhere.
- Excludes: Rocket Motors; Warhead Components; Rocket Components classified in other FSC classes.
- 1130 Conversion Kits, Nuclear Ordnance
- Notes: This class includes collections of items used for the purpose of converting nuclear weapons from one configuration to another.
- 1135 Fuzing and Firing Devices, Nuclear Ordnance
- Includes: Such items as fuzes, power supplies, firing sets, x-units, cables, safing devices, adaption kits, and re-entry vehicle nuclear ordnance arming and fuzing systems.
- 1140 Nuclear Components
- Includes: All components which contain or simulate nuclear active materials.
- Excludes: End items, such as bombs, projectiles, warheads, and the like.
- 1145 Explosive and Pyrotechnic Components, Nuclear Ordnance
- Notes: This class includes actual and simulated explosive and pyrotechnic components peculiar to all nuclear ordnance end items, such as bombs, demolition charges, rockets, projectiles, warheads, and related systems. Excluded from this class are all explosive and pyrotechnic components designed for other than nuclear ordnance applications.

- 1190 Specialized Test and Handling Equipment, Nuclear Ordnance
- Includes: Specially designed trucks and trailers for nuclear ordnance; Specially designed slings and hoists; Operational, test, and setting devices, and cradles; Conditioning Kits and Sets, Controlled Environment.
- Excludes: Hand tools; Instruments for use on both nuclear ordnance and other equipment; Basic types of electrical and electronic test instruments, including those specially designed, such as ammeters, voltmeters, ohmmeters, multimeters, and similar instruments, as shown in the indexes in the FSC.
- 1195 Miscellaneous Nuclear Ordnance
- Includes: Items common to more than one class or items not properly fitting into the foregoing classes of nuclear ordnance.

**Group 12
Fire Control Equipment**

Note-Fire control assemblies, subassemblies, and components are classified: a. In appropriate classes of this group when: (1) Designed for multiple applications to different kinds of fire control equipment. (2) Modified for use with guided missile remote control systems. (3) Designed specifically for shipborne guided missile remote control systems. (4) Radar equipment, designed specifically for fire control systems. (5) Both day and night viewing characteristics are incorporated into an integral unit. b. In Class 1270 or 1280, when designed specifically for aircraft gunnery or aircraft bombing fire control, respectively. c. In Class 1430, when designed specifically for guided missile remote control systems, except shipboard type. d. In appropriate classes of Group 58, when designed for multiple applications to both fire control and communication equipment. e. In appropriate classes of Group 58 when designed for night vision.

- 1210 Fire Control Directors
- 1220 Fire Control Computing Sights and Devices
- 1230 Fire Control Systems, Complete
Notes: This class includes only complete fire control systems. Anything less than a complete system, such as individual end items, assemblies, parts, attachments, or accessories for use in fire control systems are classified in classes other than this class.
- 1240 Optical Sighting and Ranging Equipment
Includes: Periscopes for Submarines; Range and Height Finders; Telescopic Sights; Optical Instruments Integrated with Fire Control Equipment.
- 1250 Fire Control Stabilizing Mechanisms

- 1260 Fire Control Designating and Indicating Equipment
Includes: Turret, Gun, Torpedo Mount, and Searchlight Indicating Equipment; Target Designating Equipment; Synchro Systems.
- 1265 Fire Control Transmitting and Receiving Equipment, except Airborne
Includes: Fire Control Transmitters, Transmitter-Receivers, Receivers, Receiver-Regulators.
Excludes: Fire Control Transmitting and Receiving Equipment, Specially Designed for use on or with Fire Control Radar Equipment.
- 1270 Aircraft Gunnery Fire Control Components
Includes: Turrets, Aircraft; Computers, specifically designed; Complete Gyro Mechanisms.
Excludes: Gun Chargers; Ammunition Boxes; Gun Heaters; Field and Link Chutes; Ammunition Boosters; Gyro Components; Complete Fire Control Systems.
- 1280 Aircraft Bombing Fire Control Components
Includes: Computers, specifically designed; Complete Gyro Mechanisms; Optical Instruments for Bombing Fire Control.
Excludes: Gyro Components; Optical Elements, such as Lens, Prisms, Filters.
- 1285 Fire Control Radar Equipment, except Airborne
Includes: Radar Sets, Assemblies, Subassemblies, and Components Specially Designed for use on or with Fire Control Equipment.

1287 Fire Control Sonar Equipment
Notes: This class includes airborne, shipborne, and submarineborne sonar sets, assemblies, subassemblies, and components designed specifically for use with underwater fire control equipment.

1290 Miscellaneous Fire Control Equipment
Includes: Fuze Setters; Ordnance Cable Systems; Aiming Circles; Flash and Sound Ranging Sets; Fire Control Components and Subassemblies Not Classifiable in Other Classes of Group 12.

**Group 13
Ammunition and Explosives**

Note-Excluded from this group are items specially designed for nuclear ordnance application.

1305 Ammunition, through 30mm
Includes: Components.

1310 Ammunition, over 30mm up to 75mm
Includes: Components, except Fuzes and Primers; Chemical Warfare Cartridges.
Excludes: Fuzes and Primers.

1315 Ammunition, 75mm through 125mm
Includes: Components, except Fuzes and Primers; Pyrotechnic Cartridges and Projectiles; Chemical Warfare Cartridges and Projectiles.
Excludes: Fuzes and Primers.

1320 Ammunition, over 125mm
Includes: Components, except Fuzes and Primers; Chemical Warfare Projectiles.
Excludes: Fuzes and Primers.

1325 Bombs
Includes: Components; Photoflash Bombs; Chemical Warfare Bombs; Bomb Clusters.
Excludes: Guided Bombs converted to Guided Missiles by addition of a means of propulsion.

1330 Grenades
Includes: Components; Hand and Rifle Grenades; Smoke Grenades.
Excludes: Firing Devices (Launchers).

1336 Guided Missile Warheads and Explosive Components
Includes: Warheads Containing Military Chemical Agents; Exercise Heads, Guided Missile.
Excludes: Atomic Ordnance Warheads; All other Warheads for use on other than guided missiles; Liquid Propulsion Units; Rocket Engines (Liquid Propellant Units); JATO Units; Rocket Motors (Solid Propellant Units) for Guided Missiles; Solid Fuel Propulsion Units; Propellant Chemicals encased in consumable containers, such as squibs and cartridges for insertion into missile propulsion systems as integral parts.

1337 Guided Missile and Space Vehicle Explosive Propulsion Units, Solid Fuel; and Components

Includes: Rocket Motors (Solid Propellant Units) for Guided Missiles, Explosive-Loaded; All Explosive Components for Guided Missile and Space Vehicle Solid Fuel Propulsion Units; Solid Propellants encased in consumable containers, such as squibs and cartridges, intended for insertion into missile propulsion systems as integral parts.

Excludes: Rocket Motors (Solid Propellant Units) for Guided Missiles, Inert-Loaded or Empty; All Inert (Nonexplosive) Components for Guided Missile and Space Vehicle Solid Fuel Propulsion Units; Guided Missile Warheads and Components; Rocket Propulsion Units; Rocket Motors (Solid Propellant Units) for Rockets; Solid Propellants predetermined to specific quantity and quality, but packaged in reusable containers.

1338 Guided Missile and Space Vehicle Inert Propulsion Units, Solid Fuel; and Components

Includes: Rocket Motors (Solid Propellant Units) for Guided Missiles, Inert-Loaded or Empty; All Inert (Nonexplosive) Components for Guided Missile and Space Vehicle Solid Fuel Propulsion Units.

Excludes: Rocket Motors (Solid Propellant Units) for Guided Missiles, Explosive-Loaded; Guided Missile Warheads and Components; Rocket Propulsion Units; Rocket Motors (Solid Propellant Units) for Rockets.

1340 Rockets, Rocket Ammunition and Rocket Components

Includes: Complete Rounds; Explosive Components, Including Warheads; Pyrotechnic Rockets; Solid Fuel JATO Units; Rocket Motors (Solid Propellant Units) for Rockets; Covers, Protective Rocket Warhead; Jettisonable Rocket Launchers; Conditioning Kits and Sets, Controlled Environment; and other peculiar components which are not classified elsewhere.

Excludes: Nuclear rockets, Nuclear warheads; all other warheads for use on other than rockets; and rockets with built-in guiding devices.

1345 Land Mines

Includes: Components; Antipersonnel Mines; Antitank Mines; Fuzes.

1346 Remote Munitions

Notes: Munitions items/systems that are not held by the soldier but are deployed for future activation. They may be put in place separately by the soldier or delivered from vehicles or aircraft by mechanical distribution methods. They may be command controlled or may use self-initiated firing systems that do not require soldier monitoring. All items in this class can be armed/disarmed remotely.

Includes: Remote Munition Items and Systems used singularly or in combination to defeat a variety of threats; Fuzes; Safe and Arming devices; Self Destruction Mechanisms; Communication Modules; Command and Control systems and various other pertinent components.

1350	Underwater Mine and Components, Inert Includes: Parachute Packs; Inert Mine Cases; Booster Cans; Clock Delays; Clock Starters; Search Coils; Extenders.	1356	Torpedos and Components, Explosive Includes: Warheads; Boosters; Detonators.
1351	Underwater Mines and Components, Explosive Includes: Loaded Cases; Boosters; Detonators.	1360	Depth Charges and Components, Inert Includes: Inert Firing Mechanisms; Pistols without Detonators; Extenders.
1352	Underwater Mine Disposal Inert Devices Notes: Version of Underwater Mine Disposal Explosive Device without destructive charge. Intended for underwater mine hunting and reconnaissance. May also be used for training purposes. Includes: Complete operating units, such as an underwater mine reconnaissance device, as well as component parts, practice, training, blank, and dummies. Excludes: Torpedo Inert components, depth charges, and underwater mines.	1361	Depth Charges and Components, Explosive Includes: Cases; Boosters; Detonators.
1353	Underwater Mine Disposal Explosive Devices Notes: Complete explosive devices, including destructive charge. It is fired, guided to target and detonated from a vessel or other remote site. Includes: Complete explosive device, including ammunition, detonating charge, and component parts. Excludes: Underwater Mine Explosive Components (FSC 1351), Torpedo Explosive Components (FSC 1356), Military Chemical Agents (FSC 1365).	1365	Military Chemical Agents Includes: War Gases; Screening Smokes; Incendiary and thickening Agents; Signaling Smokes. Excludes: Ammunition containing Military Chemical Agents.
1355	Torpedos and Components, Inert	1367	Tactical Sets, Kits, and Outfits Notes: A collection of items, which are used for a specific purpose. Each collection must include at least one item of ordnance classified in Group 13. Ordnance may be non-lethal (as defined in the Department of Defense Directive 3000.3). These sets, kits and outfits may include such items as uniforms, weapons, body armor, and the like. By themselves, each of these components belongs in an FSC other than 1367.
		1370	Pyrotechnics Includes: Flares; Signals; Fireworks; Pistol Rocket Signals. Excludes: Pyrotechnic Cartridges and Projectiles; Photoflash Bombs; Pyrotechnic Rockets.

1375 Demolition Materials

Includes: Items for construction, quarrying and demolition work such as Dynamite and other explosives packed in cylindrical paper cartridges or in bags, Demolition Charges, Blasting Caps, Blasting Time Fuses, Detonating Cord, Demolition Firing Devices; Booby Trap Mechanisms; Bangalore Torpedoes; Inert accessories and components such as Blasting Machines, Priming Adapters, and Detonating Cord Clips.

Excludes: Liquid Propellant Fuels and Oxidizers; Solid Propellants encased in consumable containers, for insertion into missile propulsion systems as integral parts; Guided Missile Explosive Devices; Safety-in-Flight Explosive Items and Devices such as, Impulse Cartridges, Delay Cartridges, Aircraft Ejection Seat Catapults, Aircraft Canopy Removers, and similar items, as shown in the indexes to the FSC, Solid Propellants, predetermined to specific quantity and quality, packaged in reusable containers; Nuclear Ordnance Components; Rocket and Guided Missile Motors, Warheads, and Propulsion Sections.

1376 Bulk Explosives

Includes: Solid Propellants, predetermined to specific quantity and quality, packaged in reusable containers; Explosive Loaded Devices and Components as shown in the indexes to the FSC.

Excludes: Liquid Propellant Fuels and Oxidizers; Solid Propellants encased in consumable containers, for insertion into missile propulsion systems as integral parts; Guided Missile Explosive Devices; Blasting and Demolition Materials; Safety-in-Flight Explosive Items and Devices such as Impulse Cartridges, Delay Cartridges, Aircraft Ejection Seat Catapults, Aircraft Canopy Removers; Rocket and Guided Missile Motors, Warheads, and Propulsion Sections; similar items, as shown in the indexes to the FSC.

1377 Cartridge and Propellant Actuated Devices and Components

Notes: This class includes safety-in-flight explosive items, consisting of a quantity of propellant (either encased in a cartridge or in molded form) and a means of activation, designed to be inserted into or attached to one or more devices to provide the energy required to operate devices requiring a time delay, or not requiring a time delay, in their operating sequence. Also included are devices designed to utilize energy generated by the items described above.

Includes: Impulse Cartridges; Delay Cartridges; Engine Starter Cartridges (explosive filled); Fire Extinguisher Cartridges (used to activate by remote control); Aircraft Ejection Seat Catapults; Rocket Motors (Solid Propellant Units) for Aircraft Ejection Seats; Aircraft Canopy Removers; Thrusters, propellant and cartridge actuated; Initiators; Explosive Bolts and Explosive Bolt Cartridges; Cutters, cartridge or propellant actuated, Reefing Line; Powder actuated Tool Cartridges; Explosive Loaded Devices and Components which are not specifically classified elsewhere.

Excludes: Liquid Propellant Fuels and Oxidizers; Solid Propellants, encased in consumable containers for insertion into missile propulsion systems as an integral part; Guided Missile Explosive Devices; Bulk and Solid Propellants, predetermined to specific quantity and quality, packaged in reusable containers; Blasting and Demolition Materials; Rocket Motors, Warheads and Propulsion Sections for Rockets and Guided Missiles.

1385 Surface Use Explosive Ordnance Disposal Tools and Equipment

Notes: This class includes only specialized tools and equipment developed for and used by qualified Explosive Ordnance Disposal (EOD) personnel.

Excludes: Nonspecialized or common tools and equipment not developed exclusively for use by qualified EOD personnel; specialized demolition material; explosive loaded shaped charges.

1386 Underwater Use Explosive Ordnance Disposal and Swimmer Weapons Systems Tools and Equipment

Notes: This class includes only specialized tools and equipment developed for and used by qualified Explosive Ordnance Disposal (EOD), personnel, Underwater Demolition Teams (UDT), and/or Sea-Air-Land (SEAL) personnel

Excludes: Nonspecialized or common tools not developed exclusively for use by qualified EOD, UDT, and/or SEAL personnel; specialized demolition material; explosive loaded shaped charges

1390 Fuzes and Primers

Notes: This class includes only fuzes and primers for use in ammunition classified in Classes 1310, 1315, and 1320.

Excludes: Fuzes and Primers for ammunition not classified in Classes 1310, 1315, and 1320.

1395 Miscellaneous Ammunition

Includes: Ammunition Shapes, such as Blanks, Disks, Slugs, Cups, and Rotating Bands (Shell Bands).

1398 Specialized Ammunition Handling and Servicing Equipment

Includes: Handling and servicing equipment specially designed for use on or with rockets and conventional ammunition.

Excludes: Handling and servicing equipment specially designed for use on or with rocket and pyrotechnic launchers; Ammunition maintenance and repair shop specialized equipment; Handling equipment specially designed for aircraft or airfield use.

Group 14
Guided Missiles

Note-This group includes missiles (with or without warheads or explosive components) incorporating mechanisms capable of altering normal flight paths. Radar and infrared assemblies and components designed specifically for use with guided missiles are classified in the appropriate classes of this group. This group also includes guided bombs that have been converted to guided missiles by addition of a means of propulsion. Excluded from this group are case sections, nose cones, flare sections, center sections, warheads, explosive components, rockets, and auxiliary components of missiles and reentry vehicles which are designed or constructed for exclusive use with or for housing of nuclear warheads and/or warhead sections. Also excluded are space vehicle nose cones and space capsules specifically designed to carry loads peculiar to space research and space travel.

1410 Guided Missiles

Notes: This class includes only complete guided missiles, with or without warheads and explosive components, whether in assembled or unassembled form. End items, assemblies, parts, attachments, or accessories for use in or on guided missiles are classified in classes other than this class.

Includes: Complete Drones, initially designed as missiles, but converted to drone use. Also includes complete guided missile air launch decoys.

1420 Guided Missile Components
Includes: Structural Components; Components and Accessories Specially Designed for use on or with guided missiles, including Complete Gyro Mechanisms, Hydraulic Pumps, Automatic Pilot Mechanisms and Specially Designed Assemblies, and Electronic Guidance Equipment installed in missiles.

Excludes: Electronic Remote Guidance Equipment used to guide missiles; Solid and Liquid Propellant Units; Components of Gyro Mechanisms.

1425 Guided Missile Systems, Complete
Notes: This class includes only complete guided missile systems. Anything less than a complete system, such as individual end items, assemblies, parts, attachments, or accessories for use in guided missile systems are classified in classes other than this class.

Excludes: Guided Missile Subsystems.

1427 Guided Missile Subsystems
Notes: This class includes only combinations or assemblies of two or more end items, each of which is properly classified in other classes of this group, identified as single items of supply. Excluded from this class are individual end items, assemblies, subassemblies, attachments, accessories or parts classified in other classes of this group, not combined as single items of supply.

Excludes: Complete Guided Missile Systems.

1430 Guided Missile Remote Control Systems
Notes: This class includes airborne and nonairborne guided missile remote control systems, components, and accessories, designed specifically for use therewith. Excluded from this class are fire control assemblies, subassemblies, and components modified for use with guided missile remote control systems, and fire control assemblies designed specifically for shipboard use.

Includes: Specially Designed Components of Guided Missile Remote Control Systems.

Excludes: Guided Missile Internal (Built-in) Control Systems; Components used in both guided missiles and other than guided missiles (including fire control components).

1440 Launchers, Guided Missile
Includes: Airborne and Nonairborne Guided Missile Launchers.
Excludes: Aircraft Launchers; Rocket Launchers.

1450 Guided Missile Handling and Servicing Equipment
Includes: Specially Designed Trucks and Trailers for use in transporting guided missiles; Specially Designed Slings, Hoists, Jacks, and Blowers; Self-propelled Vehicles and Trailers, Specially Designed for Guided Missile Handling or Servicing; Covers, Guided Missile; Conditioning Kits and Sets, Controlled Environment.
Excludes: Guided Missile Launchers (FSC 1440); Aircraft Handling and Servicing Equipment (FSC 1730).

**Group 15
Aircraft and Airframe Structural Components**

- 1510 Aircraft, Fixed Wing
Notes: This class includes only complete aircraft. End items, assemblies, parts, attachments, or accessories for use in or on fixed wing aircraft are classified in classes other than this class.
- 1520 Aircraft, Rotary Wing
Notes: This class includes only complete aircraft. End items, assemblies, parts, attachments, or accessories for use in or on rotary wing aircraft are classified in classes other than this class.
Includes: Helicopters.
- 1540 Gliders
Notes: This class includes only complete gliders. End items, assemblies, parts, attachments, or accessories for use in or on gliders are classified in classes other than this class.
Includes: Motorized Gliders.

- 1550 Unmanned Aircraft
Notes: This class includes only complete unmanned aircraft systems and subordinate air vehicles. Other major items, assemblies, parts, attachments, or accessories for use in or on unmanned aircraft systems are classified in classes other than this class.
Includes: Unmanned Aircraft Systems (UASs) and Drones specifically designed for such uses as targets, training, surveillance, missile evaluation, photographic reconnaissance, weapons delivery, communications relay/network gateway, electronic warfare, search and rescue, re-supply or other military operations.
Excludes: Converted or modified guided missiles.
- 1560 Airframe Structural Components
Notes: This class includes fabricated system parts that are permanently attached or peculiar to the integral airframe of an aircraft, such as support structural components, spars, ribs, ailerons, stabilizers, bulkheads.
Includes: Flight Control Surfaces; Internal and External Auxiliary Fuel Tanks; Exhaust Systems; Pylons, Trim Tabs; Aircraft.
Excludes: Fitted Covers; Helicopter Rotor Brake System Components; Aircraft Loose Equipment and Alternate Mission Configuration Equipment stored on board the aircraft.

Group 16
Aircraft Components and Accessories

1610 Aircraft Propellers and Components
Includes: Aircraft Propellers; Propeller Blades, Cams, Cones, Hubs, Nuts, and Spinners; Test Clubs; Synchronizers; Power Control Units; Integral Oil Control Measures and Propeller Governors.

Excludes: Rotary Rudder and Rotary Wing Blades (FSC 1615).

1615 Helicopter Rotor Blades, Drive Mechanisms and Components
Notes: This class includes miscellaneous component parts specifically designed for, and used exclusively in, helicopter drive mechanisms and rotor blades when not specifically classified elsewhere in the FSC indexes.

Includes: Helicopter dynamic components and specially designed parts that transmit power from the aircraft power plant to the rotary wing and rotary rudder. Also included in this class are Rotors; Blades; Rotor Blade, Trim, Tabs; Blade Sets; Yokes; Clutches and Transmissions.

Excludes: Propellers (FSC 1610); Rotor Brake Systems Components (FSC 1630); Rotor Blade Hydraulic Folding System Components (FSC 1650); Hydraulic Servo System Components (FSC 1650).

1620 Aircraft Landing Gear Components
Includes: Shock Struts and Components; Installation Elements, such as Torsion Bars, Vibration Links, Drag Struts; Landing Gear Trunions, Axles and Shimmy Dampeners; Specially designed hydraulic power steering system components.

Excludes: Mounting Braces and Mounting Plates permanently installed on aircraft (FSC 1680); Landing Wheels, Skis, and Floats (FSC 1630); Wheel Brakes and Wheel Brake Cylinders (FSC 1630).

1630 Aircraft Wheel and Brake Systems
Includes: Skis; Floats; Tracks; Landing Wheel Skid Detectors; Valves specifically designed for use with hydraulic or pneumatic wheel and brake systems; Helicopter Rotor Brake System Components.

Excludes: Landing Gear Axles (FSC 1620).

1640 Aircraft Control Cable Products
Notes: Wire rope, with attachments or terminations and pulleys, used in aircraft control applications, will be classified in this class.

Includes: Wire Rope; Single Leg Wire Assemblies; Wire Strands; Control Pulleys; Turnbuckle Lock Clips and other wire rope attachments and terminations.

Excludes: General use Chain and Wire Rope (FSC 4010); general use Pulleys (FSC 3020); general use Miscellaneous Hardware (FSC 5340); general use Fittings for Rope, Cable and Chain (FSC 4030).

1650 Aircraft Hydraulic, Vacuum, and De-icing System Components

Notes: This class includes only those components specifically designed for aircraft use.

Includes: Hydraulic and Pneumatic Accumulators, Pumps, Motors, Actuating Cylinders, and Filters; De-icing Boots; Fluid Type De-icing Pumps, Valves and Filters; Vacuum System Oil Separators; Pneumatic Pressurization Equipment other than that for pressurizing cabins and compartments.

Excludes: Jet Engine Hydraulic Components (FSC 2840); Valves specifically designed for air conditioning, heating, ventilating, cabin pressurizing, and thermal de-icing (FSC 1660); Valves specifically designed for use with Aircraft Engines (FSC 2840); Guided Missiles and Guided Missile Engines (FSC 1338), Landing Gear (FSC 1620), Wheel and Brake System Components (FSC 1630); Oxygen Breathing System Components (FSC 1660); In-flight Refueling System Hydraulic components (FSC 1680); Specifically designed hydraulic power steering system components (FSC 1620).

1660 Aircraft Air Conditioning, Heating, and Pressurizing Equipment

Notes: This class includes components specifically designed for use in aircraft air conditioning, heating, and pressurizing equipment. Also included are specially designed components of oxygen breathing systems used in aircraft.

Includes: Cabin Supercharging Equipment; Canisters; Cylinder Assemblies; Masks; Fixed Oxygen System; Specially Designed Aircraft Valves; Cabin Pressure Regulators; Heat Exchangers; Air Expansion Turbines; Aircraft Heaters; Ventilating System Components; Air Conditioning and Heating Duct Assemblies; Thermal De-icing Equipment; Cabin and Compartment Pressurizing Equipment; Air Diffusers; Cabin Pressure Selectors; Liquid Oxygen Converters.

Excludes: Oxygen Pressure Signals and Warning Devices; Tubing; Ground Type Heaters and Coolers; Pressurizing Equipment other than that used for Cabin and Compartment Pressurization; Fluid De-icing Equipment; Valves specifically designed for use with Aircraft Engines, Guided Missiles, and Guided Missile Engines.

- 1670 Parachutes; Aerial Pick Up, Delivery, Recovery Systems; and Cargo Tie Down Equipment
- Notes: Includes specifically designed items, sets, and systems for air-to-air, air-to-surface, and surface-to-air delivery, pick up, and recovery operations, unless parts, attachments, assemblies, for use in or on such systems (i.e., space vehicle aerial recovery systems) are specifically indexed to other classes of the FSC (i.e., Transmitting Radio Buoys and Direction Finding Subsystem Components).
- Excludes: Fitting Assemblies built into the aircraft structure.
- 1680 Miscellaneous Aircraft Accessories and Components
- Includes: Control Assemblies, Push-Pull; Brace, Positioning Cargo Ramp stowed on board; Cockpit Mounted Control Quadrants; Actuators, Electro-Mechanical and Mechanical; Ventilators; Relief Tubes; Map Holders; Aerial Glider Towing Accessories attached to Aircraft; Belts, Safety and Lap; Harness, Shoulder and Safety; Litter Attaching Supports; Electric Windshield Wipers; Aircraft Onboard Inert Gas Generators; Aircraft Furniture; Aircraft Mounted Winches and Hoists; In-Flight Refueling System Components, including Fuel Components; Aircraft Curtains; Cable Tension Regulators; Sun Visors; Rear-View Mirrors; Mechanical Transmissions, Gearboxes and Constant Speed drives Specially designed for aircraft.
- Excludes: Engine Mounted Control Assemblies; Fitted Covers, Aircraft Pylons; Helicopter Rotor Brake System Components; Helicopter Automatic Stabilization Equipment.

**Group 17
Aircraft Launching, Landing, and Ground Handling Equipment**

Note-Excluded from this Group are trucks, trailers, and servicing equipment specially designed for guided missile or atomic ordnance use

- 1710 Aircraft Landing Equipment
- Includes: Aircraft Arresting Barriers.
- Excludes: Airport Runway Marker Lights (FSC 6220).
- 1720 Aircraft Launching Equipment
- Includes: Catapults.
- Excludes: Guided Missile Launchers (FSC 1440) and Space Vehicle Launchers (FSC 1840).
- 1730 Aircraft Ground Servicing Equipment
- Notes: This class excludes "vehicular components" such as those listed under FSC's 2520, 2530, 2540, 2590.
- Includes: Energizers; Engine Preheaters; Mooring Assemblies; Wheel Chocks; Beaching Equipment; Aileron, Elevator, and Rudder Locks; Passenger Loading Ramps; Maintenance Platforms; Aircraft Maintenance and Boarding Ladders; Aircraft Maintenance Slings and Hoists; Aircraft Fin Tilting Jacks; Airfield Specialized Lift Trucks and Trailers; Fitted Covers for Airframe Components; Aircraft Engine Covers.
- Excludes: Airfield Specialized Trucks and Trailers designed primarily for transporting aircraft assemblies (FSC 1740); Maintenance Stands designed for support of aircraft assemblies during repair or overhaul (FSC 4920); Test Stands (FSC 4920); General Purpose Jacks (FSC 5120); Slings (FSC 3940), and Hoists (FSC 3950); Trailers (FSC 2330), Liquid Oxygen, Aircraft Servicing (FSC 1660).

1740 Airfield Specialized Trucks and Trailers

Notes: This class excludes "vehicular components" such as those listed under FSC's 2520, 2530, and 2590.

Includes: Airfield Specialized Trucks and Trailers designed primarily for transporting aircraft assemblies; Trailers: Afterburner, Engine, Propeller, Fuselage, and Wing; Trucks, Aircraft Fuselage and Aircraft Wing; Skids, Engine Transport; Stands, Engine Transport; Bomb Trailers, Airfield; Trucks, Crashed Aircraft Removing.

Excludes: Airfield Specialized Lift Trucks (FSC 3930), and Trailers (FSC 2330); Highway Type Trucks (FSC 2320), and Trailers (FSC 2330); Cargo Loading and Unloading Trailers (FSC 2330) and Trucks (FSC 2320).

**Group 18
Space Vehicles**

Note-This group includes space vehicles, such as space capsules, man-made moons, orbitals, satellites, space platforms, and the like, manned or unmanned. Excluded from this group are guided missiles and rockets.

1810 Space Vehicles

Notes: This class includes only complete space vehicles, whether in assembled or unassembled form.

1820 Space Vehicle Components

Includes: Structural Components; Components and Accessories specially designed for installation in or on Space Vehicles; Internal (Built-in) Control Systems.

Excludes: Remote Guidance Equipment.

1830 Space Vehicle Remote Control Systems

Includes: Specifically designed Components of Space Vehicle Remote Control Systems.

Excludes: Internal (Built-in) Control Systems; Components designed for use with both Guided Missile and Space Vehicle Systems.

1840 Space Vehicle Launchers

Includes: Launchers specifically designed for Space Vehicles.

Excludes: Launchers used with both Guided Missiles and Space Vehicles.

1850 Space Vehicle Handling and Servicing Equipment

Notes: This class does not include space vehicle aerial recovery system which are classified in Class 1670.

Includes: Specially designed Trucks and Trailers for use in transporting Space Vehicles; Specially designed Slings, Hoists, Jacks, and Blowers, Self-propelled Vehicles, specially designed for space vehicle handling or servicing; Covers, space vehicle

Excludes: Equipment used in handling or servicing both Guided Missile and Space Vehicles.

1860 Space Survival Equipment

Includes: Food and Water Production Equipment; Air Production Equipment; Shelter Equipment; Power Generation and Conversion Equipment.

Excludes: Items which are integral components of Space Vehicles.

**Group 19
Ships, Small Craft, Pontoons, and Floating
Docks**

Note-Only complete ships, small craft, floating docks, floating dry docks, and dredges (with or without hull) are classified in this group. End items, assemblies, parts, attachments or accessories for use in or on the above are classified in Group 20-Ship and Marine Equipment, unless other classes (outside of Group 19) are applicable.

- 1905 Combat Ships and Landing Vessels
Includes: Aircraft Carriers; Battleships; Cruisers; Destroyers; Submarines; Frigates and Corvettes; Gunboats; Motor Torpedo Boats; Subchasers; Landing Barges; Minelaying and Mine Sweeping Craft.
- 1910 Transport Vessels, Passenger and Troop
- 1915 Cargo and Tanker Vessels
- 1920 Fishing Vessels
- 1925 Special Service Vessels
Includes: Tugs; Towboats; Fire Boats; Ice Breakers; Repair Ships; Tender Vessels (Buoy, Lighthouse, Destroyer); Lightships; Cable Ships; Salvage and Submarine Rescue Vessels.
Excludes: Combat Vessels; Dredges.
- 1930 Barges and Lighters, Cargo
Includes: Aircraft Lighters, Car Floats, and other Transportation Barges, Depot Barges; Scows.

- 1935 Barges and Lighters, Special Purpose
Includes: Derrick, Piledriver, and Rock Cutter Barges; Barrage Balloon, Catapult Lighter, and Torpedo Testing Barges; Concrete Mixing Plant, Mechanical Bank Grader, and other Bank Revetment Barges; Fire, Smudge Removal, and other Pump Barges; Houseboats, except Yacht Type; Power Plant Barges; Refrigeration Barges; Barge Mounted Cranes, Flexible Towed Barges.
Excludes: Combat Landing Barges.
- 1940 Small Craft
Includes: Powered and Unpowered Small Craft; Lifesaving Boats; Airplane Crash Boats; Reconnaissance Boats; Yachts; Pneumatic Boats.
Excludes: Fishing Craft; Life Rafts, including Pneumatic; Bridge Floats and Pontoons.
- 1945 Pontoons and Floating Docks
Includes: Camels; Pontoon Stanchions; Pontoon Ramps.
Excludes: Floating Drydocks; Bridge Floats and Pontoons; Pontoon Hardware (Jewelry).
- 1950 Floating Drydocks
- 1955 Dredges
Includes: Dredges, without Hull; Ocean-Going Dredges; Floating Dredges.
- 1990 Miscellaneous Vessels
Includes: Commercial Sailing Vessels.

**Group 20
Ship and Marine Equipment**

- 2010 Ship and Boat Propulsion Components
Includes: Propulsion Shafts; Ship Proppellers. Marine Transmissions, Reverse and Reduction Gear Type.

Excludes: Engines (FSC 2810, 2815); Turbines (FSC 2825, 2835, 2840).
- 2020 Rigging and Rigging Gear
Includes: Masts; Kingposts; Sail Booms; Shipborne Booms not attached to Cranes and Derricks.

Excludes: Tackle Blocks.
- 2030 Deck Machinery
Includes: Steering Gears and Controls; Boat Davits.
- 2040 Marine Hardware and Hull Items
Includes: Anchors; Grapnels; Sea Anchors; Watertight Doors; Ship Ventilators; Hatches; Manholes; Scuttles; Air Ports; Fenders; Sea Chests; Scuppers; Rudders; Stern Tubes; Chain Pipes; Hawse Pipes; Boiler Uptakes and Stacks; Chocks; Mast and Boom Fittings; Oars; Paddles; Oarlocks.
- 2050 Buoys
- 2060 Commercial Fishing Equipment
Excludes: Fishing Vessels.
- 2090 Miscellaneous Ship and Marine Equipment
Includes: Sails; Chain Ladders; Rope Ladders; Marine Furniture.

**Group 22
Railway Equipment**

- 2210 Locomotives

Notes: This class includes only complete locomotives and tenders. End items, assemblies, parts, attachments, or accessories for use in or on locomotives and tenders are classified in classes other than this class.

Excludes: Self-Propelled Cars.
- 2220 Rail Cars

Notes: This class includes only complete rail cars. End items, assemblies, parts, attachments, or accessories for use in or on rail cars are classified in classes other than this class.

Includes: Trailed Cars; Self-Propelled Cars.

Excludes: Aerial Tramway Cars.
- 2230 Right-of-Way Construction and Maintenance Equipment, Railroad

Includes: Rail Laying, Joining and Shifting Equipment; Self-propelled and Car Mounted Cranes.

Excludes: Hand Tools (FSG 51).
- 2240 Locomotive and Rail Car Accessories and Components

Includes: Brake Beams and Components; Couplers; Trucks and Components; Journals and Components; Wheel Sets and Components.

Excludes: Railroad Furniture (FSG 71).

2250 Track Material, Railroad
Includes: Railroad Rails; Railroad Tie Plates; Railroad Turnouts and Components; Railroad Spikes.
Excludes: Ballast (FSC 5610); Railroad Ties (FSC 5510).

**Group 23
Ground Effect Vehicles, Motor Vehicles,
Trailers, and Cycles**

2305 Ground Effect Vehicles

2310 Passenger Motor Vehicles

Notes: This class includes only complete passenger motor vehicles, and chassis therefor. Any end items, assemblies, parts, attachments, or accessories, other than complete chassis, for use in or on passenger motor vehicles are classified in classes other than this class.

Includes: Cars, Motor, Highway; Busses; Chassis, Passenger Motor Vehicle; Hearses; Ambulances.

Excludes: Amphibious Personnel Carriers; All Truck Chassis; Mine Resistant Ambush Protected Vehicles (2355).

2320 Trucks and Truck Tractors, Wheeled

Notes: This class includes only complete wheel mounted trucks and truck tractors, and chassis therefor. Any end items, assemblies, parts, attachments, or accessories other than complete chassis, for use in or on such trucks or truck tractors are classified in classes other than this class. The combined chassis and body of a special purpose truck, such as a machine shop, mobile laundry, or dental laboratory, is classified in this class. The complete mobile unit, consisting of chassis, body, and additional equipment, as in an equipped truck mounted machine shop, is excluded from this class.

Includes: Panel, Delivery and Pick Up Trucks, Military Cargo Carrying Vehicles, including Wheel Mounted Amphibian Vehicles; Truck Tractors and Trailer Combinations.

Excludes: Fire Trucks; Special Construction Type Earth and Rock Hauling Trucks; Motorized Air Compressors; Motorized Concrete Mixers; Construction Specialized Machinery Generally; Specially designed trucks for use in and around airfields, hangers, and warehouses; Vehicles specifically designed and/or modified for combat, assault, and tactical situations. Tracked and Halftracked Vehicles. Wheeled Self-Propelled Combat, Assault, and Tactical Vehicles with or without amphibian capabilities; Armored Wheeled Vehicles; Mine Resistant Ambush Protected Vehicles (2355); Self-Propelled Wheeled Sleds; and Self-Propelled Wheeled Flame Throwers.

2330 Trailers

Notes: This class includes only complete trailers, and chassis therefor. Any end items, assemblies, parts, attachments, or accessories, other than complete chassis, for use in or on trailers are classified in classes other than this class. The combined chassis and body of a special purpose trailer, such as a machine shop, mobile laundry, or dental laboratory, is classified in this class. The complete mobile unit, consisting of chassis, body, and additional equipment, as in an equipped trailer-mounted machine shop, is excluded from this class.

Includes: Semitrailers; Semitrailer Dollies; Cargo Trailers; Passenger and House Trailers; Special Purpose Trailers, such as Ammunition.

Excludes: Fire Fighting Trailers; Specially designed trailers for use in and around airfields, hangars, and warehouses.

2340 Motorcycles, Motor Scooters, and Bicycles

Notes: This class includes only complete motorcycles, complete motor scooters, and complete bicycles. End items, assemblies, parts, attachments, or accessories for use in or on motorcycles, motor scooters, or bicycles are classified in classes other than this class.

Includes: Sidecars; Tricycles.

Excludes: Children's Wheeled Goods.

2350 Combat, Assault, and Tactical Vehicles, Tracked

Notes: This class includes only complete combat, assault, and tactical tracked vehicles, and chassis. Any end items, assemblies, parts, attachments, or accessories, other than complete chassis, for use in or on such vehicles are classified in classes other than this class.

Includes: Tanks and Tracked Self-Propelled Weapons and Vehicles with or without amphibian capabilities; Armored Halftracks; Self-Propelled Sleds; and Self-Propelled Flame Throwers.

Excludes: Wheel Mounted Vehicles.

2355 Combat, Assault, and Tactical Vehicles, Wheeled

Notes: This class includes only complete combat, assault, and tactical wheeled vehicles and chassis. Any end items, assemblies, parts, attachments, or accessories, other than complete chassis, for use in or on such vehicles are classified in classes other than this class.

Includes: Wheeled Self-Propelled Weapons and combat vehicles with or without amphibian capabilities; Armored Wheeled Vehicles; Mine Resistant Ambush Protected Vehicles; Self-Propelled Wheeled Sleds; and Self-Propelled Wheeled Flame Throwers.

Excludes: Track Mounted Vehicles; Vehicles not specifically designed for combat, assault, tactical situations; Passenger Motor Vehicles (FSC 2310)

**Group 24
Tractors**

Note-This group includes only complete tractors and tractor chassis. Assemblies, subassemblies, parts, attachments or accessories are excluded from this group.

2410 Tractor, Full Tracked, Low Speed

Notes: This class includes only complete low speed, full track tractors, and chassis. Any end items, assemblies, parts, attachments, or accessories, other than complete chassis, for use in or on low speed, full track tractors, are classified in classes other than this class.

Excludes: High Speed Tractors (FSC 2430); Armored Dozer-Scraper Combination Tractors (FSC 2350).

2420 Tractors, Wheeled

Notes: This class includes only complete wheeled tractors, and chassis. Any end items, assemblies, parts, attachments, or accessories, other than complete chassis, for use in or on wheeled tractors, are classified in classes other than this class.

Includes: Agricultural Tractors; High Speed Tractors; Industrial Tractors.

Excludes: Aircraft Towing Tractors and Crashed Aircraft Moving Tractors (FSC 1740); Aircraft Towing-Power Servicing Tractors (FSC 1730); Warehouse Tractors (FSC 3930).

2430 Tractors, Full Tracked, High Speed

Notes: This class includes only complete high speed track laying tractors, and chassis. Any end items, assemblies, parts, attachments, or accessories, other than complete chassis, for use in or on high speed track laying tractors, are classified in classes other than this class.

Excludes: Low Speed Tractor (FSC 2410); Armored Dozer-Scraper Combination Tractors (FSC 2350).

**Group 25
Vehicular Equipment Components**

Note-The term "vehicular" as delimited for group 25, is applicable to those vehicles and tractors included in groups 23 and 24, construction vehicles included in group 38, and warehouse trucks, tractors, and trailers included in group 39. It does not apply to railway vehicles (group 22), aircraft (group 15), or watercraft (group 19). An item of supply which is a "vehicular" component, within the scope delimited above, is classified in this group regardless of whether it has additional applications on vehicles outside the delimitations for this group.

2510 Vehicular Cab, Body, and Frame Structural Components

Includes: Leaf Type Vehicular Springs; Suspension Type Shock Absorbers.

Excludes: Vehicular Hardware (FSC 53); Specialized Vehicular Furniture (FSC 2540).

2520 Vehicular Power Transmission Components

Includes: Transfer Transmission Assemblies; Clutch Assemblies; Universal Joints; Propeller Shafts; Automotive Torque Converters; Power Takeoffs.

- 2530 Vehicular Brake, Steering, Axle, Wheel, and Track Components
Includes: Turrent Brakes; Clutch Brakes, Tank Turret.
- 2540 Vehicular Furniture and Accessories
Includes: Automobile Seat Covers; Shock Absorbers; Bumpers; Windshield Wipers; Bumper Guards; Mirrors, Rear View and Side View; Vehicle Heaters.
Excludes: Speedometers (FSC 6680); Suspension Type Shock Absorbers (FSC 2510).
- 2541 Weapons Systems Specific Vehicular Accessories
Includes: Accessory Kits and Boxes, Parts Kits, and individual components used in the repair and/or modification of Weapons System type Vehicles such as Tanks, Personnel Carriers, Mobile Howitzers, and the like.
Excludes: Items used in the repair and/or modifications of Commercial Type Vehicles (FSC 2540), vehicular type light fixtures (FSC 6220), and electronic switches, parts kits, and modification kits (FSG 59).
- 2590 Miscellaneous Vehicular Components
Includes: Attachments for Tanks, Self-propelled Weapons, and High Speed Tractors; A-frames and Winches specifically designed for truck mounting; Cranes and Crane Booms for Wrecker Trucks.

**Group 26
Tires and Tubes**

- 2610 Tires and Tubes, Pneumatic, Except Aircraft
Excludes: Aircraft Pneumatic Tires and Tubes.

- 2620 Tires and Tubes, Pneumatic, Aircraft
- 2630 Tires, Solid and Cushion
Includes: Rubber Track Laying Treads.
- 2640 Tire Rebuilding and Tire and Tube Repair Materials
Includes: Tread Gum; Cold Patches; Friction Cord Fabric; Vulcanizing Patches; Padding Stock; Quick-Cure Gum; Tire and Tube Repair Kits; Camelback; Valves; Valve Cores.
Excludes: Vulcanizing Machinery and Equipment.

**Group 28
Engines, Turbines, and Components**

- 2805 Gasoline Reciprocating Engines, Except Aircraft; and Components
Includes: Gas Reciprocating Engines; All Gasoline Reciprocating Engines except Aircraft Prime Moving.
Excludes: Engine Accessories (FSC 2990).

2810 Gasoline Reciprocating Engines, Aircraft Prime Mover; and Components

Notes: Engines and components classified in this FSC must be desinged specifically for use as/on an aircraft prime mover. Auxiliary engines and their components will be classified in the appropriate FSC elsewhere in FSG 28.

Includes: Complete Engine Assemblies; Piston Rings; Cylinders; Pistons; Camshafts; Crankshafts.

Excludes: Fuel System Components (Carburetors; Carburetor Floats; Fuel Pumps; Fuel Controls; Fuel Valves) (FSC 2915); Electrical System Components (Spark Plug Adapters; Ignition Distributors; Ignition Coils, Electrical Starters) (FSC 2925); Engine Cooling System Components (Engine Oil Coolers; Cooling Radiators) (FSC 2935); Engine Air/Oil Cleaners/Filters/Strainers (FSC 2945); Miscellaneous Engine Accessories (Pneumatic Starters, Cowling Mounts, Control Assemblies) (FSC 2995).

2815 Diesel Engines and Components

Includes: Automotive, Industrial, Marine, Locomotive, and all other types of Diesel and Semi-Diesel Engines.

Excludes: Engines Accessories (FSC 2990).

2820 Steam Engines, Reciprocating; and Components

2825 Steam Turbines and Components

Includes: Mercury Vapor Turbines.

2830 Water Turbines and Water Wheels; and Components

2835 Gas Turbines and Jet Engines; Non-Aircraft Prime Mover, Aircraft Non-Prime Mover, and Components

Notes: Engines and Components classified in this FSC are primarily for use on non-aircraft prime mover (e.g., Naval ship applications), aircraft non-prime mover (e.g., airframe mounted auxiliary power units), and for aircraft ground support equipment (e.g., start carts).

Includes: Airflow Deflectors; Combustion Chambers, Compressors, Turbines, Accessory Gear Boxes and their Components.

Excludes: Components for Gas Turbines and Jet Engines, Aircraft Prime Mover (FSC 2840); Engine Fuel Systems (FSC 2910); Engine Electrical Systems (FSC 2920); Engine Cooling Systems (FSC 2930); Engine Air/Oil Cleaners/Filters/Strainers (FSC 2940); Engine Accessories (Air Duct Heaters, Engine Mounted Control Assemblies) (FSC 2990).

2840 Gas Turbines and Jet Engines, Aircraft, Prime Moving; and Components

Notes: Engines and Components classified in this FSC are intended for use as/on aircraft and/or guided missile prime movers.

Includes: Compressor and Turbine Rotors; Blades; Combustion Chamber; Accessory Gear Box; Afterburner; Exhaust Cone; Reservoirs, Hydraulic; Tank, Oil.

Excludes: Oil, Air, Anti-icing, and Hydraulic Regulators, Valves, and Pumps specially designed for Gas Turbines and Jet Engines (FSC 2995); Control Assemblies, Push-Pull (FSC 2995); Engine Mounted Control Assemblies (FSC 2995); Fuel System Components (FSC 2915); Engine Electrical System Components (FSC 2925); Engine Cooling System Components (FSC 2935); Engine Air/Oil Cleaner/Filter/Strainers (FSC 2945).

2845 Rocket Engines and Components

Includes: Rocket Prime Movers, Liquid Type, including Liquid Jet Assisted Take Off (JATO) Units, for use in aircraft, rockets, and guided missiles; Liquid Propellants encased in consumable containers, intended for insertion into missile propulsion systems as integral parts.

Excludes: Rocket Motors - Solid Propellant Units (FSC 1337); Liquid Propellants predetermined to specific quantity and quality, but packaged in reusable containers; Solid Propellant Squibs and Cartridges, whether intended for insertion into Liquid Propellant Systems or not (FSC 1337).

2850 Gasoline Rotary Engines and Components

2895 Miscellaneous Engines and Components

Includes: Wind and Compressed Air Engines.

**Group 29
Engine Accessories**

Note-Unless specifically excluded, engine accessories for all vehicles, such as aircraft, motor vehicles, ships, tractors, and construction vehicles, as well as accessories for stationary engines, are classified in this Group.

2910 Engine Fuel System Components, Nonaircraft

Includes: Carburetors; Fuel Pumps; Engine Fuel Filters; Fuel Tanks; Components for all engines except Aircraft and Guided Missile Prime Moving.

2915 Engine Fuel System Components, Aircraft and Missile Prime Movers

Notes: Fuel components specially designed for propulsion fuel systems, aircraft and missiles are to be placed in this FSC.

Includes: Carburetors; Fuel Pumps; Engine Fuel Filters; Fuel Controls, Jet Engine; Fuel Primers; Water Injection Controls and Valves; Fuel Valves Fuel Flow Regulators; Components of Smoke Abatement Systems.

Excludes: Aircraft Fuel Tanks (FSC 1560); In-flight Refueling System Fuel Components (FSC 1680). Fuel System Components not specifically designed for use with Aircraft Engines or Missile Prime-movers.

2920 Engine Electrical System Components, Nonaircraft

Includes: Generators; Magnetos; Spark Plugs; Ignition Coils; Ignition Distributors; Engine Voltage Regulators; Ignition Harness Assemblies; Starting Motors for Engines.

Excludes: Vehicular Lighting Fixtures (FSC 6220) and Aircraft Generators (FSC 2925).

2925 Engine Electrical System Components, Aircraft Prime Moving

Notes: Items designed for specific use on aircraft and guided missile prime movers are to be placed in this FSC.

Includes: Magnetos; Igniters (Spark Plugs); Ignition Coils; Ignition Distributors; Engine Voltage Regulators; Ignition Harness Assemblies; Starting Motors for Engines; Engine Accessory Generators.

Excludes: Aircraft Lighting Fixtures (FSC 6220); Auxiliary Aircraft Generators (FSC 6115).

2930 Engine Cooling System Components, Nonaircraft

Includes: Cooling Fans; Radiators; Water Pumps; Water Hose Assemblies; Engine Coolant Filters; Components for all Engines except Aircraft and Guided Missile Prime Moving.

2935 Engine System Cooling Components, Aircraft Prime Moving

Notes: This class includes only cooling system components for aircraft and/or guided missile prime movers only.

Includes: Radiators; Cooling System Pumps; Water Hose Assemblies; Lubricating Oil Coolers and Control Valves; Oil Temperature Regulators.

Excludes: Cooling System Components not specifically designed for use with Aircraft Engines.

2940 Engine Air and Oil Filters, Strainers, and Cleaners, Nonaircraft

Includes: Components for all Engines except Aircraft and Guided Missile Prime Moving.

Excludes: Air and Oil Filters (FSC 4310, 4330), Strainers (FSC 4730) and Cleaners (FSC 4310) not specifically designed for use with engines.

2945 Engine Air and Oil Filters, Cleaners, Aircraft Prime Moving

Notes: Items placed in this FSC should be specifically designed for use on aircraft or guided missile prime movers only.

Includes: Air Filters; Oil Filters; Strainers; Cleaners.

Excludes: Fuel Filters (FSC 2915); Items designed for other than Engines.

2950 Turbosupercharger and Components

Notes: All turbosuperchargers and their components not elsewhere classifiable will be classified in this FSC.

Includes: Turbosupercharged Regulators; Engine Turbosuperchargers.

Excludes: Engine Integrated Superchargers (FSG 28).

- 2990 Miscellaneous Engine Accessories, Nonaircraft
- Includes: Engine Dynafocal Suspension Mounts; Engine Driven Superchargers (not integrated with engine); Starter Cranks; Engine Starter Ropes; Exhaust Mufflers; Hand Inertia Starters; Air Duct Heaters; Engine Governors; Intake Mufflers; Combustion Type Starters; Miscellaneous Accessories for all Engines except Aircraft and Guided Missile Prime Moving.
- Excludes: Electrical Starters Non-Aircraft (FSC 2920); Aircraft (FSC 2925).
- 2995 Miscellaneous Engine Accessories, Aircraft
- Notes: Items classified in this class must be specifically designed for use with aircraft or quided missile primemovers only.
- Includes: Engine Dynafocal Suspension Mounts; Engine Cowling Mounts; Engine Mounted Control Assemblies; Pneumatic Starters; Push-Pull Control Assemblies; Specially designed Jet Engine Air, Oil, Anti-icing and Hydraulic Regulators; Valves and Pumps; Starting Units.
- Excludes: Exhaust System; (FSC 1560); Jet Engine Hydraulic Reservoirs (FSC 2840); Jet Engine Oil Tanks (FSC 2840); Electrical Starters (FSC 2925); Cockpit Mounted Control Quadrants (FSC 1680); Aircraft Engine Covers (FSC 1730).

**Group 30
Mechanical Power Transmission Equipment**

- 3010 Torque Converters and Speed Changers
- Includes: Fluid Couplings; Nonvehicular Clutches and Couplings; Horizontal Right Angle Drive Gear Units.
- Excludes: Automotive Torque Converters (FSC 2520); Vehicular Power Transmission Components (FSC 2520); Rotary Aircraft Transmission Gear Units (FSC 1615).
- 3020 Gears, Pulleys, Sprockets, and Transmission Chain
- Includes: Power Transmission Chain; Matched Gear Sets.
- Excludes: Reduction Gears (FSC 3010).
- 3030 Belting, Drive Belts, Fan Belts, and Accessories
- Includes: Belt Lacings; Belt Pins.
- 3040 Miscellaneous Power Transmission Equipment
- Includes: Shafts and Shafting; Collars; Gearshafts; Ball Joints; Actuating Cylinders.

**Group 31
Bearings**

Note-All bearings, including specially designed, lubricated, and/or selected, are to be classified in the appropriate classes of this group.

Bearings are parts that supports another part which rotates, slides, or oscillates in or on it.

3110 Bearings, Antifriction, Unmounted

Notes: This class includes bearings that generally have roller or balls confined by an inner and outer ring to relieve friction in/on/around rotating/moving mechanisms.

Includes: Ball Bearings; Roller Bearings; Balls; Races.

Excludes: Plain Bearings (FSC 3120); Jewel Bearings (FSC 3120)

3120 Bearings, Plain, Unmounted

Notes: Bearings in this class are generally one piece that retain and position moving and/or rotating parts. They may have lubrication grooves/fittings/facilities or include pre-lubrication.

Includes: Sleeve Bearings; Split Bearings; Washer Type Bearings; Jewel Bearings.

Excludes: Antifriction Bearings (FSC 3110); Mounted Bearings (FSC 3130).

3130 Bearings, Mounted

Notes: This class includes bearings that generally have roller or balls confined by an inner and outer ring to relieve friction in/on/around rotating/moving mechanisms.

Includes: Pillow Block Units; Cartridge Units; Flange Units; Takeup Units; Hanger Box Units; Flat Box Units; Step Box Units.

Excludes: Antifriction Bearings (FSC 3110); Plain Unmounted Bearings (FSC 3120).

**Group 32
Woodworking Machinery and Equipment**

3210 Sawmill and Planing Mill Machinery

3220 Woodworking Machines

Includes: Mortisers; Tenoners; Veneer Lathes.

Excludes: Hand Held Power Driven Tools; Hand Held Tools Operated by Flexible Shaft.

3230 Tools and Attachments for Woodworking Machinery

Includes: Circular and Band Saw Blades; Cutter Heads; Jointer and Notcher Heads; Cutters.

Excludes: Head Turning Tools.

**Group 34
Metalworking Machinery**

3405 Saws and Filing Machines

Includes: Cutoff Machines; Saw Blade Dressing Machines; Retooling Machines.

3408	Machining Centers and Way-Type Machines	<p>Notes: The following definitions apply to "Machining Centers" and "Way-type Machines". a. "Machining Center", refers to a multipurpose numerically controlled machine tool for the complete and automatic machining of parts requiring multiple operations such as milling, drilling, tapping, boring, and reaming, having an integral tool storage device and an integral means for positioning various faces of the work piece. It must have facilities for automatic interchanging of varied cutting tools between successive operations. Excluded from this class are multipurpose numerically controlled machine tools, such as Boring-Drilling-Milling Machines, which require the use of an attachment or accessory for tool storage and/or to position the various faces of a work piece. These types of equipment are classified in other appropriate classes within group 34. b. "Way-type Machine", refers to a special machine tool of station type design consisting of individually mounted self-contained machining units and facilities for indexing the work piece to each station in a predetermined sequence. The machining unit(s) may be disassembled and rearranged to accommodate different work piece configurations. Machine is capable of performing single or multiple operations on the work piece simultaneously or in sequence to each station.</p>	3413	<p>Drilling and Tapping Machines</p> <p>Includes: Multiple Spindle Drilling-Tapping Machines.</p> <p>Excludes: Way-Type Machines.</p>
3410	Electrical and Ultrasonic Erosion Machines	<p>Includes: Electrical Discharge Machines; Electrolytic Grinding Machines.</p>	3414	Gear Cutting and Finishing Machines
3411	Boring Machines		3415	<p>Grinding Machines</p> <p>Excludes: Electrolytic Grinding Machines.</p>
3412	Broaching Machines		3416	<p>Lathes</p> <p>Includes: Screw Machines</p> <p>Excludes: Speed Lathes; Metal Spinning Lathes; Cartridge Case and Shell Lathes.</p>
			3417	Milling Machines
			3418	<p>Planers and Shapers</p> <p>Includes: Combination Shaper-Planers.</p> <p>Excludes: Gear Shapers; Planer Type Milling Machines.</p>
			3419	<p>Miscellaneous Machine Tools</p> <p>Includes: Gun Rifling Machines; Speed Lathes.</p>
			3422	Rolling Mills and Drawing Machines
			3424	<p>Metal Heat Treating and Non-Thermal Treating Equipment</p> <p>Includes: Hardening, Annealing, Tempering, Normalizing, Cyaniding, and Carburizing Equipment; Furnaces, Flue Welding, Non-Thermal Stress Relieving Systems.</p>

3426	<p>Metal Finishing Equipment</p> <p>Includes: Galvanizing, Tinning, Oiling, Pickling; Electroplating, and Anodizing Equipment.</p>	3439	<p>Miscellaneous Welding, Soldering, and Brazing Supplies and Accessories</p> <p>Includes: Soldering Irons; Welding Electrodes and Rods; Brazing Fluxes; Soldering Fluxes; Solder.</p>
3431	<p>Electric Arc Welding Equipment</p> <p>Includes: Gas Shielded Arc Welding Machines; Arc Bonding Machines; Semi-Automatic and Automatic Arc Welding Machines.</p> <p>Excludes: Welding Supplies, and Associated Equipment such as: Flux Recovery Mchines; Flux Dispensers; Tacker Panels; Welding Panels.</p>	3441	<p>Bending and Forming Machines</p> <p>Excludes: Wire and Metal Ribbon Forming Machines.</p>
3432	<p>Electric Resistance Welding Equipment</p> <p>Includes: Electric Resistance Brazing Machines; Band Saw Brazers; Stored Energy Resistance Welding Machines.</p> <p>Excludes: Electric Induction Brazing and Soldering Machines.</p>	3442	<p>Hydraulic and Pneumatic Presses, Power Driven</p> <p>Includes: Metal Powder Compacting Presses.</p>
3433	<p>Gas Welding, Heat Cutting, and Metalizing Equipment</p> <p>Includes: Metal Spray Guns; Arc Cutting Machines; Torches and Tips; Gas Brazing Machines; Flame Cutting Machines; Vacuum Metalizers; Spark Discharge Metalizers.</p> <p>Excludes: Welding Supplies; Disintegrating Machines.</p>	3443	<p>Mechanical Presses, Power Driven</p> <p>Includes: Metal Powder Compacting Presses.</p>
3436	<p>Welding Positioners and Manipulators</p> <p>Includes: Welding Tables.</p>	3444	<p>Manual Presses</p> <p>Includes: Arbor, Straightening, Forcing, and Assembly Presses.</p>
3438	<p>Miscellaneous Welding Equipment</p> <p>Includes: Thermite Welding Equipment; Flux Recovery Machines; Flux Dispensers; Arc Converters; Welding Panels.</p>	3445	<p>Punching and Shearing Machines</p>
		3446	<p>Forging Machinery and Hammers</p> <p>Excludes: Forging Presses.</p>
		3447	<p>Wire and Metal Ribbon Forming Machines</p> <p>Excludes: Roll Forming Machines.</p>
		3448	<p>Riveting Machines</p> <p>Excludes: Power Driven Hand Riveting Machines.</p>
		3449	<p>Miscellaneous Secondary Metal Forming and Cutting Machines</p> <p>Includes: Metal Spinning Lathes.</p>

- 3450 Machine Tools, Portable
Includes: Portable Abrasive Cutting Machines; Portable Drilling Machines; Portable Slotters and Shapers.

Excludes: Stationary Type Machine Tools mounted on portable devices such as wheel or leg type stands.
- 3455 Cutting Tools for Machine Tools
Includes: Broaches; Files; Milling Cutters; Reamers; Saws.

Excludes: Flame Cutting Tools.
- 3456 Cutting and Forming Tools for Secondary Metalworking Machinery
- 3460 Machine Tool accessories
Excludes: Abrasive Wheels, Cones, and other Abrasive Attachments for use only on Hand Held Power Tools.
- 3461 Accessories for Secondary Metalworking Machinery
Excludes: Parts Feeders.
- 3465 Production Jigs, Fixtures, and Templates
Notes: This class includes jigs, fixtures, and templates used in conjunction with the metalworking machinery classified in Group 34. Jigs, fixtures, and templates used in conjunction with maintenance and repair shop specialized equipment are classified in Group 49.
- 3470 Machine Shop Sets, Kits, and Outfits

**Group 35
Service and Trade Equipment**

- 3510 Laundry and Dry Cleaning Equipment
Includes: Washing Machines; Extractors; Wringers; Drying Tumblers; Ironers; Presses; Starching Machines; Marking Equipment; Mobile Laundry and Dry Cleaning Units.
- 3520 Shoe Repairing Equipment
Includes: Shoe Sewing Machines; Mobile Shoe Repair Shops.
- 3530 Industrial Sewing Machines and Mobile Textile Repair Shops
Excludes: Shoe Sewing Machines.
- 3540 Wrapping and Packaging Machinery
Includes: Filling Machines; Container Capping Machines; Label Applying Machines; Package Sealing Machines; Paperboard Box, Case and Tray Making Machines; Strapping Machines; Stapling Machines, except Office Type.

Excludes: Paperboard Manufacturing Machinery.
- 3550 Vending and Coin Operated Machines
Includes: Fare Recording Devices; Parking Meters; Turnstiles; Coin Operated Phonographs.

Excludes: Coin and Currency Handling Machines; Coin Operated Scales.
- 3590 Miscellaneous Service and Trade Equipment
Includes: Manicure Tables.

**Group 36
Special Industry Machinery**

- 3605 Food Products Machinery and Equipment
Includes: Industrial Food Products Equipment.
Excludes: Kitchen and Galley Equipment.
- 3610 Printing, Duplicating, and Bookbinding Equipment
Includes: Offset Presses; Typesetting Machinery; Bookbinding Machinery; Photoengraving Machinery; Printing Type; Rules; Leads; Slugs; Line Gages; Quoins; Plate Hooks; Gelatine Process Machines; Spirit Process Machines; Stencil Process Machines; Offset Process Machines; Photostat Machines; Blueprint Printing and Developing Machines; Print Shop Furniture.
Excludes: Microfilm Machines.
- 3611 Industrial Marking Machines
Notes: Marking machines which make permanent indentations in metal are classified in Group 34.
Excludes: Marking Machines, Laundry; Printing Machine, Label; Printing Press, Label; Embossing Machines, Office Type; and Marking Machines, Office Type.
- 3615 Pulp and Paper Industries Machinery
Includes: Chippers; Digestors; Beaters; Bleaching Equipment; Paperboard Manufacturing Machinery.
Excludes: Paperboard Box, Case and Tray Making Machines.

- 3620 Rubber and Plastics Working Machinery
Includes: Plasticators; Presses; Synthetic Rubber Working Machinery; Thread Extruding Machinery; Vulcanizing Machinery.
Excludes: Protective Covering Laminating Presses; Tire Maintenance and Repair Equipment.
- 3625 Textile Industries Machinery
Includes: Cotton Ginning Machinery; Looms; Button Covering Machines; Rope Laying Machines; Lace Machines.
- 3630 Clay and Concrete Products Industries Machinery
Includes: Brickmaking Machinery.
- 3635 Crystal and Glass Industries Machinery
Includes: Optical Goods Manufacturing Machinery.
Excludes: Ophthalmic Lens Cutting, Drilling, Edging, and Grinding Machines; Specialized Semiconductor, Microcircuit, and Printed Circuit Board Manufacturing Machinery.
- 3640 Tobacco Manufacturing Machinery
- 3645 Leather Tanning and Leather Working Industries Machinery

3650 Chemical and Pharmaceutical Products Manufacturing Machinery

Includes: Crushers and Mills for Chemical Materials; Pharmaceutical Briquetting and Tableting Presses; Chemical Explosive Manufacturing Machinery.

Excludes: Construction Materials Crushers, Mills and Pulverizers; Plastic Products Manufacturing Machinery; Pharmaceutical Products Wrapping and Packaging Machinery; Laboratory and Shop Type Mills and Mixers.

3655 Gas Generating and Dispensing Systems, Fixed or Mobile

Notes: Included in this class are gaseous dispensing systems, both mobile and installed. Includes liquefied gaseous storage tanks, mounted on a common base with, or integral to, gas generating equipment included in this class. Also includes those liquefied gaseous storage tanks, either trailer mounted or skid mounted, used to store liquefied gaseous products until needed. Excluded from this class are those storage tanks designed to be used as an integral part of guided missile propellant servicing trailers, rocket power plants or test stations, and aircraft oxygen converters which are classified as specified by the indexes and structure of the FSC.

Excludes: Meteorological Equipment.

3660 Industrial Size Reduction Machinery

Notes: This class includes general use machinery related to two or more manufacturing industries.

Excludes: Chemical Products and Construction and Mining Type Crushing, Pulverizing, Screening and Mixing Machinery; Maintenance and Repair Shop Type Mixers.

3670 Specialized Semiconductor, Microcircuit, and Printed Circuit Board Manufacturing Machinery

Notes: This class includes, and is restricted to, equipment specifically designed for manufacturing semiconductor devices (FSC 5961), microcircuits (FSC 5962), and printed circuit boards (FSC 5998). Excludes items for which more suitable classes are specifically prescribed by the indexes and structure of the FSC.

Includes: Substrate Preparation Equipment; Circuit Pattern Forming Equipment; Interconnecting and Packaging Equipment.

Excludes: Assembly Machines for Mounting Discrete Components on Printed Wiring Boards.

3680 Foundry Machinery, Related Equipment and Supplies

Includes: Molding Machines; Tumbling Mills, Foundry Dextrine; Core Paste.

Excludes: Crucible Furnaces; Cupola Furnaces; Foundry Hand Tools.

3685 Specialized Metal Container Manufacturing Machinery and Related Equipment

Notes: This class includes only those machines specifically designed for manufacturing metal containers. Closing machines designed to seam the tops of filled containers will be classified in Class 3540.

Includes: Drum and Jerrican Manufacturing Machinery; Specially Designed Container Leak Testing Machines; Can Making Machinery.

3690 Specialized Ammunition and Ordnance Machinery and Related Equipment

Includes: Ammunition and Explosive Loading (Filling and Assembling) Specialized Machinery; Small Arms Ammunition Manufacturing Machinery; Artillery and Anti-Aircraft Shell Manufacturing Machinery.

Excludes: Ammunition and Weapons Maintenance and Repair Shop Specialized Equipment; Nonspecialized or Standard Machinery not designed exclusively for manufacturing or assembling ammunition and ordnance equipment.

3693 Industrial Assembly Machines

Notes: This class includes equipment specifically designed to assemble prefabricated components without further design machining of the components. Equipment designed to perform combined machining and assembling operations which result in material removal are classified in classes other than this class. Also excluded are items for which more specific classifications are suitable.

Includes: Industrial Production Type Power Screwdriving Machines; Circuit Card Assembly Machines.

Excludes: Specialized Ammunition and Ordnance Assembly Machines; Wrapping and Packaging Machinery; Metalworking Machinery; Hand Tools.

3694 Clean Work Stations, Controlled Environment, and Related Equipment

Includes: Laminar and Nonlaminar Flow Enclosures; Dust Controlled Facilities; Air Showers.

3695 Miscellaneous Special Industry Machinery

Includes: Communication Wire Dispenser Fabricating Machinery; Specialized Logging Equipment; Petroleum Refinery Machinery; Shoemaking Machinery; Production Type Impregnating Equipment.

Excludes: Ophthalmic Lens Cutting and Grinding Machinery; Clothing Impregnating Equipment.

**Group 37
Agricultural Machinery and Equipment**

3710 Soil Preparation Equipment

Includes: Harrows; Plows; Seed Drills; Seeder Attachments; Sprayers.

3720 Harvesting Equipment

Includes: Hayrakers; Mowers.

Excludes: Mower Attachments (FSC 3750); Sickle Bar Attachments (FSC 3750).

3730 Dairy, Poultry, and Livestock Equipment

3740 Pest, Disease, and Frost Control Equipment

Includes: Atomizers; Delousing Outfits; Dusters; Fly Swatters; Flypaper; Fog Generators; Sprayers; Traps.

Excludes: Self Pressurized Spray Kits (FSC 4940).

3750 Gardening Implements and Tools

Includes: Garden Tractors, Walking Type; Lawn Mowers, Powered and Nonpowered; Hedge Trimmers; Lawn Seeders; Fertilizer Spreaders; Gardening Rakes, Forks, Hoes, and Other Gardening Tools.

3770 Saddlery, Harness, Whips, and Related Animal Furnishings
Includes: Dog Harnesses; Leads.

**Group 38
Construction, Mining, Excavating, and
Highway Maintenance Equipment**

3805 Earth Moving and Excavating Equipment
Includes: Scrapers; Ditchers; Loaders; Graders; Special Construction Type Earth and Rock Hauling Trucks and Trailers; Special Individual Work and Power Sections of Construction Equipment with a quick connect/disconnect capability. The Power Section is designed to be coupled with a Work Section to form a functional piece of Construction Equipment.
Excludes: Standard Tractors (FSG 24); Trailers (FSC 2330); Trucks (FSC 2320).

3810 Cranes and Crane-Shovels
Includes: Cranes; Crane-Semitractors; Crane-Shovels; Crane-Tractors.
Excludes: Barge Mounted Cranes (FSC 1935); Locomotive Cranes (FSC 2230).

3815 Crane and Crane-Shovel Attachments
Includes: Backhoes; Buckets; Dippers; Fairleads; Gantries; Grapples; Lifting Magnets; Shovels; Wrecking Balls.

3820 Mining, Rock Drilling, Earth Boring, and Related Equipment
Includes: Augers; Crushers; Crushing, Screening, and Washing Plants and Units; Drilling Machines; Paving Breakers; Rock Drills.
Excludes: Tampers (FSC 3895).

3825 Road Clearing, Cleaning, and Marking Equipment
Includes: Pavement Scrubbing Machines; Snow Removal Units; Sweepers; Road Marking Machines; Vacuum Cleaners; Water Distributors; Weed Burners.

Excludes: Standard Tractors with Road Clearing or Cleaning Attachments (FSC 2410, 2420, 2430); Timber Sawing Equipment (FSC 5130, 5110).

3830 Truck and Tractor Attachments
Includes: Angledozers; Augers; Backhoes; Bullclams; Bulldozer-Shovels; Cranes; Grubbers; Loaders; Rakes; Rippers; Rollers; Scarifiers; Snow Removal Units; Snowplows; Sweepers; Treedozer.

3835 Petroleum Production and Distribution Equipment
Includes: Well Heads; Pumping Equipment; Gas Distribution Equipment.

3895 Miscellaneous Construction Equipment
Includes: Asphalt Elevators; Asphalt Heaters; Asphalt Kettles; Asphalt Transfer Equipment; Batching Plants; Stabilizing and Compacting Equipment; Concrete Mixers (All Types); Concrete Vibrators; Bituminous and Concrete Pavers; Asphalt Distributors; Sheepfoot Rollers; Rooters; Rippers; Pile Drivers; Bitumen Heaters; Cable Laying, Lashing, Spinning, and Reeling Equipment.

Excludes: Earth Moving and Excavating Equipment (FSC 3805 & 3810); Pile Driving Attachments for Cranes and Crane-Shovels (FSC 3815); Special Individual Work and Power Sections of Construction Equipment with a quick connect/disconnect capability (FSC 3805).

Group 39
Materials Handling Equipment

- 3910 Conveyors
 Includes: Pneumatic Tube Systems; Portable, Stationary, Powered, and Nonpowered Conveyors; Conveyor Feeders.
- 3915 Materials Feeders
 Notes: Materials Handling equipment included in this class is restricted to those materials feeders and parts feeders that serve as a conveying device, and by which the rate of delivery of bulk materials, packages, or objects may be controlled. Items included in this class are synchronized with companion machinery, feeding predetermined amounts, by volume, of specific materials accurately and continuously from storage bins or hoppers to process or mixing machines, and are interchangeable between machines. Excluded from this class are conveyor feeders (i.e., apron, belt, chain, flight, pan, etc., adapted for feeder service) that are classifiable in Class 3910 and/or Class 3895, as appropriate.
 Includes: Dry Materials Feeders; Parts Feeders
 Excludes: Aggregate and Fines Feeders; Conveyor Feeders; Water Purification Dry Chemical Feeders.
- 3920 Material Handling Equipment, Nonself-Propelled
 Includes: Dolly Trucks; Pushcarts; Handcarts; Wheelbarrows; Hand Trucks; Materials Handling Trailers.
 Excludes: Conveyors.

- 3930 Warehouse Trucks and Tractors, Self-Propelled
 Includes: Tug Jockeys; Fork Lift Trucks; Platform Trucks; Straddle Trucks.
- 3940 Blocks, Tackle, Rigging, and Slings
 Excludes: Load Chain; Chain and Metal Rope Fittings; Wire Rope; Hoists; Ship Rigging.
- 3950 Winches, Hoists, Cranes, and Derricks
 Includes: Windlasses: Capstans: Ore Bridges: Gypsies: Warehouse Cranes: Wharf Cranes, Mobile or Fixed: Overhead Traveling Cranes.
 Excludes: Crane-Shovels (FSC 3810); Barge Mounted Cranes (FSC 1935); Winches for Integral Mounting on Trucks or Tractors (FSC 3830); Locomotive Cranes (FSC 2230).
- 3960 Freight Elevators
- 3990 Miscellaneous Materials Handling Equipment
 Includes: Skids; Pallets.
 Excludes: Airfield Engine Transport Skids.

Group 40
Rope, Cable, Chain, and Fittings

4010 Chain and Wire Rope

Notes: Chain and wire rope, with attachments or terminations will be classified in this class when they are for general use. a. Chain is a series of flexible links and/or rings fitted into one another used for supporting, lifting, restraining, dragging, or transmitting power. b. Wire rope is formed from strands of twisted wire.

Includes: Bead Chain; Weldless Chain; Single Leg Chain Assemblies; Wire Rope; Wire Cord; Single Leg Wire Assemblies.

Excludes: Power Transmission Chain (FSC 3020); Slings.

4020 Fiber Rope, Cordage, and Twine

Notes: Fiber rope is classified in this class when it is bulk material or for general use. Items with attachments and/or terminations are identified in this class unless a more specific item name is used. a. Fiber rope is flexible twisted strands of manila, nylon or other fiber. b. Cordage is ropes or cords used in rigging (see item name definitions for parameters). c. Twine is two or more strands twisted together.

Includes: Fibrous Cord Assemblies; Fibrous Cord; Fibrous Rope; Fibrous Twine.

Excludes: Wire Rope (FSC 4010); Slings (FSC 3940).

4030 Fittings for Rope, Cable, and Chain

Notes: All items, including specially designed, will be classified in this FSC. Fittings classified in this FSC are items used in conjunction with chain, rope, and are attached to perform certain functions, (e.g., hooks, shackles, and wedges) refer to item name definitions for parameters.

Includes: Anchor Guys; Wire Stranded Bands; Wire Rope Clamps; Cargo Hooks; Shackles; Swivels; Rope Terminals; Rope Wedges.

Excludes: Clamp Blocks (FSC 5340); Support Hooks (FSC 5340).

**Group 41
Refrigeration, Air Conditioning, and Air
Circulating Equipment**

4110 Refrigeration Equipment

Notes: This class includes only complete refrigeration equipment, whether refrigerated from an integral or remote mechanical refrigeration unit or system. Also included in this class are refrigeration plants, and complete "packaged" refrigeration units and systems containing a power driven compressor, condenser, evaporator, and all other necessary components to refrigerate an enclosed space.

Nonoperating accessories such as ice trays, shelves, and panels are included in this class. Excluded from this class are operating components, assemblies, parts, attachments, or accessories, for use in or on complete refrigeration equipment, plants, systems, or the "packaged" refrigeration units, and which are to be classified in Class 4130, or as otherwise specifically prescribed by the indexes and structure of the FSC.

Includes: Grocery Type Display Cases; Ice Cream Cabinets; Drinking Fountains (except Portable and stationary types classified in Class 4510); Professional and Scientific Refrigerators; Rivet Coolers; Photographic Refrigerators; Mortuary Refrigerators; Household and Commercial Refrigerators; Grocery Type Showcases; and other types of refrigeration equipment of the commissary or food store type.

Excludes: Cafeteria Type Refrigerated Display Cases; Soda Fountains; Milk, Soda, and/or Ice Cream Dispensers; Cold Food Counters; Carbonators; Combination Heated-Refrigerated Food Serving Equipment; Cafeteria Type Showcases; Chilling Equipment Used for Display and Serving of Food (see Class 7310 for these items). Also excluded from this class are refrigeration components (see Class 4130).

4120 Air Conditioning Equipment

Notes: This class includes only complete air conditioning equipment, systems, and plants. Also included are specially designed nonoperating accessories such as a window panel used with a window type air conditioning unit to facilitate mounting. Excluded from this class are operating components, assemblies, parts, attachments, or accessories for use in or on air conditioning equipment, which are to be classified in Class 4130, or as otherwise specifically prescribed by the indexes and structure of the FSC.

Includes: Store Type Units; Window and Room Type Units; Marine, and Vehicular Air Conditioning Units; Air Conditioning Plants and Systems.

Excludes: Air Conditioning Components (FSC 4130, or as otherwise specifically prescribed by the indexes and structure of the FSC).

4130 Refrigeration and Air Conditioning Components

Includes: Heat Exchanger Equipment; Refrigerant Strainers; Refrigeration Compressors; Air Conditioning and Refrigeration Servicing Equipment, such as Charging and testing manifolds, Lines and Units; Operating Components of Refrigeration and Air Conditioning Equipment, Plants, and Systems classified in classes 4110 and 4120.

Excludes: Refrigeration and Air Conditioning Plants (see classes 4110 and 4120); Collections of Refrigeration Components "packaged" as a unit including a refrigeration compressor, condenser, evaporator, etc., specifically designed and tailored for applications such as walk-in type refrigerators. Individual components of the "packaged" unit will be classified in class 4130, or as otherwise specifically prescribed by the indexes and structure of the FSC. The complete "package" unit will be classified in class 4110.

4140 Fans, Air Circulators, and Blower Equipment

Notes: Fans and impellers which are specifically designed for use with specific individual types of equipment are to be classified in the same classes as their next higher assemblies or in the appropriate components or accessories classes (as in Group 25 or 29 or Class 1680) as prescribed by the indexes and structure of the FSC.

Includes: Wall Type Fans; Pedestal Type Fans; Household Type and Attic Type Exhaust Fans; Floor Fans; Forged Draft Exhaust and Disposal Kits; Fans, Air Circulators, and Blower Equipment, whether designated as "industrial" or "nonindustrial" by application and/or use.

Excludes: Combination Heater-Fans (FSC 4520).

4150 Vortex Tubes and Other Related Cooling Tubes

Includes: Tool Grinding spot coolers; machining spot coolers; electronic equipment spot coolers; and electronic cabinet spot coolers.

Excludes: Refrigeration and Air Conditioning Plants (Classes 4110 and 4120); Air Conditioning Components and Cooler Unit, Air (Class 4130); Cooler, Air, Evaporative (Class 4120) and Pipe and Tube (Group 47).

**Group 42
Fire Fighting, Rescue, and Safety Equipment;
and Environmental Protection Equipment
and Materials**

4210 Fire Fighting Equipment

Includes: Fire Extinguishers; Fire Axes; Fire Rakes; Fire Beaters; Fire Trucks; Fire Hose; Play Pipes; Hose Fittings having one or more Fire Hose End Connections; Fire Hose Reels; Fire Fighting Trailers; Fire Hydrants; Sprinkler Heads.

Excludes: Wrecking Bars (FSC 5120, 1385).

4220 Marine Lifesaving and Diving Equipment

Includes: Diving and Salvage Apparatus, including Pressurized Divers' Suits; Rescue Nets, Buoyant; Inflatable Life Vests; Life Rafts.

Excludes: Lifesaving Boats (FSC 1940).

4230 Decontaminating and Impregnating Equipment

Notes: Excludes production type equipment designed for impregnation of metal castings and electronic components, processing of leather and textiles, and for similar industrial processing operations.

4235 Hazardous Material Spill Containment and Clean-up Equipment and Material
Includes: Secondary Spill Containment Sumps; Liquid Spill Containment Pallets; Spill Containment Basins; Spill Containment Systems; Absorbent, Sorbent and Blotting Materials.

4240 Safety and Rescue Equipment
Includes: Portable Fire Escapes; Safety Nets, Nonbuoyant.
Excludes: Divers' Suits; Fixed Fire Escapes.

4250 Recycling and Reclamation Equipment
Includes: Material and Machinery designed to remove, neutralize and/or prepare for possible re-use of substances otherwise considered to be un-reclaimable.

**Group 43
Pumps and Compressors**

Note-This group excludes pumps and compressors designed for use on individual types of equipment, such as engine fuel pumps, aircraft propeller feathering pumps, fork lift operating pumps, compressors for operating gun turrets, and vehicular brake system compressors. Also excluded are items specially designed as or for use on fuel dispensing equipment. The FSC indexes and structure will govern the classification of these items permitted classification in a single class only.

4310 Compressors and Vacuum Pumps
Includes: Truck Mounted and Trailer Mounted Compressors.
Excludes: Refrigeration Compressors (FSC 4130).

4320 Power and Hand Pumps
Excludes: Laboratory Jet Pumps (FSG 65 and 66).

4330 Centrifugals, Separators, and Pressure and Vacuum Filters
Excludes: Laboratory Centrifuges (FSG 65 and 66); Water Purification Filters (FSC 4610).

**Group 44
Furnace, Steam Plant, and Drying Equipment; and Nuclear Reactors**

4410 Industrial Boilers
Includes: Steam Boilers, over 15 pounds WSP. Marine Boilers; Boiler Drums; Water Heaters, Low Pressure (over 100 gallon recovery capacity).

4420 Heat Exchangers and Steam Condensers

4430 Industrial Furnaces, Kilns, Lehrs, and Ovens
Includes: Crucible Furnaces; Cupola Furnaces.
Excludes: Food Industry Ovens (FSC 7310); Metal Heat Treating Furnaces (FSC 3424); Laboratory Type Furnaces (FSC 6640).

4440 Driers, Dehydrators, and Anhydrators
Includes: Evaporators.

4460 Air Purification Equipment
Includes: Electronic Precipitators; Dust Collection Equipment.
Excludes: Fan and Blower Equipment (FSC 4140); Air Conditioning Equipment (FSC 4120).

4470 Nuclear Reactors

Notes: This class includes all types of nuclear reactors and those items which are specifically designed for use within nuclear reactors, their primary cooling systems, auxiliary fluid systems, special propulsion plant systems, handling and servicing equipment, electrical and control systems, and associated special test and water chemistry control items. Excluded from this class are those items for which more specific classifications are suitable.

Includes: Refueling Machines; Ion Chamber Seals; Thermal Barriers; Control Rods; Steam Generators, Pressurized Water; Reactor Vessel Shells; Handling Carts; Hoisting Units, New and Spent Cartridge.

**Group 45
Plumbing, Heating, and Waste Disposal
Equipment**

4510 Plumbing Fixtures and Accessories

Includes: Bathtubs; Commodes; Lavatories; Shower Cabinets; Sinks; Water Closets; Accessories and Component Parts, such as Dispensers, Faucets, Holders, Racks, Shower Heads, Flush Valves and Stop Valves.

Excludes: Fittings and Specialties for Hose, Pipe and Tube (FSC 4730).

4520 Space and Water Heating Equipment

Includes: Boilers, 15 pounds WSP and under (for boilers over 15 pounds WSP, see FSC 4410); Domestic Water Storage Tanks through 100 gallon capacity; Fireplace Heaters; Furnaces; Space Heaters; Heating Radiators; Immersion Heaters; Water Heaters, through 100 gallon recovery capacity (for heaters over 100 gallons recovery capacity, see FSC 4410).

Excludes: Vehicle Heaters; (FSC 2540); Aircraft Heaters (FSC 1660).

4530 Fuel Burning Equipment Units

Includes: Oil Burners; Stokers; Gas Burners.

4540 Waste Disposal Equipment

Includes: Compactors; Destructors; Garbage Disposals; Incinerators; Septic Tanks.

**Group 46
Water Purification and Sewage Treatment
Equipment**

4610 Water Purification Equipment

Includes: Demineralizers; Filtration Equipment; Ice and Snow Melters.

Excludes: Water Purification Compounds (FSC 6810 and 7930); Water Softening Compounds (FSC 6810 and 7930).

4620 Water Distillation Equipment, Marine and Industrial

Excludes: Laboratory Distillation Apparatus (FSC 6640).

4630 Sewage Treatment Equipment

Group 47
Pipe, Tubing, Hose, and Fittings

4710 Pipe, Tube and Rigid Tubing
Includes: Culvert Pipes; Culvert Pipe Connector Bands; Metallic Pipes; Plastic Pipes; Tubes and Rigid Tubing and their assemblies.

Excludes: Air Conditioning-Heating Pipes (FSC 4520); Asbestos and Cement, Bituminized Fiber, Clay and Concrete Pipes (FSC 5630); Conduit Pipes and their assemblies (FSC 5975); Downspout Pipes (FSC 5670); Exhaust Pipes (FSC 1560, 2990, and 4520); Fire Extinguishing Systems Pipes and Tubes and their assemblies (FSC 4210); Flexible Tubing (FSC 4720); Glass Tubing (FSC 6640, and 9340); Laboratory Tubes (FSC 6640); Medical and Surgical Tubes (FSC 6515).

4720 Hose and Flexible Tubing
Includes: Air Duct, Metallic, Nonmetallic, and Textile Fiber Hoses and their assemblies; Flexible Tubing and their assemblies.

Excludes: Conduit and their assemblies (FSC 5975); Laboratory Tubes (FSC 6640); Medical and Surgical Tubes (FSC 6515); Rigid Tubing and their assemblies (FSC 4710).

4730 Hose, Pipe, Tube, Lubrication, and Railing Fittings

Includes: Adapters; Bends; Caps; Clamps; Connectors; Couplings; Crosses; Elbows; Expansion Joints; Ferrules; Flanges; Laterals; Lubrication Fittings; Manifolds; Nipples; Nozzles; Outlets; Plugs; Reducers; Swing and Swivel Joints; Tees; Traps; Unions; Wyes.

Excludes: Air Conditioning-Heating Fittings (FSC 4520); Bituminized Fiber and Concrete Fittings (FSC 5630); Conduit Boxes and Fittings (FSC 5975); Downspout Fittings (FSC 5670); Medical and Surgical Fittings (FSC 6515); Laboratory Fittings (FSC 6640); Post Caps and Rail Ends (FSC 5660); Machine Thread Bushings and Plugs (FSC 5365).

Group 48
Valves

Note-This group may include specially designed valves for use on individual types of equipment or systems. Excluded are such items as tire valves, engine intake and exhaust valves, explosive valves, carburetor valves, water mixing valves, and flush valves.

4810 Valves, Powered

Includes: Electric Motor Operated Valves; Hydraulic Operated Valves; Solenoid Operated Valves.

Excludes: Engine Intake and Exhaust valves (FSC 2990, 2815); Valves specifically designed for use with fire fighting equipment (FSC 4210); plumbing equipment, and the like (FSC 4540).

4820 Valves, Nonpowered
Includes: Automatic Nonpowered Valves; Gate, Globe, Angle, Check, and Relief Valves; Cocks.

Excludes: Fire Hydrants (FSC 4210); Sprinkler Heads (FSC 4210); Valves specifically designed for use with fire fighting Equipment (FSC 4210); plumbing equipment, and the like (FSC 4540).

**Group 49
Maintenance and Repair Shop Equipment**

Note-Specialized equipment which is designed for automotive maintenance and repair, and which is also used for the maintenance and repair of nonautomotive vehicles or equipment, will be classified in Class 4910. Jigs, fixtures, and templates used in conjunction with maintenance and repair shop specialized equipment are classified in this group. However, jigs, fixtures, and templates used in conjunction with metalworking machinery are classified in Group 34. Infrared assemblies, subassemblies, and components specifically designed as test and maintenance specialized equipment are classified in the appropriate classes of this group. Excluded from this group is infrared equipment designed for testing communications and night vision equipment.

4910 Motor Vehicle Maintenance and Repair Shop Specialized Equipment
Includes: Automotive Lifts; Wheel Aligners; Brake Service Equipment; Tire Maintenance and Repair Equipment; Test stands and test equipment specially designed for use with motor vehicles.

Excludes: Hand Tools (FSG 51); Lubrication and Fuel Dispensing Equipment (FSC 4930); Basic types of electrical and electronic test instruments, including those specifically designed, such as ammeters, voltmeters, ohmmeters, multimeters, and similar instruments as shown in the indexes in the FSC (FSC 6625).

4920 Aircraft Maintenance and Repair Shop Specialized Equipment
Includes: Maintenance stands designed for support of aircraft assemblies during repair or overhaul; Test Stands and Test Equipment specially designed for maintenance and repair of aircraft components such as: engines, generators, hydraulic systems, armament, automatic pilot, fire control, flight control, and navigational systems.

Excludes: Hand Tools; Airfield Maintenance Platforms; Basic types of electrical and electronic test instruments, including those specially designed, such as ammeters, voltmeters ohmmeters, multimeters, and similar instruments, as shown in the indexes to the FSC; Test Apparatus used for both communications and other electrical and electronic equipment.

4921 Torpedo Maintenance, Repair, and Checkout Specialized Equipment

Includes: Specially designed maintenance, test, checkout, and repair shop specialized equipment for maintenance and repair of torpedoes, torpedo components; adapters, fixtures, inspection and holding fixtures, leveling jack assemblies, fuel filling and syphon assemblies, control surface adapter and protractor assemblies, afterbody cradle adapter and tilting mount assemblies, pressure air heater assemblies, motor drier and puller assemblies, test stand levels and stands for overhaul, maintenance, test, checkout, and repair of torpedo and torpedo components, test panels, fixtures, and test sets for electrical circuits, firing circuits and torpedo test sets.

Excludes: Specially designed maintenance test, checkout and repair shop specialized equipment for maintenance and repair of ammunition, guided missiles, rockets, fire control, space vehicles, underwater mines, depth charges and nuclear ordnance. Also excludes "basic" types of electrical and electronic test instruments, such as ammeters, voltmeters, ohmmeters, multimeters, galvanometers and similar instruments.

4923 Depth Charges and Underwater Mines Maintenance, Repair, and Checkout Specialized Equipment

Includes: Specially designed maintenance, test, checkout and repair shop specialized equipment for maintenance and repair of depth charges and underwater mines; adapters, inspection, test and holding fixtures; stands for overhaul, maintenance, test, checkout, and repair of underwater mines and depth charges; test fixtures, panels plus assemblies and test sets for leak test, pressure test, firing circuits and timing devices.

Excludes: Specially designed maintenance, test, checkout, and repair shop equipment designed for nuclear ordnance, guided missiles, ammunition, torpedoes, rockets, fire control, space vehicles and "basic" types of electrical and electronic test instruments.

4925 Ammunition Maintenance, Repair, and Checkout Specialized Equipment

Includes: Specially designed maintenance, test, checkout, and repair shop specialized equipment, for maintenance and repair of ammunition items; adapters, ammunition feeders and hoppers; inspection and holding fixtures; linkers, linkers-delinkers, and delinkers to assemble and disassemble ammunition belts; surveillance ovens; explosimeters; primer firing device fixtures; mandrels; repositioning machines; gas bomb service kits; test fixtures; panels; plug assemblies; and test sets for ammunition maintenance, checkout and repair.

Excludes: Maintenance, repair, checkout and test equipment specially designed for use with guided missiles, guided missile remote control systems, guided missile systems; fire control; nuclear ordnance; rockets, underwater mines and depth charges; torpedoes; space vehicles and test equipment for aircraft weapon launchers; basic types of electrical and electronic test instruments, such as ammeters, voltmeters, ohmmeters, multimeters, and similar instruments, as shown in the indexes to the FSC.

4927 Rocket Maintenance, Repair and Checkout Specialized Equipment

Includes: Specially designed maintenance, test, checkout, and repair shop specialized equipment for maintenance and repair of rockets and rocket components; rocket maintenance stands; test stands; fixtures; jigs; and shop equipment designed for maintenance and repair of rockets, rocket motors and other rocket components.

Excludes: Specially designed maintenance, test, checkout, and repair shop equipment specifically designed for nuclear ordnance, guided missiles, fire control, torpedoes, underwater mines, depth charges, ammunition, space vehicles; test equipment for aircraft rocket launchers and "basic" types of electrical and electronic test instruments, such as ammeters, voltmeters, ohmmeters, multimeters, galvanometers and similar instruments.

4930 Lubrication and Fuel Dispensing Equipment

Includes: Hand Grease Guns; Centralized Lubrication Systems; Hydrostatic Lubricators; Oil and Gasoline Dispensing Pumps; Fuel Oil Dispensing Pumps; Hand Oilers; Grease Dispensers; Pressure Gun Attachments; Sight Feed Lubricators.

Excludes: Alemite and Lubrication Fittings (FSC 4730).

4931 Fire Control Maintenance and Repair Shop Specialized Equipment

Includes: Specially Designed Test Equipment, Maintenance Fixtures and Stands.

Excludes: Instruments for use on both Fire Control and other Equipment; Airborne Fire Control Maintenance and Repair Shop Equipment.

- 4933 Weapons Maintenance and Repair Shop Specialized Equipment
Includes: Maintenance Stands, Fixtures, and Jigs.
Excludes: Atomic Ordnance Maintenance and Repair Shop Specialized Equipment; Airborne Weapons Maintenance and Repair Shop Equipment.
- 4935 Guided Missile Maintenance, Repair, and Checkout Specialized Equipment
Includes: Checkout equipment and test equipment specially designed for use with guided missiles and guided missile remote control systems.
Excludes: Specially designed internal (built-in) checkout equipment for guided missile remote control systems; Basic types of electrical and electronic test instruments, including those specially designed, such as ammeters, voltmeters, ohmmeters, multimeters, and similar instruments, as shown in the indexes to the FSC; Test Apparatus used for both communications and other electrical and electronic equipment.
- 4940 Miscellaneous Maintenance and Repair Shop Specialized Equipment
Includes: Paint Spraying Equipment.
Excludes: Hand Tools (FSG 51).

- 4960 Space Vehicle Maintenance, Repair, and Checkout Specialized Equipment
Includes: Checkout and Test Equipment specially designed for use with Space Vehicles, including Remote Control Systems.
Excludes: Checkout and Test Equipment used with both Guided Missiles and Space Vehicles; Specially designed Internal (Built-in) Checkout Equipment for Remote Control Systems; Basic types of Electrical and Electronic Test Instruments, including those specially designed, such as ammeters, ohmmeters, multimeters, and similar instruments, as shown in the indexes to the FSC.
- 4970 Multiple Guided Weapons, Specialized Maintenance and Repair Shop Equipment
Notes: Maintenance, test, checkout and repair shop equipment designed to test, maintain, fault isolate and repair multiple guided weapon systems. For equipment designed to be used with only one specific system see the individual FSC indexed (i.e., 4921, 4927, 4935).

**Group 51
Hand Tools**

- 5110 Hand Tools, Edged, Nonpowered
Includes: Chisels; Files; Pipe Cutters; Rasps; Saws; Screw Plates; Axes; Hatchets; Machetes.
- 5120 Hand Tools, Nonedged, Nonpowered
Includes: Hammers; Picks; Pliers, except pliers for cutting only; Screwdrivers; Shovels; Construction Rakes, Forks and Hoes; Jacks, including Contractors' Jacks; Wrecking Bars; Glue Pots; Blowtorches.
Excludes: Craftsman's Measuring Tools; Gardening Rakes, Forks, Hoes, and other Garden Tools.

- 5130 Hand Tools, Power Driven
Includes: Drills; Riveters; Portable Electric Saws; Pneumatic Tools; Abrasive Wheels, Cones, and other Abrasive Attachments for use only on Hand Held Power Tools.
- 5133 Drill Bits, Counterbores, and Countersinks: Hand and Machine
- 5136 Taps, Dies, and Collets; Hand and Machine
Excludes: Punching, Stamping, and Marking Dies.
- 5140 Tool and Hardware Boxes
- 5180 Sets, Kits, and Outfits of Hand Tools
Notes: This class includes sets, kits and outfits consisting of several different items classifiable either in a single class or in several classes. Excluded from this class are sets, kits and outfits consisting of variations (such as size or color) of an item. Classify these items in the same class as the individual item.

**Group 52
Measuring Tools**

- 5210 Measuring Tools, Craftsmen's
Notes: This class does not include special inspection gages, which are classified in Class 5220.

Includes: Calipers; Levels; Micrometers; Plumb Bobs; Precision Tapes; Squares; Angle Gages; Center Gages; Depth Gages; Draw Gages; Drill Point Gages; Fillet and Radius Gages; Glaziers' Gages; Height Gages (Vernier); Planer Gages; Rivet Selector Gages; Saw Tooth Set Gages; Screw Pitch Gages; Surface Gages; Telescoping Gages; Thickness Gages; Tube Bead Gages; Tube Flare Gages; Twist Drill Gages; Twist Drill and Rod Gages; Twist Drill and Tap Gages; Taper-Wire-Thickness Gages; Wire Gages; Tool Setting Planer and Shaper Gages; Gage Blocks.
- 5220 Inspection Gages and Precision Layout Tools
Notes: Special inspection gages are included in this class.

Includes: Go and Not-Go Gages, including Plug, Ring, Snap, Thread, and Length Gages; Profile Gages; Fixture Gages; Special Inspection Gages.
- 5280 Sets, Kits, and Outfits of Measuring Tools

**Group 53
Hardware and Abrasives**

- 5305 Screws
- 5306 Bolts
- 5307 Studs

5310 Nuts and Washers

Notes: Nuts and washers, including specially designed, are to be classified in this FSC. a. Nuts are a small metal block made in a variety of shapes such as square and hexagonal which is drilled and internally threaded. b. Washers are a perforated piece of metal, leather, or other materials of various shapes or forms. They are used primarily as a seat for a bolt, nut, screw, rivet or nail to distribute pressure and prevent endwise motion over an area and/or to prevent movement between two parts by means of restraining features created by the shape of its edges.

Includes: Locknuts; Eye Nuts; Plain Nuts; Castellated Nuts; Wing Nuts; Plate Nuts; Push on Nuts; Concave and Convex Washers; Flat Washers; Keyed Washers; Lock Washers; Shouldered Washers; Split Washers.

Excludes: Bearing Thrust Washers (FSC 3120); Shims (FSC 5365); Ring Spacers (FSC 5365); Plate Spacers (FSC 5365); Lock Rings (FSC 5365).

5315 Nails, Machine Keys, and Pins

Notes: Nails, machine keys, and pins, including specially designed, will be classified in this FSC. a. Nails are slender, usually pointed fasteners with a head, and designed for insertion by impact. b. Machine keys are items generally inserted between two items, usually in a groove, to prevent relative rotation e.g., shaft and hub. c. Pins are cylindrical items of various materials used to align/attach two or more parts together and may allow for angular movement.

Includes: Dowel Pins, Split Pins; Spikes; Tacks; Nonoffice Type Staples; Machine Keys; Brads; Shouldered Pins; Cotter Pins; Nails.

Excludes: Shafts (FSC 3040); Lock Keys (FSC 5340).

5320 Rivets

5325 Fastening Devices

Includes: Eyelets; Grommets; Aircraft Cowling Fasteners; Textile Fasteners; Retaining Rings; Threaded Inserts.

5330 Packing and Gasket Materials

Notes: This FSC includes only seals and gaskets designed for standard use. Seals, gaskets and packing are made from materials specifically designed and constructed to resist deterioration from the action of heat, gas, chemicals, liquids, and used to fill a cavity and create a tight seal. Similar materials used to make seals, gaskets, and packing are available in bulk form, refer to FSG 93, FSG 80, and FSG 83.

Includes: General Purpose Oil Grease, Air, Liquid, Gas, and chemical Seals; Oakum; Prefabricated Gaskets and Seals designed for a single specific application.

Excludes: O-Rings (FSC 5331); Bulk material items, such as; Rubber, Cork, and Asbestos Sheets and Strips (FSG 93); Liquid Gasket Materials (RTV, Permatex, etc.) (FSG 80); RFI and EMI Seals and Gaskets (FSC 5999), and all Seal Retainers.

5331 O-Ring

Excludes: Packing and Gasket Material (FSC 5330).

5335 Metal Screening

Notes: Metal Screening is a perforated plate or cylinder or a meshed wire fabric usually mounted and used to separate coarse from finer parts.

Includes: Insect Screening; Industrial Metal Cloth; Industrial Metal Mesh.

Excludes: Fencing (FSC 5660).

5340 Hardware, Commercial

Notes: Common hardware designed primarily for commercial use will be classified in this FSC. Hardware is the physical, tangible and permanent components of end items that may not be classified elsewhere. It consists also of common items that are commonly used in construction and/or manufacturing (e.g., hinges, door locks).

Includes: Access Covers; Bumpers; Casters; Cabinet and Door Hardware; Clevises; Hinges; Latches; Straps and Strapping; Turnbuckles; Webbed Straps.

Excludes: Weapons System Hardware (FSC 5342).

5342 Hardware, Weapon System

Notes: Hardware designed for weapon systems unique applications will be classified in this FSC.

Includes: Adapters; Anchor Plates and Straps; Anodes; Bellows; Couplings; Control Rods; Access Doors; Fairleads; Mounts; Tie Rods; Yokes.

Excludes: Commercial Hardware (FSC 5340).

5345 Disks and Stones, Abrasive

Includes: Abrasive Belts and Belting; Hones; Abrasive Wheels, Multiapplication.

Excludes: Dental Abrasives; Abrasive Cones, and other Abrasive Attachments for equipment.

5350 Abrasive Materials

Includes: Cloth; Papers; Powders; Abrasive Polishing Compounds; Metal Finishing Abrasives; Industrial Diamonds; Diamond Dust; Rouge.

5355 Knobs and Pointers

Includes: Knobs, including Calibrated Knobs; Dials, Scale.

5360 Coil, Flat, Leaf, and Wire Springs

Notes: All springs, including specially designed, will be classified in this FSC. A spring is an elastic mechanical device that regains its original shape after being compressed, extended or deflected.

Includes: Compression Springs; Torsion Springs; Leaf Spring Assemblies; Flat Springs; Extension Springs.

5365 Bushings, Rings, Shims, and Spacers

Notes: All items, including specially designed, will be classified in this FSC. a. A bushing is cylindrical in shape, hollow, and designed primarily to be inserted into a hole to reduce the effective inside diameter of the hole, and to protect the body structure about the hole from damage resulting from stress, strain, and vibration. b. A ring is cylindrical in shape, usually flat with a center hole. Rings are multi-applicational. See specific item name for designated usage. c. A shim is a thin, sometimes tapered, piece of material used to fill in space between things. See specific item name for dimensional parameters. d. A spacer is a device for holding two members at a given distance from each other.

Includes: Externally Threaded Rings; Keyed and Serrated Lock Rings; Dee Rings; Instrument Retaining Rings; Shim Sets and Assortments; Plate Spacers; Ring Spacers; Sleeve Spacers; Stepped Spacers; Spacer Sets and Assortments; Sleeve Bushings; Machine Threaded Bushings; Machine Threaded Plugs.

Excludes: Sleeve Bearings (FSC 3120); Pipe Threaded Plugs (FSC 4730); Piston Rings (FSC 2520, 2805, 2810, 2815, 2825, 2990, 3040, 4310, and 4820); Retaining Rings (FSC 5325); Shim Stock (FSC 9515).

**Group 54
Prefabricated Structures and Scaffolding**

5410 Prefabricated and Portable Buildings

Includes: Prefabricated Panels; Inflatable Shelters; Metal Screens and Metal Windows.

5411 Rigid Wall Shelters

Includes: Expandable and nonexpandable shelters.

5419 Collective Modular Support System

Notes: Includes Self-Contained habitat, containing facilities normally expected in a "Rest and Recreational" area, such as; billeting, food services, laundry, shower/hygiene services, recreational and support services that enhance morale and welfare.

5420 Bridges, Fixed and Floating

Includes: Special Bridge Erection Equipment; Bridge Floats and Pontoons; Tramways; Trestles.

Excludes: Pontoons and Floating Docks (FSC 1945).

5430 Storage Tanks

Includes: Assembled and Unassembled Tanks for storage only; Enclosures for Pressure and Vacuum Tanks; Petroleum Bulk Storage Tanks.

Excludes: Boiler Tanks (FSC 4410); Hot Water Tanks (FSC 4520).

5440 Scaffolding Equipment and Concrete Forms

Includes: Prefabricated Concrete Placing Forms; Builders' Ladders and Stepladders; Suspension stages.

Excludes: Aircraft Ladders (FSC 1730); Fire Fighting Ladders (FSC 4210); Maintenance Ladders (FSC 4940); Marine Vessel Ladders (FSC 2090); Vehicle Ladders (FSC 2540).

5445 Prefabricated Tower Structures

Includes: Power Transmission Towers; Radar Towers; Searchlight Towers; Control Towers; Prefabricated Tower Components, such as Anchor Rails, Tie Rods, Braces, Steps, Guy Assemblies; Specialized Tower Hardware.

5450 Miscellaneous Prefabricated Structures
Includes: Bleachers; Grandstands.

Group 55
Lumber, Millwork, Plywood, and Veneer

5510 Lumber and Related Basic Wood Materials
Includes: Dimensional Lumber; Wood Flooring; Mine Timbers; Poles; Railroad Ties; Wood Siding; Molding; Stakes.
Excludes: Millwork (FSC 5520); Plywood and Veneer (FSC 5530); Prefabricated Non-Wood Items (FSC 5670).

5520 Millwork
Includes: Door Frames; Doors; Window Frames; Window Sashes.
Excludes: Molding (FSC 5510); Prefabricated Non-Wood Items (FSC 5670).

5530 Plywood and Veneer
Includes: Plywood and Veneered Panels.

Group 56
Construction and Building Materials

5610 Mineral Construction Materials, Bulk
Includes: Asphalt; Cinders; Gravel; Lime; Sand; Rough Dimension Stone, including Rubble; Cement; Ballast.
Excludes: Block, Shaped; Brick.

5620 Tile, Brick and Block
Includes: Concrete Building Block; Cinder Block; Slag Brick; Cut Stone; Cut and Polished Stone; Ceramic Floor and Wall Tile; Architectural Terra Cotta; Concrete Slabs and Grilles.
Excludes: Glass Building Block (FSC 9340)

5630 Pipe and Conduit, Nonmetallic
Includes: Concrete Pipe and Conduit; Clay Pipe and Conduit for underground use; Drain Tile; Nonmetallic Pipe Fittings for underground use.
Excludes: Nonmetallic Pipe, Conduit, and Fittings for laboratory or electrical use; Hose and Tubing, Flexible Nonmetallic.

5640 Wallboard, Building Paper, and Thermal Insulation Materials
Includes: Paper Building Board; Ceiling Board; Gypsum Board; Insulating Board; Plasterboard; Soundproofing Board; Tar Paper; Wallpaper; Mineral Wool; Glass Wool Batts; Pipe Covering.
Excludes: Electrical Insulation Materials.

5650 Roofing and Siding Materials
Includes: Roofing (all materials), including Sheet Metal; Roofing Felt; Roll Roofing; Roofing Tile; Shingles.
Excludes: Tar Paper; Bulk Sheet Metal Roofing and Siding; Wood Siding.

5660 Fencing, Fences, Gates and Components

- 5670 Building Components, Prefabricated
 Notes: Items specified as wooden are classified in 5520
 Includes: Door Frames; Window Frames; Window Sashes; Eave Troughs (Gutters); Gratings; Grilles; Shutters; Fixed Fire Escapes; Mounted Partitions.
 Excludes: Plumbing and associated components such as Sinks; Wallboard and items classified as furniture.
- 5675 Nonwood Construction Lumber and Related Materials
 Includes: Nonwood Dimensional Lumber; Flooring; Special Turning and Carvings; Nonwood Veneer.
 Excludes: Millwork and Wood Veneer (FSCs 5520 and 5530); Items specified as Wooden (FSC 5510).
- 5680 Miscellaneous Construction Materials
 Includes: Expanded Metal Lath; Airplane Landing Mats; Traction Mats.

**Group 58
 Communication, Detection, and Coherent
 Radiation Equipment**

Note-Excludes oscillator items which should be classified in FSC 5955 or 5963; fiber optic items which should be classified in Group 60; electronic modules as defined under Class 5963; and electrical cable, cord and wire assemblies, harnesses and sets, related to FSG 58 equipment (see FSC 5995). In Group 58, more than in any other group, it frequently happens that the same name is listed as an index entry in each of several classes. In addition, that name may also appear as an entry in groups other than 58. Each such entry refers to a distinctly different part or assembly, even though the different items have the same name. The listing of the same names in two or more classes indicates that, in one form, the part or assembly covered by the name is applicable to the equipment covered by one class, and in another form is applicable to the equipment covered by another class. For example, the item name CODER, AUDIO FREQUENCY is applicable to two distinctly different assemblies, one of which has an application in cryptologic equipment, covered by Class 5810, and the other in radar equipment covered by Class 5840. Consequently the name CODER, AUDIO FREQUENCY is an entry under each of the two classes. When an item identification bears a name which is indexed under more than one class of Group 58, or in Group 58 and in some other group, the item will be classified in the same class as its next higher assembly in the manner described in the Federal Logistics Information System (FLIS) Procedures Manual, DoD 4100.39-M. Also excluded from this group are data transmission and communications equipment such as terminals, sensors and other devices designed for use with a configuration of ADPE.

- 5805 Telephone and Telegraph Equipment
- 5810 Communications Security Equipment and Components
- 5811 Other Cryptologic Equipment and Components

5815 Teletype and Facsimile Equipment
Includes: Ticker Tape and Sigtot Equipment.

5820 Radio and Television Communication Equipment, Except Airborne
Includes: Telemetry Equipment.
Excludes: Home Type Radio and Television Equipment.

5821 Radio and Television Communication Equipment, Airborne
Includes: Telemetry Equipment.

5825 Radio Navigation Equipment, Except Airborne
Includes: Loran Equipment; Shoran Equipment; Direction Finding Equipment.

5826 Radio Navigation Equipment, Airborne
Includes: Loran Equipment; Shoran Equipment; Direction Finding Equipment.

5830 Intercommunication and Public Address Systems, Except Airborne
Includes: Wired Audio Systems; Office Type Systems; Shipboard Systems; Tank Systems.

5831 Intercommunication and Public Address Systems, Airborne

5835 Sound Recording and Reproducing Equipment
Excludes: Phonographs, Home Type; Dictating Machines.

5836 Video Recording and Reproducing Equipment
Notes: This class includes, and is restricted to electronic video equipment such as video monitors, televisions, cameras, printers and recorders/reproducers used with miscellaneous communication equipment. Also included is associated equipment such as cleaners, splicers, rewinders, reels and tapes designed for use with video recording-reproducing equipment. Excluded from the class is photographic type equipment (Group 67), ADP type computer monitors (Group 70), and video equipment which includes radio receivers/transmitters (properly classified in more specific classes in Group 58).

5840 Radar Equipment, Except Airborne
Notes: Radar assemblies and subassemblies designed specifically for use with fire control equipment or guided missiles are excluded from this class and are included in the appropriate classes of Group 12 or Group 14.

5841 Radar Equipment, Airborne
Notes: Radar assemblies and subassemblies designed specifically for use with fire control equipment or guided missiles are excluded from this class and are included in the appropriate classes of Group 12 or Group 14.

5845 Underwater Sound Equipment
Notes: This class excludes items specifically designed for fire control sonar systems.
Includes: Sonar Equipment; Underwater Listening Equipment; Sonobuoys; Sonobuoy Launchers; Fathometers; Sofar Equipment.

5850 Visible and Invisible Light Communication Equipment

Notes: This class includes only communication types of infrared equipment. Excluded from this class are infrared assemblies, subassemblies, and components designed specifically for use in fire control systems, guided missile systems, test and maintenance specialized equipment, night vision equipment, and other noncommunication types of equipment.

Includes: Heliographs.

5855 Night Vision Equipment, Emitted and Reflected Radiation

Notes: This class includes image forming devices and associated aids, their subassemblies and components, utilizing passive and/or active techniques for detection, observation, and identification of terrain and objects at night, while maintaining concealment afforded by darkness. Includes items having multiapplication for purposes of fire control, and/or night observation, and/or detection. Excluded from this class are items for which more specific classifications are suitable as prescribed by the structure and indexes of the FSC.

Includes: Sighting and Observation Devices, Target Detectors and Locators, Remote Viewing Systems utilizing heat radiation emitted from object(s), associated Radiation Sources, Image Converters and Image Intensifiers, Optical Cells and other components designed for Night Vision Equipment. Holders and Lens used with Infrared Equipment are also included in this FSC.

Excludes: Optical Sighting devices which incorporate both day and night viewing characteristics within an integral unit for fire control purpose, nonnight vision type items designed for use with guided missiles, communications, or laboratory equipment, and Optical Elements, such as Lens, Prisms, Windows.

5860 Stimulated Coherent Radiation Devices, Components, and Accessories

Notes: This class includes, and is restricted to, devices the operation of which is based on principles involving the stimulated emission of radiation, and to associated components and accessories directly related to stimulated coherent radiation techniques. The methods for producing the radiation are those obtained by LASER (Light Amplification by Stimulated Emission of Radiation) and by MASER (Microwave and/or Molecular Amplification by Stimulated Emission of Radiation) techniques. Only those items specifically designed for stimulated coherent radiation applications, and having no other application, are to be included in this class. Assemblies or major systems containing such devices are excluded from this class.

5865 Electronic Countermeasures, Counter-Countermeasures and Quick Reaction Capability Equipment

Notes: This class includes, and is restricted to, passive and active electronic equipment, systems, and subsystems designed to prevent or reduce an enemy's effective use of radiated electromagnetic energy or designed to insure our own effective use of radiated electromagnetic energy. Includes Electronic Countermeasures, Electronic Counter-Countermeasures, Electronic Support Measures, and Quick Reaction Capability Equipment and components specially designed therefore which are not classifiable elsewhere in the FSC Structure. Excluded from this class are non-electronic items which are properly classified in more specific classes in accordance with the FSC structure and indexes.

5895 Miscellaneous Communication Equipment

Notes: This class includes miscellaneous communication equipment that is not classified in more specific classes (see the NOTE for FSG 58).

Includes: Modems.

Excludes: Electronic Countermeasures Equipment.

**Group 59
Electrical and Electronic Equipment
Components**

Note-Mounting hardware, included in classes of this group, includes such specially designed items as brackets, holders, retainers, etc. Excluded from classes in this group are such hardware items as screws (Class 5305), bolts (Class 5306), studs (Class 5307), washers (Class 5310), rivets (Class 5320), and other common items indexed to specific classes, other than in Group 59. The FSC indexes and structure will govern the classification of items used on or with mounting hardware cited above.

5905 Resistors

Includes: Varistors; Resistive ballast Tubes; Rheostats; Resistor Networks; Resistor Mounting Hardware; Thermistors.

Excludes: Resistance Wire.

5910 Capacitors

Includes: Interference Filter Capacitors; Capacitor Mounting Hardware.

Excludes: Semiconductor Devices and Associated Hardware.

5915 Filters and Networks
 Notes: This class includes those filters and networks which consist of a combination of resistors, capacitors, or coils, but not a combination of resistors only (classified in 5905), capacitors only (classified in 5910), or coils only (classified in 5950).

5920 Fuses, Arrestors, Absorbers, and Protectors
 Includes: Fuseholders; Fuse Boxes; Fuse Posts; Fuse Links; Fuse Blocks; Current Limiters; Corona Balls; Electrostatic Dischargers.
 Excludes: Circuit Breakers.

5925 Circuit Breakers
 Includes: Circuit Breakers and Cutouts.
 Excludes: Relays.

5930 Switches
 Includes: Rotary, Knife, Toggle, Push Button, Mercury, Thermostatic, and Differential Pressure Switches.
 Excludes: Switchgear.

5935 Connectors, Electrical
 Includes: Plugs; Jacks; Receptacles, Electronic Component Sockets and Associated Accessories
 Excludes: Interconnectors, Fiber Optic

5940 Lugs, Terminals, and Terminal Strips
 Includes: Binding Posts; Battery Clips; Stud Terminals; Test Clips.
 Excludes: Caps, Electrical; Clips, Electrical; and Contacts, Electrical.

5945 Relays and Solenoids
 Includes: Electromagnetic Actuators.
 Excludes: Contractors.

5950 Coils and Transformers
 Includes: Coils, except ignition and magneto; coil assemblies; reactors; transformers.

5955 Oscillators and Piezoelectric Crystals
 Includes: Crystal Units, Processed Unmounted Crystals, Crystal Controlled Oscillators and Noncrystal Controlled Oscillators
 Excludes: Crystal Controlled Oscillators and Noncrystal Controlled Oscillators which meet the definition of the term "electronic module" as defined for FSC 5963 and Microcircuits

5960 Electron Tubes and Associated Hardware
 Includes: Rectifying Tubes; Photoelectric Tubes; Electron Vibrator Tubes.
 Excludes: Transistors; Tube Sockets; X-ray Tubes; Semiconductor Devices and Associated Hardware.

5961 Semiconductor Devices and Associated Hardware
 Includes: Semiconductor Assemblies; Semiconductor Diodes; Semiconductor Rectifiers, Semiconductor Thyristors; Transistors; Unitized Semiconductors; Associated Hardware except Sockets.
 Excludes: Microcircuits; Optoelectronic Devices and Associated Hardware.

5962 Microcircuits, Electronic

Notes: (1) A microcircuit is defined as follows: A small circuit having a high equivalent circuit element density, which is considered as a single part composed of interconnected elements placed and/or formed on or within a single substrate to perform an electronic circuit function. The elements may be formed on or within a semiconductor material substrate; may consist of conductive film(s) formed on an insulating substrate; or may be a combination of one or both of these types with discrete elements. (2) The term "microcircuit", as applied to circuit devices included in this class, is delimited to exclude items consisting solely of interconnected "microcomponents" (discrete miniaturized components). Also excluded are items fabricated in the form of monolithic thick-film or thin-film structures that in themselves are not functional electronic circuits (e.g., Capacitors, Resistors, Transistors, or "arrays" thereof).

Includes: Integrated Circuit Devices; Integrated Circuit Modules, Integrated Electronic Devices: Hybrid, Magnetic, Molecular, Opto-Electronic, and Thin Film.

Excludes: Single Circuit Elements such as Capacitors; Resistors; Diodes and Transistors; Printed Circuit Boards and Circuit Card Assemblies; and Filters and Networks.

5963 Electronic Modules

Notes: The term "electronic module" as used in this class designates an electronic component designed for use in various equipment or end item applications, and capable of controlling voltage and/or current to produce gain, oscillation, switching, or similar integral electronic functions. It consists of a collection of miniaturized electronic parts and/or elements in a single replaceable package with plug-in mounting which will also complete the required electrical connections. It is not normally subject to disassembly as distinguished from such items as CIRCUIT CARD ASSEMBLY and ELECTRONIC COMPONENTS ASSEMBLY. These modules conform to industry or government specifications/standards that define all physical dimensions and electrical parameters required to promote commonality and ensure proper operational performance.

Excludes: MICROCIRCUITS; Electronic Test Equipment Plug-In Units.

5965 Headsets, Handsets, Microphones and Speakers

5970 Electrical Insulators and Insulating Materials

Includes: Tube, Knob, Cleat, Strain, and Standoff Insulators; Feed Thru Insulators; Bead Insulators; Varnish Cambric Tape; Friction Tape.

5975 Electrical Hardware and Supplies

Includes: Conduit; Raceways; Face Plates; Condulets; Outlet and Junction Boxes; Pole Line Hardware, not elsewhere classifiable.

- 5977 Electrical Contact Brushes and Electrodes
Includes: Brushes for electrical rotating equipment; Carbon Stock for Brushes; Brush Arm and Holders; Lighting Electrodes.
Excludes: Anodes; Cathodes; Welding Electrodes.
- 5980 Optoelectronic Devices and Associated Hardware
Includes: Optoelectronic devices and assemblies which display numeric, alpha-numeric, symbolic, or graphic information, emitters, and nondisplay optoelectronic devices, such as couplers, detectors, and switches which perform an active function in an electronic system%
Excludes: Electric lighting fixtures, lamps, and associated hardware%
- 5985 Antennas, Waveguides, and Related Equipment
Includes: Aerials; Masts; Tower Equipment; Attenuators; Couplers; Transmission Lines.
Excludes: Tower Structures.
- 5990 Synchros and Resolvers
Excludes: Synchro Systems; Servo Mechanisms.

- 5995 Cable, Cord, and Wire Assemblies: Communication Equipment
Notes: This class includes only those types of cable, cord, and Wire Assemblies and Sets (and Wiring Harnesses) used on or with equipment and components covered by Groups 58, 59 and 70. Cable, Cord, Wire Assemblies, and Sets (Wiring Harnesses) used on or with equipment classified in FSC Groups other than Groups 58, 59, or 70 are classified in FSC Class 6150 if multiapplication, or classified with the next higher classifiable assembly if specially designed.
Excludes: Cable Assemblies, Fiber Optic.
- 5996 Amplifiers
Includes: Audio Amplifiers, Complementary Amplifiers, Amplifiers, Operational Amplifiers, Power Amplifiers, Radio Frequency Amplifiers, Signal Amplifiers, Video Amplifiers, and Magnetic Amplifiers.
Excludes: Multi-functional items such as Amplifier-Detector, Amplifier-Mixer and microcircuit devices.
- 5998 Electrical and Electronic assemblies, Boards, Cards, and Associated Hardware
Excludes: Circuit card and electronic component assemblies which can be identified to a more definitive Approved Item Name.
- 5999 Miscellaneous Electrical and Electronic Components
Includes: Permanent Magnets and Magnetostriction Elements; Caps, Clips, and Contacts, Electrical.

**Group 60
Fiber Optics Materials, Components,
Assemblies, and Accessories**

Note- Fiber Optics is a general term used to describe the function where optical energy (i.e., light/laser driven rays) is guided to another location through fiber(s). This group includes Fiber Optic items such as parts, materials and devices used for communications, data transmission, or illumination, Excludes Imaging devices under FSG 65 (medical); hand tools under FSG 51; and electrical, electronic and optical instruments under FSG 66 (instruments).

- 6010 Fiber Optic Conductors
Notes: Included in this class are bulk discrete fibers.
- 6015 Fiber Optic Cables
Notes: Included in this class are one or more discrete fiber optic conductors with a common protective covering in bulk form. May include electrical conductors/cables and/or reinforcing material.
- 6020 Fiber Optic Cable Assemblies and Harnesses
Notes: Included in this class are items used for communication and/or data transmission having one or more fiber optic conductors/cables with processed end(s) or terminated in fitting(s). Excluded from this class are items used for illumination and/or image transmission.
- 6021 Fiber Optic Switches
Notes: Included in this class are switches used for line selection in fiber optic systems.

- 6030 Fiber Optic Devices
Notes: Included in this class are such items as transmitters, receivers, multiplexers, demultiplexers, modulators, demodulators, repeaters, attenuators, filters, integrated optical circuits, and the like, used in fiber optic systems.
- 6032 Fiber Optic Light Sources and Photo Detectors
Notes: Included in this class are light emitting and laser diodes and photo detectors used in fiber optic systems.
- 6035 Fiber Optic Light Transfer and Image Transfer Devices
Notes: Included in this class are fiber optic devices used for illumination and/or image transmission. Excluded from this class are items used for communication and/or data transmission.
- 6060 Fiber Optic Interconnectors
Notes: Included in this class are all types of fiber optic terminations, such as connectors, dividers, couplers, rotary and nonrotary joints, splitters, mixers and splicers and the like.
Excludes: Electrical connectors
- 6070 Fiber Optic Accessories and Supplies
Notes: Included in this class are mode stripping materials, index matching materials and other related supplies. Excluded from this class are hardware and supplies common to both electrical and fiber optic applications which are classifiable on FSC 5975.

- 6080 Fiber Optic Kits and Sets
 Notes: Included in this class are kits and sets which consist of fiber optic components only; fiber optic components and related parts; fiber optic components and related tools; or fiber optic components, related parts and related tools. Excluded from this class are tool kits and sets which are classifiable in FSC 5180; test sets/instruments classifiable in FSG 66; and end item sets/equipment utilizing fiber optic components which are classifiable in the applicable equipment FSC.
- 6099 Miscellaneous Fiber Optic Components
 Notes: Included in this class are fiber optic items which are not classifiable in a more specific class. (See the "Note" for FSG 60.)

**Group 61
 Electric Wire, and Power and Distribution
 Equipment**

- 6105 Motors, Electrical
 Excludes: Starting Motors for Engines.
- 6110 Electrical Control Equipment
 Includes: Contactors; Motor Controllers; Power Servomechanisms; Switchgear; Voltage Regulators.
 Excludes: Automatic Pilot Mechanisms; Relays; Resistors.
- 6115 Generators and Generator Sets, Electrical
 Includes: Engine, Turbine, Wind, and Hand Driven Generator Sets and Auxiliary Aircraft Generators.
 Excludes: Motor-Converters; Motor-Generator Sets; Engine Generators; Engine Accessory Generators.

- 6116 Fuel Cell Power Units, Components, and Accessories
 Notes: This class includes items that are designed to produce an electromotive force directly from an oxidation-reduction type of chemical reaction. A complete power unit must include tanks, pumps, and associated control equipment, and requires a continuous, uninterrupted supply of liquid or gaseous fuel and oxidizers.
 Includes: Complete Functioning Fuel Cell Power Units; Fuel Cells; Fuel Cell Assemblies or Modules; Fuel Cell Reactant Chambers; Fuel Feed Mechanisms; Electrolyte Heaters; Heat Exchangers; and other internal components peculiar to, and used exclusively on or with, Fuel Cell Power Units classified in this class.

Excludes: Primary Batteries (FSC 6135); Secondary Batteries (FSC 6140); Generators and Generating Sets (FSC 6115); and items for which more suitable classes are specifically prescribed by the indexes and structure of the FSC.

- 6117 Solar Electric Power Systems
 Notes: This class includes items which are designed for the direct conversion of solar energy into electrical power.
- 6120 Transformers: Distribution and Power Station
 Notes: This class includes transformers with a kilovolt-ampere rating above 1 kva.
 Excludes: Potential and Current Transformers

6125 Converters, Electrical, Rotating
Notes: This class includes devices employing mechanical rotation for changing electrical energy from one form to another (i.e., AC to AC, DC to DC, AC to DC, and DC to AC). Excluded from this class are electrical generators and generator sets (FSC 6115).

Includes: Complete Battery Charging Equipment, Rotating; Dynamotors; Motor-Converters; Motor-Generator Sets; Phase Converters; Rotating Equipment; Synchronous Converters.

Excludes: Nonrotating Equipment.

6130 Converters, Electrical, Nonrotating
Notes: This class includes devices employing a means other than mechanical rotation for changing electrical energy from one form to another (i.e., AC to AC, DC to DC, AC to DC, and DC to AC).

Includes: Complete Battery Charging Equipment, Nonrotating; Power Supplies, Multiapplication.

Excludes: Rectifying Tubes; (FSC 5960); Rectifying Crystals (FSC 5961); Rotating Equipment (FSC 6125); Transformers (FSC 5950); and Semiconductor Devices and Associated Hardware (FSC 5961).

6135 Batteries, Nonrechargeable
Includes: Cells and Dry Batteries; Nuclear Batteries.

6140 Batteries, Rechargeable
Includes: Rechargeable Cells and Batteries.

6145 Wire and Cable, Electrical
Notes: This class includes only bulk electrical wire and cable. Excluded from this class are electrical wire and cable items of definite length either with processed ends, or terminated in fittings.

Includes: Insulated and Noninsulated, Wire and Cable, such as, Antenna Wire, Coaxial Cable, Fuse and Resistance Wire, and Magnet Wire.

Excludes: Radio Frequency Transmission Line (FSC 5985); Fiber Optic Cable (FSC 6015); Communication Cable Assemblies (FSC 5995); Distribution and Power Transmission Cable Assemblies (FSC 6150).

6150 Miscellaneous Electric Power and Distribution Equipment
Includes: Appliance and Extension Cords; Electric Power and Distribution Cable with Attachments, Multiapplication; Common Components of Electrical Rotating Equipment, such as End Bells and Frames.

6160 Miscellaneous Battery Retaining Fixtures, Liners and Ancillary Items
Includes: Battery Boxes, Covers, Liners, Racks, Retainers, and Trays.

Group 62 Lighting Fixtures and Lamps

6210 Indoor and Outdoor Electric Lighting Fixtures
Includes: Airport, Railroad Platform, Stadium, and Street Lighting Fixtures.
Excludes: Nonelectrical Outdoor Fixtures; Signal Fixtures; Nonelectrical Indoor Fixtures.

6220 Electric Vehicular Lights and Fixtures
Includes: Automotive, Marine, Railroad, and Aircraft Lights and Fixtures.

Excludes: Nonelectrical Vehicular Fixtures.

6230 Electric Portable and Hand Lighting Equipment

Includes: Floodlights; Searchlights; Extension Lights.

Excludes: Nonelectrical Portable and Hand Lighting Equipment; Signal and Alarm Equipment.

6240 Electric Lamps

Includes: Fluorescent Lamps; Incandescent Lamps, Large and Miniature; Light Emitting Diode Lamps; Mercury Lamps; Sodium Lamps.

6250 Ballasts, Lampholders, and Starters

6260 Nonelectrical Lighting Fixtures

Includes: Lanterns, Nonelectrical; Hand and Portable Carbide Lamps; Candles.

**Group 63
Alarm, Signal and Security Detection
Systems**

6310 Traffic and Transit Signal Systems

Excludes: Railroad Signals.

6320 Shipboard Alarm and Signal Systems

6330 Railroad Signal and Warning Devices

Includes: Railroad Gates; Flasher Lights; Block Signals.

Excludes: Semaphore Flag Signals.

6340 Aircraft Alarm and Signal Systems

Includes: Oxygen Pressure Signals and Warning Devices; such as Air Pressure Warning Signals, Aircraft Crew Warning Signals, Altitude Warning Signals, Alarm Controls, Audible Landing Gear Alarms.

Excludes: Aircraft Engine Oil and Fuel Warning Devices.

6350 Miscellaneous Alarm, Signal, and Security Detection Systems

Includes: Anti-intrusion Alarm Systems; Foghorns; Gongs; Chimes; Bells; Burglar Alarm Systems; Fire Alarms; Police Alarm Systems; Sounding Devices; Manual Gas Alarms; Landing Wands; Security Inspection Systems

Excludes: Loran; Radar; Sonar; Engine Oil and Fuel Warning Devices; Aircraft Oxygen Warning Devices.

**Group 65
Medical, Dental, and Veterinary Equipment
and Supplies**

6505 Drugs and Biologicals

Notes: Only items specifically formulated for human use are appropriate to this class.

Includes: All drugs, medicinal grade chemicals, and Biologicals subject to the Federal Food, Drug and Cosmetic Act, listed in the Monograph section of the U.S. Pharmacopeia or the National Formulary or covered by the United States Adopted Names (USAN). Other nations may apply their own legal documents.

Excludes: Medicated cosmetics and toiletries classifiable in FSC 6508 and in vitro diagnostic substances and reagents classifiable in FSC 6550, and Veterinary Drugs and Biologicals classifiable in FSC 6509.

6508 Medicated Cosmetics and Toiletries
Includes: Medicated cosmetics and toiletries that have been determined to be drugs in accordance with the Federal Food, Drug, and Cosmetic Act.

Excludes: Nonmedicated cosmetics and toiletries which are classifiable in Group 85.

6509 Drugs and Biologicals, Veterinary Use
Includes: All Drugs, medicinal grade chemical, and Biologicals subject to the provisions of the Department of Agriculture (Veterinary Drugs and Biologicals) specifically formulated for Veterinary use. Other Nations may apply their own legal documents.

Excludes: Drugs and Biologicals specifically formulated for Human use classifiable in FSC 6505.

6510 Surgical Dressing Materials
Includes: Bandages, Compresses, Dressings, Gauze, Pads, Sponges, and impregnated surgical dressing materials.

6515 Medical and Surgical Instruments, Equipment, and Supplies
Includes: Anesthesia Apparatus; Blood Transfusion Apparatus; Oxygen Therapy Apparatus; Respirators; Orthopedic Supplies; Arch Supports; Clinical Thermometers; Sutures; Hearing Aids; Veterinary Equipment; Endoscopes, Fiber Optic.

Excludes: Ophthalmic Instruments, Equipment, and Supplies; Non-Medical Endoscopes.

6520 Dental Instruments, Equipment, and Supplies
Includes: Dental Engines; Dental Laboratory Equipment; Operating Chairs; Orthodontic Appliances; Teeth; Dental Metals; Dental Abrasives; Dental Laboratory Furniture.

6525 Imaging Equipment and Supplies: Medical, Dental, Veterinary
Includes: Medical X-ray Film; Medical X-Ray Film Viewing Equipment; Medical X-Ray Film Processing and Finishing Equipment and Supplies; X-Ray Tubes; Computerized Tomography (CT) scanners and related equipment; Magnetic Resonance Imaging machine and related equipment; Positron Emission Tomography (PET) scanners and related equipment; Computed and/or Direct Digital Radiography machines and related equipment; Ultrasound and Echocardiogram scanners and related equipment; Scintigraphy equipment; Medical Picture Archiving and Communication Systems (PACS) equipment; Medical Thermal Imaging equipment; Optical Coherence Tomography (OCT) spectroscopy machines and related equipment; and imaging supplies and Contrast delivery systems that are not used by other medical disciplines.

Excludes: Industrial imaging equipment (X-ray, Thermal and the rest;) Supplies and equipment that can be used by other medical disciplines (See Medical and Surgical Instruments, Equipment and Supplies and Hospital and Surgical Clothing and related Special Purpose Items.)

6530 Hospital Furniture, Equipment, Utensils, and Supplies
Includes: Orthopedic Equipment; Operating Lights; Physiotherapy Equipment; Sterilizers; WheelChairs; Litters; Hospital Beds; Restraint Equipment.

6532 Hospital and Surgical Clothing and Related Special Purpose Items

Includes: Only those clothing items which are required exclusively for use in hospital operations, or in medical or dental facilities, which have no functional counterpart elsewhere in Federal Organizations participating in the Federal Catalog System.

Excludes: General purpose items of clothing and fabricated textile material.

6540 Ophthalmic Instruments, Equipment, and Supplies

Includes: Ophthalmic Lens Cutting and Grinding Machine; Ophthalmic Lenses and Lens Blanks; Spectacle Frames; Ophthalmological and Optometric Instruments, Equipment, and Supplies.

Excludes: Optical Lens Cutting and Grinding Machines; Ophthalmoscope and Otolaryngoscope Set; Surgical Instruments and Supplies that can be used by other medical disciplines; i.e., sutures, eye pads, eye shields, eye bath, and the like.

6545 Replenishable Field Medical Sets, Kits, and Outfits

Excludes: Sets and kits which can be logically classified in another FSC Class in Group 65, such as Insect Sting Kit; Otolaryngoscope and Ophthalmoscope Set; In Vitro Diagnostic Test Kits; and the like.

6550 In Vitro Diagnostic Substances, Reagents, Test Kits and Sets

Includes: In vitro diagnostic aids, such as test tablets, test slides, test strips, test cards, test papers, test solutions, reagents; sets and kits designated for in vitro qualitative and quantitative tests on specimens, such as blood, urine, feces, and the like, for the purposes of aiding in the medical diagnosis of disease, determining body organ dysfunction, or other abnormal conditions.

Excludes: In vivo diagnostic substances classifiable in FSC 6505.

**Group 66
Instruments and Laboratory Equipment**

Note-Infrared assemblies (including sub-assemblies and components) designed specifically for use as or with instruments and laboratory equipment are included in the classes of this group. Also included are computers (including computer assemblies, computer systems and components) designed specifically for use with instruments and laboratory equipment.

6605 Navigational Instruments

Includes: Azimuths; Sextants; Octants; Compasses; Plotting Boards; Underwater Log Equipment; Air Position Indicators; Drift Meters.

6610 Flight Instruments

Includes: Air Speed Indicators; Rate of Climb Indicators; Bank and Turn Indicators; Pitot Tubes; Gyro Horizon Indicators; Attitude Gyro Indicators.

Excludes: Navigational Instruments (FSC 6605).

6615 Automatic Pilot Mechanisms and Airborne Gyro Components

Notes: Included in this class are gyro components of guided missiles. Excluded are complete gyro mechanisms and nonairborne gyro components, both of which are classified in the same classes as their next higher assemblies.

Includes: Automatic Pilot Regulators; Directional, Vertical, Bank and Turn, and Hydraulic Surface Gyro Controls; Airborne and Shipborne Automatic Pilot Mechanisms; Helicopter Automatic Stabilization Equipment.

Excludes: Automatic Pilot Training Devices (FSC 6930); and Automatic Pilot Mechanisms, Guided Missile (FSC 1420).

6620 Engine Instruments

Notes: Instruments designed for use on both engines and other than engines are not included in this class and should be classified in the appropriate instruments class of Group 66.

Includes: All Engine Instruments, including Aircraft, Marine, and Vehicular; Fuel Pressure Gages; Manifold Pressure Gages; Oil Pressure Gages; Fuel Mixture Indicators; Engine Oil and Fuel Warning Devices.

6625 Electrical and Electronic Properties Measuring and Testing Instruments

Notes: This class includes all "basic" types of electrical and electronic test instruments, such as ammeters, voltmeters, ohmmeters, multimeters, and similar instruments, even if specially designed. Excluded from this class by the modifier "except specially designed" are test instruments, other than "basic" instruments, which are specially designed for use with atomic ordnance, fire control, guided missile, motor vehicle, aircraft, or photographic equipment. Such specially designed test instruments are to be classified in other classes in the Federal Supply Classification. This class includes communications test equipment, infrared test equipment designed for communication, and night vision maintenance and test specialized equipment.

Includes: Test Leads and Test Lead Attachments; Test instruments designed for communication equipment; Test instruments designed for use with electronic equipment classified in two or more FSC groups.

Excludes: Radiac Equipment

6630 Chemical Analysis Instruments

Includes: Acidity (pH) Meters; Gas Analyzers; Alakalinity Measuring Instruments; Colorimeters.

Excludes: Gas Detecting Equipment; Manual Gas Alarms; Chemicals; In Vitro Diagnostic Substances and Reagents.

6635 Physical Properties Testing and Inspection

Includes: Destructive and Nondestructive Inspection Equipment such as Fluorescent Penetrant Inspection Units; Magnetic Inspection Units; Industrial X-Ray Machines; Industrial X-Ray Film; Tensiometers; Material Hardness Testers.

Excludes: General Purpose Measuring Tools (FSC 5210) and Precision Measuring Tools and Inspection Gages (FSC 5220).

6636 Environmental Chambers and Related Equipment

Notes: This class includes only those environmental chambers used exclusively to perform controlled tests, under simulated conditions, to determine physical damage and/or changes in operating characteristics for equipments and components such as Humidity; Immersion; Moisture; Altitude; Explosion; Thermal Shock; Sand and Dust; Flammability; Seal. Environmental chambers included in this class provide data regarding service life and behavior of various items equivalent to actual service conditions existing in the field.

Includes: Chambers; Wind Tunnels; Enclosures specifically designed to simulate an environmental condition; Weatherometers; Fadeometers; Specially designed equipment and components exclusively related to environmental chambers.

Excludes: General purpose prefabricated buildings, chambers, panels, and components (FSC 5410); Controlled Environmental Conditioning Kits and Sets (FSC 4240); Baths (FSC 4510); Ovens (FSC 7310); Kilns (FSC 3630); Radiosonde Baseline Check Sets (FSC 6660); Divers Recompression Chambers (FSC 4220); Altitude Training Decompression Chambers (FSC 6930); and Chambers used as training devices (FSC 6930); Checkout and Test Equipment (FSC 6625); Chemical Analysis Instruments (FSC 6630); Electrical and Electronic Properties Measuring and Testing Instruments (FSC 6625); and Meteorological Instruments (FSC 6660).

6640 Laboratory Equipment and Supplies
Includes: Laboratory Glassware; Laboratory Funnels; Laboratory Furnaces; Glass Beads; Laboratory White Sand; Litmus Paper; Paper Filters; Insect Transfixion Pins; Laboratory Glass Wool; Laboratory Furniture, except Dental Laboratory.

Excludes: Instruments covered by other classes in group 66; Dental Laboratory Equipment; Laboratory Scales and Balances; In Vitro Diagnostic Substances and Reagents.

6645 Time Measuring Instruments
Includes: Clocks; Job Recording Devices; Time Recorders; Time Stamps, Watch and Clock Movements; Watches.

6650 Optical Instruments, Test Equipment, Components and Accessories
Includes: Binoculars; Magnifiers; Microscopes; Periscopes; Telescopes; Optical Elements; such as Lens, Prisms, Windows; Optical Benches and Associated Devices; Endoscopes, Fiber Optics (Non-Medical).

Excludes: Fire Control Instruments, Optical; Surveying Instruments, Optical; Photogrammetric Instruments; Octants; and Sextants; Optical Instruments Integrated with Fire Control Equipment; Ophthalmological Instruments; Electronic Fiber Optic Test Equipment; Medical Endoscopes.

6655 Geophysical Instruments
Includes: Geodetic, Oceanographic and Seismographic Instruments.

Excludes: Telescopes.

6660 Meteorological Instruments and Apparatus
Includes: Meteorological Ballons; Radiosonde Sets; Radarsonde Sets.

6665 Hazard-Detecting Instruments and Apparatus
Includes: Radiac Equipment; Gas Detecting Equipment; Land Mine Detecting Equipment.

Excludes: Manual Gas Alarms (FSC 6350).

- 6670 Scales and Balances
Includes: Coin Operated, Household, Industrial, Postal, and Laboratory Scales and Balances.
- 6675 Drafting, Surveying, and Mapping Instruments
Includes: Drawing Instruments, Drafting Tools; Engineering and Architectural Scales; Levels; Transits; Photogrammetric Instruments; Astrolabes; Level Rods; Plane Tables; Surveying Altimeters; Theodolites.
Excludes: Surveyors' Tapes.
- 6680 Liquid and Gas Flow, Liquid Level, and Mechanical Motion Measuring Instruments
Includes: Liquid Level Float Instruments; Revolution Counters; Speedometers; Rotation Measuring Instruments and Apparatus; Oxygen Flow Indicators; Tachometers, including Engine Tachometers.
Excludes: Combination Instruments; (FSC 6695); Meteorological Instruments (FSC 6660); and Automatic Control Valves (FSG 48).
- 6685 Pressure, Temperature, and Humidity Measuring and Controlling Instruments
Includes: Thermometers, including Engine Thermometers; Pressure Gages; Thermocouple Leads; Resistance Bulbs.
Excludes: Clinical Therometers; (FSC 6515); Thermostatic and Differential Pressure Switches (FSC 5930); and Meteorological Instruments (FSC 6660).

- 6695 Combination and Miscellaneous Instruments
Includes: Flow-Pressure Instruments; Taximeters; Dynamometers.
Excludes: Dental, Medical, Surgical, and Veterinary Instruments.

**Group 67
Photographic Equipment**

Note-Included are computers (including computer assemblies, computer systems and components) designed specifically for use with photographic equipment.

- 6710 Cameras, Motion Picture
Includes: Aerial and Mapping Cameras.
Excludes: Television Cameras, Nonairborne (FSC 5820); Television Cameras, Airborne (FSC 5821); Video Cameras (FSC 5836).
- 6720 Cameras, Still Picture
Includes: Aerial, Mapping, Microfilm, Photocopy, and Studio Cameras.
Excludes: X-Ray Cameras (FSC 6525), and Industrial X-Ray Machine (FSC 6635).
- 6730 Photographic Projection Equipment
Includes: Screens; Viewers; Photomap Projectors; Integrated Viewers/Printer and Microform storage and retrieval systems.
- 6740 Photographic Developing and Finishing Equipment
Includes: Editing Equipment; Enlargers; Driers; Pressers; Printers; Washers.

- 6750 Photographic Supplies
Includes: Sensitized Photographic Paper; Special Purpose Photographic Chemicals; Unprocessed Film; Photoflash Lamps.
Excludes: X-Ray Film (Medical Class 6525 or Industrial Class 6635); Electrographic (Facsimile) Paper for direct electrostatic printing or copying (FSC 7530).
- 6760 Photographic Equipment and Accessories
Includes: Light Meters; Tripods; Filters; Range-finders; Photographic Floodlight Fixtures; Lenses; Specialized Photographic Test Equipment.
Excludes: Lamps (bulbs) (FSC 6240); Photoflash Lamps (FSC 6750).
- 6770 Film, Processed
Includes: Motion Picture Film, Silent and Sound; Still Picture Film.
Excludes: X-Ray Film (Medical class 6525 or Industrial class 6635); Training and Educational Film (FSC 6910); Processed Microfilm (FSC 7670).
- 6780 Photographic Sets, Kits, and Outfits

Group 68

Chemicals and Chemical Products

Note-In general, individual nonmedicinal chemical elements and compounds are classified in Class 6810. Combinations (or mixtures) of chemical compounds, or chemicals prepared in a particular vehicle (other than water) are generally classified according to use, in classes other than 6810. For example, the chemical compound DDT, is classified in 6810, whereas DDT liquid spray, the insecticide, is classified in 6840-Pest Control Agents and Disinfectants. Similarly items of supply bearing nonchemical names such as BLEACH; INSECTICIDE, ROACH; and ANTIFREEZE are generally classified according to use, in classes other than 6810, whereas corresponding chemical compounds, such as sodium hypochlorite solution, chlordane, and ethylene glycol are classified in 6810. Medicinal chemicals are generally classified in 6505-Drugs and Biologicals; in vitro diagnostic substances and reagents are classified in 6550-In Vitro Diagnostic Substances, Reagents, Test Kits and Sets. Excluded from this group are liquid chemicals designed exclusively for use as propellant fuels and oxidizers.

6810 Chemicals

Includes: Naphtha Solvents; Water Softening Compounds; Tanning Materials, Natural or Synthetic; Dextrines and Starches; Inedible Gelatins; Acetone; Propellant Chemicals, Bulk, not Specialized Solely for Guided Missile Use.

Excludes: Medicinal Chemicals; Gases; Foundry dextrines; Radiographic and Photographic Chemicals; In Vitro Diagnostic Substances and Reagents.

6820 Dyes

Includes: Household Tints

- 6830 Gases: Compressed and Liquefied
Includes: Fuel Gases.

Excludes: Military Chemical Gases; Medical Gases; Empty Gas Cylinders and their caps, valves, and valve spare parts.
- 6840 Pest Control Agents and Disinfectants
Includes: Insect Repellents; Fungicides; Insecticides; Rodenticides; Weed Killers.

Excludes: Personal Deodorants.
- 6850 Miscellaneous Chemical Specialties
Includes: Antifogging Compounds; Wetting Agents; Etching and Fountain Solutions for Lithographing; Blanket Repair Solutions for Lithographing; Antifreeze.

**Group 69
Training Aids and Devices**

Note-Included are computers (including computer assemblies, computer systems and components) designed specifically for use as, or with training aids and devices.

- 6910 Training Aids
Includes: Mockups; Cutaway Models; Scale Models; Training Films; Training Aid Maps; Navigational Training Aids; Flight Instrument Training Aids; Aircraft Instrument Training Aids; Vehicle Training Aids; Engine Instrument Training Aids; Hydraulic System Training Aids; Cutaway, Mockup, or Sectionalized Ammunition only; Training Equipment normally used in classroom training.

Excludes: Drill, Dummy, Exercise, Practice, or Simulated Ammunition and Weapons.

- 6920 Armament Training Devices
Includes: Bombing Trainers; Gunnery Trainers; Tow Targets; Gunnery Targets; Guided Missile Training Sets.

Excludes: Target Drones; Drones for such use as training, surveillance, missile evaluation, and photographic reconnaissance; Atomic Ordnance Training Devices; Training Aids; Drill, Dummy, Exercise, Practice, or Simulated Ammunition and Weapons.
- 6930 Operation Training Devices
Includes: Link Trainers; Automatic Pilot Training Devices; Drift Meter Training Devices; Celestial Navigation Trainers; Dead Reckoning Navigation Trainers; Instrument Flying and Landing Trainers; Terrain Projection Trainers; All operational training devices except communication and armament.

Excludes: Training Aids.
- 6940 Communication Training Devices
Includes: Supersonic Radar Trainers; Navigational Radar Trainers; Search and Detecting Radar Trainers; Code Practice Equipment.

Excludes: Training Aids.

Group 70
Automatic Data Processing Equipment
(Including Firmware), Software, Supplies and
Support Equipment

7010 ADPE System Configuration

Notes: A group of general purpose analog, digital, or hybrid electronic or electromechanical devices that are interconnected to operate as a system. Frequently referred to as an ADP system, although the term "system" is not considered definitive. Includes an assembly of devices consisting of a central processing unit (CPU) and the necessary input/output devices, accessorial devices, analog measurement devices, software and/or firmware required to perform the desired objectives. Also includes sub-assemblies and units in which input/output devices, CPUs, and/or accessorial devices or components are incorporated into a single assembly or unit. A specially designed device incorporated into a system shall not influence the classification of the base assembly or unit.

7020 ADP Central Processing Unit (CPU, Computer), Analog

Notes: An analog is a representation in one form of a physical condition existing in another form (e.g., the level of mercury in a tube represents temperature in a thermometer; the angular position of a needle represents speed on a speedometer). This class includes only CPUs that accept as inputs the electrical equivalent of physical conditions such as flow, temperature, pressure, angular position or voltage and perform computations by manipulating these electrical equivalents to produce results for further use.

7021 ADP Central Processing Unit (CPU, Computer), Digital

Notes: Digital refers to the representation of discrete numbers, symbols and alphabetic characters by a predetermined, coded combination of electrical impulses. This class includes only CPUs that accept information represented by digital impulses. Specifically, a device capable of performing sequences of arithmetic and logic operations (a program) not only on data but also on the program which is contained in its internal memory (storage) without intervention of an operator.

7022 ADP Central Processing Unit (CPU, Computer), Hybrid

Notes: Hybrid refers to a combination of analog and digital capability as defined in Classes 7020 and 7021 with conversion capability required for intercommunication.

7025 ADP Input/Output and Storage Devices

Notes: This class includes devices used to control and transfer information to and from a Computer (as modified). The input device is used for transferring data and instructions into a computer. The output device is used to transfer results of processing by the computer to ADP peripheral devices. Input/output devices combine the above functions in the same device. This class includes printers, display units, disk drive units (magnetic, optical and floptical), tape drive units, terminals, data entry devices and transfer units. Also includes Optical Compact Disk (CD) devices used for the storage and retrieval of data and firmware.

7030 ADP Software

Notes: Software is a series of instructions or statements in a form acceptable to a CPU, designed to cause the ADPE configuration to execute an operation or operations; or a collection of data in a form capable of being processed and operated on by a computer.

Includes: System programs, such as operating systems, assemblers, compilers, executive routines, interpreters, translators; utility programs, such as sort/merge programs, media conversion, maintenance diagnostic programs; and application programs, such as payroll, inventory control, and engineering analysis programs.

Excludes: Software designed to Government specifications to satisfy the requirements of a particular user or for use with ADPE properly classifiable in an FSG other than FSG 70. Also excludes operating manuals and programmers' manuals properly classified in FSG 76.

7035 ADP Support Equipment

Notes: This class includes various devices and associated control units which are designed for use in combination or conjunction with an ADPE configuration but are not part of the configuration itself. ADP support equipment includes magnetic tape testing, certifying, and cleaning equipment; disk pack testing, certifying and cleaning equipment; tape equipment, rewinders, splicers, spoolers and card reconditioners. Included in this class are complete units and components of related general purpose commercially available support equipment which are not specifically designed for use as part of a system such as a weapon system, control system, digital image processing system, missile system, communication system or navigation system. Also included are support control systems and components not specifically designed for use with process control such as automatic machine tool processing operations in which flow, pressure, temperature or other parameters are controlled by instrument regulations in automatic machine tool and process operations.

7040 Punched Card Equipment

Includes: Collating machines, key punch machines, tabulating machines; verifiers; reproducers; summary punches, sorters; interpreters.

Excludes: Card actuated machines designed for use with an ADPE system.

- 7042 Mini and Micro Computer Control Devices
- Includes: Mini or micro computers used as control mechanisms where computer technology is essential in controlling, monitoring, measuring, and directing processes, devices, instruments or other equipment.
- Excludes: Mini and micro computer control devices which are designed specifically for use in and/or integral to higher order systems, e.g., aircraft fire control systems, numerically controlled machine tools, sequence controlled printing equipment, motion measuring instruments, office information system equipment, and the like.
- 7045 ADP Supplies
- Notes: This class includes ADP tape seal bands, reels and hubs, carrying cases, canisters, and the like. Also includes all nonrecorded magnetic recording media designed to be used with ADP equipment, such as magnetic tape, removable disk packs, magnetic cards, cassettes, and diskettes. Also includes Optical Disks used for the storage of data.
- 7050 ADP Components
- Notes: This class includes ADP Component Assemblies that are parts of analog, digital or hybrid data processing devices. Excluded from the class are items for which more specific classifications are suitable. The FSC structure and indexes will govern the classification of those items permitted classification in a single class only.

**Group 71
Furniture**

- 7105 Household Furniture
- Includes: Bedsprings, Open Style (All-metallic); Folding Chairs; Camp Furniture; Mirrors, Wall Mounting and Furniture Types; Smoking Stands.
- Excludes: Hospital Beds and Bedsprings; Ash Trays; Mattresses; Bedsprings, Box Style (Fabric Covered).
- 7110 Office Furniture
- Includes: Filing Cabinets; Safes; Post Office Furniture; School Furniture; Blackboards.
- Excludes: Dental X-Ray Film Protective Safes; Visible Record Equipment.
- 7125 Cabinets, Lockers, Bins, and Shelving
- Includes: Kitchen Cabinets; Sectional Shelving.
- Excludes: Foot Lockers; Filing Cabinets.
- 7195 Miscellaneous Furniture and Fixtures
- Includes: Stone, Clay, and Concrete Furniture; Auditorium and Theater Furniture; Library Furniture; Cashier Stands.

**Group 72
Household and Commercial Furnishings and
Appliances**

- 7210 Household Furnishings
Includes: Household Furnishings of Textiles, Plastics, Paper, Rubber, and other materials; Sheets, Pillows, Blankets, and other Bedding; Insect Bars; Tablecloths; Towels; Steamer Rugs; Mattresses; Bedsprings, Box style (Fabric Covered); Bedspring and Mattress Sets.
Excludes: Floor Coverings; Curtains; Draperies; Paper Napkins; Paper Doilies; Bedsprings, Open Style (All-Metallic).
- 7220 Floor Coverings
Includes: Linoleum; Rubber and Asphalt Tile; Carpets; Rugs; Rug Pads.
Excludes: Vehicular Floor Mats.
- 7230 Draperies, Awnings, and Shades
Includes: Curtains; Specialized Hardware and Fittings for Curtains, Draperies, Venetian Blinds, and Window Shades.
- 7240 Household and Commercial Utility Containers
Includes: Refuse Cans; Sprinkling Cans; Clothes Hampers; Household Basket; Fabric Utility Containers.
- 7290 Miscellaneous Household and Commercial Furnishings and Appliances
Includes: Fireplace Sets; Vases and Urns; Household Sewing Machines.

**Group 73
Food Preparation and Serving Equipment**

- 7310 Food Cooking, Baking, and Serving Equipment
Notes: This class includes warming and/or chilling equipment used for the display and serving of food.
Includes: Warming and/or Chilling Tables, Stationary and Portable; Serving Carts; Field and Mobile Baking Ovens; Toasters; Waffle Irons; Grills; Special Aircraft, Marine, and Railway Type Food Cooking Equipment; Utensils with Integral Heating Units; Cafeteria Type Display Cases and Showcases; Soda Fountains; Milk, Soda, and/or Ice Cream Dispensers; Cold Food Counters; Combination Heated-Refrigerated Food Serving Equipment; Carbonators; and other types of refrigerated food serving and display equipment commonly used in cafeterias, mess hall kitchens, and the like.
Excludes: Carts other than Serving; Commissary or Food Store Type Refrigeration Equipment; Commercial Household, or Professional and Scientific Refrigerators; Drinking Fountains; (see Class 4110 for items excluded from Class 7310).
- 7320 Kitchen Equipment and Appliances
Includes: Dishwashing Machines; Food Slicing Machines; Food Mixers; Utility Carts Specially designed for use in Kitchen and Dining Area.
Excludes: Sinks; Serving Carts (see Class 7310 for Food Serving Carts).
- 7330 Kitchen Hand Tools and Utensils
Includes: Pots; Pans; Can Openers; Graters; Food Mashers; Cleavers; Vacuum Bottles and Jugs.
Excludes: Utensils with Integral Heating Units; Knives; Forks; Spoons.

- 7340 Cutlery and Flatware
Includes: Knives; Forks; Spoons; Hunting Knives.
- 7350 Tableware
Includes: China and Earthenware; Glassware; Paper Plates and Cups.
- 7360 Sets, Kits, Outfits and Modules, Food Preparation and Serving

**Group 74
Office Machines, Text Processing Systems
and Visible Record Equipment**

- 7420 Accounting and Calculating Machines
Includes: Accounting and adding machines and electronic calculators.

Excludes: Punched card system machines; Machines or devices that can be applied to a variety of problems by the internal execution of a series of instructions, not limited to specific keystroke functions, but controlled by a general purpose data processing language.
- 7430 Typewriters and Office Type Composing Machines
Includes: Typewriters and office type composing machines with built-in electric/electronic functions such as margins, headings, tabs, centering and related actions.

Excludes: Typewriters and office type composing machines which are designed primarily for use as a component of an ADPE system or that are user programmable, and that can be applied to a variety of applications by the internal execution of a series of instructions, not limited to specific keystroke functions, but controlled by some form of general purpose data processing language.

- 7435 Office Information System Equipment
Includes: Minicomputer and microcomputer controlled systems specifically designed for user programmable processing of the office information application; Connected peripheral equipment; Automatic repetitive typewriters; Text editing typewriters and video display text editing typewriters.

Excludes: General purpose ADPE which is designed primarily to be applied through the internal execution of a series of instructions, not limited to specific keystroke functions, but controlled by a general purpose data processing language, to process a variety of applications such as financial management, logistics, scientific, communications, and the like.
- 7450 Office Type Sound Recording and Reproducing Machines
Includes: Dictating Machines; Transcribing Machines; Combination Dictating and Transcribing Machines.

Excludes: Communication Type Sound Recording and Reproducing Machines.
- 7460 Visible Record Equipment
Includes: Manually operated and power operated visible record equipment; visible index files, rotary and stationary; specially designed components, such as Wire and Bar Pockets, Cover Plates, Stop Wires, and Channel Stops; Control Boards; Binder Racks; devices and systems designed to automatically store and retrieve hard copy documents. For those microform automatic retrieval systems that contain an integral viewer or view/printer, see Class 6730.

7490 Miscellaneous Office Machines
Includes: Addressing Machines; Check Handling Machines; Coin Counting Machines; Mailing Machines, Currency Handling Machines.
Excludes: Pencil Sharpeners; Staplers, Office Type; Duplicating Equipment.

**Group 75
Office Supplies and Devices**

7510 Office Supplies
Includes: Crayons; Erasers; File Holders; Writing Ink; Printing Ink; Paper Fasteners; Pencils; Penholders and Pen Points; Rulers, Office Type; Art Supplies; Tape, Pressure Sensitive Adhesive.
Excludes: Office Devices; Fountain Pens; Artists' Brushes; Paper Stationery; Record Forms; Mechanical Pencils.

7520 Office Devices and Accessories
Includes: Copyholders; Fountain Pens and Pen Desk Sets; Pencil Sharpeners; Paper Punches; Staplers, Office Type; Artists' Accessories, such as Easels, Airbrushes; Slide Rules.

7530 Stationery and Record Forms
Includes: Business Forms; Record Books; Surveyors' Computation Forms; Electric Accounting Machine (EAM) Cards; Forms approved for use within individual government activities.
Excludes: Standard forms approved for government-wide use.

7540 Standard Forms
Includes: Only those standard forms approved for government-wide use by the government activities empowered to do so (such as the U.S. Bureau of the Budget and the U.S. General Accounting Office, and similar organizations in other NATO countries).
Excludes: Forms approved for use within individual government activities.

**Group 76
Books, Maps, and Other Publications**

7610 Books and Pamphlets
Includes: Technical and Nontechnical Books and Pamphlets; Regulations; Instruction Manuals; Technical Orders.
Excludes: Sheet and Book Music; Periodicals; Bibles.

7630 Newspapers and Periodicals

7640 Maps, Atlases, Charts, and Globes
Excludes: Training Aid Maps

7641 Aeronautical Maps, Charts and Geodetic Products

7642 Hydrographic Maps, Charts and Geodetic Products

7643 Topographic Maps, Charts and Geodetic Products

7644 Digital Maps, Charts and Geodetic Products

7650 Drawings and Specifications
Includes: Federal, Military, and Departmental Specifications.

- 7660 Sheet and Book Music
Excludes: Hymnbooks.
- 7670 Microfilm, Processed
- 7690 Miscellaneous Printed Matter
Includes: Decals; Printed Posters;
Printed Labels.

Excludes: Sheet and Book Music.
- Group 77
Musical Instruments, Phonographs, and
Home-Type Radios**
- 7710 Musical Instruments

Notes: This class includes only complete musical instruments. Assemblies, parts, attachments, or accessories for use in or on musical instruments are classified in classes other than this class.

Excludes: Phonographs; Radios; Television Sets.
- 7720 Musical Instrument Parts and Accessories

Includes: Instrument Cases; Music Stands; Tuning Forks.
- 7730 Phonographs, Radios, and Television Sets: Home Type

Notes: This class includes only complete home-type phonographs, complete home-type radios, and complete home-type television sets. End items, assemblies, parts, attachments, or accessories for use in or on the above are classified in classes other than this class.

Includes: Combination Sets.

Excludes: Coin Operated Phonographs; Wire and Tape Recorders.

- 7735 Parts and Accessories of Phonographs, Radios, and Television Set: Home Type

Includes: Remote Control Handsets

Excludes: Batteries (FSC 6135/6140), Charger, Battery (FSC 6130), Headset (FSC 5965), Microphone (FSC 5965), Power Adapter/Supply (FSC 6130), and Speakers (FSC 5965)
- 7740 Phonograph Records

Excludes: Training Aid Records.

**Group 78
Recreational and Athletic Equipment**

- 7810 Athletic and Sporting Equipment

Includes: Baseball Equipment; Basketballs; Boxing Gloves; Fencing Masks; Fishing Tackle, except Commercial; Handballs; Shin Guards, Hockey.

Excludes: Athletic and Sports Clothing.
- 7820 Games, Toys, and Wheeled Goods

Includes: Baby Carriages; Checkers; Doll Carriages; Dolls; Playing Cards; Velocipedes; Handicraft Kits, not elsewhere classifiable.
- 7830 Recreational and Gymnastic Equipment

Includes: Slides; Swings; Amusement Park and Shooting Gallery Equipment; Play Yard and Playground Equipment; Billiard and Pool Tables and Equipment; Gymnasium Equipment.

**Group 79
Cleaning Equipment and Supplies**

- 7910 Floor Polishers and Vacuum Cleaning Equipment
Includes: Domestic and Industrial Vacuum Cleaning Equipment; Carpet Sweepers.
Excludes: Self-propelled and Trailer Mounted Vacuum Cleaners.
- 7920 Brooms, Brushes, Mops, and Sponges
Includes: Squeegees; Whisk Brooms.
Excludes: Hair Brushes; Toothbrushes; Paint and Artists' Brushes.
- 7930 Cleaning and Polishing Compounds and Preparations
Includes: Scouring Powders; Washing Compounds; Detergents; Nontoilet Soaps; Automobile and Household Polishes and Waxes.
Excludes: Shaving Soap; Toilet Soap; Abrasive Polishing Compounds; Metal Finishing Abrasives; Surgical Detergents.

**Group 80
Brushes, Paints, Sealers, and Adhesives**

- 8010 Paints, Dopes, Varnishes, and Related Products
Includes: Water Paints; Oil Paints and Latex; Driers; Paint Primers; Lacquers; Paint Sealers; Pigments for Coloring; Stains; Turpentine; Paint Removers.
Excludes: Acetone, Wood and Wall Fillers.
- 8020 Paint and Artists' Brushes
Excludes: Airbrushes.

- 8030 Preservative and Sealing Compounds
Includes: Fire Resistant Compounds; Water Resistant Compounds; Weather Resistant Compounds; Belt Dressing; Antiseize Compounds; Calking and Glazing Compounds; Putties; Wood and Metal Fillers.
Excludes: Food Preservative Compounds.

- 8040 Adhesives
Includes: Glue; Mucilage; Sizes; Adhesive Cements.

**Group 81
Containers, Packaging, and Packing Supplies**

Note-A chest, case, box, roll, bag, or other container, when specifically designed for housing of a set, kit, outfit, or individual item (with or without attachments or spares), for its protection when not in use, or for the convenience of the user, is classified in the same class as the item or items for which designed, or in such other class as is appropriate. However, when the chest, case, box, roll, bag, or other container is primarily a shipping container, it is classified in Group 81.

- 8105 Bags and Sacks
Includes: Shipping and Protective Envelopes; Liners for Bags and Sacks; Textile and Paper Laminated Shipping Bags; Closures for Bags and Sacks.
- 8110 Drums and Cans
Includes: Barrels; Kegs; Shipping and Storage Pails; Collapsible Tubes; Mailing and Filing Tubes; Closures for Drums and Cans.

8115 Boxes, Cartons, and Crates
Includes: Shoe Boxes; Beer Cases; Pill Boxes; Piano Cases; Engine Boxes; Bombsight Boxes.

Excludes: Special boxes, packages, and containers designed primarily for shipping, storage, and handling of ammunition, nuclear ordnance, explosives, guided missiles, military chemical agents; and repairable/reusable containers specially designed for specialized equipment such as the "Shipping and Storage Container" for components of aircraft, space vehicles, automotive vehicles, ships, ground communication equipment.

8120 Commercial and Industrial Gas Cylinders
Notes: This class includes empty commercial and industrial gas cylinders and their caps, valves, and valve spare parts.

Excludes: Filled gas cylinders and items related to gaseous and liquefied gaseous dispensing systems, both mobile and installed. All components of installed gas dispensing systems are classified by "application" or "function" with the end equipment for which designed.

8125 Bottles and Jars
Includes: Shipping Jugs and Carboys; Ampoules.

8130 Reels and Spools

8135 Packaging and Packing Bulk Materials
Includes: Wrapping Paper; Moisture Vapor Barrier Paper; Excelsior; Wadding for Packing; Corrugated Paper; Baling Bands, Baling Ties; Shipping Tags; Gummed Paper Tape; Separators; Box Liners; Packaging Staples; Baling Wire; Preformed Cushioning Inserts.

Excludes: Adhesives; Aluminum Foil other than for food handling and processing.

8140 Ammunition and Nuclear Ordnance Boxes, Packages and Special Containers
Notes: This class includes only containers and fittings which are specifically designed for the storage, handling, and shipping of ammunition, explosives, and military chemical agents.

Includes: All shipping and storage containers specially designed for guided missiles, major missile sections, missile warheads, and other guided missile components.

Excludes: General Purpose Containers, Shipping and storage reusable/repairable containers specially designed for components of aircraft, space vehicles, automotive vehicles, ships, and ground communication equipment.

8145 Specialized Shipping and Storage Containers

Notes: This class includes only reusable and repairable containers specially designed for shipping and storage of specialized equipment; i.e., shipping and storage containers for components of aircraft, space vehicles, automotive vehicles, ships, ground communication equipment, etc.

Includes: Specially designed components (not elsewhere classifiable) peculiar to special shipping and storage containers as delimited under this class.

Excludes: General purpose containers; specially designed containers for ammunition, nuclear ordnance, explosives, military chemical agents and guided missile components. Excluded from this class are items for which more specific classifications are suitable. The FSC Indexes and Structure will govern the classification of those items permitted classification in a single class only.

8150 Freight Containers

Notes: This class includes only International Organization for Standardization (ISO) configured containers designed to facilitate the repeated carriage of goods by multiple modes of transportation without intermediate reloading.

Includes: General Purpose, Dry Bulk, Ammunition Grade, Named Cargo, Thermal, Open-top, Platform, Tank and Air/surface containers.

Excludes: Shipping and storage reusable/repairable containers specially designed for components of aircraft, space vehicles, automotive vehicles, ships, and ground communication equipment. Also excludes special boxes, packages and containers designed primarily for shipping, storage and handling of ammunition, nuclear ordnance, explosives, guided missiles, and military chemical agents.

**Group 83
Textiles, Leather, Furs, Apparel and Shoe
Findings, Tents and Flags**

8305 Textile Fabrics

Notes: This class includes only textiles in bulk. Excluded from this class are items that are precut or preformed, thus limiting their usefulness to specific applications. Such items are classified in the same class as the item or items for which designed, or in such other class as is appropriate.

Includes: Canvas Materials; Plastic Fabrics; Felt Materials; Netting, Plastic and Textile; Oilcloth; Textile Scrap.

Excludes: Carpeting.

8310 Yarn and Thread

- 8315 Notions and Apparel Findings
Includes: Buttons; Dressmakers' Pins; Needles; Shoulder Pads; Embroideries; Stamped Art Goods for Embroidery and Art Needlework; Hair Nets; Sewing Kits.
Excludes: Yarn; Thread; General Purpose Buckles.
- 8320 Padding and Stuffing Materials
Includes: Feathers and Downs, Processed; Spanish Moss, Processed; Cotton Wadding and Batting; Kapok.
Excludes: Feathers and Downs, Unprocessed.
- 8325 Fur Materials
Notes: This class includes only fur materials in bulk. Excluded from this class are items that are precut or preformed, thus limiting their usefulness to specific applications. Such items are classified in the same class as the item or items for which designed, or in such other class as is appropriate.
Includes: Crosses; Sacs; Fur Plates; Fur Mats.
- 8330 Leather
Includes: Garment Leather; Patent Leather; Glove Leather; Shoe Leather; Upholstery Leather; Industrial Leather.
Excludes: Belting; Shoe Findings.
- 8335 Shoe Findings and Soling Materials
Includes: Counters; Taps; Shoe Laces; Lasts and Last Sole Patterns; Ornamental Shoe Buckles and Bows.

- 8340 Tents and Tarpaulins
Notes: Fitted covers which are specifically designed for use on or with specific individual types of equipment are excluded from this class and are to be classified in the same classes as the items for which they are designed, or in such other classes as are appropriate.
Includes: Tent Pins; Tent Poles; Multiple purpose covers of woven or unwoven fabrics, not for permanent installation.
- 8345 Flags and Pennants
Includes: Signalling Flags; Flagstuffs; Signal Shapes; Flagpoles; Flagstaff Trucks; Speed Cones; Flagstaff Belts; Semaphore Flags.

Group 84
Clothing, Individual Equipment, and Insignia
Note-Where applicable, clothing items which are intended for use by both men and women are classified in the appropriate "men's" class.

- 8405 Outerwear, Men's
Includes: Uniforms, Military and Nonmilitary; Civilian Outerwear; Headwear; Work Clothing (Ordinary Nonsafety); Shirts; Trousers; Coats.
Excludes: Items included in other classes such as Special Purpose Clothing; Helmets, Steel and Plastic; Safety Clothing; Handwear; Footwear.
- 8410 Outerwear, Women's
Includes: Uniforms, Military and Nonmilitary; Civilian Outerwear; Headwear; Work Clothing (Ordinary Nonsafety); Shirts; Skirts; Blouses.
Excludes: Items included in other classes such as Special Purpose Clothing; Helmets, Steel and Plastic; Safety Clothing; Handwear; Footwear.

8415	<p>Clothing, Special Purpose</p> <p>Notes: This class includes conventional winter, summer, and intermediate flight clothing ensembles and their components. Excluded from this class are specialized antiexposure, antigravity, partial pressure, and full pressure, flight ensembles and their specialized components.</p> <p>Includes: Special Purpose Headwear, including Helmets, except Ballistic Protective; Safety and Protective Clothing; Athletic Clothing; Safety, Combat, Protective, and Work Gloves; Submarine Deck Exposure Clothing; Flight Clothing Components designed for use with both Specialized and Conventional Ensembles.</p> <p>Excludes: Sporting and Athletic Gloves; Athletic Footwear; Safety Footwear; Personal Armor; Special Hospital and Surgical Clothing. Excludes special purpose clothing wherein the primary purpose is ballistic resistant protection. This class will include common use components of both ballistic and conventional end items.</p>	8440	<p>Hosiery, Handwear, and Clothing Accessories, Men's</p> <p>Includes: Handkerchiefs; Suspenders; Garters; Belts; Dress Handwear; Leggings, Nonsafety Type.</p>
8420	<p>Underwear and Nightwear, Men's</p>	8445	<p>Hosiery, Handwear, and Clothing Accessories, Women's</p> <p>Includes: Handkerchiefs; Garters; Belts; Neckerchiefs; Handbags; Dress Handwear; Leggings, Nonsafety Type.</p>
8425	<p>Underwear and Nightwear, Women's</p> <p>Includes: Corsets; Girdles.</p>	8450	<p>Children's and Infants' Apparel and Accessories</p> <p>Includes: Footwear; Outerwear; Headwear; Handwear; Underwear; Nightwear.</p>
8430	<p>Footwear, Men's</p> <p>Includes: Rubber Footwear; Athletic Footwear; Safety Footwear; Submarine Deck Exposure Footwear.</p>	8455	<p>Badges and Insignia</p> <p>Notes: This class includes only items worn or carried on the person.</p> <p>Excludes: Nonpersonal Insignia.</p>
8435	<p>Footwear, Women's</p> <p>Includes: Rubber Footwear; Athletic Footwear; Safety Footwear.</p>	8460	<p>Luggage</p> <p>Includes: Foot Lockers; Brief Cases; Trunks; Suitcases.</p> <p>Excludes: Duffel Bags; Musette Bags</p>
		8465	<p>Individual Equipment</p> <p>Includes: Musette Bags; Duffel Bags; Ammunition Belts; Pistol Belts; Handcuffs; Packboards; Sleeping Bags; Knapsacks; Hikers' Packs; Sunglasses; Skis; Snowshoes; Swords with Scabbards.</p> <p>Excludes: Toilet Articles; Mess Gear; Fabric Utility Containers.</p>

8470 Armor, Personal
Includes: Clothing specially designed for use as personal armor.
Excludes: All specialized flight clothing and accessories which may contain ballistic resistant properties as a secondary function. Excludes special purpose clothing wherein the primary function is for purposes other than ballistic protection

8475 Specialized Flight Clothing and Accessories
Includes: Specialized Antiexposure, Antigravity, Partial Pressure, and Full Pressure Ensembles, and Specialized Components therefor, including Unpressurized Protective Helmets, Eye Protective Devices, and items with Sound Attenuating Features.
Excludes: Conventional Winter, Summer, and Intermediate Flight Clothing Ensembles, and Components therefor; Components designed for use with both Specialized and Conventional Flight Clothing Ensembles.

**Group 85
Toiletries**

Note-Excluded from this group are medicated cosmetics and toiletries that have been determined to be drugs in accordance with the Federal Food, Drug, and Cosmetic Act. For medicated cosmetics and toiletries, see Class 6508.

8510 Perfumes, Toilet Preparations, and Powders
Includes: Colognes; Cosmetics; Deodorants; Depilatories; Toilet Waters.

8520 Toilet Soap, Shaving Preparations, and Dentifrices
Includes: Toothpaste; Shaving Soap.
Excludes: Medicated Soaps.

8530 Personal Toiletry Articles
Includes: Hair Brushes; Nail Brushes; Nail Files; Toothbrushes; Manicure and Pedicure Implements; Razors and Blades.
Excludes: Dental Floss.

8540 Toiletry Paper Products
Includes: Facial Tissues; Paper Toilet Seat Covers; Toilet Paper; Paper Napkins; Doilies.
Excludes: Towel Dispensers; Paper Plates and Cups.

**Group 87
Agricultural Supplies**

8710 Forage and Feed
Includes: Hay; Manufactured Feed; Straw; Zoological Animal Food.

8720 Fertilizers
Includes: Natural and Synthetic Fertilizers; Peat Moss; Animal Manures.

8730 Seeds and Nursery Stock
Includes: Cut Flowers.

**Group 88
Live Animals**

8810 Live Animals, Raised for Food

8820 Live Animals, Not Raised for Food

**Group 89
Subsistence**

Note-Subsistence items which are specifically prepared for dietetic use are classified in Class 8940. Nondietetic foods, even though they bear the same approved item names as corresponding dietetic foods, are classified in Classes other than 8940.

- 8905 Meat, Poultry, and Fish
Includes: Game Birds; Shellfish; Sausage Casings.
- 8910 Dairy Foods and Eggs
Includes: Ice Cream; Frozen Custards; Ice Cream Mixes; Rennet; Milk Sherbets; Ices.
- 8915 Fruits and Vegetables
Includes: Baked Beans; Juices.
- 8920 Bakery and Cereal Products
Includes: Flour; Prepared Flour; Prepared Cereals; Macaroni.
- 8925 Sugar, Confectionery, and Nuts
Includes: Candy; Chewing Gum; Honey; Maple Syrup.
- 8930 Jams, Jellies, and Preserves
- 8935 Soups and Bouillons
- 8940 Special Dietary Foods and Food Specialty Preparations
Includes: Infant Foods; Potato Chips; Prepared Pie and Cake Fillings.
- 8945 Food, Oils and Fats

- 8950 Condiments and Related Products
Includes: Salad Dressings; Spices; Seasonings; Flavoring Extracts; Yeast; Olives.
- 8955 Coffee, Tea, and Cocoa
Includes: Postum; Yerba Mate; Chicory.
- 8960 Beverages, Nonalcoholic
Includes: Soft Drinks; Ice.
- 8965 Beverages, Alcoholic
Includes: Beer; Whisky; Wine; Liqueur.
Excludes: Sacramental Wine and Medicinal grade Brandy, Whisky, and Wine.
- 8970 Composite Food Packages
Includes: Ration Packs and Emergency Rations; Care Packages.
- 8975 Tobacco Products
Includes: Snuff; Cigarettes; Cigars.

**Group 91
Fuels, Lubricants, Oils, and Waxes**

- 9110 Fuels, Solid
Includes: Ration Heating Tablets; Cordwood; Charcoal; Briquettes; Coke.
Excludes: Peat.

- 9130 Liquid Propellants and Fuels, Petroleum Base
- Notes: This class includes liquid propellants with more than 50 percent or higher petroleum content.
- Includes: All Aviation Gasoline; JP-1, 3, 4, and 5 Jet Fuel; Combat Vehicle and Automotive Gasoline (all types and grades); Liquid Propellants, Bulk; Liquid Propellants, predetermined to specific quantity and quality, packaged in reusable containers.
- Excludes: Solid Propellants; Liquid Propellants, encased in consumable containers, for insertion into missile propulsion systems as integral parts.
- 9135 Liquid Propellant Fuels and Oxidizers, Chemical Base
- Notes: This class includes liquid propellants with more than 50 percent or higher chemical content.
- Includes: Liquid chemicals designed exclusively for use as propellant fuels and oxidizers; Liquid Propellants, Bulk; Liquid Propellants, predetermined to specific quantity and quality, packaged in reusable containers.
- Excludes: Multiple-use chemicals, such as Nitrogen, Technical; Ammonia, Technical; Furfuryl Alcohol, Technical; Aniline, Technical; Solid Propellants; Liquid Propellants, encased in consumable containers, for insertion into missile propulsion systems as integral parts.
- 9140 Fuel Oils
- Includes: Light Burner Fuels; Diesel Fuels; Kerosine; Military Specification Type Residuals; Special and Heavy Grade Turbine Vessel Propulsion Fuels; Federal Specification Heavy Burner Fuels; Bunker "C" Commercial Grade Fuel; Heavy Fuel and other Black (Boiler Type) Fuels; Illuminating Oils.

- 9150 Oils and Greases: Cutting, Lubricating, and Hydraulic
- Includes: Petrolatum, except USP.
- Excludes: Rust Preventive Compounds; Antiseizing Compounds; Petrolatum, USP.
- 9160 Miscellaneous Waxes, Oils, and Fats
- Includes: Animal, Vegetable, and Petroleum Waxes; Wool Grease (Lanolin); Tallow; Marine Oils; Coconut Oil; Soap Stock; Essential Oils, except USP or NF grades.
- Excludes: Edible Fats and Oils; Household and Automobile Waxes.

**Group 93
Nonmetallic Fabricated Materials**

- 9310 Paper and Paperboard
- Includes: Book Paper Stock; Newsprint; Paperboard; Bulk Paper Materials.
- Excludes: Corrugated Paper; Wrapping Paper; Building Board; Insulating Board; Stationery; Construction Paper; Paper Towels; Facial Tissues; Blank Books; Containers; Shipping and Identification Tags.
- 9320 Rubber Fabricated Materials
- Includes: Natural and Synthetic Rubber Fabricated Materials, such as Rubber Sheets, Structural Rubber Shapes, Strips.
- 9330 Plastics Fabricated Materials
- Includes: Cellulose Acetate and other plastics; Bars, Rods, Sheets, and Strips.
- Excludes: Cable, Fiber Optic.

9340 Glass Fabricated Materials
Includes: Glass Rods, Bars, and Tubing; Optical Glass Blanks; Structural and Building Glass; Glass Blocks.

Excludes: Insulators (FSC 5970); Ophthalmic Glass Blanks (FSC 6540); and Cable, Fiber Optics (FSCs 6015 and 6615).

9350 Refractories and Fire Surfacing Materials

9390 Miscellaneous Fabricated Nonmetallic Materials

Includes: Cork Fabricated Basic Materials; Asbestos Fabricated Materials; Manufactured Mica; Minerals for scientific and technical use (cut but not mounted); Pottery Supplies; Catgut and Wormgut; Vegetable Brush Fibers; Bagasse.

**Group 94
Nonmetallic Crude Materials**

9410 Crude Grades of Plant Materials

Includes: Flavoring Materials; Crude Drugs of Plant-Origin; Crude Materials for Perfume; Tobacco, Unmanufactured.

9420 Fibers: Vegetable, Animal, and Synthetic

Includes: Cotton, Wool, Silk, Horsehair, Rayon, and Nylon Fibers.

9430 Miscellaneous Crude Animal Products, Inedible

Includes: Feathers and Downs, Unprocessed; Ivory; Bristles; Hides and Fur Skins, Crude.

9440 Miscellaneous Crude Agricultural and Forestry Products

Includes: Cereal Grains; Sugar Crops; Crude Rubber.

9450 Nonmetallic Scrap, Except Textile

**Group 95
Metal Bars, Sheets, and Shapes**

9505 Wire, Nonelectrical

Notes: This class contains bulk material only. Specially designed items should be placed in a more appropriate class. Wire is a thin, flexible, continuous length of metal, usually of circular cross-section.

Includes: Bulk Nonelectrical Wire

Excludes: Wire having electrical resistivity or conductivity rating (FSC 6145).

9510 Bars and Rods

Notes: This class contains bulk material only. Specially designed items should be placed in a more appropriate class. a. Bars are elongated pieces of metal of simple uniform cross-sections usually rectangular, circular, or hexagonal produced by forging or hot-rolling, also known as barstock. b. Rods are thin round metal bar, differentiated by dimensional parameters, listed in the item name definition.

Includes: Metal Bars and Rods

Excludes: Muck Bar (FSC 9640); Rods for Wire (FSC 9640); Sheet Bar (FSC 9640); Threaded Rods (FSC 5306); Grooved Rod (FSC 5340).

9515 Plate, Sheet, Strip, Foil, and Leaf
 Notes: This class contains bulk material only. Specially designed items should be placed in a more appropriate class. The items covered by this class are all similar in that they are flat, generally rolled metal, the difference is covered by dimensional parameters in the item name definition.
 Includes: Armor Plate; Black Plate; Floor Plate; Leaf; Perforated Sheet and Strip; Shim Stock.
 Excludes: Bale Ties (FSC 8135); Baling Bands (FSC 8135); Mending Plates (FSC 5340); Mounting Plates (FSC 5340); T Plates (FSC 5340).

9520 Structural Shapes
 Notes: This class contains bulk material only. Specially designed items should be placed in a more appropriate class. This class includes items usually used in building, bridge and similar construction, such as, I beams, angles, and the like.
 Includes: Bar Size Shapes (under 3 inches); Metal Piles and Piling; Angles; Channels; Tees; Zees.
 Excludes: Plate, Sheet and Strip Materials (FSC 9515).

9525 Wire, Nonelectrical, Nonferrous Base Metal
 Excludes: Wire having electrical resistivity or conductivity rating.

9530 Bars and Rods, Nonferrous Base Metal

9535 Plate, Sheet, Strip, and Foil; Nonferrous Base Metal
 Includes: Leaf; Perforated Sheet and Strips.

9540 Structural Shapes, Nonferrous Base Metal
 Includes: Angles; Channels; Tees; Zees.

9545 Plate, Sheet, Strip, Foil, and Wire: Precious Metal
 Includes: Bars; Leaf; Ribbon; Rods; Tubing.
 Excludes: Precious Metals for dental use.

**Group 96
 Ores, Minerals, and Their Primary Products**

9610 Ores
 Notes: Only bulk material will be identified in this class. Ores are a naturally occurring material from which economically valuable minerals can be obtained.
 Includes: Bauxite; Ferrous Ores; Lead Ores; Precious Metal Ores; Radioactive Metal Ores; Zinc Ores.

9620 Minerals, Natural and Synthetic
 Notes: Only bulk material will be identified in this class. Minerals are naturally occurring substances with a characteristic chemical composition that can be expressed by a formula.
 Includes: Clays and other Earths; Mica; Asbestos; Crude Petroleum; Graphite.
 Excludes: Gravel (FSC 5610); Sand (FSC 5610); Abrasives (FSC 5350); Refractory Clays (FSC 9350).

9630 Additive Metal Materials
Notes: Only bulk material will be identified in this class. Additive metal materials are those which are added to metals to improve their characteristics as required (e.g., lead added to steel to improve the machinability).

Includes: Alloying Additives (Aluminum, Antimony, Copper, and Others).

Excludes: Fuel Inhibiting Additives (FSC 6850).

9640 Iron and Steel Primary and Semifinished Products
Notes: Only bulk material will be identified in this class. a. Primary products are raw unfinished ingots, pigs, that require refinement to be usable. b. Semi-finished items are primary products that have been refined to a state that requires further manufacturing processes to its final, usable state.

Includes: Ingots; Pigs; Billets; Blooms; Muck Bar; Rods for Wire; Sheet Bar; Skelp; Tube Rounds.

9650 Nonferrous Base Metal Refinery and Intermediate Forms
Notes: Only Bulk material will be identified in this class. a. Refinery Forms are raw unfinished ingots, pigs, that require refinement to be usable. b. Intermediate forms are primary products that have been refined to a state that requires further manufacturing processes to its final, usable state.

Includes: Ingots; Slabs.

9660 Precious Metals Primary Forms
Notes: Only bulk material will be identified in this class. Primary Forms are raw unfinished ingots, pigs, that require refinement to be usable and are made of precious metals.

Includes: Bullion; Ingot.

9670 Iron and Steel Scrap

9680 Nonferrous Scrap

**Group 99
Miscellaneous**

9905 Signs, Advertising Displays, and Identification Plates
Includes: Electric Signs; Sign Boards; Display Stands; Mannequins and other display forms; Printed Signs; General Purpose Identification Tags and Blanks, Nonpersonal; Plates and Tags for specific applications.

9910 Jewelry
Includes: Jewelers' Findings; Precious Stones, Cut; Costume Jewelry; Natural Gems and Ornamental Stones, Cut.
Excludes: Watches; Clocks; Tableware; Scientific Instruments; Toilet Articles; Smokers' Articles; Industrial Diamonds.

9915 Collectors' and/or Historical Items
Includes: Antiques; Artifacts; Coins; Stamps; Rare Books; Works of Art, Collectors and/or Historical Gems; Jewelry, and Cut Precious Stones; Natural History Items.

- 9920 Smokers' Articles and Matches
Includes: Cigarette Lighters; Lighter Fluid; Pipe Reamers; Ash Trays; Tobacco Humidors; Packaged Cigarette Paper.
Excludes: Ash receivers and lighters specifically designed for installation in or on equipment.
- 9925 Ecclesiastical Equipment, Furnishings, and Supplies
Includes: Vestments; Altars; Communion Sets; Ecclesiastical Candelabra; Chalices; Patens; Altar Cloths; Ecclesiastical Statuary; Sacramental Wine.
- 9930 Memorials; Cemeterial and Mortuary Equipment and Supplies
Includes: Grave Markers; Burial Vaults; Burial Urns; Caskets; Burial Boxes; Morticians' Supplies; Monuments; Gasket Shipping Cases.
Excludes: Hearses; Mortuary Refrigerators.
- 9999 Miscellaneous Items
Includes: Only those items which cannot conceivably be classified in any existing classes

Appendix 1 Details of Code Changes

The following tables list the codes that were added or end dated in the current revision of the PSC Manual.

New Codes Added. Based upon feedback and recommendations from the blog, for any service that could not be readily classified under an existing code, a new code was added.

PSC	PSC Name	Rationale
8150	Freight Containers	Added to conform to FSCs as of July 2011
C1MH	Architect and Engineering- Construction: EPG Facilities - Wind	Added missing service
C220	Architect and Engineering- General: Structural Engineering	Added missing service
C221	Architect and Engineering- General: Plumbing Systems	Added missing service
C222	Architect and Engineering- General: Electrical Systems	Added missing service
C223	Architect and Engineering- General: Mechanical Systems	Added missing service
D318	IT and Telecom- Integrated Hardware/Software/Services Solutions, Predominantly Services	Added missing service
D319	IT and Telecom- Annual Software Maintenance Service Plans	Added missing service
D320	IT and Telecom- Annual Hardware Maintenance Service Plans	Added missing service
D321	IT and Telecom- Help Desk	Added missing service
D322	IT and Telecom- Internet	Added missing service
D324	IT and Telecom- Business Continuity	Added missing service
D325	IT and Telecom- Data Centers and Storage	Added missing service
E1MH	Purchase of EPG Facilities - Wind	Added missing service
F113	Environmental Systems Protection- Wetlands Conservation and Support	Added missing service
F114	Environmental Systems Protection- Environmental Licensing and Permitting	Added missing service
F115	Environmental Systems Protection- Environmental Consulting and Legal Support	Added missing service
M1MH	Operation of EPG Facilities - Wind	Added missing service
R410	Support- Professional: Program Evaluation/Review/Development	Added to combine PSC R407 and PSC R409 (blog comment #001B)
R429	Support- Professional: Emergency Response, Disaster Planning, and Preparedness Support	Added missing service
R430	Support- Professional: Physical Security and Badging	Added missing service
R431	Support- Professional: Human Resources	Added missing service
R615	Support- Administrative: Background Investigation	Added missing service
U013	Education/Training- Combat	Added missing service (blog comment #109A)
U014	Education/Training- Security	Added missing service (blog comment #109b)
V228	Transportation/Travel/Relocation- Travel/Lodging/Recruitment: Port Operations	Added missing service

PSC	PSC Name	Rationale
V229	Transportation/Travel/Relocation- Travel/Lodging/Recruitment: Purchase Of Transit/Public Transportation Fare Media	Added missing service
X1MH	Lease/Rental of EPG Facilities – Wind	Added missing service
Y1MH	Construction of EPG Facilities - Wind	Added missing service
Z1MH	Maintenance of EPG Facilities - Wind	Added missing service
Z2MH	Repair or Alteration of EPG Facilities – Wind	Added missing service

Codes End Dated. If two codes covered the same service, one code was retained and the other was end dated. Product codes which were not on the list of FSCs from DLA Logistics Information Service as of July 2011 were also end dated. The ended codes can no longer be selected in FPDS, but the legacy data is retained.

End Dated Service Codes

PSC	PSC Name	Rationale
F102	Industrial Investigation Surveys and Technical Support Related to Air Pollution	Ended--duplicate of PSC F101
F104	Industrial Investigation Surveys and Technical Support Related to Water Pollution	Ended--duplicate of PSC F103
F106	Toxic Substances Support Services	Ended--merged with PSC F107 (blog comment #008A)
R407	Program Evaluation Services	Ended--merged with PSC R409 into new PSC R410 (blog comment #001B)
R409	Program Review/Development Services	Ended--merged with PSC R407 into new PSC R410 (blog comment #001B)
R414	Systems Engineering Services	Ended--merged with PSC R421 into PSC R425 based on FAR definition (blog comment #001B)
R419	Educational Services	Ended--duplicate of PSC U009
R421	Technical Assistance	Ended--merged with PSC R414 into PSC R425 based on FAR definition (blog comment #001B)
R709	Ongoing Audit Operations Support	Ended--duplicate of PSC R704 (blog comment #007)
S113	Telephone and/or Communications Services (Includes Telegraph, Telex, and Cablevision Services)	Ended--moved to PSC D (FAR definition of utilities doesn't include telephone); blog comment superseded (blog comment #110)
Y217	Dredging, Incl. Dustpan and Sea-Going Hoppers	Ended--covered in PSC Y216
Z217	Dredging, Incl. Dustpan and Sea-Going Hoppers	Ended--covered in PSC Z216

End Dated Product Codes

PSC	PSC Name	Rationale
1000	None	Ended--No valid information associated with this PSC
1900	Frigates and Corvettes	Ended--conform to FSCs as of July 2011 (covered by FSC 1905)
1901	Aircraft Carriers	Ended--conform to FSCs as of July 2011 (covered by FSC 1905)
1902	Cruisers	Ended--conform to FSCs as of July 2011 (covered by FSC 1905)
1903	Destroyers	Ended--conform to FSCs as of July 2011 (covered by FSC 1905)
1904	Submarines	Ended--conform to FSCs as of July 2011 (covered by FSC 1905)

PSC	PSC Name	Rationale
1906	Minelayers and Minesweepers	Ended--conform to FSCs as of July 2011 (covered by FSC 1905)
1907	Landing Craft	Ended--conform to FSCs as of July 2011 (covered by FSC 1905)
1908	Torpedo Boats and Gun Boats	Ended--conform to FSCs as of July 2011 (covered by FSC 1905)
1909	Hydrofoils	Ended--conform to FSCs as of July 2011 (covered by FSC 1905)
1911	Amphibious Assault Ships	Ended--conform to FSCs as of July 2011 (covered by FSC 1905)
1921	Tugs and Towboats	Ended--conform to FSCs as of July 2011 (covered by FSC 1925)
1922	Fire Boats	Ended--conform to FSCs as of July 2011 (covered by FSC 1925)
1923	Ice Breakers	Ended--conform to FSCs as of July 2011 (covered by FSC 1925)
1924	Repair Ships	Ended--conform to FSCs as of July 2011 (covered by FSC 1925)
1926	Lightships	Ended--conform to FSCs as of July 2011 (covered by FSC 1925)
1927	Cable Ships	Ended--conform to FSCs as of July 2011 (covered by FSC 1925)
1928	Salvage Vessels	Ended--conform to FSCs as of July 2011 (covered by FSC 1925)
1929	Rescue Vessels	Ended--conform to FSCs as of July 2011 (covered by FSC 1925)
3760	Animal Drawn Vehicle & Farm Trailer	Ended--conform to FSCs as of July 2011 (covered by FSC 3710, 3720, 3750)
5341	Brackets	Ended--conform to FSCs as of July 2011 (covered in FSC 5340)
6004	Rotary Joints	Ended--conform to FSCs as of July 2011 (covered in FSC 6060)
6005	Couplers, Splitters, & Mixers	Ended--conform to FSCs as of July 2011 (covered in FSC 6060)
6006	Attenuators	Ended--conform to FSCs as of July 2011 (covered in FSC 6030)
6007	Filters	Ended--conform to FSCs as of July 2011 (covered in FSC 6030)
6008	Optical Multiplexers/Demultiplexers	Ended--conform to FSCs as of July 2011 (covered in FSC 6030)
6025	Fiber Optic Transmitters	Ended--conform to FSCs as of July 2011 (covered in FSC 6030)
6026	Fiber Optic Receivers	Ended--conform to FSCs as of July 2011 (covered in FSC 6030)
6029	Fiber Optic Repeaters	Ended--conform to FSCs as of July 2011 (covered in FSC 6030)
6031	Integrated Optical Circuits	Ended--conform to FSCs as of July 2011 (covered in FSC 6030)
6033	Fiber Optic Photo Detectors	Ended--conform to FSCs as of July 2011 (covered in FSC 6032)
6034	Fiber Optic Mod/Demodulators	Ended--conform to FSCs as of July 2011 (covered in FSC 6030)

PSC	PSC Name	Rationale
6040	Fiber Optic Sensors	Ended--conform to FSCs as of July 2011 (covered in FSC 6099)
6050	Fiber Optic Passive Devices	Ended--conform to FSCs as of July 2011 (covered in FSC 6099)
6506	Blood	Ended--conform to FSCs as of July 2011 (unsure where covered in FSCs)
6507	Blood Derivatives	Ended--conform to FSCs as of July 2011 (unsure where covered in FSCs)
8900	Perishable Subsistence \$10k to \$25k	Ended--conform to FSCs as of July 2011
8999	Food Items for Resale	Ended--conform to FSCs as of July 2011
9998	Non-Food Items for Resale	Ended--conform to FSCs as of July 2011

Renumbering. Based upon feedback and recommendations from the blog, the multi-use facility type codes have been changed from a 3-digit scheme to a more efficient 2-character scheme. The renumbering process involved end dating some service codes and adding new codes to replace them. The services themselves did not change, except in the case of the C1 “Architect and Engineering” codes, which expanded to capture the detailed facility types—not just the facility category.

Codes End Dated because of Renumbering

PSC	PSC Name	Rationale
C111	Administrative and Service Buildings	Ended--replaced with expanded numbering scheme
C112	Airfield, Communication and Missile Facilities	Ended--replaced with expanded numbering scheme
C113	Educational Buildings	Ended--replaced with expanded numbering scheme
C114	Hospital Buildings	Ended--replaced with expanded numbering scheme
C115	Industrial Buildings	Ended--replaced with expanded numbering scheme
C116	Residential Buildings	Ended--replaced with expanded numbering scheme
C117	Warehouse Buildings	Ended--replaced with expanded numbering scheme
C118	Research and Development Facilities	Ended--replaced with expanded numbering scheme
C119	Other Buildings	Ended--replaced with expanded numbering scheme
C121	Conservation and Development	Ended--replaced with expanded numbering scheme
C122	Highways, Roads, Streets, Bridges, and Railways	Ended--replaced with expanded numbering scheme
C123	Electric Power Generation (EPG)	Ended--replaced with expanded numbering scheme
C124	Utilities	Ended--replaced with expanded numbering scheme
C129	Other Non-Building Structures	Ended--replaced with expanded numbering scheme
C130	Restoration	Ended--replaced with expanded numbering scheme
E111	Purchase of Office Buildings	Ended--replaced with new numbering scheme
E112	Purchase of Conference Space and Facilities	Ended--replaced with new numbering scheme
E119	Purchase of Other Administrative Facilities and Service Buildings	Ended--replaced with new numbering scheme
E121	Purchase of Air Traffic Control Towers	Ended--replaced with new numbering scheme
E122	Purchase of Air Traffic Control Training Facilities	Ended--replaced with new numbering scheme
E123	Purchase of Radar and Navigational Facilities	Ended--replaced with new numbering scheme
E124	Purchase of Airport Runways	Ended--replaced with new numbering scheme
E125	Purchase of Airport Terminals	Ended--replaced with new numbering scheme
E126	Purchase of Missile System Facilities	Ended--replaced with new numbering scheme

PSC	PSC Name	Rationale
E127	Purchase of Electronic and Communications Facilities	Ended--replaced with new numbering scheme
E129	Purchase of Other Airfield Structures	Ended--replaced with new numbering scheme
E131	Purchase of Schools	Ended--replaced with new numbering scheme
E139	Purchase of Other Educational Buildings	Ended--replaced with new numbering scheme
E141	Purchase of Hospitals and Infirmaries	Ended--replaced with new numbering scheme
E142	Purchase of Laboratories and Clinics	Ended--replaced with new numbering scheme
E149	Purchase of Other Hospital Buildings	Ended--replaced with new numbering scheme
E151	Purchase of Ammunition Facilities	Ended--replaced with new numbering scheme
E152	Purchase of Maintenance Buildings	Ended--replaced with new numbering scheme
E153	Purchase of Production Buildings	Ended--replaced with new numbering scheme
E154	Purchase of Ship Construction and Repair Facilities	Ended--replaced with new numbering scheme
E155	Purchase of Tank Automotive Facilities	Ended--replaced with new numbering scheme
E159	Purchase of Other Industrial Buildings	Ended--replaced with new numbering scheme
E161	Purchase of Family Housing Facilities	Ended--replaced with new numbering scheme
E162	Purchase of Recreational Buildings	Ended--replaced with new numbering scheme
E163	Purchase of Troop Housing Facilities	Ended--replaced with new numbering scheme
E164	Purchase of Dining Facilities	Ended--replaced with new numbering scheme
E165	Purchase of Religious Facilities	Ended--replaced with new numbering scheme
E166	Purchase of Penal Facilities	Ended--replaced with new numbering scheme
E169	Purchase of Other Residential Buildings	Ended--replaced with new numbering scheme
E171	Purchase of Ammunition Storage Buildings	Ended--replaced with new numbering scheme
E172	Purchase of Food or Grain Storage Buildings	Ended--replaced with new numbering scheme
E173	Purchase of Fuel Storage Buildings	Ended--replaced with new numbering scheme
E174	Purchase of Open Storage Facilities	Ended--replaced with new numbering scheme
E179	Purchase of Other Warehouse Buildings	Ended--replaced with new numbering scheme
E181	Purchase of Government-Owned Contractor-Operated (GOCO) R&D Facilities	Ended--replaced with new numbering scheme
E182	Purchase of Government-Owned Government-Operated (GOGO) R&D Facilities	Ended--replaced with new numbering scheme
E183	Purchase of GOCO Environmental Laboratories	Ended--replaced with new numbering scheme
E184	Purchase of GOGO Environmental Laboratories	Ended--replaced with new numbering scheme
E191	Purchase of Museums and Exhibition Buildings	Ended--replaced with new numbering scheme
E192	Purchase of Testing and Measurement Buildings	Ended--replaced with new numbering scheme
E199	Purchase of Miscellaneous Buildings	Ended--replaced with new numbering scheme
E211	Purchase of Dams	Ended--replaced with new numbering scheme
E212	Purchase of Canals	Ended--replaced with new numbering scheme
E213	Purchase of Mine Fire Control Facilities	Ended--replaced with new numbering scheme
E214	Purchase of Mine Subsidence Control Facilities	Ended--replaced with new numbering scheme

PSC	PSC Name	Rationale
E215	Purchase of Surface Mine Reclamation Facilities	Ended--replaced with new numbering scheme
E216	Purchase of Dredging	Ended--replaced with new numbering scheme
E219	Purchase of Other Conservation and Development Facilities	Ended--replaced with new numbering scheme
E221	Purchase of Airport Service Roads	Ended--replaced with new numbering scheme
E222	Purchase of Highways, Roads, Streets, Bridges, and Railways (Includes Resurfacing)	Ended--replaced with new numbering scheme
E223	Purchase of Tunnels and Subsurface Structures	Ended--replaced with new numbering scheme
E224	Purchase of Parking Facilities Conservation	Ended--replaced with new numbering scheme
E231	Purchase of EPG Facilities - Coal	Ended--replaced with new numbering scheme
E232	Purchase of EPG Facilities - Gas	Ended--replaced with new numbering scheme
E233	Purchase of EPG Facilities - Geothermal	Ended--replaced with new numbering scheme
E234	Purchase of EPG Facilities - Hydro	Ended--replaced with new numbering scheme
E235	Purchase of EPG Facilities - Nuclear	Ended--replaced with new numbering scheme
E236	Purchase of EPG Facilities - Petroleum	Ended--replaced with new numbering scheme
E237	Purchase of EPG Facilities - Solar	Ended--replaced with new numbering scheme
E239	Purchase of EPG Facilities - Other, Including Transmission	Ended--replaced with new numbering scheme
E241	Purchase of Fuel Supply Facilities	Ended--replaced with new numbering scheme
E242	Purchase of Heating and Cooling Plants	Ended--replaced with new numbering scheme
E243	Purchase of Pollution Abatement and Control Facilities	Ended--replaced with new numbering scheme
E244	Purchase of Sewage and Waste Facilities	Ended--replaced with new numbering scheme
E245	Purchase of Water Supply Facilities	Ended--replaced with new numbering scheme
E249	Purchase of Other Utilities	Ended--replaced with new numbering scheme
E291	Purchase of Recreation Facilities (Non-Building)	Ended--replaced with new numbering scheme
E292	Purchase of Exhibit Design (Non-Building)	Ended--replaced with new numbering scheme
E293	Purchase of Unimproved Real Property (Land)	Ended--replaced with new numbering scheme
E294	Purchase of Waste Treatment and Storage Facilities	Ended--replaced with new numbering scheme
E299	Purchase of Other Non-Building Facilities	Ended--replaced with new numbering scheme
E300	Purchase of Restoration of Real Property (Public or Private). All Actions Necessary To Restore, Rehabilitate, or Reclaim Property.	Ended--replaced with new numbering scheme
M111	Operation of Office Buildings	Ended--replaced with new numbering scheme
M112	Operation of Conference Space and Facilities	Ended--replaced with new numbering scheme
M119	Operation of Other Administrative Facilities and Service Buildings	Ended--replaced with new numbering scheme
M121	Operation of Air Traffic Control Towers	Ended--replaced with new numbering scheme
M122	Operation of Air Traffic Control Training Facilities	Ended--replaced with new numbering scheme
M123	Operation of Radar and Navigational Facilities	Ended--replaced with new numbering scheme
M124	Operation of Airport Runways	Ended--replaced with new numbering scheme

PSC	PSC Name	Rationale
M125	Operation of Airport Terminals	Ended--replaced with new numbering scheme
M126	Operation of Missile System Facilities	Ended--replaced with new numbering scheme
M127	Operation of Electronic and Communications Facilities	Ended--replaced with new numbering scheme
M129	Operation of Other Airfield Structures	Ended--replaced with new numbering scheme
M131	Operation of Schools	Ended--replaced with new numbering scheme
M139	Operation of Other Educational Buildings	Ended--replaced with new numbering scheme
M141	Operation of Hospitals and Infirmaries	Ended--replaced with new numbering scheme
M142	Operation of Laboratories and Clinics	Ended--replaced with new numbering scheme
M149	Operation of Other Hospital Buildings	Ended--replaced with new numbering scheme
M151	Operation of Ammunition Facilities	Ended--replaced with new numbering scheme
M152	Operation of Maintenance Buildings	Ended--replaced with new numbering scheme
M153	Operation of Production Buildings	Ended--replaced with new numbering scheme
M154	Operation of Ship Construction and Repair Facilities	Ended--replaced with new numbering scheme
M155	Operation of Tank Automotive Facilities	Ended--replaced with new numbering scheme
M159	Operation of Other Industrial Buildings	Ended--replaced with new numbering scheme
M161	Operation of Family Housing Facilities	Ended--replaced with new numbering scheme
M162	Operation of Recreational Buildings	Ended--replaced with new numbering scheme
M163	Operation of Troop Housing Facilities	Ended--replaced with new numbering scheme
M164	Operation of Dining Facilities	Ended--replaced with new numbering scheme
M165	Operation of Religious Facilities	Ended--replaced with new numbering scheme
M166	Operation of Penal Facilities	Ended--replaced with new numbering scheme
M169	Operation of Other Residential Buildings	Ended--replaced with new numbering scheme
M171	Operation of Ammunition Storage Buildings	Ended--replaced with new numbering scheme
M172	Operation of Food or Grain Storage Buildings	Ended--replaced with new numbering scheme
M173	Operation of Fuel Storage Buildings	Ended--replaced with new numbering scheme
M174	Operation of Open Storage Facilities	Ended--replaced with new numbering scheme
M179	Operation of Other Warehouse Buildings	Ended--replaced with new numbering scheme
M181	Operation of Government-Owned Contractor-Operated (GOCO) R&D Facilities	Ended--replaced with new numbering scheme
M182	Operation of Government-Owned Government-Operated (GOGO) R&D Facilities	Ended--replaced with new numbering scheme
M183	Operation of GOCO Environmental Laboratories	Ended--replaced with new numbering scheme
M184	Operation of GOGO Environmental Laboratories	Ended--replaced with new numbering scheme
M191	Operation of Museums and Exhibition Buildings	Ended--replaced with new numbering scheme
M192	Operation of Testing and Measurement Buildings	Ended--replaced with new numbering scheme
M199	Operation of Miscellaneous Buildings	Ended--replaced with new numbering scheme
M211	Operation of Dams	Ended--replaced with new numbering scheme
M212	Operation of Canals	Ended--replaced with new numbering scheme

PSC	PSC Name	Rationale
M213	Operation of Mine Fire Control Facilities	Ended--replaced with new numbering scheme
M214	Operation of Mine Subsidence Control Facilities	Ended--replaced with new numbering scheme
M215	Operation of Surface Mine Reclamation Facilities	Ended--replaced with new numbering scheme
M216	Operation of Dredging	Ended--replaced with new numbering scheme
M219	Operation of Other Conservation and Development Facilities	Ended--replaced with new numbering scheme
M221	Operation of Airport Service Roads	Ended--replaced with new numbering scheme
M222	Operation of Highways, Roads, Streets, Bridges, and Railways (Includes Resurfacing)	Ended--replaced with new numbering scheme
M223	Operation of Tunnels and Subsurface Structures	Ended--replaced with new numbering scheme
M224	Operation of Parking Facilities Conservation	Ended--replaced with new numbering scheme
M231	Operation of EPG Facilities - Coal	Ended--replaced with new numbering scheme
M232	Operation of EPG Facilities - Gas	Ended--replaced with new numbering scheme
M233	Operation of EPG Facilities - Geothermal	Ended--replaced with new numbering scheme
M234	Operation of EPG Facilities - Hydro	Ended--replaced with new numbering scheme
M235	Operation of EPG Facilities - Nuclear	Ended--replaced with new numbering scheme
M236	Operation of EPG Facilities - Petroleum	Ended--replaced with new numbering scheme
M237	Operation of EPG Facilities - Solar	Ended--replaced with new numbering scheme
M239	Operation of EPG Facilities - Other, Including Transmission	Ended--replaced with new numbering scheme
M241	Operation of Fuel Supply Facilities	Ended--replaced with new numbering scheme
M242	Operation of Heating and Cooling Plants	Ended--replaced with new numbering scheme
M243	Operation of Pollution Abatement and Control Facilities	Ended--replaced with new numbering scheme
M244	Operation of Sewage and Waste Facilities	Ended--replaced with new numbering scheme
M245	Operation of Water Supply Facilities	Ended--replaced with new numbering scheme
M249	Operation of Other Utilities	Ended--replaced with new numbering scheme
M291	Operation of Recreation Facilities (Non-Building)	Ended--replaced with new numbering scheme
M292	Operation of Exhibit Design (Non-Building)	Ended--replaced with new numbering scheme
M293	Operation of Unimproved Real Property (Land)	Ended--replaced with new numbering scheme
M294	Operation of Waste Treatment and Storage Facilities	Ended--replaced with new numbering scheme
M299	Operation of Other Non-Building Facilities	Ended--replaced with new numbering scheme
M300	Operation of Restoration of Real Property (Public or Private). All Actions Necessary To Restore, Rehabilitate, or Reclaim Property.	Ended--replaced with new numbering scheme
X111	Lease/Rental of Office Buildings	Ended--replaced with new numbering scheme
X112	Lease/Rental of Conference Space and Facilities	Ended--replaced with new numbering scheme
X119	Lease/Rental of Other Administrative Facilities and Service Buildings	Ended--replaced with new numbering scheme
X121	Lease/Rental of Air Traffic Control Towers	Ended--replaced with new numbering scheme

PSC	PSC Name	Rationale
X122	Lease/Rental of Air Traffic Control Training Facilities	Ended--replaced with new numbering scheme
X123	Lease/Rental of Radar and Navigational Facilities	Ended--replaced with new numbering scheme
X124	Lease/Rental of Airport Runways	Ended--replaced with new numbering scheme
X125	Lease/Rental of Airport Terminals	Ended--replaced with new numbering scheme
X126	Lease/Rental of Missile System Facilities	Ended--replaced with new numbering scheme
X127	Lease/Rental of Electronic and Communications Facilities	Ended--replaced with new numbering scheme
X129	Lease/Rental of Other Airfield Structures	Ended--replaced with new numbering scheme
X131	Lease/Rental of Schools	Ended--replaced with new numbering scheme
X139	Lease/Rental of Other Educational Buildings	Ended--replaced with new numbering scheme
X141	Lease/Rental of Hospitals and Infirmaries	Ended--replaced with new numbering scheme
X142	Lease/Rental of Laboratories and Clinics	Ended--replaced with new numbering scheme
X149	Lease/Rental of Other Hospital Buildings	Ended--replaced with new numbering scheme
X151	Lease/Rental of Ammunition Facilities	Ended--replaced with new numbering scheme
X152	Lease/Rental of Maintenance Buildings	Ended--replaced with new numbering scheme
X153	Lease/Rental of Production Buildings	Ended--replaced with new numbering scheme
X154	Lease/Rental of Ship Construction and Repair Facilities	Ended--replaced with new numbering scheme
X155	Lease/Rental of Tank Automotive Facilities	Ended--replaced with new numbering scheme
X159	Lease/Rental of Other Industrial Buildings	Ended--replaced with new numbering scheme
X161	Lease/Rental of Family Housing Facilities	Ended--replaced with new numbering scheme
X162	Lease/Rental of Recreational Buildings	Ended--replaced with new numbering scheme
X163	Lease/Rental of Troop Housing Facilities	Ended--replaced with new numbering scheme
X164	Lease/Rental of Dining Facilities	Ended--replaced with new numbering scheme
X165	Lease/Rental of Religious Facilities	Ended--replaced with new numbering scheme
X166	Lease/Rental of Penal Facilities	Ended--replaced with new numbering scheme
X169	Lease/Rental of Other Residential Buildings	Ended--replaced with new numbering scheme
X171	Lease/Rental of Ammunition Storage Buildings	Ended--replaced with new numbering scheme
X172	Lease/Rental of Food or Grain Storage Buildings	Ended--replaced with new numbering scheme
X173	Lease/Rental of Fuel Storage Buildings	Ended--replaced with new numbering scheme
X174	Lease/Rental of Open Storage Facilities	Ended--replaced with new numbering scheme
X179	Lease/Rental of Other Warehouse Buildings	Ended--replaced with new numbering scheme
X181	Lease/Rental of Government-Owned Contractor-Operated (GOCO) R&D Facilities	Ended--replaced with new numbering scheme
X182	Lease/Rental of Government-Owned Government-Operated (GOGO) R&D Facilities	Ended--replaced with new numbering scheme
X183	Lease/Rental of GOCO Environmental Laboratories	Ended--replaced with new numbering scheme
X184	Lease/Rental of GOGO Environmental Laboratories	Ended--replaced with new numbering scheme
X191	Lease/Rental of Museums and Exhibition Buildings	Ended--replaced with new numbering scheme

PSC	PSC Name	Rationale
X192	Lease/Rental of Testing and Measurement Buildings	Ended--replaced with new numbering scheme
X199	Lease/Rental of Miscellaneous Buildings	Ended--replaced with new numbering scheme
X211	Lease/Rental of Dams	Ended--replaced with new numbering scheme
X212	Lease/Rental of Canals	Ended--replaced with new numbering scheme
X213	Lease/Rental of Mine Fire Control Facilities	Ended--replaced with new numbering scheme
X214	Lease/Rental of Mine Subsidence Control Facilities	Ended--replaced with new numbering scheme
X215	Lease/Rental of Surface Mine Reclamation Facilities	Ended--replaced with new numbering scheme
X216	Lease/Rental of Dredging	Ended--replaced with new numbering scheme
X219	Lease/Rental of Other Conservation and Development Facilities	Ended--replaced with new numbering scheme
X221	Lease/Rental of Airport Service Roads	Ended--replaced with new numbering scheme
X222	Lease/Rental of Highways, Roads, Streets, Bridges, and Railways (Includes Resurfacing)	Ended--replaced with new numbering scheme
X223	Lease/Rental of Tunnels and Subsurface Structures	Ended--replaced with new numbering scheme
X224	Lease/Rental of Parking Facilities Conservation	Ended--replaced with new numbering scheme
X231	Lease/Rental of EPG Facilities - Coal	Ended--replaced with new numbering scheme
X232	Lease/Rental of EPG Facilities - Gas	Ended--replaced with new numbering scheme
X233	Lease/Rental of EPG Facilities - Geothermal	Ended--replaced with new numbering scheme
X234	Lease/Rental of EPG Facilities - Hydro	Ended--replaced with new numbering scheme
X235	Lease/Rental of EPG Facilities - Nuclear	Ended--replaced with new numbering scheme
X236	Lease/Rental of EPG Facilities - Petroleum	Ended--replaced with new numbering scheme
X237	Lease/Rental of EPG Facilities - Solar	Ended--replaced with new numbering scheme
X239	Lease/Rental of EPG Facilities - Other, Including Transmission	Ended--replaced with new numbering scheme
X241	Lease/Rental of Fuel Supply Facilities	Ended--replaced with new numbering scheme
X242	Lease/Rental of Heating and Cooling Plants	Ended--replaced with new numbering scheme
X243	Lease/Rental of Pollution Abatement and Control Facilities	Ended--replaced with new numbering scheme
X244	Lease/Rental of Sewage and Waste Facilities	Ended--replaced with new numbering scheme
X245	Lease/Rental of Water Supply Facilities	Ended--replaced with new numbering scheme
X249	Lease/Rental of Other Utilities	Ended--replaced with new numbering scheme
X291	Lease/Rental of Recreation Facilities (Non-Building)	Ended--replaced with new numbering scheme
X292	Lease/Rental of Exhibit Design (Non-Building)	Ended--replaced with new numbering scheme
X293	Lease/Rental of Unimproved Real Property (Land)	Ended--replaced with new numbering scheme
X294	Lease/Rental of Waste Treatment and Storage Facilities	Ended--replaced with new numbering scheme
X299	Lease/Rental of Other Non-Building Facilities	Ended--replaced with new numbering scheme
X300	Lease/Rental of Restoration of Real Property (Public or Private). All Actions Necessary To Restore, Rehabilitate, or Reclaim Property.	Ended--replaced with new numbering scheme

PSC	PSC Name	Rationale
Y111	Construction of Office Buildings	Ended--replaced with new numbering scheme
Y112	Construction of Conference Space and Facilities	Ended--replaced with new numbering scheme
Y119	Construction of Other Administrative Facilities and Service Buildings	Ended--replaced with new numbering scheme
Y121	Construction of Air Traffic Control Towers	Ended--replaced with new numbering scheme
Y122	Construction of Air Traffic Control Training Facilities	Ended--replaced with new numbering scheme
Y123	Construction of Radar and Navigational Facilities	Ended--replaced with new numbering scheme
Y124	Construction of Airport Runways	Ended--replaced with new numbering scheme
Y125	Construction of Airport Terminals	Ended--replaced with new numbering scheme
Y126	Construction of Missile System Facilities	Ended--replaced with new numbering scheme
Y127	Construction of Electronic and Communications Facilities	Ended--replaced with new numbering scheme
Y129	Construction of Other Airfield Structures	Ended--replaced with new numbering scheme
Y131	Construction of Schools	Ended--replaced with new numbering scheme
Y139	Construction of Other Educational Buildings	Ended--replaced with new numbering scheme
Y141	Construction of Hospitals and Infirmarys	Ended--replaced with new numbering scheme
Y142	Construction of Laboratories and Clinics	Ended--replaced with new numbering scheme
Y149	Construction of Other Hospital Buildings	Ended--replaced with new numbering scheme
Y151	Construction of Ammunition Facilities	Ended--replaced with new numbering scheme
Y152	Construction of Maintenance Buildings	Ended--replaced with new numbering scheme
Y153	Construction of Production Buildings	Ended--replaced with new numbering scheme
Y154	Construction of Ship Construction and Repair Facilities	Ended--replaced with new numbering scheme
Y155	Construction of Tank Automotive Facilities	Ended--replaced with new numbering scheme
Y159	Construction of Other Industrial Buildings	Ended--replaced with new numbering scheme
Y161	Construction of Family Housing Facilities	Ended--replaced with new numbering scheme
Y162	Construction of Recreational Buildings	Ended--replaced with new numbering scheme
Y163	Construction of Troop Housing Facilities	Ended--replaced with new numbering scheme
Y164	Construction of Dining Facilities	Ended--replaced with new numbering scheme
Y165	Construction of Religious Facilities	Ended--replaced with new numbering scheme
Y166	Construction of Penal Facilities	Ended--replaced with new numbering scheme
Y169	Construction of Other Residential Buildings	Ended--replaced with new numbering scheme
Y171	Construction of Ammunition Storage Buildings	Ended--replaced with new numbering scheme
Y172	Construction of Food or Grain Storage Buildings	Ended--replaced with new numbering scheme
Y173	Construction of Fuel Storage Buildings	Ended--replaced with new numbering scheme
Y174	Construction of Open Storage Facilities	Ended--replaced with new numbering scheme
Y179	Construction of Other Warehouse Buildings	Ended--replaced with new numbering scheme
Y181	Construction of Government-Owned Contractor-Operated (GOCO) R&D Facilities	Ended--replaced with new numbering scheme
Y182	Construction of Government-Owned Government-Operated (GOGO) R&D Facilities	Ended--replaced with new numbering scheme

PSC	PSC Name	Rationale
Y183	Construction of GOCO Environmental Laboratories	Ended--replaced with new numbering scheme
Y184	Construction of GOGO Environmental Laboratories	Ended--replaced with new numbering scheme
Y191	Construction of Museums and Exhibition Buildings	Ended--replaced with new numbering scheme
Y192	Construction of Testing and Measurement Buildings	Ended--replaced with new numbering scheme
Y199	Construction of Miscellaneous Buildings	Ended--replaced with new numbering scheme
Y211	Construction of Dams	Ended--replaced with new numbering scheme
Y212	Construction of Canals	Ended--replaced with new numbering scheme
Y213	Construction of Mine Fire Control Facilities	Ended--replaced with new numbering scheme
Y214	Construction of Mine Subsidence Control Facilities	Ended--replaced with new numbering scheme
Y215	Construction of Surface Mine Reclamation Facilities	Ended--replaced with new numbering scheme
Y216	Construction of Dredging	Ended--replaced with new numbering scheme
Y219	Construction of Other Conservation and Development Facilities	Ended--replaced with new numbering scheme
Y221	Construction of Airport Service Roads	Ended--replaced with new numbering scheme
Y222	Construction of Highways, Roads, Streets, Bridges, and Railways (Includes Resurfacing)	Ended--replaced with new numbering scheme
Y223	Construction of Tunnels and Subsurface Structures	Ended--replaced with new numbering scheme
Y224	Construction of Parking Facilities Conservation	Ended--replaced with new numbering scheme
Y231	Construction of EPG Facilities - Coal	Ended--replaced with new numbering scheme
Y232	Construction of EPG Facilities - Gas	Ended--replaced with new numbering scheme
Y233	Construction of EPG Facilities - Geothermal	Ended--replaced with new numbering scheme
Y234	Construction of EPG Facilities - Hydro	Ended--replaced with new numbering scheme
Y235	Construction of EPG Facilities - Nuclear	Ended--replaced with new numbering scheme
Y236	Construction of EPG Facilities - Petroleum	Ended--replaced with new numbering scheme
Y237	Construction of EPG Facilities - Solar	Ended--replaced with new numbering scheme
Y239	Construction of EPG Facilities - Other, Including Transmission	Ended--replaced with new numbering scheme
Y241	Construction of Fuel Supply Facilities	Ended--replaced with new numbering scheme
Y242	Construction of Heating and Cooling Plants	Ended--replaced with new numbering scheme
Y243	Construction of Pollution Abatement and Control Facilities	Ended--replaced with new numbering scheme
Y244	Construction of Sewage and Waste Facilities	Ended--replaced with new numbering scheme
Y245	Construction of Water Supply Facilities	Ended--replaced with new numbering scheme
Y249	Construction of Other Utilities	Ended--replaced with new numbering scheme
Y291	Construction of Recreation Facilities (Non-Building)	Ended--replaced with new numbering scheme
Y292	Construction of Exhibit Design (Non-Building)	Ended--replaced with new numbering scheme
Y293	Construction of Unimproved Real Property (Land)	Ended--replaced with new numbering scheme

PSC	PSC Name	Rationale
Y294	Construction of Waste Treatment and Storage Facilities	Ended--replaced with new numbering scheme
Y299	Construction of Other Non-Building Facilities	Ended--replaced with new numbering scheme
Y300	Construction of Restoration of Real Property (Public or Private). All Actions Necessary To Restore, Rehabilitate, or Reclaim Property.	Ended--replaced with new numbering scheme
Z111	Maintenance, Repair or Alteration of Office Buildings	Ended--replaced with new numbering scheme
Z112	Maintenance, Repair or Alteration of Conference Space and Facilities	Ended--replaced with new numbering scheme
Z119	Maintenance, Repair or Alteration of Other Administrative Facilities and Service Buildings	Ended--replaced with new numbering scheme
Z121	Maintenance, Repair or Alteration of Air Traffic Control Towers	Ended--replaced with new numbering scheme
Z122	Maintenance, Repair or Alteration of Air Traffic Control Training Facilities	Ended--replaced with new numbering scheme
Z123	Maintenance, Repair or Alteration of Radar and Navigational Facilities	Ended--replaced with new numbering scheme
Z124	Maintenance, Repair or Alteration of Airport Runways	Ended--replaced with new numbering scheme
Z125	Maintenance, Repair or Alteration of Airport Terminals	Ended--replaced with new numbering scheme
Z126	Maintenance, Repair or Alteration of Missile System Facilities	Ended--replaced with new numbering scheme
Z127	Maintenance, Repair or Alteration of Electronic and Communications Facilities	Ended--replaced with new numbering scheme
Z129	Maintenance, Repair or Alteration of Other Airfield Structures	Ended--replaced with new numbering scheme
Z131	Maintenance, Repair or Alteration of Schools	Ended--replaced with new numbering scheme
Z139	Maintenance, Repair or Alteration of Other Educational Buildings	Ended--replaced with new numbering scheme
Z141	Maintenance, Repair or Alteration of Hospitals and Infirmaries	Ended--replaced with new numbering scheme
Z142	Maintenance, Repair or Alteration of Laboratories and Clinics	Ended--replaced with new numbering scheme
Z149	Maintenance, Repair or Alteration of Other Hospital Buildings	Ended--replaced with new numbering scheme
Z151	Maintenance, Repair or Alteration of Ammunition Facilities	Ended--replaced with new numbering scheme
Z152	Maintenance, Repair or Alteration of Maintenance Buildings	Ended--replaced with new numbering scheme
Z153	Maintenance, Repair or Alteration of Production Buildings	Ended--replaced with new numbering scheme
Z154	Maintenance, Repair or Alteration of Ship Construction and Repair Facilities	Ended--replaced with new numbering scheme
Z155	Maintenance, Repair or Alteration of Tank Automotive Facilities	Ended--replaced with new numbering scheme
Z159	Maintenance, Repair or Alteration of Other Industrial Buildings	Ended--replaced with new numbering scheme
Z161	Maintenance, Repair or Alteration of Family Housing Facilities	Ended--replaced with new numbering scheme
Z162	Maintenance, Repair or Alteration of Recreational Buildings	Ended--replaced with new numbering scheme

PSC	PSC Name	Rationale
Z163	Maintenance, Repair or Alteration of Troop Housing Facilities	Ended--replaced with new numbering scheme
Z164	Maintenance, Repair or Alteration of Dining Facilities	Ended--replaced with new numbering scheme
Z165	Maintenance, Repair or Alteration of Religious Facilities	Ended--replaced with new numbering scheme
Z166	Maintenance, Repair or Alteration of Penal Facilities	Ended--replaced with new numbering scheme
Z169	Maintenance, Repair or Alteration of Other Residential Buildings	Ended--replaced with new numbering scheme
Z171	Maintenance, Repair or Alteration of Ammunition Storage Buildings	Ended--replaced with new numbering scheme
Z172	Maintenance, Repair or Alteration of Food or Grain Storage Buildings	Ended--replaced with new numbering scheme
Z173	Maintenance, Repair or Alteration of Fuel Storage Buildings	Ended--replaced with new numbering scheme
Z174	Maintenance, Repair or Alteration of Open Storage Facilities	Ended--replaced with new numbering scheme
Z179	Maintenance, Repair or Alteration of Other Warehouse Buildings	Ended--replaced with new numbering scheme
Z181	Maintenance, Repair or Alteration of Government-Owned Contractor-Operated (GOCO) R&D Facilities	Ended--replaced with new numbering scheme
Z182	Maintenance, Repair or Alteration of Government-Owned Government-Operated (GOGO) R&D Facilities	Ended--replaced with new numbering scheme
Z183	Maintenance, Repair or Alteration of GOCO Environmental Laboratories	Ended--replaced with new numbering scheme
Z184	Maintenance, Repair or Alteration of GOGO Environmental Laboratories	Ended--replaced with new numbering scheme
Z191	Maintenance, Repair or Alteration of Museums and Exhibition Buildings	Ended--replaced with new numbering scheme
Z192	Maintenance, Repair or Alteration of Testing and Measurement Buildings	Ended--replaced with new numbering scheme
Z199	Maintenance, Repair or Alteration of Miscellaneous Buildings	Ended--replaced with new numbering scheme
Z211	Maintenance, Repair or Alteration of Dams	Ended--replaced with new numbering scheme
Z212	Maintenance, Repair or Alteration of Canals	Ended--replaced with new numbering scheme
Z213	Maintenance, Repair or Alteration of Mine Fire Control Facilities	Ended--replaced with new numbering scheme
Z214	Maintenance, Repair or Alteration of Mine Subsidence Control Facilities	Ended--replaced with new numbering scheme
Z215	Maintenance, Repair or Alteration of Surface Mine Reclamation Facilities	Ended--replaced with new numbering scheme
Z216	Maintenance, Repair or Alteration of Dredging	Ended--replaced with new numbering scheme
Z219	Maintenance, Repair or Alteration of Other Conservation and Development Facilities	Ended--replaced with new numbering scheme
Z221	Maintenance, Repair or Alteration of Airport Service Roads	Ended--replaced with new numbering scheme
Z222	Maintenance, Repair or Alteration of Highways, Roads, Streets, Bridges, and Railways (Includes Resurfacing)	Ended--replaced with new numbering scheme

PSC	PSC Name	Rationale
Z223	Maintenance, Repair or Alteration of Tunnels and Subsurface Structures	Ended--replaced with new numbering scheme
Z224	Maintenance, Repair or Alteration of Parking Facilities Conservation	Ended--replaced with new numbering scheme
Z231	Maintenance, Repair or Alteration of EPG Facilities - Coal	Ended--replaced with new numbering scheme
Z232	Maintenance, Repair or Alteration of EPG Facilities - Gas	Ended--replaced with new numbering scheme
Z233	Maintenance, Repair or Alteration of EPG Facilities - Geothermal	Ended--replaced with new numbering scheme
Z234	Maintenance, Repair or Alteration of EPG Facilities - Hydro	Ended--replaced with new numbering scheme
Z235	Maintenance, Repair or Alteration of EPG Facilities - Nuclear	Ended--replaced with new numbering scheme
Z236	Maintenance, Repair or Alteration of EPG Facilities - Petroleum	Ended--replaced with new numbering scheme
Z237	Maintenance, Repair or Alteration of EPG Facilities - Solar	Ended--replaced with new numbering scheme
Z239	Maintenance, Repair or Alteration of EPG Facilities - Other, Including Transmission	Ended--replaced with new numbering scheme
Z241	Maintenance, Repair or Alteration of Fuel Supply Facilities	Ended--replaced with new numbering scheme
Z242	Maintenance, Repair or Alteration of Heating and Cooling Plants	Ended--replaced with new numbering scheme
Z243	Maintenance, Repair or Alteration of Pollution Abatement and Control Facilities	Ended--replaced with new numbering scheme
Z244	Maintenance, Repair or Alteration of Sewage and Waste Facilities	Ended--replaced with new numbering scheme
Z245	Maintenance, Repair or Alteration of Water Supply Facilities	Ended--replaced with new numbering scheme
Z249	Maintenance, Repair or Alteration of Other Utilities	Ended--replaced with new numbering scheme
Z291	Maintenance, Repair or Alteration of Recreation Facilities (Non-Building)	Ended--replaced with new numbering scheme
Z292	Maintenance, Repair or Alteration of Exhibit Design (Non-Building)	Ended--replaced with new numbering scheme
Z293	Maintenance, Repair or Alteration of Unimproved Real Property (Land)	Ended--replaced with new numbering scheme
Z294	Maintenance, Repair or Alteration of Waste Treatment and Storage Facilities	Ended--replaced with new numbering scheme
Z299	Maintenance, Repair or Alteration of Other Non-Building Facilities	Ended--replaced with new numbering scheme
Z300	Maintenance, Repair or Alteration of Restoration of Real Property (Public or Private). All Actions Necessary To Restore, Rehabilitate, or Reclaim Property.	Ended--replaced with new numbering scheme

Codes Added because of Renumbering

PSC	PSC Name	Rationale
C1AA	Architect and Engineering- Construction: Office Buildings	Added to capture expanded list of facility types (blog #94)
C1AB	Architect and Engineering- Construction: Conference Space and Facilities	Added to capture expanded list of facility types (blog #94)
C1AZ	Architect and Engineering- Construction: Other Administrative Facilities and Service Buildings	Added to capture expanded list of facility types (blog #94)
C1BA	Architect and Engineering- Construction: Air Traffic Control Towers	Added to capture expanded list of facility types (blog #94)
C1BB	Architect and Engineering- Construction: Air Traffic Control Training Facilities	Added to capture expanded list of facility types (blog #94)
C1BC	Architect and Engineering- Construction: Radar and Navigational Facilities	Added to capture expanded list of facility types (blog #94)
C1BD	Architect and Engineering- Construction: Airport Runways and Taxiways	Added to capture expanded list of facility types (blog #94)
C1BE	Architect and Engineering- Construction: Airport Terminals	Added to capture expanded list of facility types (blog #94)
C1BF	Architect and Engineering- Construction: Missile System Facilities	Added to capture expanded list of facility types (blog #94)
C1BG	Architect and Engineering- Construction: Electronic and Communications Facilities	Added to capture expanded list of facility types (blog #94)
C1BZ	Architect and Engineering- Construction: Other Airfield Structures	Added to capture expanded list of facility types (blog #94)
C1CA	Architect and Engineering- Construction: Schools	Added to capture expanded list of facility types (blog #94)
C1CZ	Architect and Engineering- Construction: Other Educational Buildings	Added to capture expanded list of facility types (blog #94)
C1DA	Architect and Engineering- Construction: Hospitals and Infirmaries	Added to capture expanded list of facility types (blog #94)
C1DB	Architect and Engineering- Construction: Laboratories and Clinics	Added to capture expanded list of facility types (blog #94)
C1DZ	Architect and Engineering- Construction: Other Hospital Buildings	Added to capture expanded list of facility types (blog #94)
C1EA	Architect and Engineering- Construction: Ammunition Facilities	Added to capture expanded list of facility types (blog #94)
C1EB	Architect and Engineering- Construction: Maintenance Buildings	Added to capture expanded list of facility types (blog #94)
C1EC	Architect and Engineering- Construction: Production Buildings	Added to capture expanded list of facility types (blog #94)
C1ED	Architect and Engineering- Construction: Ship Construction and Repair Facilities	Added to capture expanded list of facility types (blog #94)
C1EE	Architect and Engineering- Construction: Tank Automotive Facilities	Added to capture expanded list of facility types (blog #94)
C1EZ	Architect and Engineering- Construction: Other Industrial Buildings	Added to capture expanded list of facility types (blog #94)
C1FA	Architect and Engineering- Construction: Family Housing Facilities	Added to capture expanded list of facility types (blog #94)
C1FB	Architect and Engineering- Construction: Recreational Buildings	Added to capture expanded list of facility types (blog #94)
C1FC	Architect and Engineering- Construction: Troop Housing Facilities	Added to capture expanded list of facility types (blog #94)

PSC	PSC Name	Rationale
C1FD	Architect and Engineering- Construction: Dining Facilities	Added to capture expanded list of facility types (blog #94)
C1FE	Architect and Engineering- Construction: Religious Facilities	Added to capture expanded list of facility types (blog #94)
C1FF	Architect and Engineering- Construction: Penal Facilities	Added to capture expanded list of facility types (blog #94)
C1FZ	Architect and Engineering- Construction: Other Residential Buildings	Added to capture expanded list of facility types (blog #94)
C1GA	Architect and Engineering- Construction: Ammunition Storage Buildings	Added to capture expanded list of facility types (blog #94)
C1GB	Architect and Engineering- Construction: Food or Grain Storage Buildings	Added to capture expanded list of facility types (blog #94)
C1GC	Architect and Engineering- Construction: Fuel Storage Buildings	Added to capture expanded list of facility types (blog #94)
C1GD	Architect and Engineering- Construction: Open Storage Facilities	Added to capture expanded list of facility types (blog #94)
C1GZ	Architect and Engineering- Construction: Other Warehouse Buildings	Added to capture expanded list of facility types (blog #94)
C1HA	Architect and Engineering- Construction: Government-Owned Contractor-Operated (GOCO) R&D Facilities	Added to capture expanded list of facility types (blog #94)
C1HB	Architect and Engineering- Construction: Government-Owned Government-Operated (GOGO) R&D Facilities	Added to capture expanded list of facility types (blog #94)
C1HC	Architect and Engineering- Construction: Government-Owned Contractor-Operated (GOCO) Environmental Laboratories	Added to capture expanded list of facility types (blog #94)
C1HZ	Architect and Engineering- Construction: Government-Owned Government-Operated (GOGO) Environmental Laboratories	Added to capture expanded list of facility types (blog #94)
C1JA	Architect and Engineering- Construction: Museums and Exhibition Buildings	Added to capture expanded list of facility types (blog #94)
C1JB	Architect and Engineering- Construction: Testing and Measurement Buildings	Added to capture expanded list of facility types (blog #94)
C1JZ	Architect and Engineering- Construction: Miscellaneous Buildings	Added to capture expanded list of facility types (blog #94)
C1KA	Architect and Engineering- Construction: Dams	Added to capture expanded list of facility types (blog #94)
C1KB	Architect and Engineering- Construction: Canals	Added to capture expanded list of facility types (blog #94)
C1KC	Architect and Engineering- Construction: Mine Fire Control Facilities	Added to capture expanded list of facility types (blog #94)
C1KD	Architect and Engineering- Construction: Mine Subsidence Control Facilities	Added to capture expanded list of facility types (blog #94)
C1KE	Architect and Engineering- Construction: Surface Mine Reclamation Facilities	Added to capture expanded list of facility types (blog #94)
C1KF	Architect and Engineering- Construction: Dredging Facilities	Added to capture expanded list of facility types (blog #94)
C1KZ	Architect and Engineering- Construction: Other Conservation and Development Facilities	Added to capture expanded list of facility types (blog #94)
C1LA	Architect and Engineering- Construction: Airport Service Roads	Added to capture expanded list of facility types (blog #94)

PSC	PSC Name	Rationale
C1LB	Architect and Engineering- Construction: Highways, Roads, Streets, Bridges, and Railways	Added to capture expanded list of facility types (blog #94)
C1LC	Architect and Engineering- Construction: Tunnels and Subsurface Structures	Added to capture expanded list of facility types (blog #94)
C1LZ	Architect and Engineering- Construction: Parking Facilities	Added to capture expanded list of facility types (blog #94)
C1MA	Architect and Engineering- Construction: EPG Facilities - Coal	Added to capture expanded list of facility types (blog #94)
C1MB	Architect and Engineering- Construction: EPG Facilities - Gas	Added to capture expanded list of facility types (blog #94)
C1MC	Architect and Engineering- Construction: EPG Facilities - Geothermal	Added to capture expanded list of facility types (blog #94)
C1MD	Architect and Engineering- Construction: EPG Facilities - Hydro	Added to capture expanded list of facility types (blog #94)
C1ME	Architect and Engineering- Construction: EPG Facilities - Nuclear	Added to capture expanded list of facility types (blog #94)
C1MF	Architect and Engineering- Construction: EPG Facilities - Petroleum	Added to capture expanded list of facility types (blog #94)
C1MG	Architect and Engineering- Construction: EPG Facilities - Solar	Added to capture expanded list of facility types (blog #94)
C1MZ	Architect and Engineering- Construction: EPG Facilities - Other, Including Transmission	Added to capture expanded list of facility types (blog #94)
C1NA	Architect and Engineering- Construction: Fuel Supply Facilities	Added to capture expanded list of facility types (blog #94)
C1NB	Architect and Engineering- Construction: Heating and Cooling Plants	Added to capture expanded list of facility types (blog #94)
C1NC	Architect and Engineering- Construction: Pollution Abatement and Control Facilities	Added to capture expanded list of facility types (blog #94)
C1ND	Architect and Engineering- Construction: Sewage and Waste Facilities	Added to capture expanded list of facility types (blog #94)
C1NE	Architect and Engineering- Construction: Water Supply Facilities	Added to capture expanded list of facility types (blog #94)
C1NZ	Architect and Engineering- Construction: Other Utilities	Added to capture expanded list of facility types (blog #94)
C1PA	Architect and Engineering- Construction: Recreational Facilities (Non-Building)	Added to capture expanded list of facility types (blog #94)
C1PB	Architect and Engineering- Construction: Exhibit Design (Non-Building)	Added to capture expanded list of facility types (blog #94)
C1PC	Architect and Engineering- Construction: Unimproved Real Property (Land)	Added to capture expanded list of facility types (blog #94)
C1PD	Architect and Engineering- Construction: Waste Treatment and Storage Facilities	Added to capture expanded list of facility types (blog #94)
C1PZ	Architect and Engineering- Construction: Other Non-Building Facilities	Added to capture expanded list of facility types (blog #94)
C1QA	Architect and Engineering- Construction: Restoration of Real Property (Public or Private)	Added to capture expanded list of facility types (blog #94)
E1AA	Purchase of Office Buildings	Added to make consistent with other facility-based codes
E1AB	Purchase of Conference Space and Facilities	Added to make consistent with other facility-based codes

PSC	PSC Name	Rationale
E1AZ	Purchase of Other Administrative Facilities and Service Buildings	Added to make consistent with other facility-based codes
E1BA	Purchase of Air Traffic Control Towers	Added to make consistent with other facility-based codes
E1BB	Purchase of Air Traffic Control Training Facilities	Added to make consistent with other facility-based codes
E1BC	Purchase of Radar and Navigational Facilities	Added to make consistent with other facility-based codes
E1BD	Purchase of Airport Runways and Taxiways	Added to make consistent with other facility-based codes
E1BE	Purchase of Airport Terminals	Added to make consistent with other facility-based codes
E1BF	Purchase of Missile System Facilities	Added to make consistent with other facility-based codes
E1BG	Purchase of Electronic and Communications Facilities	Added to make consistent with other facility-based codes
E1BZ	Purchase of Other Airfield Structures	Added to make consistent with other facility-based codes
E1CA	Purchase of Schools	Added to make consistent with other facility-based codes
E1CZ	Purchase of Other Educational Buildings	Added to make consistent with other facility-based codes
E1DA	Purchase of Hospitals and Infirmaries	Added to make consistent with other facility-based codes
E1DB	Purchase of Laboratories and Clinics	Added to make consistent with other facility-based codes
E1DZ	Purchase of Other Hospital Buildings	Added to make consistent with other facility-based codes
E1EA	Purchase of Ammunition Facilities	Added to make consistent with other facility-based codes
E1EB	Purchase of Maintenance Buildings	Added to make consistent with other facility-based codes
E1EC	Purchase of Production Buildings	Added to make consistent with other facility-based codes
E1ED	Purchase of Ship Construction and Repair Facilities	Added to make consistent with other facility-based codes
E1EE	Purchase of Tank Automotive Facilities	Added to make consistent with other facility-based codes
E1EZ	Purchase of Other Industrial Buildings	Added to make consistent with other facility-based codes
E1FA	Purchase of Family Housing Facilities	Added to make consistent with other facility-based codes
E1FB	Purchase of Recreational Buildings	Added to make consistent with other facility-based codes
E1FC	Purchase of Troop Housing Facilities	Added to make consistent with other facility-based codes
E1FD	Purchase of Dining Facilities	Added to make consistent with other facility-based codes
E1FE	Purchase of Religious Facilities	Added to make consistent with other facility-based codes
E1FF	Purchase of Penal Facilities	Added to make consistent with other facility-based codes

PSC	PSC Name	Rationale
E1FZ	Purchase of Other Residential Buildings	Added to make consistent with other facility-based codes
E1GA	Purchase of Ammunition Storage Buildings	Added to make consistent with other facility-based codes
E1GB	Purchase of Food or Grain Storage Buildings	Added to make consistent with other facility-based codes
E1GC	Purchase of Fuel Storage Buildings	Added to make consistent with other facility-based codes
E1GD	Purchase of Open Storage Facilities	Added to make consistent with other facility-based codes
E1GZ	Purchase of Other Warehouse Buildings	Added to make consistent with other facility-based codes
E1HA	Purchase of Government-Owned Contractor-Operated (GOCO) R&D Facilities	Added to make consistent with other facility-based codes
E1HB	Purchase of Government-Owned Government-Operated (GOGO) R&D Facilities	Added to make consistent with other facility-based codes
E1HC	Purchase of Government-Owned Contractor-Operated (GOCO) Environmental Laboratories	Added to make consistent with other facility-based codes
E1HZ	Purchase of Government-Owned Government-Operated (GOGO) Environmental Laboratories	Added to make consistent with other facility-based codes
E1JA	Purchase of Museums and Exhibition Buildings	Added to make consistent with other facility-based codes
E1JB	Purchase of Testing and Measurement Buildings	Added to make consistent with other facility-based codes
E1JZ	Purchase of Miscellaneous Buildings	Added to make consistent with other facility-based codes
E1KA	Purchase of Dams	Added to make consistent with other facility-based codes
E1KB	Purchase of Canals	Added to make consistent with other facility-based codes
E1KC	Purchase of Mine Fire Control Facilities	Added to make consistent with other facility-based codes
E1KD	Purchase of Mine Subsidence Control Facilities	Added to make consistent with other facility-based codes
E1KE	Purchase of Surface Mine Reclamation Facilities	Added to make consistent with other facility-based codes
E1KF	Purchase of Dredging Facilities	Added to make consistent with other facility-based codes
E1KZ	Purchase of Other Conservation and Development Facilities	Added to make consistent with other facility-based codes
E1LA	Purchase of Airport Service Roads	Added to make consistent with other facility-based codes
E1LB	Purchase of Highways, Roads, Streets, Bridges, and Railways	Added to make consistent with other facility-based codes
E1LC	Purchase of Tunnels and Subsurface Structures	Added to make consistent with other facility-based codes
E1LZ	Purchase of Parking Facilities	Added to make consistent with other facility-based codes
E1MA	Purchase of EPG Facilities - Coal	Added to make consistent with other facility-based codes

PSC	PSC Name	Rationale
E1MB	Purchase of EPG Facilities - Gas	Added to make consistent with other facility-based codes
E1MC	Purchase of EPG Facilities - Geothermal	Added to make consistent with other facility-based codes
E1MD	Purchase of EPG Facilities - Hydro	Added to make consistent with other facility-based codes
E1ME	Purchase of EPG Facilities - Nuclear	Added to make consistent with other facility-based codes
E1MF	Purchase of EPG Facilities - Petroleum	Added to make consistent with other facility-based codes
E1MG	Purchase of EPG Facilities - Solar	Added to make consistent with other facility-based codes
E1MZ	Purchase of EPG Facilities - Other, Including Transmission	Added to make consistent with other facility-based codes
E1NA	Purchase of Fuel Supply Facilities	Added to make consistent with other facility-based codes
E1NB	Purchase of Heating and Cooling Plants	Added to make consistent with other facility-based codes
E1NC	Purchase of Pollution Abatement and Control Facilities	Added to make consistent with other facility-based codes
E1ND	Purchase of Sewage and Waste Facilities	Added to make consistent with other facility-based codes
E1NE	Purchase of Water Supply Facilities	Added to make consistent with other facility-based codes
E1NZ	Purchase of Other Utilities	Added to make consistent with other facility-based codes
E1PA	Purchase of Recreational Facilities (Non-Building)	Added to make consistent with other facility-based codes
E1PB	Purchase of Exhibit Design (Non-Building)	Added to make consistent with other facility-based codes
E1PC	Purchase of Unimproved Real Property (Land)	Added to make consistent with other facility-based codes
E1PD	Purchase of Waste Treatment and Storage Facilities	Added to make consistent with other facility-based codes
E1PZ	Purchase of Other Non-Building Facilities	Added to make consistent with other facility-based codes
E1QA	Purchase of Restoration of Real Property (Public or Private)	Added to make consistent with other facility-based codes
M1AA	Operation of Office Buildings	Added to make consistent with other facility-based codes
M1AB	Operation of Conference Space and Facilities	Added to make consistent with other facility-based codes
M1AZ	Operation of Other Administrative Facilities and Service Buildings	Added to make consistent with other facility-based codes
M1BA	Operation of Air Traffic Control Towers	Added to make consistent with other facility-based codes
M1BB	Operation of Air Traffic Control Training Facilities	Added to make consistent with other facility-based codes
M1BC	Operation of Radar and Navigational Facilities	Added to make consistent with other facility-based codes
M1BD	Operation of Airport Runways and Taxiways	Added to make consistent with other facility-based codes

PSC	PSC Name	Rationale
M1BE	Operation of Airport Terminals	Added to make consistent with other facility-based codes
M1BF	Operation of Missile System Facilities	Added to make consistent with other facility-based codes
M1BG	Operation of Electronic and Communications Facilities	Added to make consistent with other facility-based codes
M1BZ	Operation of Other Airfield Structures	Added to make consistent with other facility-based codes
M1CA	Operation of Schools	Added to make consistent with other facility-based codes
M1CZ	Operation of Other Educational Buildings	Added to make consistent with other facility-based codes
M1DA	Operation of Hospitals and Infirmaries	Added to make consistent with other facility-based codes
M1DB	Operation of Laboratories and Clinics	Added to make consistent with other facility-based codes
M1DZ	Operation of Other Hospital Buildings	Added to make consistent with other facility-based codes
M1EA	Operation of Ammunition Facilities	Added to make consistent with other facility-based codes
M1EB	Operation of Maintenance Buildings	Added to make consistent with other facility-based codes
M1EC	Operation of Production Buildings	Added to make consistent with other facility-based codes
M1ED	Operation of Ship Construction and Repair Facilities	Added to make consistent with other facility-based codes
M1EE	Operation of Tank Automotive Facilities	Added to make consistent with other facility-based codes
M1EZ	Operation of Other Industrial Buildings	Added to make consistent with other facility-based codes
M1FA	Operation of Family Housing Facilities	Added to make consistent with other facility-based codes
M1FB	Operation of Recreational Buildings	Added to make consistent with other facility-based codes
M1FC	Operation of Troop Housing Facilities	Added to make consistent with other facility-based codes
M1FD	Operation of Dining Facilities	Added to make consistent with other facility-based codes
M1FE	Operation of Religious Facilities	Added to make consistent with other facility-based codes
M1FF	Operation of Penal Facilities	Added to make consistent with other facility-based codes
M1FZ	Operation of Other Residential Buildings	Added to make consistent with other facility-based codes
M1GA	Operation of Ammunition Storage Buildings	Added to make consistent with other facility-based codes
M1GB	Operation of Food or Grain Storage Buildings	Added to make consistent with other facility-based codes
M1GC	Operation of Fuel Storage Buildings	Added to make consistent with other facility-based codes
M1GD	Operation of Open Storage Facilities	Added to make consistent with other facility-based codes

PSC	PSC Name	Rationale
M1GZ	Operation of Other Warehouse Buildings	Added to make consistent with other facility-based codes
M1HA	Operation of Government-Owned Contractor-Operated (GOCO) R&D Facilities	Added to make consistent with other facility-based codes
M1HB	Operation of Government-Owned Government-Operated (GOGO) R&D Facilities	Added to make consistent with other facility-based codes
M1HC	Operation of Government-Owned Contractor-Operated (GOCO) Environmental Laboratories	Added to make consistent with other facility-based codes
M1HZ	Operation of Government-Owned Government-Operated (GOGO) Environmental Laboratories	Added to make consistent with other facility-based codes
M1JA	Operation of Museums and Exhibition Buildings	Added to make consistent with other facility-based codes
M1JB	Operation of Testing and Measurement Buildings	Added to make consistent with other facility-based codes
M1JZ	Operation of Miscellaneous Buildings	Added to make consistent with other facility-based codes
M1KA	Operation of Dams	Added to make consistent with other facility-based codes
M1KB	Operation of Canals	Added to make consistent with other facility-based codes
M1KC	Operation of Mine Fire Control Facilities	Added to make consistent with other facility-based codes
M1KD	Operation of Mine Subsidence Control Facilities	Added to make consistent with other facility-based codes
M1KE	Operation of Surface Mine Reclamation Facilities	Added to make consistent with other facility-based codes
M1KF	Operation of Dredging Facilities	Added to make consistent with other facility-based codes
M1KZ	Operation of Other Conservation and Development Facilities	Added to make consistent with other facility-based codes
M1LA	Operation of Airport Service Roads	Added to make consistent with other facility-based codes
M1LB	Operation of Highways, Roads, Streets, Bridges, and Railways	Added to make consistent with other facility-based codes
M1LC	Operation of Tunnels and Subsurface Structures	Added to make consistent with other facility-based codes
M1LZ	Operation of Parking Facilities	Added to make consistent with other facility-based codes
M1MA	Operation of EPG Facilities - Coal	Added to make consistent with other facility-based codes
M1MB	Operation of EPG Facilities - Gas	Added to make consistent with other facility-based codes
M1MC	Operation of EPG Facilities - Geothermal	Added to make consistent with other facility-based codes
M1MD	Operation of EPG Facilities - Hydro	Added to make consistent with other facility-based codes
M1ME	Operation of EPG Facilities - Nuclear	Added to make consistent with other facility-based codes
M1MF	Operation of EPG Facilities - Petroleum	Added to make consistent with other facility-based codes

PSC	PSC Name	Rationale
M1MG	Operation of EPG Facilities - Solar	Added to make consistent with other facility-based codes
M1MZ	Operation of EPG Facilities - Other, Including Transmission	Added to make consistent with other facility-based codes
M1NA	Operation of Fuel Supply Facilities	Added to make consistent with other facility-based codes
M1NB	Operation of Heating and Cooling Plants	Added to make consistent with other facility-based codes
M1NC	Operation of Pollution Abatement and Control Facilities	Added to make consistent with other facility-based codes
M1ND	Operation of Sewage and Waste Facilities	Added to make consistent with other facility-based codes
M1NE	Operation of Water Supply Facilities	Added to make consistent with other facility-based codes
M1NZ	Operation of Other Utilities	Added to make consistent with other facility-based codes
M1PA	Operation of Recreation Facilities (Non-Building)	Added to make consistent with other facility-based codes
M1PB	Operation of Exhibit Design (Non-Building)	Added to make consistent with other facility-based codes
M1PC	Operation of Unimproved Real Property (Land)	Added to make consistent with other facility-based codes
M1PD	Operation of Waste Treatment and Storage Facilities	Added to make consistent with other facility-based codes
M1PZ	Operation of Other Non-Building Facilities	Added to make consistent with other facility-based codes
M1QA	Operation of Restoration of Real Property (Public or Private)	Added to make consistent with other facility-based codes
X1AA	Lease/Rental of Office Buildings	Added to make consistent with other facility-based codes
X1AB	Lease/Rental of Conference Space and Facilities	Added to make consistent with other facility-based codes
X1AZ	Lease/Rental of Other Administrative Facilities and Service Buildings	Added to make consistent with other facility-based codes
X1BA	Lease/Rental of Air Traffic Control Towers	Added to make consistent with other facility-based codes
X1BB	Lease/Rental of Air Traffic Control Training Facilities	Added to make consistent with other facility-based codes
X1BC	Lease/Rental of Radar and Navigational Facilities	Added to make consistent with other facility-based codes
X1BD	Lease/Rental of Airport Runways and Taxiways	Added to make consistent with other facility-based codes
X1BE	Lease/Rental of Airport Terminals	Added to make consistent with other facility-based codes
X1BF	Lease/Rental of Missile System Facilities	Added to make consistent with other facility-based codes
X1BG	Lease/Rental of Electronic and Communications Facilities	Added to make consistent with other facility-based codes
X1BZ	Lease/Rental of Other Airfield Structures	Added to make consistent with other facility-based codes
X1CA	Lease/Rental of Schools	Added to make consistent with other facility-based codes

PSC	PSC Name	Rationale
X1CZ	Lease/Rental of Other Educational Buildings	Added to make consistent with other facility-based codes
X1DA	Lease/Rental of Hospitals and Infirmaries	Added to make consistent with other facility-based codes
X1DB	Lease/Rental of Laboratories and Clinics	Added to make consistent with other facility-based codes
X1DZ	Lease/Rental of Other Hospital Buildings	Added to make consistent with other facility-based codes
X1EA	Lease/Rental of Ammunition Facilities	Added to make consistent with other facility-based codes
X1EB	Lease/Rental of Maintenance Buildings	Added to make consistent with other facility-based codes
X1EC	Lease/Rental of Production Buildings	Added to make consistent with other facility-based codes
X1ED	Lease/Rental of Ship Construction and Repair Facilities	Added to make consistent with other facility-based codes
X1EE	Lease/Rental of Tank Automotive Facilities	Added to make consistent with other facility-based codes
X1EZ	Lease/Rental of Other Industrial Buildings	Added to make consistent with other facility-based codes
X1FA	Lease/Rental of Family Housing Facilities	Added to make consistent with other facility-based codes
X1FB	Lease/Rental of Recreational Buildings	Added to make consistent with other facility-based codes
X1FC	Lease/Rental of Troop Housing Facilities	Added to make consistent with other facility-based codes
X1FD	Lease/Rental of Dining Facilities	Added to make consistent with other facility-based codes
X1FE	Lease/Rental of Religious Facilities	Added to make consistent with other facility-based codes
X1FF	Lease/Rental of Penal Facilities	Added to make consistent with other facility-based codes
X1FZ	Lease/Rental of Other Residential Buildings	Added to make consistent with other facility-based codes
X1GA	Lease/Rental of Ammunition Storage Buildings	Added to make consistent with other facility-based codes
X1GB	Lease/Rental of Food or Grain Storage Buildings	Added to make consistent with other facility-based codes
X1GC	Lease/Rental of Fuel Storage Buildings	Added to make consistent with other facility-based codes
X1GD	Lease/Rental of Open Storage Facilities	Added to make consistent with other facility-based codes
X1GZ	Lease/Rental of Other Warehouse Buildings	Added to make consistent with other facility-based codes
X1HA	Lease/Rental of Government-Owned Contractor-Operated (GOCO) R&D Facilities	Added to make consistent with other facility-based codes
X1HB	Lease/Rental of Government-Owned Government-Operated (GOGO) R&D Facilities	Added to make consistent with other facility-based codes
X1HC	Lease/Rental of Government-Owned Contractor-Operated (GOCO) Environmental Laboratories	Added to make consistent with other facility-based codes

PSC	PSC Name	Rationale
X1HZ	Lease/Rental of Government-Owned Government-Operated (GOGO) Environmental Laboratories	Added to make consistent with other facility-based codes
X1JA	Lease/Rental of Museums and Exhibition Buildings	Added to make consistent with other facility-based codes
X1JB	Lease/Rental of Testing and Measurement Buildings	Added to make consistent with other facility-based codes
X1JZ	Lease/Rental of Miscellaneous Buildings	Added to make consistent with other facility-based codes
X1KA	Lease/Rental of Dams	Added to make consistent with other facility-based codes
X1KB	Lease/Rental of Canals	Added to make consistent with other facility-based codes
X1KC	Lease/Rental of Mine Fire Control Facilities	Added to make consistent with other facility-based codes
X1KD	Lease/Rental of Mine Subsidence Control Facilities	Added to make consistent with other facility-based codes
X1KE	Lease/Rental of Surface Mine Reclamation Facilities	Added to make consistent with other facility-based codes
X1KF	Lease/Rental of Dredging Facilities	Added to make consistent with other facility-based codes
X1KZ	Lease/Rental of Other Conservation and Development Facilities	Added to make consistent with other facility-based codes
X1LA	Lease/Rental of Airport Service Roads	Added to make consistent with other facility-based codes
X1LB	Lease/Rental of Highways, Roads, Streets, Bridges, and Railways	Added to make consistent with other facility-based codes
X1LC	Lease/Rental of Tunnels and Subsurface Structures	Added to make consistent with other facility-based codes
X1LZ	Lease/Rental of Parking Facilities	Added to make consistent with other facility-based codes
X1MA	Lease/Rental of EPG Facilities - Coal	Added to make consistent with other facility-based codes
X1MB	Lease/Rental of EPG Facilities - Gas	Added to make consistent with other facility-based codes
X1MC	Lease/Rental of EPG Facilities - Geothermal	Added to make consistent with other facility-based codes
X1MD	Lease/Rental of EPG Facilities - Hydro	Added to make consistent with other facility-based codes
X1ME	Lease/Rental of EPG Facilities - Nuclear	Added to make consistent with other facility-based codes
X1MF	Lease/Rental of EPG Facilities - Petroleum	Added to make consistent with other facility-based codes
X1MG	Lease/Rental of EPG Facilities - Solar	Added to make consistent with other facility-based codes
X1MZ	Lease/Rental of EPG Facilities - Other, Including Transmission	Added to make consistent with other facility-based codes
X1NA	Lease/Rental of Fuel Supply Facilities	Added to make consistent with other facility-based codes
X1NB	Lease/Rental of Heating and Cooling Plants	Added to make consistent with other facility-based codes
X1NC	Lease/Rental of Pollution Abatement and Control Facilities	Added to make consistent with other facility-based codes

PSC	PSC Name	Rationale
X1ND	Lease/Rental of Sewage and Waste Facilities	Added to make consistent with other facility-based codes
X1NE	Lease/Rental of Water Supply Facilities	Added to make consistent with other facility-based codes
X1NZ	Lease/Rental of Other Utilities	Added to make consistent with other facility-based codes
X1PA	Lease/Rental of Recreation Facilities (Non-Building)	Added to make consistent with other facility-based codes
X1PB	Lease/Rental of Exhibit Design (Non-Building)	Added to make consistent with other facility-based codes
X1PC	Lease/Rental of Unimproved Real Property (Land)	Added to make consistent with other facility-based codes
X1PD	Lease/Rental of Waste Treatment and Storage Facilities	Added to make consistent with other facility-based codes
X1PZ	Lease/Rental of Other Non-Building Facilities	Added to make consistent with other facility-based codes
X1QA	Lease/Rental of Restoration of Real Property (Public or Private)	Added to make consistent with other facility-based codes
Y1AA	Construction of Office Buildings	Added to make consistent with other facility-based codes
Y1AB	Construction of Conference Space and Facilities	Added to make consistent with other facility-based codes
Y1AZ	Construction of Other Administrative Facilities and Service Buildings	Added to make consistent with other facility-based codes
Y1BA	Construction of Air Traffic Control Towers	Added to make consistent with other facility-based codes
Y1BB	Construction of Air Traffic Control Training Facilities	Added to make consistent with other facility-based codes
Y1BC	Construction of Radar and Navigational Facilities	Added to make consistent with other facility-based codes
Y1BD	Construction of Airport Runways and Taxiways	Added to make consistent with other facility-based codes
Y1BE	Construction of Airport Terminals	Added to make consistent with other facility-based codes
Y1BF	Construction of Missile System Facilities	Added to make consistent with other facility-based codes
Y1BG	Construction of Electronic and Communications Facilities	Added to make consistent with other facility-based codes
Y1BZ	Construction of Other Airfield Structures	Added to make consistent with other facility-based codes
Y1CA	Construction of Schools	Added to make consistent with other facility-based codes
Y1CZ	Construction of Other Educational Buildings	Added to make consistent with other facility-based codes
Y1DA	Construction of Hospitals and Infirmaries	Added to make consistent with other facility-based codes
Y1DB	Construction of Laboratories and Clinics	Added to make consistent with other facility-based codes
Y1DZ	Construction of Other Hospital Buildings	Added to make consistent with other facility-based codes
Y1EA	Construction of Ammunition Facilities	Added to make consistent with other facility-based codes

PSC	PSC Name	Rationale
Y1EB	Construction of Maintenance Buildings	Added to make consistent with other facility-based codes
Y1EC	Construction of Production Buildings	Added to make consistent with other facility-based codes
Y1ED	Construction of Ship Construction and Repair Facilities	Added to make consistent with other facility-based codes
Y1EE	Construction of Tank Automotive Facilities	Added to make consistent with other facility-based codes
Y1EZ	Construction of Other Industrial Buildings	Added to make consistent with other facility-based codes
Y1FA	Construction of Family Housing Facilities	Added to make consistent with other facility-based codes
Y1FB	Construction of Recreational Buildings	Added to make consistent with other facility-based codes
Y1FC	Construction of Troop Housing Facilities	Added to make consistent with other facility-based codes
Y1FD	Construction of Dining Facilities	Added to make consistent with other facility-based codes
Y1FE	Construction of Religious Facilities	Added to make consistent with other facility-based codes
Y1FF	Construction of Penal Facilities	Added to make consistent with other facility-based codes
Y1FZ	Construction of Other Residential Buildings	Added to make consistent with other facility-based codes
Y1GA	Construction of Ammunition Storage Buildings	Added to make consistent with other facility-based codes
Y1GB	Construction of Food or Grain Storage Buildings	Added to make consistent with other facility-based codes
Y1GC	Construction of Fuel Storage Buildings	Added to make consistent with other facility-based codes
Y1GD	Construction of Open Storage Facilities	Added to make consistent with other facility-based codes
Y1GZ	Construction of Other Warehouse Buildings	Added to make consistent with other facility-based codes
Y1HA	Construction of Government-Owned Contractor-Operated (GOCO) R&D Facilities	Added to make consistent with other facility-based codes
Y1HB	Construction of Government-Owned Government-Operated (GOGO) R&D Facilities	Added to make consistent with other facility-based codes
Y1HC	Construction of Government-Owned Contractor-Operated (GOCO) Environmental Laboratories	Added to make consistent with other facility-based codes
Y1HZ	Construction of Government-Owned Government-Operated (GOGO) Environmental Laboratories	Added to make consistent with other facility-based codes
Y1JA	Construction of Museums and Exhibition Buildings	Added to make consistent with other facility-based codes
Y1JB	Construction of Testing and Measurement Buildings	Added to make consistent with other facility-based codes
Y1JZ	Construction of Miscellaneous Buildings	Added to make consistent with other facility-based codes
Y1KA	Construction of Dams	Added to make consistent with other facility-based codes

PSC	PSC Name	Rationale
Y1KB	Construction of Canals	Added to make consistent with other facility-based codes
Y1KC	Construction of Mine Fire Control Facilities	Added to make consistent with other facility-based codes
Y1KD	Construction of Mine Subsidence Control Facilities	Added to make consistent with other facility-based codes
Y1KE	Construction of Surface Mine Reclamation Facilities	Added to make consistent with other facility-based codes
Y1KF	Construction of Dredging Facilities	Added to make consistent with other facility-based codes
Y1KZ	Construction of Other Conservation and Development Facilities	Added to make consistent with other facility-based codes
Y1LA	Construction of Airport Service Roads	Added to make consistent with other facility-based codes
Y1LB	Construction of Highways, Roads, Streets, Bridges, and Railways	Added to make consistent with other facility-based codes
Y1LC	Construction of Tunnels and Subsurface Structures	Added to make consistent with other facility-based codes
Y1LZ	Construction of Parking Facilities	Added to make consistent with other facility-based codes
Y1MA	Construction of EPG Facilities - Coal	Added to make consistent with other facility-based codes
Y1MB	Construction of EPG Facilities - Gas	Added to make consistent with other facility-based codes
Y1MC	Construction of EPG Facilities - Geothermal	Added to make consistent with other facility-based codes
Y1MD	Construction of EPG Facilities - Hydro	Added to make consistent with other facility-based codes
Y1ME	Construction of EPG Facilities - Nuclear	Added to make consistent with other facility-based codes
Y1MF	Construction of EPG Facilities - Petroleum	Added to make consistent with other facility-based codes
Y1MG	Construction of EPG Facilities - Solar	Added to make consistent with other facility-based codes
Y1MZ	Construction of EPG Facilities - Other, Including Transmission	Added to make consistent with other facility-based codes
Y1NA	Construction of Fuel Supply Facilities	Added to make consistent with other facility-based codes
Y1NB	Construction of Heating and Cooling Plants	Added to make consistent with other facility-based codes
Y1NC	Construction of Pollution Abatement and Control Facilities	Added to make consistent with other facility-based codes
Y1ND	Construction of Sewage and Waste Facilities	Added to make consistent with other facility-based codes
Y1NE	Construction of Water Supply Facilities	Added to make consistent with other facility-based codes
Y1NZ	Construction of Other Utilities	Added to make consistent with other facility-based codes
Y1PA	Construction of Recreation Facilities (Non-Building)	Added to make consistent with other facility-based codes
Y1PB	Construction of Exhibit Design (Non-Building)	Added to make consistent with other facility-based codes

PSC	PSC Name	Rationale
Y1PC	Construction of Unimproved Real Property (Land)	Added to make consistent with other facility-based codes
Y1PD	Construction of Waste Treatment and Storage Facilities	Added to make consistent with other facility-based codes
Y1PZ	Construction of Other Non-Building Facilities	Added to make consistent with other facility-based codes
Y1QA	Construction of Restoration of Real Property (Public or Private)	Added to make consistent with other facility-based codes
Z1AA	Maintenance of Office Buildings	Added to split maintenance from repair/alteration (blog #114)
Z1AB	Maintenance of Conference Space and Facilities	Added to split maintenance from repair/alteration (blog #114)
Z1AZ	Maintenance of Other Administrative Facilities and Service Buildings	Added to split maintenance from repair/alteration (blog #114)
Z1BA	Maintenance of Air Traffic Control Towers	Added to split maintenance from repair/alteration (blog #114)
Z1BB	Maintenance of Air Traffic Control Training Facilities	Added to split maintenance from repair/alteration (blog #114)
Z1BC	Maintenance of Radar and Navigational Facilities	Added to split maintenance from repair/alteration (blog #114)
Z1BD	Maintenance of Airport Runways and Taxiways	Added to split maintenance from repair/alteration (blog #114)
Z1BE	Maintenance of Airport Terminals	Added to split maintenance from repair/alteration (blog #114)
Z1BF	Maintenance of Missile System Facilities	Added to split maintenance from repair/alteration (blog #114)
Z1BG	Maintenance of Electronic and Communications Facilities	Added to split maintenance from repair/alteration (blog #114)
Z1BZ	Maintenance of Other Airfield Structures	Added to split maintenance from repair/alteration (blog #114)
Z1CA	Maintenance of Schools	Added to split maintenance from repair/alteration (blog #114)
Z1CZ	Maintenance of Other Educational Buildings	Added to split maintenance from repair/alteration (blog #114)
Z1DA	Maintenance of Hospitals and Infirmaries	Added to split maintenance from repair/alteration (blog #114)
Z1DB	Maintenance of Laboratories and Clinics	Added to split maintenance from repair/alteration (blog #114)
Z1DZ	Maintenance of Other Hospital Buildings	Added to split maintenance from repair/alteration (blog #114)
Z1EA	Maintenance of Ammunition Facilities	Added to split maintenance from repair/alteration (blog #114)
Z1EB	Maintenance of Maintenance Buildings	Added to split maintenance from repair/alteration (blog #114)
Z1EC	Maintenance of Production Buildings	Added to split maintenance from repair/alteration (blog #114)
Z1ED	Maintenance of Ship Construction and Repair Facilities	Added to split maintenance from repair/alteration (blog #114)
Z1EE	Maintenance of Tank Automotive Facilities	Added to split maintenance from repair/alteration (blog #114)
Z1EZ	Maintenance of Other Industrial Buildings	Added to split maintenance from repair/alteration (blog #114)

PSC	PSC Name	Rationale
Z1FA	Maintenance of Family Housing Facilities	Added to split maintenance from repair/alteration (blog #114)
Z1FB	Maintenance of Recreational Buildings	Added to split maintenance from repair/alteration (blog #114)
Z1FC	Maintenance of Troop Housing Facilities	Added to split maintenance from repair/alteration (blog #114)
Z1FD	Maintenance of Dining Facilities	Added to split maintenance from repair/alteration (blog #114)
Z1FE	Maintenance of Religious Facilities	Added to split maintenance from repair/alteration (blog #114)
Z1FF	Maintenance of Penal Facilities	Added to split maintenance from repair/alteration (blog #114)
Z1FZ	Maintenance of Other Residential Buildings	Added to split maintenance from repair/alteration (blog #114)
Z1GA	Maintenance of Ammunition Storage Buildings	Added to split maintenance from repair/alteration (blog #114)
Z1GB	Maintenance of Food or Grain Storage Buildings	Added to split maintenance from repair/alteration (blog #114)
Z1GC	Maintenance of Fuel Storage Buildings	Added to split maintenance from repair/alteration (blog #114)
Z1GD	Maintenance of Open Storage Facilities	Added to split maintenance from repair/alteration (blog #114)
Z1GZ	Maintenance of Other Warehouse Buildings	Added to split maintenance from repair/alteration (blog #114)
Z1HA	Maintenance of Government-Owned Contractor-Operated (GOCO) R&D Facilities	Added to split maintenance from repair/alteration (blog #114)
Z1HB	Maintenance of Government-Owned Government-Operated (GOGO) R&D Facilities	Added to split maintenance from repair/alteration (blog #114)
Z1HC	Maintenance of Government-Owned Contractor-Operated (GOCO) Environmental Laboratories	Added to split maintenance from repair/alteration (blog #114)
Z1HZ	Maintenance of Government-Owned Government-Operated (GOGO) Environmental Laboratories	Added to split maintenance from repair/alteration (blog #114)
Z1JA	Maintenance of Museums and Exhibition Buildings	Added to split maintenance from repair/alteration (blog #114)
Z1JB	Maintenance of Testing and Measurement Buildings	Added to split maintenance from repair/alteration (blog #114)
Z1JZ	Maintenance of Miscellaneous Buildings	Added to split maintenance from repair/alteration (blog #114)
Z1KA	Maintenance of Dams	Added to split maintenance from repair/alteration (blog #114)
Z1KB	Maintenance of Canals	Added to split maintenance from repair/alteration (blog #114)
Z1KC	Maintenance of Mine Fire Control Facilities	Added to split maintenance from repair/alteration (blog #114)
Z1KD	Maintenance of Mine Subsidence Control Facilities	Added to split maintenance from repair/alteration (blog #114)
Z1KE	Maintenance of Surface Mine Reclamation Facilities	Added to split maintenance from repair/alteration (blog #114)
Z1KF	Maintenance of Dredging Facilities	Added to split maintenance from repair/alteration (blog #114)

PSC	PSC Name	Rationale
Z1KZ	Maintenance of Other Conservation and Development Facilities	Added to split maintenance from repair/alteration (blog #114)
Z1LA	Maintenance of Airport Service Roads	Added to split maintenance from repair/alteration (blog #114)
Z1LB	Maintenance of Highways, Roads, Streets, Bridges, and Railways	Added to split maintenance from repair/alteration (blog #114)
Z1LC	Maintenance of Tunnels and Subsurface Structures	Added to split maintenance from repair/alteration (blog #114)
Z1LZ	Maintenance of Parking Facilities	Added to split maintenance from repair/alteration (blog #114)
Z1MA	Maintenance of EPG Facilities - Coal	Added to split maintenance from repair/alteration (blog #114)
Z1MB	Maintenance of EPG Facilities - Gas	Added to split maintenance from repair/alteration (blog #114)
Z1MC	Maintenance of EPG Facilities - Geothermal	Added to split maintenance from repair/alteration (blog #114)
Z1MD	Maintenance of EPG Facilities - Hydro	Added to split maintenance from repair/alteration (blog #114)
Z1ME	Maintenance of EPG Facilities - Nuclear	Added to split maintenance from repair/alteration (blog #114)
Z1MF	Maintenance of EPG Facilities - Petroleum	Added to split maintenance from repair/alteration (blog #114)
Z1MG	Maintenance of EPG Facilities - Solar	Added to split maintenance from repair/alteration (blog #114)
Z1MZ	Maintenance of EPG Facilities - Other, Including Transmission	Added to split maintenance from repair/alteration (blog #114)
Z1NA	Maintenance of Fuel Supply Facilities	Added to split maintenance from repair/alteration (blog #114)
Z1NB	Maintenance of Heating and Cooling Plants	Added to split maintenance from repair/alteration (blog #114)
Z1NC	Maintenance of Pollution Abatement and Control Facilities	Added to split maintenance from repair/alteration (blog #114)
Z1ND	Maintenance of Sewage and Waste Facilities	Added to split maintenance from repair/alteration (blog #114)
Z1NE	Maintenance of Water Supply Facilities	Added to split maintenance from repair/alteration (blog #114)
Z1NZ	Maintenance of Other Utilities	Added to split maintenance from repair/alteration (blog #114)
Z1PA	Maintenance of Recreation Facilities (Non-Building)	Added to split maintenance from repair/alteration (blog #114)
Z1PB	Maintenance of Exhibit Design (Non-Building)	Added to split maintenance from repair/alteration (blog #114)
Z1PC	Maintenance of Unimproved Real Property (Land)	Added to split maintenance from repair/alteration (blog #114)
Z1PD	Maintenance of Waste Treatment and Storage Facilities	Added to split maintenance from repair/alteration (blog #114)
Z1PZ	Maintenance of Other Non-Building Facilities	Added to split maintenance from repair/alteration (blog #114)
Z1QA	Maintenance of Restoration of Real Property (Public or Private)	Added to split maintenance from repair/alteration (blog #114)
Z2AA	Repair or Alteration of Office Buildings	Added to split maintenance from repair/alteration (blog #114)

PSC	PSC Name	Rationale
Z2AB	Repair or Alteration of Conference Space and Facilities	Added to split maintenance from repair/alteration (blog #114)
Z2AZ	Repair or Alteration of Other Administrative Facilities and Service Buildings	Added to split maintenance from repair/alteration (blog #114)
Z2BA	Repair or Alteration of Air Traffic Control Towers	Added to split maintenance from repair/alteration (blog #114)
Z2BB	Repair or Alteration of Air Traffic Control Training Facilities	Added to split maintenance from repair/alteration (blog #114)
Z2BC	Repair or Alteration of Radar and Navigational Facilities	Added to split maintenance from repair/alteration (blog #114)
Z2BD	Repair or Alteration of Airport Runways and Taxiways	Added to split maintenance from repair/alteration (blog #114)
Z2BE	Repair or Alteration of Airport Terminals	Added to split maintenance from repair/alteration (blog #114)
Z2BF	Repair or Alteration of Missile System Facilities	Added to split maintenance from repair/alteration (blog #114)
Z2BG	Repair or Alteration of Electronic and Communications Facilities	Added to split maintenance from repair/alteration (blog #114)
Z2BZ	Repair or Alteration of Other Airfield Structures	Added to split maintenance from repair/alteration (blog #114)
Z2CA	Repair or Alteration of Schools	Added to split maintenance from repair/alteration (blog #114)
Z2CZ	Repair or Alteration of Other Educational Buildings	Added to split maintenance from repair/alteration (blog #114)
Z2DA	Repair or Alteration of Hospitals and Infirmaries	Added to split maintenance from repair/alteration (blog #114)
Z2DB	Repair or Alteration of Laboratories and Clinics	Added to split maintenance from repair/alteration (blog #114)
Z2DZ	Repair or Alteration of Other Hospital Buildings	Added to split maintenance from repair/alteration (blog #114)
Z2EA	Repair or Alteration of Ammunition Facilities	Added to split maintenance from repair/alteration (blog #114)
Z2EB	Repair or Alteration of Maintenance Buildings	Added to split maintenance from repair/alteration (blog #114)
Z2EC	Repair or Alteration of Production Buildings	Added to split maintenance from repair/alteration (blog #114)
Z2ED	Repair or Alteration of Ship Construction and Repair Facilities	Added to split maintenance from repair/alteration (blog #114)
Z2EE	Repair or Alteration of Tank Automotive Facilities	Added to split maintenance from repair/alteration (blog #114)
Z2EZ	Repair or Alteration of Other Industrial Buildings	Added to split maintenance from repair/alteration (blog #114)
Z2FA	Repair or Alteration of Family Housing Facilities	Added to split maintenance from repair/alteration (blog #114)
Z2FB	Repair or Alteration of Recreational Buildings	Added to split maintenance from repair/alteration (blog #114)
Z2FC	Repair or Alteration of Troop Housing Facilities	Added to split maintenance from repair/alteration (blog #114)
Z2FD	Repair or Alteration of Dining Facilities	Added to split maintenance from repair/alteration (blog #114)
Z2FE	Repair or Alteration of Religious Facilities	Added to split maintenance from repair/alteration (blog #114)

PSC	PSC Name	Rationale
Z2FF	Repair or Alteration of Penal Facilities	Added to split maintenance from repair/alteration (blog #114)
Z2FZ	Repair or Alteration of Other Residential Buildings	Added to split maintenance from repair/alteration (blog #114)
Z2GA	Repair or Alteration of Ammunition Storage Buildings	Added to split maintenance from repair/alteration (blog #114)
Z2GB	Repair or Alteration of Food or Grain Storage Buildings	Added to split maintenance from repair/alteration (blog #114)
Z2GC	Repair or Alteration of Fuel Storage Buildings	Added to split maintenance from repair/alteration (blog #114)
Z2GD	Repair or Alteration of Open Storage Facilities	Added to split maintenance from repair/alteration (blog #114)
Z2GZ	Repair or Alteration of Other Warehouse Buildings	Added to split maintenance from repair/alteration (blog #114)
Z2HA	Repair or Alteration of Government-Owned Contractor-Operated (GOCO) R&D Facilities	Added to split maintenance from repair/alteration (blog #114)
Z2HB	Repair or Alteration of Government-Owned Government-Operated (GOGO) R&D Facilities	Added to split maintenance from repair/alteration (blog #114)
Z2HC	Repair or Alteration of Government-Owned Contractor-Operated (GOCO) Environmental Laboratories	Added to split maintenance from repair/alteration (blog #114)
Z2HZ	Repair or Alteration of Government-Owned Government-Operated (GOGO) Environmental Laboratories	Added to split maintenance from repair/alteration (blog #114)
Z2JA	Repair or Alteration of Museums and Exhibition Buildings	Added to split maintenance from repair/alteration (blog #114)
Z2JB	Repair or Alteration of Testing and Measurement Buildings	Added to split maintenance from repair/alteration (blog #114)
Z2JZ	Repair or Alteration of Miscellaneous Buildings	Added to split maintenance from repair/alteration (blog #114)
Z2KA	Repair or Alteration of Dams	Added to split maintenance from repair/alteration (blog #114)
Z2KB	Repair or Alteration of Canals	Added to split maintenance from repair/alteration (blog #114)
Z2KC	Repair or Alteration of Mine Fire Control Facilities	Added to split maintenance from repair/alteration (blog #114)
Z2KD	Repair or Alteration of Mine Subsidence Control Facilities	Added to split maintenance from repair/alteration (blog #114)
Z2KE	Repair or Alteration of Surface Mine Reclamation Facilities	Added to split maintenance from repair/alteration (blog #114)
Z2KF	Repair or Alteration of Dredging Facilities	Added to split maintenance from repair/alteration (blog #114)
Z2KZ	Repair or Alteration of Other Conservation and Development Facilities	Added to split maintenance from repair/alteration (blog #114)
Z2LA	Repair or Alteration of Airport Service Roads	Added to split maintenance from repair/alteration (blog #114)
Z2LB	Repair or Alteration of Highways, Roads, Streets, Bridges, and Railways	Added to split maintenance from repair/alteration (blog #114)
Z2LC	Repair or Alteration of Tunnels and Subsurface Structures	Added to split maintenance from repair/alteration (blog #114)
Z2LZ	Repair or Alteration of Parking Facilities	Added to split maintenance from repair/alteration (blog #114)

PSC	PSC Name	Rationale
Z2MA	Repair or Alteration of EPG Facilities - Coal	Added to split maintenance from repair/alteration (blog #114)
Z2MB	Repair or Alteration of EPG Facilities - Gas	Added to split maintenance from repair/alteration (blog #114)
Z2MC	Repair or Alteration of EPG Facilities - Geothermal	Added to split maintenance from repair/alteration (blog #114)
Z2MD	Repair or Alteration of EPG Facilities - Hydro	Added to split maintenance from repair/alteration (blog #114)
Z2ME	Repair or Alteration of EPG Facilities - Nuclear	Added to split maintenance from repair/alteration (blog #114)
Z2MF	Repair or Alteration of EPG Facilities - Petroleum	Added to split maintenance from repair/alteration (blog #114)
Z2MG	Repair or Alteration of EPG Facilities - Solar	Added to split maintenance from repair/alteration (blog #114)
Z2MZ	Repair or Alteration of EPG Facilities - Other, Including Transmission	Added to split maintenance from repair/alteration (blog #114)
Z2NA	Repair or Alteration of Fuel Supply Facilities	Added to split maintenance from repair/alteration (blog #114)
Z2NB	Repair or Alteration of Heating and Cooling Plants	Added to split maintenance from repair/alteration (blog #114)
Z2NC	Repair or Alteration of Pollution Abatement and Control Facilities	Added to split maintenance from repair/alteration (blog #114)
Z2ND	Repair or Alteration of Sewage and Waste Facilities	Added to split maintenance from repair/alteration (blog #114)
Z2NE	Repair or Alteration of Water Supply Facilities	Added to split maintenance from repair/alteration (blog #114)
Z2NZ	Repair or Alteration of Other Utilities	Added to split maintenance from repair/alteration (blog #114)
Z2PA	Repair or Alteration of Recreation Facilities (Non-Building)	Added to split maintenance from repair/alteration (blog #114)
Z2PB	Repair or Alteration of Exhibit Design (Non-Building)	Added to split maintenance from repair/alteration (blog #114)
Z2PC	Repair or Alteration of Unimproved Real Property (Land)	Added to split maintenance from repair/alteration (blog #114)
Z2PD	Repair or Alteration of Waste Treatment and Storage Facilities	Added to split maintenance from repair/alteration (blog #114)
Z2PZ	Repair or Alteration of Other Non-Building Facilities	Added to split maintenance from repair/alteration (blog #114)
Z2QA	Repair or Alteration of Restoration of Real Property (Public or Private)	Added to split maintenance from repair/alteration (blog #114)

Appendix 2
Crosswalk from Previous Version of Manual

The following table maps the codes in the previous version of the PSC Manual to the codes in the current revision and provides the rationale for the change.

Previous PSC	Current PSC	Rationale
1000	----	Ended--No valid information associated with this PSC
1005	1005	Conformed to FSCs as of July 2011
1010	1010	Conformed to FSCs as of July 2011
1015	1015	Conformed to FSCs as of July 2011
1020	1020	Conformed to FSCs as of July 2011
1025	1025	Conformed to FSCs as of July 2011
1030	1030	Conformed to FSCs as of July 2011
1035	1035	Conformed to FSCs as of July 2011
1040	1040	Conformed to FSCs as of July 2011
1045	1045	Conformed to FSCs as of July 2011
1055	1055	Conformed to FSCs as of July 2011
1070	1070	Conformed to FSCs as of July 2011
1075	1075	Conformed to FSCs as of July 2011
1080	1080	Conformed to FSCs as of July 2011
1090	1090	Conformed to FSCs as of July 2011
1095	1095	Conformed to FSCs as of July 2011
1105	1105	Conformed to FSCs as of July 2011
1110	1110	Conformed to FSCs as of July 2011
1115	1115	Conformed to FSCs as of July 2011
1120	1120	Conformed to FSCs as of July 2011
1125	1125	Conformed to FSCs as of July 2011
1127	1127	Conformed to FSCs as of July 2011
1130	1130	Conformed to FSCs as of July 2011
1135	1135	Conformed to FSCs as of July 2011
1140	1140	Conformed to FSCs as of July 2011
1145	1145	Conformed to FSCs as of July 2011
1190	1190	Conformed to FSCs as of July 2011
1195	1195	Conformed to FSCs as of July 2011
1210	1210	Conformed to FSCs as of July 2011
1220	1220	Conformed to FSCs as of July 2011
1230	1230	Conformed to FSCs as of July 2011
1240	1240	Conformed to FSCs as of July 2011
1250	1250	Conformed to FSCs as of July 2011
1260	1260	Conformed to FSCs as of July 2011

Previous PSC	Current PSC	Rationale
1265	1265	Conformed to FSCs as of July 2011
1270	1270	Conformed to FSCs as of July 2011
1280	1280	Conformed to FSCs as of July 2011
1285	1285	Conformed to FSCs as of July 2011
1287	1287	Conformed to FSCs as of July 2011
1290	1290	Conformed to FSCs as of July 2011
1305	1305	Conformed to FSCs as of July 2011
1310	1310	Conformed to FSCs as of July 2011
1315	1315	Conformed to FSCs as of July 2011
1320	1320	Conformed to FSCs as of July 2011
1325	1325	Conformed to FSCs as of July 2011
1330	1330	Conformed to FSCs as of July 2011
1336	1336	Conformed to FSCs as of July 2011
1337	1337	Conformed to FSCs as of July 2011
1338	1338	Conformed to FSCs as of July 2011
1340	1340	Conformed to FSCs as of July 2011
1345	1345	Conformed to FSCs as of July 2011
1346	1346	Conformed to FSCs as of July 2011
1350	1350	Conformed to FSCs as of July 2011
1351	1351	Conformed to FSCs as of July 2011
1352	1352	Conformed to FSCs as of July 2011
1353	1353	Conformed to FSCs as of July 2011
1355	1355	Conformed to FSCs as of July 2011
1356	1356	Conformed to FSCs as of July 2011
1360	1360	Conformed to FSCs as of July 2011
1361	1361	Conformed to FSCs as of July 2011
1365	1365	Conformed to FSCs as of July 2011
1367	1367	Conformed to FSCs as of July 2011
1370	1370	Conformed to FSCs as of July 2011
1375	1375	Conformed to FSCs as of July 2011
1376	1376	Conformed to FSCs as of July 2011
1377	1377	Conformed to FSCs as of July 2011
1385	1385	Conformed to FSCs as of July 2011
1386	1386	Conformed to FSCs as of July 2011
1390	1390	Conformed to FSCs as of July 2011
1395	1395	Conformed to FSCs as of July 2011
1398	1398	Conformed to FSCs as of July 2011
1410	1410	Conformed to FSCs as of July 2011
1420	1420	Conformed to FSCs as of July 2011
1425	1425	Conformed to FSCs as of July 2011

Previous PSC	Current PSC	Rationale
1427	1427	Conformed to FSCs as of July 2011
1430	1430	Conformed to FSCs as of July 2011
1440	1440	Conformed to FSCs as of July 2011
1450	1450	Conformed to FSCs as of July 2011
1510	1510	Conformed to FSCs as of July 2011
1520	1520	Conformed to FSCs as of July 2011
1540	1540	Conformed to FSCs as of July 2011
1550	1550	Conformed to FSCs as of July 2011
1560	1560	Conformed to FSCs as of July 2011
1610	1610	Conformed to FSCs as of July 2011
1615	1615	Conformed to FSCs as of July 2011
1620	1620	Conformed to FSCs as of July 2011
1630	1630	Conformed to FSCs as of July 2011
1640	1640	Conformed to FSCs as of July 2011
1650	1650	Conformed to FSCs as of July 2011
1660	1660	Conformed to FSCs as of July 2011
1670	1670	Conformed to FSCs as of July 2011
1680	1680	Conformed to FSCs as of July 2011
1710	1710	Conformed to FSCs as of July 2011
1720	1720	Conformed to FSCs as of July 2011
1730	1730	Conformed to FSCs as of July 2011
1740	1740	Conformed to FSCs as of July 2011
1810	1810	Conformed to FSCs as of July 2011
1820	1820	Conformed to FSCs as of July 2011
1830	1830	Conformed to FSCs as of July 2011
1840	1840	Conformed to FSCs as of July 2011
1850	1850	Conformed to FSCs as of July 2011
1860	1860	Conformed to FSCs as of July 2011
1900	1905	Ended--conform to FSCs as of July 2011 (covered by FSC 1905)
1901	1905	Ended--conform to FSCs as of July 2011 (covered by FSC 1905)
1902	1905	Ended--conform to FSCs as of July 2011 (covered by FSC 1905)
1903	1905	Ended--conform to FSCs as of July 2011 (covered by FSC 1905)
1904	1905	Ended--conform to FSCs as of July 2011 (covered by FSC 1905)
1905	1905	Conformed to FSCs as of July 2011
1906	1905	Ended--conform to FSCs as of July 2011 (covered by FSC 1905)
1907	1905	Ended--conform to FSCs as of July 2011 (covered by FSC 1905)
1908	1905	Ended--conform to FSCs as of July 2011 (covered by FSC 1905)
1909	1905	Ended--conform to FSCs as of July 2011 (covered by FSC 1905)
1910	1910	Conformed to FSCs as of July 2011
1911	1905	Ended--conform to FSCs as of July 2011 (covered by FSC 1905)

Previous PSC	Current PSC	Rationale
1915	1915	Conformed to FSCs as of July 2011
1920	1920	Conformed to FSCs as of July 2011
1921	1925	Ended--conform to FSCs as of July 2011 (covered by FSC 1925)
1922	1925	Ended--conform to FSCs as of July 2011 (covered by FSC 1925)
1923	1925	Ended--conform to FSCs as of July 2011 (covered by FSC 1925)
1924	1925	Ended--conform to FSCs as of July 2011 (covered by FSC 1925)
1925	1925	Conformed to FSCs as of July 2011
1926	1925	Ended--conform to FSCs as of July 2011 (covered by FSC 1925)
1927	1925	Ended--conform to FSCs as of July 2011 (covered by FSC 1925)
1928	1925	Ended--conform to FSCs as of July 2011 (covered by FSC 1925)
1929	1925	Ended--conform to FSCs as of July 2011 (covered by FSC 1925)
1930	1930	Conformed to FSCs as of July 2011
1935	1935	Conformed to FSCs as of July 2011
1940	1940	Conformed to FSCs as of July 2011
1945	1945	Conformed to FSCs as of July 2011
1950	1950	Conformed to FSCs as of July 2011
1955	1955	Conformed to FSCs as of July 2011
1990	1990	Conformed to FSCs as of July 2011
2010	2010	Conformed to FSCs as of July 2011
2020	2020	Conformed to FSCs as of July 2011
2030	2030	Conformed to FSCs as of July 2011
2040	2040	Conformed to FSCs as of July 2011
2050	2050	Conformed to FSCs as of July 2011
2060	2060	Conformed to FSCs as of July 2011
2090	2090	Conformed to FSCs as of July 2011
2210	2210	Conformed to FSCs as of July 2011
2220	2220	Conformed to FSCs as of July 2011
2230	2230	Conformed to FSCs as of July 2011
2240	2240	Conformed to FSCs as of July 2011
2250	2250	Conformed to FSCs as of July 2011
2305	2305	Conformed to FSCs as of July 2011
2310	2310	Conformed to FSCs as of July 2011
2320	2320	Conformed to FSCs as of July 2011
2330	2330	Conformed to FSCs as of July 2011
2340	2340	Conformed to FSCs as of July 2011
2350	2350	Conformed to FSCs as of July 2011
2355	2355	Conformed to FSCs as of July 2011
2410	2410	Conformed to FSCs as of July 2011
2420	2420	Conformed to FSCs as of July 2011
2430	2430	Conformed to FSCs as of July 2011

Previous PSC	Current PSC	Rationale
2510	2510	Conformed to FSCs as of July 2011
2520	2520	Conformed to FSCs as of July 2011
2530	2530	Conformed to FSCs as of July 2011
2540	2540	Conformed to FSCs as of July 2011
2541	2541	Conformed to FSCs as of July 2011
2590	2590	Conformed to FSCs as of July 2011
2610	2610	Conformed to FSCs as of July 2011
2620	2620	Conformed to FSCs as of July 2011
2630	2630	Conformed to FSCs as of July 2011
2640	2640	Conformed to FSCs as of July 2011
2805	2805	Conformed to FSCs as of July 2011
2810	2810	Conformed to FSCs as of July 2011
2815	2815	Conformed to FSCs as of July 2011
2820	2820	Conformed to FSCs as of July 2011
2825	2825	Conformed to FSCs as of July 2011
2830	2830	Conformed to FSCs as of July 2011
2835	2835	Conformed to FSCs as of July 2011
2840	2840	Conformed to FSCs as of July 2011
2845	2845	Conformed to FSCs as of July 2011
2850	2850	Conformed to FSCs as of July 2011
2895	2895	Conformed to FSCs as of July 2011
2910	2910	Conformed to FSCs as of July 2011
2915	2915	Conformed to FSCs as of July 2011
2920	2920	Conformed to FSCs as of July 2011
2925	2925	Conformed to FSCs as of July 2011
2930	2930	Conformed to FSCs as of July 2011
2935	2935	Conformed to FSCs as of July 2011
2940	2940	Conformed to FSCs as of July 2011
2945	2945	Conformed to FSCs as of July 2011
2950	2950	Conformed to FSCs as of July 2011
2990	2990	Conformed to FSCs as of July 2011
2995	2995	Conformed to FSCs as of July 2011
3010	3010	Conformed to FSCs as of July 2011
3020	3020	Conformed to FSCs as of July 2011
3030	3030	Conformed to FSCs as of July 2011
3040	3040	Conformed to FSCs as of July 2011
3110	3110	Conformed to FSCs as of July 2011
3120	3120	Conformed to FSCs as of July 2011
3130	3130	Conformed to FSCs as of July 2011
3210	3210	Conformed to FSCs as of July 2011

Previous PSC	Current PSC	Rationale
3220	3220	Conformed to FSCs as of July 2011
3230	3230	Conformed to FSCs as of July 2011
3405	3405	Conformed to FSCs as of July 2011
3408	3408	Conformed to FSCs as of July 2011
3410	3410	Conformed to FSCs as of July 2011
3411	3411	Conformed to FSCs as of July 2011
3412	3412	Conformed to FSCs as of July 2011
3413	3413	Conformed to FSCs as of July 2011
3414	3414	Conformed to FSCs as of July 2011
3415	3415	Conformed to FSCs as of July 2011
3416	3416	Conformed to FSCs as of July 2011
3417	3417	Conformed to FSCs as of July 2011
3418	3418	Conformed to FSCs as of July 2011
3419	3419	Conformed to FSCs as of July 2011
3422	3422	Conformed to FSCs as of July 2011
3424	3424	Conformed to FSCs as of July 2011
3426	3426	Conformed to FSCs as of July 2011
3431	3431	Conformed to FSCs as of July 2011
3432	3432	Conformed to FSCs as of July 2011
3433	3433	Conformed to FSCs as of July 2011
3436	3436	Conformed to FSCs as of July 2011
3438	3438	Conformed to FSCs as of July 2011
3439	3439	Conformed to FSCs as of July 2011
3441	3441	Conformed to FSCs as of July 2011
3442	3442	Conformed to FSCs as of July 2011
3443	3443	Conformed to FSCs as of July 2011
3444	3444	Conformed to FSCs as of July 2011
3445	3445	Conformed to FSCs as of July 2011
3446	3446	Conformed to FSCs as of July 2011
3447	3447	Conformed to FSCs as of July 2011
3448	3448	Conformed to FSCs as of July 2011
3449	3449	Conformed to FSCs as of July 2011
3450	3450	Conformed to FSCs as of July 2011
3455	3455	Conformed to FSCs as of July 2011
3456	3456	Conformed to FSCs as of July 2011
3460	3460	Conformed to FSCs as of July 2011
3461	3461	Conformed to FSCs as of July 2011
3465	3465	Conformed to FSCs as of July 2011
3470	3470	Conformed to FSCs as of July 2011
3510	3510	Conformed to FSCs as of July 2011

Previous PSC	Current PSC	Rationale
3520	3520	Conformed to FSCs as of July 2011
3530	3530	Conformed to FSCs as of July 2011
3540	3540	Conformed to FSCs as of July 2011
3550	3550	Conformed to FSCs as of July 2011
3590	3590	Conformed to FSCs as of July 2011
3605	3605	Conformed to FSCs as of July 2011
3610	3610	Conformed to FSCs as of July 2011
3611	3611	Conformed to FSCs as of July 2011
3615	3615	Conformed to FSCs as of July 2011
3620	3620	Conformed to FSCs as of July 2011
3625	3625	Conformed to FSCs as of July 2011
3630	3630	Conformed to FSCs as of July 2011
3635	3635	Conformed to FSCs as of July 2011
3640	3640	Conformed to FSCs as of July 2011
3645	3645	Conformed to FSCs as of July 2011
3650	3650	Conformed to FSCs as of July 2011
3655	3655	Conformed to FSCs as of July 2011
3660	3660	Conformed to FSCs as of July 2011
3670	3670	Conformed to FSCs as of July 2011
3680	3680	Conformed to FSCs as of July 2011
3685	3685	Conformed to FSCs as of July 2011
3690	3690	Conformed to FSCs as of July 2011
3693	3693	Conformed to FSCs as of July 2011
3694	3694	Conformed to FSCs as of July 2011
3695	3695	Conformed to FSCs as of July 2011
3710	3710	Conformed to FSCs as of July 2011
3720	3720	Conformed to FSCs as of July 2011
3730	3730	Conformed to FSCs as of July 2011
3740	3740	Conformed to FSCs as of July 2011
3750	3750	Conformed to FSCs as of July 2011
3760	3710	Ended--conform to FSCs as of July 2011 (covered by FSC 3710, 3720, 3750)
3760	3720	Ended--conform to FSCs as of July 2011 (covered by FSC 3710, 3720, 3750)
3760	3750	Ended--conform to FSCs as of July 2011 (covered by FSC 3710, 3720, 3750)
3770	3770	Conformed to FSCs as of July 2011
3805	3805	Conformed to FSCs as of July 2011
3810	3810	Conformed to FSCs as of July 2011
3815	3815	Conformed to FSCs as of July 2011
3820	3820	Conformed to FSCs as of July 2011
3825	3825	Conformed to FSCs as of July 2011
3830	3830	Conformed to FSCs as of July 2011

Previous PSC	Current PSC	Rationale
3835	3835	Conformed to FSCs as of July 2011
3895	3895	Conformed to FSCs as of July 2011
3910	3910	Conformed to FSCs as of July 2011
3915	3915	Conformed to FSCs as of July 2011
3920	3920	Conformed to FSCs as of July 2011
3930	3930	Conformed to FSCs as of July 2011
3940	3940	Conformed to FSCs as of July 2011
3950	3950	Conformed to FSCs as of July 2011
3960	3960	Conformed to FSCs as of July 2011
3990	3990	Conformed to FSCs as of July 2011
4010	4010	Conformed to FSCs as of July 2011
4020	4020	Conformed to FSCs as of July 2011
4030	4030	Conformed to FSCs as of July 2011
4110	4110	Conformed to FSCs as of July 2011
4120	4120	Conformed to FSCs as of July 2011
4130	4130	Conformed to FSCs as of July 2011
4140	4140	Conformed to FSCs as of July 2011
4150	4150	Conformed to FSCs as of July 2011
4210	4210	Conformed to FSCs as of July 2011
4220	4220	Conformed to FSCs as of July 2011
4230	4230	Conformed to FSCs as of July 2011
4235	4235	Conformed to FSCs as of July 2011
4240	4240	Conformed to FSCs as of July 2011
4250	4250	Conformed to FSCs as of July 2011
4310	4310	Conformed to FSCs as of July 2011
4320	4320	Conformed to FSCs as of July 2011
4330	4330	Conformed to FSCs as of July 2011
4410	4410	Conformed to FSCs as of July 2011
4420	4420	Conformed to FSCs as of July 2011
4430	4430	Conformed to FSCs as of July 2011
4440	4440	Conformed to FSCs as of July 2011
4460	4460	Conformed to FSCs as of July 2011
4470	4470	Conformed to FSCs as of July 2011
4510	4510	Conformed to FSCs as of July 2011
4520	4520	Conformed to FSCs as of July 2011
4530	4530	Conformed to FSCs as of July 2011
4540	4540	Conformed to FSCs as of July 2011
4610	4610	Conformed to FSCs as of July 2011
4620	4620	Conformed to FSCs as of July 2011
4630	4630	Conformed to FSCs as of July 2011

Previous PSC	Current PSC	Rationale
4710	4710	Conformed to FSCs as of July 2011
4720	4720	Conformed to FSCs as of July 2011
4730	4730	Conformed to FSCs as of July 2011
4810	4810	Conformed to FSCs as of July 2011
4820	4820	Conformed to FSCs as of July 2011
4910	4910	Conformed to FSCs as of July 2011
4920	4920	Conformed to FSCs as of July 2011
4921	4921	Conformed to FSCs as of July 2011
4923	4923	Conformed to FSCs as of July 2011
4925	4925	Conformed to FSCs as of July 2011
4927	4927	Conformed to FSCs as of July 2011
4930	4930	Conformed to FSCs as of July 2011
4931	4931	Conformed to FSCs as of July 2011
4933	4933	Conformed to FSCs as of July 2011
4935	4935	Conformed to FSCs as of July 2011
4940	4940	Conformed to FSCs as of July 2011
4960	4960	Conformed to FSCs as of July 2011
4970	4970	Conformed to FSCs as of July 2011
5110	5110	Conformed to FSCs as of July 2011
5120	5120	Conformed to FSCs as of July 2011
5130	5130	Conformed to FSCs as of July 2011
5133	5133	Conformed to FSCs as of July 2011
5136	5136	Conformed to FSCs as of July 2011
5140	5140	Conformed to FSCs as of July 2011
5180	5180	Conformed to FSCs as of July 2011
5210	5210	Conformed to FSCs as of July 2011
5220	5220	Conformed to FSCs as of July 2011
5280	5280	Conformed to FSCs as of July 2011
5305	5305	Conformed to FSCs as of July 2011
5306	5306	Conformed to FSCs as of July 2011
5307	5307	Conformed to FSCs as of July 2011
5310	5310	Conformed to FSCs as of July 2011
5315	5315	Conformed to FSCs as of July 2011
5320	5320	Conformed to FSCs as of July 2011
5325	5325	Conformed to FSCs as of July 2011
5330	5330	Conformed to FSCs as of July 2011
5331	5331	Conformed to FSCs as of July 2011
5335	5335	Conformed to FSCs as of July 2011
5340	5340	Conformed to FSCs as of July 2011
5341	5340	Ended--conform to FSCs as of July 2011 (covered in FSC 5340)

Previous PSC	Current PSC	Rationale
5342	5342	Conformed to FSCs as of July 2011
5345	5345	Conformed to FSCs as of July 2011
5350	5350	Conformed to FSCs as of July 2011
5355	5355	Conformed to FSCs as of July 2011
5360	5360	Conformed to FSCs as of July 2011
5365	5365	Conformed to FSCs as of July 2011
5410	5410	Conformed to FSCs as of July 2011
5411	5411	Conformed to FSCs as of July 2011
5419	5419	Conformed to FSCs as of July 2011
5420	5420	Conformed to FSCs as of July 2011
5430	5430	Conformed to FSCs as of July 2011
5440	5440	Conformed to FSCs as of July 2011
5445	5445	Conformed to FSCs as of July 2011
5450	5450	Conformed to FSCs as of July 2011
5510	5510	Conformed to FSCs as of July 2011
5520	5520	Conformed to FSCs as of July 2011
5530	5530	Conformed to FSCs as of July 2011
5610	5610	Conformed to FSCs as of July 2011
5620	5620	Conformed to FSCs as of July 2011
5630	5630	Conformed to FSCs as of July 2011
5640	5640	Conformed to FSCs as of July 2011
5650	5650	Conformed to FSCs as of July 2011
5660	5660	Conformed to FSCs as of July 2011
5670	5670	Conformed to FSCs as of July 2011
5675	5675	Conformed to FSCs as of July 2011
5680	5680	Conformed to FSCs as of July 2011
5805	5805	Conformed to FSCs as of July 2011
5810	5810	Conformed to FSCs as of July 2011
5811	5811	Conformed to FSCs as of July 2011
5815	5815	Conformed to FSCs as of July 2011
5820	5820	Conformed to FSCs as of July 2011
5821	5821	Conformed to FSCs as of July 2011
5825	5825	Conformed to FSCs as of July 2011
5826	5826	Conformed to FSCs as of July 2011
5830	5830	Conformed to FSCs as of July 2011
5831	5831	Conformed to FSCs as of July 2011
5835	5835	Conformed to FSCs as of July 2011
5836	5836	Conformed to FSCs as of July 2011
5840	5840	Conformed to FSCs as of July 2011
5841	5841	Conformed to FSCs as of July 2011

Previous PSC	Current PSC	Rationale
5845	5845	Conformed to FSCs as of July 2011
5850	5850	Conformed to FSCs as of July 2011
5855	5855	Conformed to FSCs as of July 2011
5860	5860	Conformed to FSCs as of July 2011
5865	5865	Conformed to FSCs as of July 2011
5895	5895	Conformed to FSCs as of July 2011
5905	5905	Conformed to FSCs as of July 2011
5910	5910	Conformed to FSCs as of July 2011
5915	5915	Conformed to FSCs as of July 2011
5920	5920	Conformed to FSCs as of July 2011
5925	5925	Conformed to FSCs as of July 2011
5930	5930	Conformed to FSCs as of July 2011
5935	5935	Conformed to FSCs as of July 2011
5940	5940	Conformed to FSCs as of July 2011
5945	5945	Conformed to FSCs as of July 2011
5950	5950	Conformed to FSCs as of July 2011
5955	5955	Conformed to FSCs as of July 2011
5960	5960	Conformed to FSCs as of July 2011
5961	5961	Conformed to FSCs as of July 2011
5962	5962	Conformed to FSCs as of July 2011
5963	5963	Conformed to FSCs as of July 2011
5965	5965	Conformed to FSCs as of July 2011
5970	5970	Conformed to FSCs as of July 2011
5975	5975	Conformed to FSCs as of July 2011
5977	5977	Conformed to FSCs as of July 2011
5980	5980	Conformed to FSCs as of July 2011
5985	5985	Conformed to FSCs as of July 2011
5990	5990	Conformed to FSCs as of July 2011
5995	5995	Conformed to FSCs as of July 2011
5996	5996	Conformed to FSCs as of July 2011
5998	5998	Conformed to FSCs as of July 2011
5999	5999	Conformed to FSCs as of July 2011
6004	6060	Ended--conform to FSCs as of July 2011 (covered in FSC 6060)
6005	6060	Ended--conform to FSCs as of July 2011 (covered in FSC 6060)
6006	6030	Ended--conform to FSCs as of July 2011 (covered in FSC 6030)
6007	6030	Ended--conform to FSCs as of July 2011 (covered in FSC 6030)
6008	6030	Ended--conform to FSCs as of July 2011 (covered in FSC 6030)
6010	6010	Conformed to FSCs as of July 2011
6015	6015	Conformed to FSCs as of July 2011
6020	6020	Conformed to FSCs as of July 2011

Previous PSC	Current PSC	Rationale
6021	6021	Conformed to FSCs as of July 2011
6025	6030	Ended--conform to FSCs as of July 2011 (covered in FSC 6030)
6026	6030	Ended--conform to FSCs as of July 2011 (covered in FSC 6030)
6029	6030	Ended--conform to FSCs as of July 2011 (covered in FSC 6030)
6030	6030	Conformed to FSCs as of July 2011
6031	6030	Ended--conform to FSCs as of July 2011 (covered in FSC 6030)
6032	6032	Conformed to FSCs as of July 2011
6033	6032	Ended--conform to FSCs as of July 2011 (covered in FSC 6032)
6034	6030	Ended--conform to FSCs as of July 2011 (covered in FSC 6030)
6035	6035	Conformed to FSCs as of July 2011
6040	6099	Ended--conform to FSCs as of July 2011 (covered in FSC 6099)
6050	6099	Ended--conform to FSCs as of July 2011 (covered in FSC 6099)
6060	6060	Conformed to FSCs as of July 2011
6070	6070	Conformed to FSCs as of July 2011
6080	6080	Conformed to FSCs as of July 2011
6099	6099	Conformed to FSCs as of July 2011
6105	6105	Conformed to FSCs as of July 2011
6110	6110	Conformed to FSCs as of July 2011
6115	6115	Conformed to FSCs as of July 2011
6116	6116	Conformed to FSCs as of July 2011
6117	6117	Conformed to FSCs as of July 2011
6120	6120	Conformed to FSCs as of July 2011
6125	6125	Conformed to FSCs as of July 2011
6130	6130	Conformed to FSCs as of July 2011
6135	6135	Conformed to FSCs as of July 2011
6140	6140	Conformed to FSCs as of July 2011
6145	6145	Conformed to FSCs as of July 2011
6150	6150	Conformed to FSCs as of July 2011
6160	6160	Conformed to FSCs as of July 2011
6210	6210	Conformed to FSCs as of July 2011
6220	6220	Conformed to FSCs as of July 2011
6230	6230	Conformed to FSCs as of July 2011
6240	6240	Conformed to FSCs as of July 2011
6250	6250	Conformed to FSCs as of July 2011
6260	6260	Conformed to FSCs as of July 2011
6310	6310	Conformed to FSCs as of July 2011
6320	6320	Conformed to FSCs as of July 2011
6330	6330	Conformed to FSCs as of July 2011
6340	6340	Conformed to FSCs as of July 2011
6350	6350	Conformed to FSCs as of July 2011

Previous PSC	Current PSC	Rationale
6505	6505	Conformed to FSCs as of July 2011
6506	----	Ended--conform to FSCs as of July 2011 (unsure where covered in FSCs)
6507	----	Ended--conform to FSCs as of July 2011 (unsure where covered in FSCs)
6508	6508	Conformed to FSCs as of July 2011
6509	6509	Conformed to FSCs as of July 2011
6510	6510	Conformed to FSCs as of July 2011
6515	6515	Conformed to FSCs as of July 2011
6520	6520	Conformed to FSCs as of July 2011
6525	6525	Conformed to FSCs as of July 2011
6530	6530	Conformed to FSCs as of July 2011
6532	6532	Conformed to FSCs as of July 2011
6540	6540	Conformed to FSCs as of July 2011
6545	6545	Conformed to FSCs as of July 2011
6550	6550	Conformed to FSCs as of July 2011
6605	6605	Conformed to FSCs as of July 2011
6610	6610	Conformed to FSCs as of July 2011
6615	6615	Conformed to FSCs as of July 2011
6620	6620	Conformed to FSCs as of July 2011
6625	6625	Conformed to FSCs as of July 2011
6630	6630	Conformed to FSCs as of July 2011
6635	6635	Conformed to FSCs as of July 2011
6636	6636	Conformed to FSCs as of July 2011
6640	6640	Conformed to FSCs as of July 2011
6645	6645	Conformed to FSCs as of July 2011
6650	6650	Conformed to FSCs as of July 2011
6655	6655	Conformed to FSCs as of July 2011
6660	6660	Conformed to FSCs as of July 2011
6665	6665	Conformed to FSCs as of July 2011
6670	6670	Conformed to FSCs as of July 2011
6675	6675	Conformed to FSCs as of July 2011
6680	6680	Conformed to FSCs as of July 2011
6685	6685	Conformed to FSCs as of July 2011
6695	6695	Conformed to FSCs as of July 2011
6710	6710	Conformed to FSCs as of July 2011
6720	6720	Conformed to FSCs as of July 2011
6730	6730	Conformed to FSCs as of July 2011
6740	6740	Conformed to FSCs as of July 2011
6750	6750	Conformed to FSCs as of July 2011
6760	6760	Conformed to FSCs as of July 2011
6770	6770	Conformed to FSCs as of July 2011

Previous PSC	Current PSC	Rationale
6780	6780	Conformed to FSCs as of July 2011
6810	6810	Conformed to FSCs as of July 2011
6820	6820	Conformed to FSCs as of July 2011
6830	6830	Conformed to FSCs as of July 2011
6840	6840	Conformed to FSCs as of July 2011
6850	6850	Conformed to FSCs as of July 2011
6910	6910	Conformed to FSCs as of July 2011
6920	6920	Conformed to FSCs as of July 2011
6930	6930	Conformed to FSCs as of July 2011
6940	6940	Conformed to FSCs as of July 2011
7010	7010	Conformed to FSCs as of July 2011
7020	7020	Conformed to FSCs as of July 2011
7021	7021	Conformed to FSCs as of July 2011
7022	7022	Conformed to FSCs as of July 2011
7025	7025	Conformed to FSCs as of July 2011
7030	7030	Conformed to FSCs as of July 2011
7035	7035	Conformed to FSCs as of July 2011
7040	7040	Conformed to FSCs as of July 2011
7042	7042	Conformed to FSCs as of July 2011
7045	7045	Conformed to FSCs as of July 2011
7050	7050	Conformed to FSCs as of July 2011
7105	7105	Conformed to FSCs as of July 2011
7110	7110	Conformed to FSCs as of July 2011
7125	7125	Conformed to FSCs as of July 2011
7195	7195	Conformed to FSCs as of July 2011
7210	7210	Conformed to FSCs as of July 2011
7220	7220	Conformed to FSCs as of July 2011
7230	7230	Conformed to FSCs as of July 2011
7240	7240	Conformed to FSCs as of July 2011
7290	7290	Conformed to FSCs as of July 2011
7310	7310	Conformed to FSCs as of July 2011
7320	7320	Conformed to FSCs as of July 2011
7330	7330	Conformed to FSCs as of July 2011
7340	7340	Conformed to FSCs as of July 2011
7350	7350	Conformed to FSCs as of July 2011
7360	7360	Conformed to FSCs as of July 2011
7420	7420	Conformed to FSCs as of July 2011
7430	7430	Conformed to FSCs as of July 2011
7435	7435	Conformed to FSCs as of July 2011
7450	7450	Conformed to FSCs as of July 2011

Previous PSC	Current PSC	Rationale
7460	7460	Conformed to FSCs as of July 2011
7490	7490	Conformed to FSCs as of July 2011
7510	7510	Conformed to FSCs as of July 2011
7520	7520	Conformed to FSCs as of July 2011
7530	7530	Conformed to FSCs as of July 2011
7540	7540	Conformed to FSCs as of July 2011
7610	7610	Conformed to FSCs as of July 2011
7630	7630	Conformed to FSCs as of July 2011
7640	7640	Conformed to FSCs as of July 2011
7641	7641	Conformed to FSCs as of July 2011
7642	7642	Conformed to FSCs as of July 2011
7643	7643	Conformed to FSCs as of July 2011
7644	7644	Conformed to FSCs as of July 2011
7650	7650	Conformed to FSCs as of July 2011
7660	7660	Conformed to FSCs as of July 2011
7670	7670	Conformed to FSCs as of July 2011
7690	7690	Conformed to FSCs as of July 2011
7710	7710	Conformed to FSCs as of July 2011
7720	7720	Conformed to FSCs as of July 2011
7730	7730	Conformed to FSCs as of July 2011
7735	7735	Conformed to FSCs as of July 2011
7740	7740	Conformed to FSCs as of July 2011
7810	7810	Conformed to FSCs as of July 2011
7820	7820	Conformed to FSCs as of July 2011
7830	7830	Conformed to FSCs as of July 2011
7910	7910	Conformed to FSCs as of July 2011
7920	7920	Conformed to FSCs as of July 2011
7930	7930	Conformed to FSCs as of July 2011
8010	8010	Conformed to FSCs as of July 2011
8020	8020	Conformed to FSCs as of July 2011
8030	8030	Conformed to FSCs as of July 2011
8040	8040	Conformed to FSCs as of July 2011
8105	8105	Conformed to FSCs as of July 2011
8110	8110	Conformed to FSCs as of July 2011
8115	8115	Conformed to FSCs as of July 2011
8120	8120	Conformed to FSCs as of July 2011
8125	8125	Conformed to FSCs as of July 2011
8130	8130	Conformed to FSCs as of July 2011
8135	8135	Conformed to FSCs as of July 2011
8140	8140	Conformed to FSCs as of July 2011

Previous PSC	Current PSC	Rationale
8145	8145	Conformed to FSCs as of July 2011
8305	8305	Conformed to FSCs as of July 2011
8310	8310	Conformed to FSCs as of July 2011
8315	8315	Conformed to FSCs as of July 2011
8320	8320	Conformed to FSCs as of July 2011
8325	8325	Conformed to FSCs as of July 2011
8330	8330	Conformed to FSCs as of July 2011
8335	8335	Conformed to FSCs as of July 2011
8340	8340	Conformed to FSCs as of July 2011
8345	8345	Conformed to FSCs as of July 2011
8405	8405	Conformed to FSCs as of July 2011
8410	8410	Conformed to FSCs as of July 2011
8415	8415	Conformed to FSCs as of July 2011
8420	8420	Conformed to FSCs as of July 2011
8425	8425	Conformed to FSCs as of July 2011
8430	8430	Conformed to FSCs as of July 2011
8435	8435	Conformed to FSCs as of July 2011
8440	8440	Conformed to FSCs as of July 2011
8445	8445	Conformed to FSCs as of July 2011
8450	8450	Conformed to FSCs as of July 2011
8455	8455	Conformed to FSCs as of July 2011
8460	8460	Conformed to FSCs as of July 2011
8465	8465	Conformed to FSCs as of July 2011
8470	8470	Conformed to FSCs as of July 2011
8475	8475	Conformed to FSCs as of July 2011
8510	8510	Conformed to FSCs as of July 2011
8520	8520	Conformed to FSCs as of July 2011
8530	8530	Conformed to FSCs as of July 2011
8540	8540	Conformed to FSCs as of July 2011
8710	8710	Conformed to FSCs as of July 2011
8720	8720	Conformed to FSCs as of July 2011
8730	8730	Conformed to FSCs as of July 2011
8810	8810	Conformed to FSCs as of July 2011
8820	8820	Conformed to FSCs as of July 2011
8900	----	Ended--conform to FSCs as of July 2011 (unsure where covered in FSCs)
8905	8905	Conformed to FSCs as of July 2011
8910	8910	Conformed to FSCs as of July 2011
8915	8915	Conformed to FSCs as of July 2011
8920	8920	Conformed to FSCs as of July 2011
8925	8925	Conformed to FSCs as of July 2011

Previous PSC	Current PSC	Rationale
8930	8930	Conformed to FSCs as of July 2011
8935	8935	Conformed to FSCs as of July 2011
8940	8940	Conformed to FSCs as of July 2011
8945	8945	Conformed to FSCs as of July 2011
8950	8950	Conformed to FSCs as of July 2011
8955	8955	Conformed to FSCs as of July 2011
8960	8960	Conformed to FSCs as of July 2011
8965	8965	Conformed to FSCs as of July 2011
8970	8970	Conformed to FSCs as of July 2011
8975	8975	Conformed to FSCs as of July 2011
8999	----	Ended--conform to FSCs as of July 2011 (unsure where covered in FSCs)
9110	9110	Conformed to FSCs as of July 2011
9130	9130	Conformed to FSCs as of July 2011
9135	9135	Conformed to FSCs as of July 2011
9140	9140	Conformed to FSCs as of July 2011
9150	9150	Conformed to FSCs as of July 2011
9160	9160	Conformed to FSCs as of July 2011
9310	9310	Conformed to FSCs as of July 2011
9320	9320	Conformed to FSCs as of July 2011
9330	9330	Conformed to FSCs as of July 2011
9340	9340	Conformed to FSCs as of July 2011
9350	9350	Conformed to FSCs as of July 2011
9390	9390	Conformed to FSCs as of July 2011
9410	9410	Conformed to FSCs as of July 2011
9420	9420	Conformed to FSCs as of July 2011
9430	9430	Conformed to FSCs as of July 2011
9440	9440	Conformed to FSCs as of July 2011
9450	9450	Conformed to FSCs as of July 2011
9505	9505	Conformed to FSCs as of July 2011
9510	9510	Conformed to FSCs as of July 2011
9515	9515	Conformed to FSCs as of July 2011
9520	9520	Conformed to FSCs as of July 2011
9525	9525	Conformed to FSCs as of July 2011
9530	9530	Conformed to FSCs as of July 2011
9535	9535	Conformed to FSCs as of July 2011
9540	9540	Conformed to FSCs as of July 2011
9545	9545	Conformed to FSCs as of July 2011
9610	9610	Conformed to FSCs as of July 2011
9620	9620	Conformed to FSCs as of July 2011
9630	9630	Conformed to FSCs as of July 2011

Previous PSC	Current PSC	Rationale
9640	9640	Conformed to FSCs as of July 2011
9650	9650	Conformed to FSCs as of July 2011
9660	9660	Conformed to FSCs as of July 2011
9670	9670	Conformed to FSCs as of July 2011
9680	9680	Conformed to FSCs as of July 2011
9905	9905	Conformed to FSCs as of July 2011
9910	9910	Conformed to FSCs as of July 2011
9915	9915	Conformed to FSCs as of July 2011
9920	9920	Conformed to FSCs as of July 2011
9925	9925	Conformed to FSCs as of July 2011
9930	9930	Conformed to FSCs as of July 2011
9998	----	Ended--conform to FSCs as of July 2011 (unsure where covered in FSCs)
9999	9999	Conformed to FSCs as of July 2011
----	8150	Added to conform to FSCs as of July 2011
----	C1MH	Added missing service
----	C220	Added missing service
----	C221	Added missing service
----	C222	Added missing service
----	C223	Added missing service
----	D318	Added missing service
----	D319	Added missing service
----	D320	Added missing service
----	D321	Added missing service
----	D322	Added missing service
----	D324	Added missing service
----	D325	Added missing service
----	E1MH	Added missing service
----	F113	Added missing service
----	F114	Added missing service
----	F115	Added missing service
----	M1MH	Added missing service
----	R429	Added missing service
----	R430	Added missing service
----	R431	Added missing service
----	R615	Added missing service
----	U013	Added missing service (blog #109A)
----	U014	Added missing service (blog #109b)
----	V228	Added missing service
----	V229	Added missing service
----	X1MH	Added missing service

Previous PSC	Current PSC	Rationale
----	Y1MH	Added missing service
----	Z1MH	Added missing service
----	Z2MH	Added missing service
AA11	AA11	Expanded name for clarity
AA12	AA12	Expanded name for clarity
AA13	AA13	Expanded name for clarity
AA14	AA14	Expanded name for clarity
AA15	AA15	Expanded name for clarity
AA16	AA16	Expanded name for clarity
AA17	AA17	Expanded name for clarity
AA21	AA21	Expanded name for clarity
AA22	AA22	Expanded name for clarity
AA23	AA23	Expanded name for clarity
AA24	AA24	Expanded name for clarity
AA25	AA25	Expanded name for clarity
AA26	AA26	Expanded name for clarity
AA27	AA27	Expanded name for clarity
AA31	AA31	Expanded name for clarity
AA32	AA32	Expanded name for clarity
AA33	AA33	Expanded name for clarity
AA34	AA34	Expanded name for clarity
AA35	AA35	Expanded name for clarity
AA36	AA36	Expanded name for clarity
AA37	AA37	Expanded name for clarity
AA47	----	Ended--rest of group deleted previously
AA91	AA91	Expanded name for clarity
AA92	AA92	Expanded name for clarity
AA93	AA93	Expanded name for clarity
AA94	AA94	Expanded name for clarity
AA95	AA95	Expanded name for clarity
AA96	AA96	Expanded name for clarity
AA97	AA97	Expanded name for clarity
AB11	AB11	Expanded name for clarity
AB12	AB12	Expanded name for clarity
AB13	AB13	Expanded name for clarity
AB14	AB14	Expanded name for clarity
AB15	AB15	Expanded name for clarity
AB16	AB16	Expanded name for clarity
AB17	AB17	Expanded name for clarity
AB21	AB21	Expanded name for clarity

Previous PSC	Current PSC	Rationale
AB22	AB22	Expanded name for clarity
AB23	AB23	Expanded name for clarity
AB24	AB24	Expanded name for clarity
AB25	AB25	Expanded name for clarity
AB26	AB26	Expanded name for clarity
AB27	AB27	Expanded name for clarity
AB31	AB31	Expanded name for clarity
AB32	AB32	Expanded name for clarity
AB33	AB33	Expanded name for clarity
AB34	AB34	Expanded name for clarity
AB35	AB35	Expanded name for clarity
AB36	AB36	Expanded name for clarity
AB37	AB37	Expanded name for clarity
AB41	AB41	Expanded name for clarity
AB42	AB42	Expanded name for clarity
AB43	AB43	Expanded name for clarity
AB44	AB44	Expanded name for clarity
AB45	AB45	Expanded name for clarity
AB46	AB46	Expanded name for clarity
AB47	AB47	Expanded name for clarity
AB91	AB91	Expanded name for clarity
AB92	AB92	Expanded name for clarity
AB93	AB93	Expanded name for clarity
AB94	AB94	Expanded name for clarity
AB95	AB95	Expanded name for clarity
AB96	AB96	Expanded name for clarity
AB97	AB97	Expanded name for clarity
AC11	AC11	Expanded name for clarity
AC12	AC12	Expanded name for clarity
AC13	AC13	Expanded name for clarity
AC14	AC14	Expanded name for clarity
AC15	AC15	Expanded name for clarity
AC16	AC16	Expanded name for clarity
AC17	AC17	Expanded name for clarity
AC21	AC21	Expanded name for clarity
AC22	AC22	Expanded name for clarity
AC23	AC23	Expanded name for clarity
AC24	AC24	Expanded name for clarity
AC25	AC25	Expanded name for clarity
AC26	AC26	Expanded name for clarity

Previous PSC	Current PSC	Rationale
AC27	AC27	Expanded name for clarity
AC31	AC31	Expanded name for clarity
AC32	AC32	Expanded name for clarity
AC33	AC33	Expanded name for clarity
AC34	AC34	Expanded name for clarity
AC35	AC35	Expanded name for clarity
AC36	AC36	Expanded name for clarity
AC37	AC37	Expanded name for clarity
AC41	AC41	Expanded name for clarity
AC42	AC42	Expanded name for clarity
AC43	AC43	Expanded name for clarity
AC44	AC44	Expanded name for clarity
AC45	AC45	Expanded name for clarity
AC46	AC46	Expanded name for clarity
AC47	AC47	Expanded name for clarity
AC51	AC51	Expanded name for clarity
AC52	AC52	Expanded name for clarity
AC53	AC53	Expanded name for clarity
AC54	AC54	Expanded name for clarity
AC55	AC55	Expanded name for clarity
AC56	AC56	Expanded name for clarity
AC57	AC57	Expanded name for clarity
AC61	AC61	Expanded name for clarity
AC62	AC62	Expanded name for clarity
AC63	AC63	Expanded name for clarity
AC64	AC64	Expanded name for clarity
AC65	AC65	Expanded name for clarity
AC66	AC66	Expanded name for clarity
AC67	AC67	Expanded name for clarity
AC91	AC91	Expanded name for clarity
AC92	AC92	Expanded name for clarity
AC93	AC93	Expanded name for clarity
AC94	AC94	Expanded name for clarity
AC95	AC95	Expanded name for clarity
AC96	AC96	Expanded name for clarity
AC97	AC97	Expanded name for clarity
AD11	AD11	Expanded name for clarity
AD12	AD12	Expanded name for clarity
AD13	AD13	Expanded name for clarity
AD14	AD14	Expanded name for clarity

Previous PSC	Current PSC	Rationale
AD15	AD15	Expanded name for clarity
AD16	AD16	Expanded name for clarity
AD17	AD17	Expanded name for clarity
AD21	AD21	Expanded name for clarity
AD22	AD22	Expanded name for clarity
AD23	AD23	Expanded name for clarity
AD24	AD24	Expanded name for clarity
AD25	AD25	Expanded name for clarity
AD26	AD26	Expanded name for clarity
AD27	AD27	Expanded name for clarity
AD31	AD31	Expanded name for clarity
AD32	AD32	Expanded name for clarity
AD33	AD33	Expanded name for clarity
AD34	AD34	Expanded name for clarity
AD35	AD35	Expanded name for clarity
AD36	AD36	Expanded name for clarity
AD37	AD37	Expanded name for clarity
AD41	AD41	Expanded name for clarity
AD42	AD42	Expanded name for clarity
AD43	AD43	Expanded name for clarity
AD44	AD44	Expanded name for clarity
AD45	AD45	Expanded name for clarity
AD46	AD46	Expanded name for clarity
AD47	AD47	Expanded name for clarity
AD51	AD51	Expanded name for clarity
AD52	AD52	Expanded name for clarity
AD53	AD53	Expanded name for clarity
AD54	AD54	Expanded name for clarity
AD55	AD55	Expanded name for clarity
AD56	AD56	Expanded name for clarity
AD57	AD57	Expanded name for clarity
AD61	AD61	Expanded name for clarity
AD62	AD62	Expanded name for clarity
AD63	AD63	Expanded name for clarity
AD64	AD64	Expanded name for clarity
AD65	AD65	Expanded name for clarity
AD66	AD66	Expanded name for clarity
AD67	AD67	Expanded name for clarity
AD91	AD91	Expanded name for clarity
AD92	AD92	Expanded name for clarity

Previous PSC	Current PSC	Rationale
AD93	AD93	Expanded name for clarity
AD94	AD94	Expanded name for clarity
AD95	AD95	Expanded name for clarity
AD96	AD96	Expanded name for clarity
AD97	AD97	Expanded name for clarity
AE11	AE11	Expanded name for clarity
AE12	AE12	Expanded name for clarity
AE13	AE13	Expanded name for clarity
AE14	AE14	Expanded name for clarity
AE15	AE15	Expanded name for clarity
AE16	AE16	Expanded name for clarity
AE17	AE17	Expanded name for clarity
AE21	AE21	Expanded name for clarity
AE22	AE22	Expanded name for clarity
AE23	AE23	Expanded name for clarity
AE24	AE24	Expanded name for clarity
AE25	AE25	Expanded name for clarity
AE26	AE26	Expanded name for clarity
AE27	AE27	Expanded name for clarity
AE31	AE31	Expanded name for clarity
AE32	AE32	Expanded name for clarity
AE33	AE33	Expanded name for clarity
AE34	AE34	Expanded name for clarity
AE35	AE35	Expanded name for clarity
AE36	AE36	Expanded name for clarity
AE37	AE37	Expanded name for clarity
AE91	AE91	Expanded name for clarity
AE92	AE92	Expanded name for clarity
AE93	AE93	Expanded name for clarity
AE94	AE94	Expanded name for clarity
AE95	AE95	Expanded name for clarity
AE96	AE96	Expanded name for clarity
AE97	AE97	Expanded name for clarity
AF11	AF11	Expanded name for clarity
AF12	AF12	Expanded name for clarity
AF13	AF13	Expanded name for clarity
AF14	AF14	Expanded name for clarity
AF15	AF15	Expanded name for clarity
AF16	AF16	Expanded name for clarity
AF17	AF17	Expanded name for clarity

Previous PSC	Current PSC	Rationale
AG11	AG11	Expanded name for clarity
AG12	AG12	Expanded name for clarity
AG13	AG13	Expanded name for clarity
AG14	AG14	Expanded name for clarity
AG15	AG15	Expanded name for clarity
AG16	AG16	Expanded name for clarity
AG17	AG17	Expanded name for clarity
AG21	AG21	Expanded name for clarity
AG22	AG22	Expanded name for clarity
AG23	AG23	Expanded name for clarity
AG24	AG24	Expanded name for clarity
AG25	AG25	Expanded name for clarity
AG26	AG26	Expanded name for clarity
AG27	AG27	Expanded name for clarity
AG31	AG31	Expanded name for clarity
AG32	AG32	Expanded name for clarity
AG33	AG33	Expanded name for clarity
AG34	AG34	Expanded name for clarity
AG35	AG35	Expanded name for clarity
AG36	AG36	Expanded name for clarity
AG37	AG37	Expanded name for clarity
AG41	AG41	Expanded name for clarity
AG42	AG42	Expanded name for clarity
AG43	AG43	Expanded name for clarity
AG44	AG44	Expanded name for clarity
AG45	AG45	Expanded name for clarity
AG46	AG46	Expanded name for clarity
AG47	AG47	Expanded name for clarity
AG51	AG51	Expanded name for clarity
AG52	AG52	Expanded name for clarity
AG53	AG53	Expanded name for clarity
AG54	AG54	Expanded name for clarity
AG55	AG55	Expanded name for clarity
AG56	AG56	Expanded name for clarity
AG57	AG57	Expanded name for clarity
AG61	AG61	Expanded name for clarity
AG62	AG62	Expanded name for clarity
AG63	AG63	Expanded name for clarity
AG64	AG64	Expanded name for clarity
AG65	AG65	Expanded name for clarity

Previous PSC	Current PSC	Rationale
AG66	AG66	Expanded name for clarity
AG67	AG67	Expanded name for clarity
AG71	AG71	Expanded name for clarity
AG72	AG72	Expanded name for clarity
AG73	AG73	Expanded name for clarity
AG74	AG74	Expanded name for clarity
AG75	AG75	Expanded name for clarity
AG76	AG76	Expanded name for clarity
AG77	AG77	Expanded name for clarity
AG81	AG81	Expanded name for clarity
AG82	AG82	Expanded name for clarity
AG83	AG83	Expanded name for clarity
AG84	AG84	Expanded name for clarity
AG85	AG85	Expanded name for clarity
AG86	AG86	Expanded name for clarity
AG87	AG87	Expanded name for clarity
AG91	AG91	Expanded name for clarity
AG92	AG92	Expanded name for clarity
AG93	AG93	Expanded name for clarity
AG94	AG94	Expanded name for clarity
AG95	AG95	Expanded name for clarity
AG96	AG96	Expanded name for clarity
AG97	AG97	Expanded name for clarity
AH11	AH11	Expanded name for clarity
AH12	AH12	Expanded name for clarity
AH13	AH13	Expanded name for clarity
AH14	AH14	Expanded name for clarity
AH15	AH15	Expanded name for clarity
AH16	AH16	Expanded name for clarity
AH17	AH17	Expanded name for clarity
AH21	AH21	Expanded name for clarity
AH22	AH22	Expanded name for clarity
AH23	AH23	Expanded name for clarity
AH24	AH24	Expanded name for clarity
AH25	AH25	Expanded name for clarity
AH26	AH26	Expanded name for clarity
AH27	AH27	Expanded name for clarity
AH31	AH31	Expanded name for clarity
AH32	AH32	Expanded name for clarity
AH33	AH33	Expanded name for clarity

Previous PSC	Current PSC	Rationale
AH34	AH34	Expanded name for clarity
AH35	AH35	Expanded name for clarity
AH36	AH36	Expanded name for clarity
AH37	AH37	Expanded name for clarity
AH41	AH41	Expanded name for clarity
AH42	AH42	Expanded name for clarity
AH43	AH43	Expanded name for clarity
AH44	AH44	Expanded name for clarity
AH45	AH45	Expanded name for clarity
AH46	AH46	Expanded name for clarity
AH47	AH47	Expanded name for clarity
AH57	----	Ended--rest of group deleted previously
AH91	AH91	Expanded name for clarity
AH92	AH92	Expanded name for clarity
AH93	AH93	Expanded name for clarity
AH94	AH94	Expanded name for clarity
AH95	AH95	Expanded name for clarity
AH96	AH96	Expanded name for clarity
AH97	AH97	Expanded name for clarity
AJ11	AJ11	Expanded name for clarity
AJ12	AJ12	Expanded name for clarity
AJ13	AJ13	Expanded name for clarity
AJ14	AJ14	Expanded name for clarity
AJ15	AJ15	Expanded name for clarity
AJ16	AJ16	Expanded name for clarity
AJ17	AJ17	Expanded name for clarity
AJ21	AJ21	Expanded name for clarity
AJ22	AJ22	Expanded name for clarity
AJ23	AJ23	Expanded name for clarity
AJ24	AJ24	Expanded name for clarity
AJ25	AJ25	Expanded name for clarity
AJ26	AJ26	Expanded name for clarity
AJ27	AJ27	Expanded name for clarity
AJ31	AJ31	Expanded name for clarity
AJ32	AJ32	Expanded name for clarity
AJ33	AJ33	Expanded name for clarity
AJ34	AJ34	Expanded name for clarity
AJ35	AJ35	Expanded name for clarity
AJ36	AJ36	Expanded name for clarity
AJ37	AJ37	Expanded name for clarity

Previous PSC	Current PSC	Rationale
AJ41	AJ41	Expanded name for clarity
AJ42	AJ42	Expanded name for clarity
AJ43	AJ43	Expanded name for clarity
AJ44	AJ44	Expanded name for clarity
AJ45	AJ45	Expanded name for clarity
AJ46	AJ46	Expanded name for clarity
AJ47	AJ47	Expanded name for clarity
AJ51	AJ51	Expanded name for clarity
AJ52	AJ52	Expanded name for clarity
AJ53	AJ53	Expanded name for clarity
AJ54	AJ54	Expanded name for clarity
AJ55	AJ55	Expanded name for clarity
AJ56	AJ56	Expanded name for clarity
AJ57	AJ57	Expanded name for clarity
AJ61	AJ61	Expanded name for clarity
AJ62	AJ62	Expanded name for clarity
AJ63	AJ63	Expanded name for clarity
AJ64	AJ64	Expanded name for clarity
AJ65	AJ65	Expanded name for clarity
AJ66	AJ66	Expanded name for clarity
AJ67	AJ67	Expanded name for clarity
AJ71	AJ71	Expanded name for clarity
AJ72	AJ72	Expanded name for clarity
AJ73	AJ73	Expanded name for clarity
AJ74	AJ74	Expanded name for clarity
AJ75	AJ75	Expanded name for clarity
AJ76	AJ76	Expanded name for clarity
AJ77	AJ77	Expanded name for clarity
AJ91	AJ91	Expanded name for clarity
AJ92	AJ92	Expanded name for clarity
AJ93	AJ93	Expanded name for clarity
AJ94	AJ94	Expanded name for clarity
AJ95	AJ95	Expanded name for clarity
AJ96	AJ96	Expanded name for clarity
AJ97	AJ97	Expanded name for clarity
AK11	AK11	Expanded name for clarity
AK12	AK12	Expanded name for clarity
AK13	AK13	Expanded name for clarity
AK14	AK14	Expanded name for clarity
AK15	AK15	Expanded name for clarity

Previous PSC	Current PSC	Rationale
AK16	AK16	Expanded name for clarity
AK17	AK17	Expanded name for clarity
AL11	AL11	Expanded name for clarity
AL12	AL12	Expanded name for clarity
AL13	AL13	Expanded name for clarity
AL14	AL14	Expanded name for clarity
AL15	AL15	Expanded name for clarity
AL16	AL16	Expanded name for clarity
AL17	AL17	Expanded name for clarity
AL21	AL21	Expanded name for clarity
AL22	AL22	Expanded name for clarity
AL23	AL23	Expanded name for clarity
AL24	AL24	Expanded name for clarity
AL25	AL25	Expanded name for clarity
AL26	AL26	Expanded name for clarity
AL27	AL27	Expanded name for clarity
AL91	AL91	Expanded name for clarity
AL92	AL92	Expanded name for clarity
AL93	AL93	Expanded name for clarity
AL94	AL94	Expanded name for clarity
AL95	AL95	Expanded name for clarity
AL96	AL96	Expanded name for clarity
AL97	AL97	Expanded name for clarity
AM11	AM11	Expanded name for clarity
AM12	AM12	Expanded name for clarity
AM13	AM13	Expanded name for clarity
AM14	AM14	Expanded name for clarity
AM15	AM15	Expanded name for clarity
AM16	AM16	Expanded name for clarity
AM17	AM17	Expanded name for clarity
AN11	AN11	Expanded name for clarity
AN12	AN12	Expanded name for clarity
AN13	AN13	Expanded name for clarity
AN14	AN14	Expanded name for clarity
AN15	AN15	Expanded name for clarity
AN16	AN16	Expanded name for clarity
AN17	AN17	Expanded name for clarity
AN21	AN21	Expanded name for clarity
AN22	AN22	Expanded name for clarity
AN23	AN23	Expanded name for clarity

Previous PSC	Current PSC	Rationale
AN24	AN24	Expanded name for clarity
AN25	AN25	Expanded name for clarity
AN26	AN26	Expanded name for clarity
AN27	AN27	Expanded name for clarity
AN31	AN31	Expanded name for clarity
AN32	AN32	Expanded name for clarity
AN33	AN33	Expanded name for clarity
AN34	AN34	Expanded name for clarity
AN35	AN35	Expanded name for clarity
AN36	AN36	Expanded name for clarity
AN37	AN37	Expanded name for clarity
AN41	AN41	Expanded name for clarity
AN42	AN42	Expanded name for clarity
AN43	AN43	Expanded name for clarity
AN44	AN44	Expanded name for clarity
AN45	AN45	Expanded name for clarity
AN46	AN46	Expanded name for clarity
AN47	AN47	Expanded name for clarity
AN51	AN51	Expanded name for clarity
AN52	AN52	Expanded name for clarity
AN53	AN53	Expanded name for clarity
AN54	AN54	Expanded name for clarity
AN55	AN55	Expanded name for clarity
AN56	AN56	Expanded name for clarity
AN57	AN57	Expanded name for clarity
AN61	AN61	Expanded name for clarity
AN62	AN62	Expanded name for clarity
AN63	AN63	Expanded name for clarity
AN64	AN64	Expanded name for clarity
AN65	AN65	Expanded name for clarity
AN66	AN66	Expanded name for clarity
AN67	AN67	Expanded name for clarity
AN71	AN71	Expanded name for clarity
AN72	AN72	Expanded name for clarity
AN73	AN73	Expanded name for clarity
AN74	AN74	Expanded name for clarity
AN75	AN75	Expanded name for clarity
AN76	AN76	Expanded name for clarity
AN77	AN77	Expanded name for clarity
AN81	AN81	Expanded name for clarity

Previous PSC	Current PSC	Rationale
AN82	AN82	Expanded name for clarity
AN83	AN83	Expanded name for clarity
AN84	AN84	Expanded name for clarity
AN85	AN85	Expanded name for clarity
AN86	AN86	Expanded name for clarity
AN87	AN87	Expanded name for clarity
AN91	AN91	Expanded name for clarity
AN92	AN92	Expanded name for clarity
AN93	AN93	Expanded name for clarity
AN94	AN94	Expanded name for clarity
AN95	AN95	Expanded name for clarity
AN96	AN96	Expanded name for clarity
AN97	AN97	Expanded name for clarity
AP17	----	Ended--rest of group deleted previously
AP21	AP21	Expanded name for clarity
AP22	AP22	Expanded name for clarity
AP23	AP23	Expanded name for clarity
AP24	AP24	Expanded name for clarity
AP25	AP25	Expanded name for clarity
AP26	AP26	Expanded name for clarity
AP27	AP27	Expanded name for clarity
AP31	AP31	Expanded name for clarity
AP32	AP32	Expanded name for clarity
AP33	AP33	Expanded name for clarity
AP34	AP34	Expanded name for clarity
AP35	AP35	Expanded name for clarity
AP36	AP36	Expanded name for clarity
AP37	AP37	Expanded name for clarity
AP41	AP41	Expanded name for clarity
AP42	AP42	Expanded name for clarity
AP43	AP43	Expanded name for clarity
AP44	AP44	Expanded name for clarity
AP45	AP45	Expanded name for clarity
AP46	AP46	Expanded name for clarity
AP47	AP47	Expanded name for clarity
AP51	AP51	Expanded name for clarity
AP52	AP52	Expanded name for clarity
AP53	AP53	Expanded name for clarity
AP54	AP54	Expanded name for clarity
AP55	AP55	Expanded name for clarity

Previous PSC	Current PSC	Rationale
AP56	AP56	Expanded name for clarity
AP57	AP57	Expanded name for clarity
AP61	AP61	Expanded name for clarity
AP62	AP62	Expanded name for clarity
AP63	AP63	Expanded name for clarity
AP64	AP64	Expanded name for clarity
AP65	AP65	Expanded name for clarity
AP66	AP66	Expanded name for clarity
AP67	AP67	Expanded name for clarity
AP71	AP71	Expanded name for clarity
AP72	AP72	Expanded name for clarity
AP73	AP73	Expanded name for clarity
AP74	AP74	Expanded name for clarity
AP75	AP75	Expanded name for clarity
AP76	AP76	Expanded name for clarity
AP77	AP77	Expanded name for clarity
AP91	AP91	Expanded name for clarity
AP92	AP92	Expanded name for clarity
AP93	AP93	Expanded name for clarity
AP94	AP94	Expanded name for clarity
AP95	AP95	Expanded name for clarity
AP96	AP96	Expanded name for clarity
AP97	AP97	Expanded name for clarity
AQ11	AQ11	Expanded name for clarity
AQ12	AQ12	Expanded name for clarity
AQ13	AQ13	Expanded name for clarity
AQ14	AQ14	Expanded name for clarity
AQ15	AQ15	Expanded name for clarity
AQ16	AQ16	Expanded name for clarity
AQ17	AQ17	Expanded name for clarity
AQ91	AQ91	Expanded name for clarity
AQ92	AQ92	Expanded name for clarity
AQ93	AQ93	Expanded name for clarity
AQ94	AQ94	Expanded name for clarity
AQ95	AQ95	Expanded name for clarity
AQ96	AQ96	Expanded name for clarity
AQ97	AQ97	Expanded name for clarity
AR11	AR11	Expanded name for clarity
AR12	AR12	Expanded name for clarity
AR13	AR13	Expanded name for clarity

Previous PSC	Current PSC	Rationale
AR14	AR14	Expanded name for clarity
AR15	AR15	Expanded name for clarity
AR16	AR16	Expanded name for clarity
AR17	AR17	Expanded name for clarity
AR21	AR21	Expanded name for clarity
AR22	AR22	Expanded name for clarity
AR23	AR23	Expanded name for clarity
AR24	AR24	Expanded name for clarity
AR25	AR25	Expanded name for clarity
AR26	AR26	Expanded name for clarity
AR27	AR27	Expanded name for clarity
AR31	AR31	Expanded name for clarity
AR32	AR32	Expanded name for clarity
AR33	AR33	Expanded name for clarity
AR34	AR34	Expanded name for clarity
AR35	AR35	Expanded name for clarity
AR36	AR36	Expanded name for clarity
AR37	AR37	Expanded name for clarity
AR41	AR41	Expanded name for clarity
AR42	AR42	Expanded name for clarity
AR43	AR43	Expanded name for clarity
AR44	AR44	Expanded name for clarity
AR45	AR45	Expanded name for clarity
AR46	AR46	Expanded name for clarity
AR47	AR47	Expanded name for clarity
AR52	----	Ended--rest of group deleted previously
AR54	----	Ended--rest of group deleted previously
AR55	----	Ended--rest of group deleted previously
AR57	----	Ended--rest of group deleted previously
AR61	AR61	Expanded name for clarity
AR62	AR62	Expanded name for clarity
AR63	AR63	Expanded name for clarity
AR64	AR64	Expanded name for clarity
AR65	AR65	Expanded name for clarity
AR66	AR66	Expanded name for clarity
AR67	AR67	Expanded name for clarity
AR71	AR71	Expanded name for clarity
AR72	AR72	Expanded name for clarity
AR73	AR73	Expanded name for clarity
AR74	AR74	Expanded name for clarity

Previous PSC	Current PSC	Rationale
AR75	AR75	Expanded name for clarity
AR76	AR76	Expanded name for clarity
AR77	AR77	Expanded name for clarity
AR91	AR91	Expanded name for clarity
AR92	AR92	Expanded name for clarity
AR93	AR93	Expanded name for clarity
AR94	AR94	Expanded name for clarity
AR95	AR95	Expanded name for clarity
AR96	AR96	Expanded name for clarity
AR97	AR97	Expanded name for clarity
AS11	AS11	Expanded name for clarity
AS12	AS12	Expanded name for clarity
AS13	AS13	Expanded name for clarity
AS14	AS14	Expanded name for clarity
AS15	AS15	Expanded name for clarity
AS16	AS16	Expanded name for clarity
AS17	AS17	Expanded name for clarity
AS21	AS21	Expanded name for clarity
AS22	AS22	Expanded name for clarity
AS23	AS23	Expanded name for clarity
AS24	AS24	Expanded name for clarity
AS25	AS25	Expanded name for clarity
AS26	AS26	Expanded name for clarity
AS27	AS27	Expanded name for clarity
AS31	AS31	Expanded name for clarity
AS32	AS32	Expanded name for clarity
AS33	AS33	Expanded name for clarity
AS34	AS34	Expanded name for clarity
AS35	AS35	Expanded name for clarity
AS36	AS36	Expanded name for clarity
AS37	AS37	Expanded name for clarity
AS41	AS41	Expanded name for clarity
AS42	AS42	Expanded name for clarity
AS43	AS43	Expanded name for clarity
AS44	AS44	Expanded name for clarity
AS45	AS45	Expanded name for clarity
AS46	AS46	Expanded name for clarity
AS47	AS47	Expanded name for clarity
AS91	AS91	Expanded name for clarity
AS92	AS92	Expanded name for clarity

Previous PSC	Current PSC	Rationale
AS93	AS93	Expanded name for clarity
AS94	AS94	Expanded name for clarity
AS95	AS95	Expanded name for clarity
AS96	AS96	Expanded name for clarity
AS97	AS97	Expanded name for clarity
AT11	AT11	Expanded name for clarity
AT12	AT12	Expanded name for clarity
AT13	AT13	Expanded name for clarity
AT14	AT14	Expanded name for clarity
AT15	AT15	Expanded name for clarity
AT16	AT16	Expanded name for clarity
AT17	AT17	Expanded name for clarity
AT21	AT21	Expanded name for clarity
AT22	AT22	Expanded name for clarity
AT23	AT23	Expanded name for clarity
AT24	AT24	Expanded name for clarity
AT25	AT25	Expanded name for clarity
AT26	AT26	Expanded name for clarity
AT27	AT27	Expanded name for clarity
AT31	AT31	Expanded name for clarity
AT32	AT32	Expanded name for clarity
AT33	AT33	Expanded name for clarity
AT34	AT34	Expanded name for clarity
AT35	AT35	Expanded name for clarity
AT36	AT36	Expanded name for clarity
AT37	AT37	Expanded name for clarity
AT41	AT41	Expanded name for clarity
AT42	AT42	Expanded name for clarity
AT43	AT43	Expanded name for clarity
AT44	AT44	Expanded name for clarity
AT45	AT45	Expanded name for clarity
AT46	AT46	Expanded name for clarity
AT47	AT47	Expanded name for clarity
AT51	AT51	Expanded name for clarity
AT52	AT52	Expanded name for clarity
AT53	AT53	Expanded name for clarity
AT54	AT54	Expanded name for clarity
AT55	AT55	Expanded name for clarity
AT56	AT56	Expanded name for clarity
AT57	AT57	Expanded name for clarity

Previous PSC	Current PSC	Rationale
AT61	AT61	Expanded name for clarity
AT62	AT62	Expanded name for clarity
AT63	AT63	Expanded name for clarity
AT64	AT64	Expanded name for clarity
AT65	AT65	Expanded name for clarity
AT66	AT66	Expanded name for clarity
AT67	AT67	Expanded name for clarity
AT71	AT71	Expanded name for clarity
AT72	AT72	Expanded name for clarity
AT73	AT73	Expanded name for clarity
AT74	AT74	Expanded name for clarity
AT75	AT75	Expanded name for clarity
AT76	AT76	Expanded name for clarity
AT77	AT77	Expanded name for clarity
AT81	AT81	Expanded name for clarity
AT82	AT82	Expanded name for clarity
AT83	AT83	Expanded name for clarity
AT84	AT84	Expanded name for clarity
AT85	AT85	Expanded name for clarity
AT86	AT86	Expanded name for clarity
AT87	AT87	Expanded name for clarity
AT91	AT91	Expanded name for clarity
AT92	AT92	Expanded name for clarity
AT93	AT93	Expanded name for clarity
AT94	AT94	Expanded name for clarity
AT95	AT95	Expanded name for clarity
AT96	AT96	Expanded name for clarity
AT97	AT97	Expanded name for clarity
AU17	----	Ended--rest of group deleted previously
AU97	----	Ended--rest of group deleted previously
AV11	AV11	Expanded name for clarity
AV12	AV12	Expanded name for clarity
AV13	AV13	Expanded name for clarity
AV14	AV14	Expanded name for clarity
AV15	AV15	Expanded name for clarity
AV16	AV16	Expanded name for clarity
AV17	AV17	Expanded name for clarity
AV21	AV21	Expanded name for clarity
AV22	AV22	Expanded name for clarity
AV23	AV23	Expanded name for clarity

Previous PSC	Current PSC	Rationale
AV24	AV24	Expanded name for clarity
AV25	AV25	Expanded name for clarity
AV26	AV26	Expanded name for clarity
AV27	AV27	Expanded name for clarity
AV31	AV31	Expanded name for clarity
AV32	AV32	Expanded name for clarity
AV33	AV33	Expanded name for clarity
AV34	AV34	Expanded name for clarity
AV35	AV35	Expanded name for clarity
AV36	AV36	Expanded name for clarity
AV37	AV37	Expanded name for clarity
AV41	AV41	Expanded name for clarity
AV42	AV42	Expanded name for clarity
AV43	AV43	Expanded name for clarity
AV44	AV44	Expanded name for clarity
AV45	AV45	Expanded name for clarity
AV46	AV46	Expanded name for clarity
AV47	AV47	Expanded name for clarity
AV51	AV51	Expanded name for clarity
AV52	AV52	Expanded name for clarity
AV53	AV53	Expanded name for clarity
AV54	AV54	Expanded name for clarity
AV55	AV55	Expanded name for clarity
AV56	AV56	Expanded name for clarity
AV57	AV57	Expanded name for clarity
AV61	AV61	Expanded name for clarity
AV62	AV62	Expanded name for clarity
AV63	AV63	Expanded name for clarity
AV64	AV64	Expanded name for clarity
AV65	AV65	Expanded name for clarity
AV66	AV66	Expanded name for clarity
AV67	AV67	Expanded name for clarity
AV71	AV71	Expanded name for clarity
AV72	AV72	Expanded name for clarity
AV73	AV73	Expanded name for clarity
AV74	AV74	Expanded name for clarity
AV75	AV75	Expanded name for clarity
AV76	AV76	Expanded name for clarity
AV77	AV77	Expanded name for clarity
AV91	AV91	Expanded name for clarity

Previous PSC	Current PSC	Rationale
AV92	AV92	Expanded name for clarity
AV93	AV93	Expanded name for clarity
AV94	AV94	Expanded name for clarity
AV95	AV95	Expanded name for clarity
AV96	AV96	Expanded name for clarity
AV97	AV97	Expanded name for clarity
AZ11	AZ11	Expanded name for clarity
AZ12	AZ12	Expanded name for clarity
AZ13	AZ13	Expanded name for clarity
AZ14	AZ14	Expanded name for clarity
AZ15	AZ15	Expanded name for clarity
AZ16	AZ16	Expanded name for clarity
AZ17	AZ17	Expanded name for clarity
B502	B502	Standard format
B503	B503	Standard format
B504	B504	Standard format
B505	B505	Standard format
B506	B506	Standard format
B507	B507	Standard format
B509	B509	Expanded name for clarity
B510	B510	Standard format
B513	B513	Expanded name for clarity
B516	B516	Standard format
B517	B517	Standard format
B518	B518	Standard format
B519	B519	Standard format
B520	B520	Standard format
B521	B521	Standard format
B522	B522	Standard format
B524	B524	Standard format
B525	B525	Standard format
B526	B526	Standard format
B527	B527	Standard format
B528	B528	Standard format
B529	B529	Standard format
B530	B530	Standard format
B532	B532	Standard format
B533	B533	Standard format
B534	B534	Standard format
B537	B537	Standard format

Previous PSC	Current PSC	Rationale
B538	B538	Standard format
B539	B539	Standard format
B540	B540	Standard format
B541	B541	Standard format
B542	B542	Standard format
B543	B543	Standard format
B544	B544	Standard format
B545	B545	Standard format
B546	B546	Standard format
B547	B547	Expanded name for clarity
B548	B548	Standard format
B549	B549	Expanded name for clarity
B550	B550	Expanded name for clarity
B551	B551	Standard format
B552	B552	Standard format
B553	B553	Standard format
B554	B554	Standard format
B555	B555	Standard format
B599	B599	Standard format
C111	C1AA	New numbering scheme to capture expanded list of facility types (blog #94)
C111	C1AB	New numbering scheme to capture expanded list of facility types (blog #94)
C111	C1AZ	New numbering scheme to capture expanded list of facility types (blog #94)
C112	C1BA	New numbering scheme to capture expanded list of facility types (blog #94)
C112	C1BB	New numbering scheme to capture expanded list of facility types (blog #94)
C112	C1BC	New numbering scheme to capture expanded list of facility types (blog #94)
C112	C1BD	New numbering scheme to capture expanded list of facility types (blog #94)
C112	C1BE	New numbering scheme to capture expanded list of facility types (blog #94)
C112	C1BF	New numbering scheme to capture expanded list of facility types (blog #94)
C112	C1BG	New numbering scheme to capture expanded list of facility types (blog #94)
C112	C1BZ	New numbering scheme to capture expanded list of facility types (blog #94)
C113	C1CA	New numbering scheme to capture expanded list of facility types (blog #94)
C113	C1CZ	New numbering scheme to capture expanded list of facility types (blog #94)
C114	C1DA	New numbering scheme to capture expanded list of facility types (blog #94)
C114	C1DB	New numbering scheme to capture expanded list of facility types (blog #94)
C114	C1DZ	New numbering scheme to capture expanded list of facility types (blog #94)
C115	C1EA	New numbering scheme to capture expanded list of facility types (blog #94)
C115	C1EB	New numbering scheme to capture expanded list of facility types (blog #94)
C115	C1EC	New numbering scheme to capture expanded list of facility types (blog #94)
C115	C1ED	New numbering scheme to capture expanded list of facility types (blog #94)
C115	C1EE	New numbering scheme to capture expanded list of facility types (blog #94)

Previous PSC	Current PSC	Rationale
C124	C1NB	New numbering scheme to capture expanded list of facility types (blog #94)
C124	C1NC	New numbering scheme to capture expanded list of facility types (blog #94)
C124	C1ND	New numbering scheme to capture expanded list of facility types (blog #94)
C124	C1NE	New numbering scheme to capture expanded list of facility types (blog #94)
C124	C1NZ	New numbering scheme to capture expanded list of facility types (blog #94)
C129	C1PA	New numbering scheme to capture expanded list of facility types (blog #94)
C129	C1PB	New numbering scheme to capture expanded list of facility types (blog #94)
C129	C1PC	New numbering scheme to capture expanded list of facility types (blog #94)
C129	C1PD	New numbering scheme to capture expanded list of facility types (blog #94)
C129	C1PZ	New numbering scheme to capture expanded list of facility types (blog #94)
C130	C1QA	New numbering scheme to capture expanded list of facility types (blog #94)
C211	C211	Expanded name for clarity
C212	C212	Expanded name for clarity
C213	C213	Expanded name for clarity
C214	C214	Expanded name for clarity
C215	C215	Expanded name for clarity
C216	C216	Expanded name for clarity
C219	C219	Expanded name for clarity
D301	D301	Expanded name for clarity
D302	D302	Standard format
D303	D303	Standard format
D304	D304	Merged with PSC S113 based on FAR definition (blog #110)
D305	D305	Added includes/excludes
D306	D306	Standard format
D307	D307	Standard format
D308	D308	Standard format
D309	D309	Expanded name for clarity
D310	D310	Added includes/excludes
D311	D311	Standard format
D312	D312	Standard format
D313	D313	Expanded name for clarity
D314	D314	Added includes/excludes
D315	D315	Added includes/excludes
D316	D316	Added includes/excludes
D317	D317	Added includes/excludes
D399	D399	Expanded name for clarity
E111	E1AA	New numbering scheme for facility-based codes
E112	E1AB	New numbering scheme for facility-based codes
E119	E1AZ	New numbering scheme for facility-based codes
E121	E1BA	New numbering scheme for facility-based codes

Previous PSC	Current PSC	Rationale
E122	E1BB	New numbering scheme for facility-based codes
E123	E1BC	New numbering scheme for facility-based codes
E124	E1BD	New numbering scheme for facility-based codes
E125	E1BE	New numbering scheme for facility-based codes
E126	E1BF	New numbering scheme for facility-based codes
E127	E1BG	New numbering scheme for facility-based codes
E129	E1BZ	New numbering scheme for facility-based codes
E131	E1CA	New numbering scheme for facility-based codes
E139	E1CZ	New numbering scheme for facility-based codes
E141	E1DA	New numbering scheme for facility-based codes
E142	E1DB	New numbering scheme for facility-based codes
E149	E1DZ	New numbering scheme for facility-based codes
E151	E1EA	New numbering scheme for facility-based codes
E152	E1EB	New numbering scheme for facility-based codes
E153	E1EC	New numbering scheme for facility-based codes
E154	E1ED	New numbering scheme for facility-based codes
E155	E1EE	New numbering scheme for facility-based codes
E159	E1EZ	New numbering scheme for facility-based codes
E161	E1FA	New numbering scheme for facility-based codes
E162	E1FB	New numbering scheme for facility-based codes
E163	E1FC	New numbering scheme for facility-based codes
E164	E1FD	New numbering scheme for facility-based codes
E165	E1FE	New numbering scheme for facility-based codes
E166	E1FF	New numbering scheme for facility-based codes
E169	E1FZ	New numbering scheme for facility-based codes
E171	E1GA	New numbering scheme for facility-based codes
E172	E1GB	New numbering scheme for facility-based codes
E173	E1GC	New numbering scheme for facility-based codes
E174	E1GD	New numbering scheme for facility-based codes
E179	E1GZ	New numbering scheme for facility-based codes
E181	E1HA	New numbering scheme for facility-based codes
E182	E1HB	New numbering scheme for facility-based codes
E183	E1HC	New numbering scheme for facility-based codes
E184	E1HZ	New numbering scheme for facility-based codes
E191	E1JA	New numbering scheme for facility-based codes
E192	E1JB	New numbering scheme for facility-based codes
E199	E1JZ	New numbering scheme for facility-based codes
E211	E1KA	New numbering scheme for facility-based codes
E212	E1KB	New numbering scheme for facility-based codes
E213	E1KC	New numbering scheme for facility-based codes

Previous PSC	Current PSC	Rationale
E214	E1KD	New numbering scheme for facility-based codes
E215	E1KE	New numbering scheme for facility-based codes
E216	E1KF	New numbering scheme for facility-based codes
E219	E1KZ	New numbering scheme for facility-based codes
E221	E1LA	New numbering scheme for facility-based codes
E222	E1LB	New numbering scheme for facility-based codes
E223	E1LC	New numbering scheme for facility-based codes
E224	E1LZ	New numbering scheme for facility-based codes
E231	E1MA	New numbering scheme for facility-based codes
E232	E1MB	New numbering scheme for facility-based codes
E233	E1MC	New numbering scheme for facility-based codes
E234	E1MD	New numbering scheme for facility-based codes
E235	E1ME	New numbering scheme for facility-based codes
E236	E1MF	New numbering scheme for facility-based codes
E237	E1MG	New numbering scheme for facility-based codes
E239	E1MZ	New numbering scheme for facility-based codes
E241	E1NA	New numbering scheme for facility-based codes
E242	E1NB	New numbering scheme for facility-based codes
E243	E1NC	New numbering scheme for facility-based codes
E244	E1ND	New numbering scheme for facility-based codes
E245	E1NE	New numbering scheme for facility-based codes
E249	E1NZ	New numbering scheme for facility-based codes
E291	E1PA	New numbering scheme for facility-based codes
E292	E1PB	New numbering scheme for facility-based codes
E293	E1PC	New numbering scheme for facility-based codes
E294	E1PD	New numbering scheme for facility-based codes
E299	E1PZ	New numbering scheme for facility-based codes
E300	E1QA	New numbering scheme for facility-based codes
F001	F001	Expanded name for clarity
F002	F002	Updated per blog comment (blog #008B)
F003	F003	Expanded name for clarity
F004	F004	Expanded name for clarity
F005	F005	Standard format
F006	F006	Added includes/excludes
F007	F007	Expanded name for clarity
F008	F008	Expanded name for clarity
F009	F009	No change (blog #008B)
F010	F010	Standard format
F011	F011	Expanded name for clarity
F012	F012	Added includes/excludes

Previous PSC	Current PSC	Rationale
F013	F013	Standard format
F014	F014	Standard format
F015	F015	Standard format
F016	F016	Standard format
F018	F018	Expanded name for clarity
F019	F019	Standard format
F020	F020	Expanded name for clarity
F021	F021	Standard format
F022	F022	Standard format
F099	F099	Standard format
F101	F101	Added includes/excludes
F102	F101	Ended--duplicate of F101
F103	F103	Added includes/excludes
F104	F103	Ended--duplicate of F103
F105	F105	Standard format
F106	F107	Ended--merged with F107 (blog #008A)
F107	F107	Combined with F106 based on blog comments (blog #008A)
F108	F108	Updated per blog and govt team comments (blog #008A)
F109	F109	Expanded name for clarity
F110	F110	Expanded name for clarity
F111	F111	Made consistent with F101 and F103
F112	F112	Added includes/excludes
F999	F999	Changed name to distinguish from PSC B (blog #92)
G001	G001	Standard format
G002	G002	Expanded name for clarity
G003	G003	Standard format
G004	G004	Expanded name for clarity
G005	G005	Standard format
G006	G006	Standard format
G007	G007	Expanded name for clarity
G008	G008	Expanded name for clarity
G009	G009	Standard format
G010	G010	Expanded name for clarity
G099	G099	Standard format
H110	H110	Expanded name for clarity
H111	H111	Expanded name for clarity
H112	H112	Expanded name for clarity
H113	H113	Expanded name for clarity
H114	H114	Expanded name for clarity
H115	H115	Expanded name for clarity

Previous PSC	Current PSC	Rationale
H116	H116	Expanded name for clarity
H117	H117	Expanded name for clarity
H118	H118	Expanded name for clarity
H119	H119	Expanded name for clarity
H120	H120	Expanded name for clarity
H122	H122	Expanded name for clarity
H123	H123	Expanded name for clarity
H124	H124	Expanded name for clarity
H125	H125	Expanded name for clarity
H126	H126	Expanded name for clarity
H128	H128	Expanded name for clarity
H129	H129	Expanded name for clarity
H130	H130	Expanded name for clarity
H131	H131	Expanded name for clarity
H132	H132	Expanded name for clarity
H134	H134	Expanded name for clarity
H135	H135	Expanded name for clarity
H136	H136	Expanded name for clarity
H137	H137	Expanded name for clarity
H138	H138	Expanded name for clarity
H139	H139	Expanded name for clarity
H140	H140	Expanded name for clarity
H141	H141	Expanded name for clarity
H142	H142	Expanded name for clarity
H143	H143	Expanded name for clarity
H144	H144	Expanded name for clarity
H145	H145	Expanded name for clarity
H146	H146	Expanded name for clarity
H147	H147	Expanded name for clarity
H148	H148	Expanded name for clarity
H149	H149	Expanded name for clarity
H151	H151	Expanded name for clarity
H152	H152	Expanded name for clarity
H153	H153	Expanded name for clarity
H154	H154	Expanded name for clarity
H155	H155	Expanded name for clarity
H156	H156	Expanded name for clarity
H158	H158	Expanded name for clarity
H159	H159	Expanded name for clarity
H160	H160	Expanded name for clarity

Previous PSC	Current PSC	Rationale
H161	H161	Expanded name for clarity
H162	H162	Expanded name for clarity
H163	H163	Expanded name for clarity
H165	H165	Expanded name for clarity
H166	H166	Expanded name for clarity
H167	H167	Expanded name for clarity
H168	H168	Expanded name for clarity
H169	H169	Expanded name for clarity
H170	H170	Expanded name for clarity
H171	H171	Expanded name for clarity
H172	H172	Expanded name for clarity
H173	H173	Expanded name for clarity
H174	H174	Expanded name for clarity
H175	H175	Expanded name for clarity
H176	H176	Expanded name for clarity
H177	H177	Expanded name for clarity
H178	H178	Expanded name for clarity
H179	H179	Expanded name for clarity
H180	H180	Expanded name for clarity
H181	H181	Expanded name for clarity
H183	H183	Expanded name for clarity
H184	H184	Expanded name for clarity
H185	H185	Expanded name for clarity
H187	H187	Expanded name for clarity
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H189	H189	Expanded name for clarity
H191	H191	Expanded name for clarity
H193	H193	Expanded name for clarity
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H196	H196	Expanded name for clarity
H199	H199	Expanded name for clarity
H210	H210	Expanded name for clarity
H211	H211	Expanded name for clarity
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H214	H214	Expanded name for clarity
H215	H215	Expanded name for clarity
H216	H216	Expanded name for clarity
H217	H217	Expanded name for clarity

Previous PSC	Current PSC	Rationale
H218	H218	Expanded name for clarity
H219	H219	Expanded name for clarity
H220	H220	Expanded name for clarity
H222	H222	Expanded name for clarity
H223	H223	Expanded name for clarity
H224	H224	Expanded name for clarity
H225	H225	Expanded name for clarity
H226	H226	Expanded name for clarity
H228	H228	Expanded name for clarity
H229	H229	Expanded name for clarity
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H231	H231	Expanded name for clarity
H232	H232	Expanded name for clarity
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H235	H235	Expanded name for clarity
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H238	H238	Expanded name for clarity
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H243	H243	Expanded name for clarity
H244	H244	Expanded name for clarity
H245	H245	Expanded name for clarity
H246	H246	Expanded name for clarity
H247	H247	Expanded name for clarity
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H251	H251	Expanded name for clarity
H252	H252	Expanded name for clarity
H253	H253	Expanded name for clarity
H254	H254	Expanded name for clarity
H255	H255	Expanded name for clarity
H256	H256	Expanded name for clarity
H258	H258	Expanded name for clarity
H259	H259	Expanded name for clarity
H260	H260	Expanded name for clarity
H261	H261	Expanded name for clarity
H262	H262	Expanded name for clarity

Previous PSC	Current PSC	Rationale
H263	H263	Expanded name for clarity
H265	H265	Expanded name for clarity
H266	H266	Expanded name for clarity
H267	H267	Expanded name for clarity
H268	H268	Expanded name for clarity
H269	H269	Expanded name for clarity
H270	H270	Expanded name for clarity
H271	H271	Expanded name for clarity
H272	H272	Expanded name for clarity
H273	H273	Expanded name for clarity
H274	H274	Expanded name for clarity
H275	H275	Expanded name for clarity
H276	H276	Expanded name for clarity
H277	H277	Expanded name for clarity
H278	H278	Expanded name for clarity
H279	H279	Expanded name for clarity
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H281	H281	Expanded name for clarity
H283	H283	Expanded name for clarity
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H287	H287	Expanded name for clarity
H288	H288	Expanded name for clarity
H289	H289	Expanded name for clarity
H291	H291	Expanded name for clarity
H293	H293	Expanded name for clarity
H294	H294	Expanded name for clarity
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H296	H296	Expanded name for clarity
H299	H299	Expanded name for clarity
H310	H310	Added includes/excludes
H311	H311	Added includes/excludes
H312	H312	Added includes/excludes
H313	H313	Added includes/excludes
H314	H314	Added includes/excludes
H315	H315	Added includes/excludes
H316	H316	Added includes/excludes
H317	H317	Added includes/excludes
H318	H318	Added includes/excludes
H319	H319	Added includes/excludes

Previous PSC	Current PSC	Rationale
H320	H320	Added includes/excludes
H322	H322	Added includes/excludes
H323	H323	Added includes/excludes
H324	H324	Added includes/excludes
H325	H325	Added includes/excludes
H326	H326	Added includes/excludes
H328	H328	Added includes/excludes
H329	H329	Added includes/excludes
H330	H330	Added includes/excludes
H331	H331	Added includes/excludes
H332	H332	Added includes/excludes
H334	H334	Added includes/excludes
H335	H335	Added includes/excludes
H336	H336	Added includes/excludes
H337	H337	Added includes/excludes
H338	H338	Added includes/excludes
H339	H339	Added includes/excludes
H340	H340	Added includes/excludes
H341	H341	Added includes/excludes
H342	H342	Added includes/excludes
H343	H343	Added includes/excludes
H344	H344	Added includes/excludes
H345	H345	Added includes/excludes
H346	H346	Added includes/excludes
H347	H347	Added includes/excludes
H348	H348	Added includes/excludes
H349	H349	Added includes/excludes
H351	H351	Added includes/excludes
H352	H352	Added includes/excludes
H353	H353	Added includes/excludes
H354	H354	Added includes/excludes
H355	H355	Added includes/excludes
H356	H356	Added includes/excludes
H358	H358	Added includes/excludes
H359	H359	Added includes/excludes
H360	H360	Added includes/excludes
H361	H361	Added includes/excludes
H362	H362	Added includes/excludes
H363	H363	Added includes/excludes
H365	H365	Added includes/excludes

Previous PSC	Current PSC	Rationale
H366	H366	Added includes/excludes
H367	H367	Added includes/excludes
H368	H368	Added includes/excludes
H369	H369	Added includes/excludes
H370	H370	Added includes/excludes
H371	H371	Added includes/excludes
H372	H372	Added includes/excludes
H373	H373	Added includes/excludes
H374	H374	Added includes/excludes
H375	H375	Added includes/excludes
H376	H376	Added includes/excludes
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H378	H378	Added includes/excludes
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H381	H381	Added includes/excludes
H383	H383	Added includes/excludes
H384	H384	Added includes/excludes
H385	H385	Added includes/excludes
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H389	H389	Added includes/excludes
H391	H391	Added includes/excludes
H393	H393	Added includes/excludes
H394	H394	Added includes/excludes
H395	H395	Added includes/excludes
H396	H396	Added includes/excludes
H399	H399	Added includes/excludes
H910	H910	Standard format
H911	H911	Standard format
H912	H912	Standard format
H913	H913	Standard format
H914	H914	Standard format
H915	H915	Standard format
H916	H916	Standard format
H917	H917	Standard format
H918	H918	Standard format
H919	H919	Standard format
H920	H920	Standard format
H922	H922	Standard format

Previous PSC	Current PSC	Rationale
H923	H923	Standard format
H924	H924	Standard format
H925	H925	Standard format
H926	H926	Standard format
H928	H928	Standard format
H929	H929	Standard format
H930	H930	Standard format
H931	H931	Standard format
H932	H932	Standard format
H934	H934	Standard format
H935	H935	Standard format
H936	H936	Standard format
H937	H937	Standard format
H938	H938	Standard format
H939	H939	Standard format
H940	H940	Standard format
H941	H941	Standard format
H942	H942	Expanded name for clarity
H943	H943	Standard format
H944	H944	Standard format
H945	H945	Standard format
H946	H946	Standard format
H947	H947	Standard format
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H955	H955	Standard format
H956	H956	Standard format
H958	H958	Standard format
H959	H959	Standard format
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H961	H961	Standard format
H962	H962	Standard format
H963	H963	Standard format
H965	H965	Standard format
H966	H966	Standard format
H967	H967	Standard format

Previous PSC	Current PSC	Rationale
H968	H968	Standard format
H969	H969	Standard format
H970	H970	Standard format
H971	H971	Standard format
H972	H972	Standard format
H973	H973	Standard format
H974	H974	Standard format
H975	H975	Standard format
H976	H976	Standard format
H977	H977	Standard format
H978	H978	Standard format
H979	H979	Standard format
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H981	H981	Standard format
H983	H983	Standard format
H984	H984	Standard format
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H988	H988	Standard format
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H993	H993	Standard format
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H995	H995	Standard format
H996	H996	Standard format
H999	H999	Standard format
J010	J010	Expanded name for clarity
J011	J011	Expanded name for clarity
J012	J012	Expanded name for clarity
J013	J013	Expanded name for clarity
J014	J014	Expanded name for clarity
J015	J015	Expanded name for clarity
J016	J016	Expanded name for clarity
J017	J017	Expanded name for clarity
J018	J018	Expanded name for clarity
J019	J019	Expanded name for clarity
J020	J020	Expanded name for clarity
J022	J022	Expanded name for clarity
J023	J023	Expanded name for clarity
J024	J024	Expanded name for clarity

Previous PSC	Current PSC	Rationale
J025	J025	Expanded name for clarity
J026	J026	Expanded name for clarity
J028	J028	Expanded name for clarity
J029	J029	Expanded name for clarity
J030	J030	Expanded name for clarity
J031	J031	Expanded name for clarity
J032	J032	Expanded name for clarity
J034	J034	Expanded name for clarity
J035	J035	Expanded name for clarity
J036	J036	Expanded name for clarity
J037	J037	Expanded name for clarity
J038	J038	Expanded name for clarity
J039	J039	Expanded name for clarity
J040	J040	Expanded name for clarity
J041	J041	Expanded name for clarity
J042	J042	Expanded name for clarity
J043	J043	Expanded name for clarity
J044	J044	Expanded name for clarity
J045	J045	Expanded name for clarity
J046	J046	Expanded name for clarity
J047	J047	Expanded name for clarity
J048	J048	Expanded name for clarity
J049	J049	Expanded name for clarity
J051	J051	Expanded name for clarity
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J053	J053	Expanded name for clarity
J054	J054	Expanded name for clarity
J055	J055	Expanded name for clarity
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J058	J058	Expanded name for clarity
J059	J059	Expanded name for clarity
J060	J060	Expanded name for clarity
J061	J061	Expanded name for clarity
J062	J062	Expanded name for clarity
J063	J063	Expanded name for clarity
J065	J065	Expanded name for clarity
J066	J066	Expanded name for clarity
J067	J067	Expanded name for clarity
J068	J068	Expanded name for clarity
J069	J069	Expanded name for clarity

Previous PSC	Current PSC	Rationale
J070	J070	Expanded name for clarity
J071	J071	Expanded name for clarity
J072	J072	Expanded name for clarity
J073	J073	Expanded name for clarity
J074	J074	Expanded name for clarity
J075	J075	Expanded name for clarity
J076	J076	Expanded name for clarity
J077	J077	Expanded name for clarity
J078	J078	Expanded name for clarity
J079	J079	Expanded name for clarity
J080	J080	Expanded name for clarity
J081	J081	Expanded name for clarity
J083	J083	Expanded name for clarity
J084	J084	Expanded name for clarity
J085	J085	Expanded name for clarity
J087	J087	Expanded name for clarity
J088	J088	Expanded name for clarity
J089	J089	Expanded name for clarity
J091	J091	Expanded name for clarity
J093	J093	Expanded name for clarity
J094	J094	Expanded name for clarity
J095	J095	Expanded name for clarity
J096	J096	Expanded name for clarity
J099	J099	Expanded name for clarity
J998	J998	Added includes/excludes
J999	J999	Added includes/excludes
K010	K010	Expanded name for clarity
K011	K011	Expanded name for clarity
K012	K012	Expanded name for clarity
K013	K013	Expanded name for clarity
K014	K014	Expanded name for clarity
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K016	K016	Expanded name for clarity
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K018	K018	Expanded name for clarity
K019	K019	Expanded name for clarity
K020	K020	Expanded name for clarity
K022	K022	Expanded name for clarity
K023	K023	Expanded name for clarity
K024	K024	Expanded name for clarity

Previous PSC	Current PSC	Rationale
K025	K025	Expanded name for clarity
K026	K026	Expanded name for clarity
K028	K028	Expanded name for clarity
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K030	K030	Expanded name for clarity
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K032	K032	Expanded name for clarity
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K039	K039	Expanded name for clarity
K040	K040	Expanded name for clarity
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K043	K043	Expanded name for clarity
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K046	K046	Expanded name for clarity
K047	K047	Expanded name for clarity
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K066	K066	Expanded name for clarity
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K068	K068	Expanded name for clarity
K069	K069	Expanded name for clarity

Previous PSC	Current PSC	Rationale
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K071	K071	Expanded name for clarity
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L024	L024	Expanded name for clarity
L025	L025	Expanded name for clarity
L026	L026	Expanded name for clarity

Previous PSC	Current PSC	Rationale
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L030	L030	Expanded name for clarity
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L035	L035	Expanded name for clarity
L036	L036	Expanded name for clarity
L037	L037	Expanded name for clarity
L038	L038	Expanded name for clarity
L039	L039	Expanded name for clarity
L040	L040	Expanded name for clarity
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L042	L042	Expanded name for clarity
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L069	L069	Expanded name for clarity
L070	L070	Expanded name for clarity
L071	L071	Expanded name for clarity

Previous PSC	Current PSC	Rationale
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L094	L094	Expanded name for clarity
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L096	L096	Expanded name for clarity
L099	L099	Expanded name for clarity
M111	M1AA	New numbering scheme for facility-based codes
M112	M1AB	New numbering scheme for facility-based codes
M119	M1AZ	New numbering scheme for facility-based codes
M121	M1BA	New numbering scheme for facility-based codes
M122	M1BB	New numbering scheme for facility-based codes
M123	M1BC	New numbering scheme for facility-based codes
M124	M1BD	New numbering scheme for facility-based codes
M125	M1BE	New numbering scheme for facility-based codes
M126	M1BF	New numbering scheme for facility-based codes
M127	M1BG	New numbering scheme for facility-based codes
M129	M1BZ	New numbering scheme for facility-based codes
M131	M1CA	New numbering scheme for facility-based codes
M139	M1CZ	New numbering scheme for facility-based codes
M141	M1DA	New numbering scheme for facility-based codes
M142	M1DB	New numbering scheme for facility-based codes
M149	M1DZ	New numbering scheme for facility-based codes
M151	M1EA	New numbering scheme for facility-based codes
M152	M1EB	New numbering scheme for facility-based codes

Previous PSC	Current PSC	Rationale
M153	M1EC	New numbering scheme for facility-based codes
M154	M1ED	New numbering scheme for facility-based codes
M155	M1EE	New numbering scheme for facility-based codes
M159	M1EZ	New numbering scheme for facility-based codes
M161	M1FA	New numbering scheme for facility-based codes
M162	M1FB	New numbering scheme for facility-based codes
M163	M1FC	New numbering scheme for facility-based codes
M164	M1FD	New numbering scheme for facility-based codes
M165	M1FE	New numbering scheme for facility-based codes
M166	M1FF	New numbering scheme for facility-based codes
M169	M1FZ	New numbering scheme for facility-based codes
M171	M1GA	New numbering scheme for facility-based codes
M172	M1GB	New numbering scheme for facility-based codes
M173	M1GC	New numbering scheme for facility-based codes
M174	M1GD	New numbering scheme for facility-based codes
M179	M1GZ	New numbering scheme for facility-based codes
M181	M1HA	New numbering scheme for facility-based codes
M182	M1HB	New numbering scheme for facility-based codes
M183	M1HC	New numbering scheme for facility-based codes
M184	M1HZ	New numbering scheme for facility-based codes
M191	M1JA	New numbering scheme for facility-based codes
M192	M1JB	New numbering scheme for facility-based codes
M199	M1JZ	New numbering scheme for facility-based codes
M211	M1KA	New numbering scheme for facility-based codes
M212	M1KB	New numbering scheme for facility-based codes
M213	M1KC	New numbering scheme for facility-based codes
M214	M1KD	New numbering scheme for facility-based codes
M215	M1KE	New numbering scheme for facility-based codes
M216	M1KF	New numbering scheme for facility-based codes
M219	M1KZ	New numbering scheme for facility-based codes
M221	M1LA	New numbering scheme for facility-based codes
M222	M1LB	New numbering scheme for facility-based codes
M223	M1LC	New numbering scheme for facility-based codes
M224	M1LZ	New numbering scheme for facility-based codes
M231	M1MA	New numbering scheme for facility-based codes
M232	M1MB	New numbering scheme for facility-based codes
M233	M1MC	New numbering scheme for facility-based codes
M234	M1MD	New numbering scheme for facility-based codes
M235	M1ME	New numbering scheme for facility-based codes
M236	M1MF	New numbering scheme for facility-based codes

Previous PSC	Current PSC	Rationale
M237	M1MG	New numbering scheme for facility-based codes
M239	M1MZ	New numbering scheme for facility-based codes
M241	M1NA	New numbering scheme for facility-based codes
M242	M1NB	New numbering scheme for facility-based codes
M243	M1NC	New numbering scheme for facility-based codes
M244	M1ND	New numbering scheme for facility-based codes
M245	M1NE	New numbering scheme for facility-based codes
M249	M1NZ	New numbering scheme for facility-based codes
M291	M1PA	New numbering scheme for facility-based codes
M292	M1PB	New numbering scheme for facility-based codes
M293	M1PC	New numbering scheme for facility-based codes
M294	M1PD	New numbering scheme for facility-based codes
M299	M1PZ	New numbering scheme for facility-based codes
M300	M1QA	New numbering scheme for facility-based codes
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N012	N012	Expanded name for clarity
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N022	N022	Expanded name for clarity
N023	N023	Expanded name for clarity
N024	N024	Expanded name for clarity
N025	N025	Expanded name for clarity
N026	N026	Expanded name for clarity
N028	N028	Expanded name for clarity
N029	N029	Expanded name for clarity
N030	N030	Expanded name for clarity
N031	N031	Expanded name for clarity
N032	N032	Expanded name for clarity
N034	N034	Expanded name for clarity
N035	N035	Expanded name for clarity
N036	N036	Expanded name for clarity
N037	N037	Expanded name for clarity
N038	N038	Expanded name for clarity

Previous PSC	Current PSC	Rationale
N039	N039	Expanded name for clarity
N040	N040	Expanded name for clarity
N041	N041	Expanded name for clarity
N042	N042	Expanded name for clarity
N043	N043	Expanded name for clarity
N044	N044	Expanded name for clarity
N045	N045	Expanded name for clarity
N046	N046	Expanded name for clarity
N047	N047	Expanded name for clarity
N048	N048	Expanded name for clarity
N049	N049	Expanded name for clarity
N051	N051	Expanded name for clarity
N052	N052	Expanded name for clarity
N053	N053	Expanded name for clarity
N054	N054	Expanded name for clarity
N055	N055	Expanded name for clarity
N056	N056	Expanded name for clarity
N058	N058	Expanded name for clarity
N059	N059	Expanded name for clarity
N060	N060	Expanded name for clarity
N061	N061	Expanded name for clarity
N062	N062	Expanded name for clarity
N063	N063	Expanded name for clarity
N065	N065	Expanded name for clarity
N066	N066	Expanded name for clarity
N067	N067	Expanded name for clarity
N068	N068	Expanded name for clarity
N069	N069	Expanded name for clarity
N070	N070	Expanded name for clarity
N071	N071	Expanded name for clarity
N072	N072	Expanded name for clarity
N073	N073	Expanded name for clarity
N074	N074	Expanded name for clarity
N075	N075	Expanded name for clarity
N076	N076	Expanded name for clarity
N077	N077	Expanded name for clarity
N078	N078	Expanded name for clarity
N079	N079	Expanded name for clarity
N080	N080	Expanded name for clarity
N081	N081	Expanded name for clarity

Previous PSC	Current PSC	Rationale
N083	N083	Expanded name for clarity
N084	N084	Expanded name for clarity
N085	N085	Expanded name for clarity
N087	N087	Expanded name for clarity
N088	N088	Expanded name for clarity
N089	N089	Expanded name for clarity
N091	N091	Expanded name for clarity
N093	N093	Expanded name for clarity
N094	N094	Expanded name for clarity
N095	N095	Expanded name for clarity
N096	N096	Expanded name for clarity
N099	N099	Expanded name for clarity
P100	P100	Expanded name for clarity
P200	P200	Standard format
P300	P300	Standard format
P400	P400	Standard format
P500	P500	Expanded name for clarity
P999	P999	Standard format
Q101	Q101	Expanded name for clarity
Q201	Q201	Standard format
Q301	Q301	Standard format
Q401	Q401	Standard format
Q402	Q402	Standard format
Q403	Q403	Standard format
Q501	Q501	Standard format
Q502	Q502	Standard format
Q503	Q503	Standard format
Q504	Q504	Standard format
Q505	Q505	Standard format
Q506	Q506	Standard format
Q507	Q507	Standard format
Q508	Q508	Standard format
Q509	Q509	Standard format
Q510	Q510	Standard format
Q511	Q511	Standard format
Q512	Q512	Standard format
Q513	Q513	Standard format
Q514	Q514	Standard format
Q515	Q515	Standard format
Q516	Q516	Standard format

Previous PSC	Current PSC	Rationale
Q517	Q517	Standard format
Q518	Q518	Expanded name for clarity
Q519	Q519	Standard format
Q520	Q520	Standard format
Q521	Q521	Standard format
Q522	Q522	Standard format
Q523	Q523	Standard format
Q524	Q524	Standard format
Q525	Q525	Standard format
Q526	Q526	Expanded name for clarity
Q527	Q527	Standard format
Q999	Q999	Standard format
R401	R401	Updated per blog comment (blog #91)
R402	R402	Standard format
R404	R404	Expanded name for clarity
R405	R405	Standard format
R406	R406	Standard format
R407	R410	Combined R407 and R409 into new code R410 (blog #001B)
R408	R408	Added includes/excludes (blog #001B)
R409	R410	Combined R407 and R409 into new code R410 (blog #001B)
R411	R411	Standard format
R412	R412	Standard format
R413	R413	Standard format
R414	R425	Combined R414, R421, and R425 based on FAR definition (blog #001B)
R415	R415	Expanded name for clarity
R416	R416	Standard format
R418	R418	Added includes/excludes
R419	U009	Ended--duplicate of PSC U009
R420	R420	Added includes/excludes
R421	R425	Combined R414, R421, and R425 based on FAR definition (blog #001B)
R422	R422	Added includes/excludes
R423	R423	Standard format
R424	R424	Standard format
R425	R425	Combined R414, R421, and R425 based on FAR definition (blog #001B)
R426	R426	Added includes/excludes
R427	R427	Expanded name for clarity
R428	R428	Standard format
R497	R497	Standard format
R498	R498	Standard format
R499	R499	Standard format

Previous PSC	Current PSC	Rationale
R602	R602	Expanded name for clarity
R603	R603	Added includes/excludes
R604	R604	Added includes/excludes
R605	R605	Standard format
R606	R606	Added includes/excludes
R607	R607	Expanded name for clarity
R608	R608	Updated per blog comment (blog #105)
R609	R609	Added includes/excludes
R610	R610	Expanded name for clarity
R611	R611	Standard format
R612	R612	Added includes/excludes
R613	R613	Standard format
R614	R614	Standard format
R699	R699	Standard format
R701	R701	Standard format
R702	R702	Added includes/excludes
R703	R703	Standard format
R704	R704	Updated per blog comment (blog #007)
R705	R705	Standard format
R706	R706	Standard format
R707	R707	Standard format
R708	R708	Added includes/excludes
R709	R704	Ended--duplicate of R704 (blog #007)
R710	R710	Added includes/excludes
R711	R711	Added includes/excludes
R712	R712	Standard format
R713	R713	Standard format
R799	R799	Expanded name for clarity
S111	S111	Standard format
S112	S112	Standard format
S113	D304	Ended--moved to PSC D (FAR definition of utilities doesn't include telephone); blog comment superseded (blog #110)
S114	S114	Standard format
S119	S119	Standard format
S201	S201	Expanded name for clarity
S202	S202	Expanded name for clarity
S203	S203	Expanded name for clarity
S204	S204	Added includes/excludes
S205	S205	Added includes/excludes
S206	S206	Expanded name for clarity

Previous PSC	Current PSC	Rationale
S207	S207	Expanded name for clarity
S208	S208	Expanded name for clarity
S209	S209	Expanded name for clarity
S211	S211	Expanded name for clarity
S212	S212	Expanded name for clarity
S214	S214	Expanded name for clarity
S215	S215	Expanded name for clarity
S216	S216	Expanded name for clarity
S217	S217	Expanded name for clarity
S218	S218	Added includes/excludes
S222	S222	Expanded name for clarity
S299	S299	Expanded name for clarity
T001	T001	Added includes/excludes
T002	T002	Standard format
T003	T003	Standard format
T004	T004	Standard format
T005	T005	Standard format
T006	T006	Standard format
T007	T007	Standard format
T008	T008	Standard format
T009	T009	Standard format
T010	T010	Standard format
T011	T011	Standard format
T012	T012	Standard format
T013	T013	Standard format
T014	T014	Standard format
T015	T015	Standard format
T016	T016	Standard format
T099	T099	Standard format
U001	U001	Standard format
U002	U002	Standard format
U003	U003	Standard format
U004	U004	Standard format
U005	U005	Expanded name for clarity
U006	U006	Standard format
U007	U007	Standard format
U008	U008	Expanded name for clarity
U009	U009	Changed name to distinguish from other codes in this group
U010	U010	Added includes/excludes
U011	U011	Changed name to clarify purpose of service

Previous PSC	Current PSC	Rationale
U012	U012	Expanded name for clarity
U099	U099	Standard format
V001	V001	Expanded name for clarity
V002	V002	Expanded name for clarity
V003	V003	Expanded name for clarity
V111	V111	Expanded name for clarity
V112	V112	Expanded name for clarity
V113	V113	Expanded name for clarity
V114	V114	Expanded name for clarity
V115	V115	Expanded name for clarity
V119	V119	Expanded name for clarity
V121	V121	Expanded name for clarity
V122	V122	Expanded name for clarity
V123	V123	Expanded name for clarity
V124	V124	Expanded name for clarity
V125	V125	Expanded name for clarity
V126	V126	Expanded name for clarity
V127	V127	Expanded name for clarity
V129	V129	Expanded name for clarity
V211	V211	Expanded name for clarity
V212	V212	Expanded name for clarity
V213	V213	Expanded name for clarity
V214	V214	Expanded name for clarity
V221	V221	Expanded name for clarity
V222	V222	Expanded name for clarity
V223	V223	Expanded name for clarity
V224	V224	Expanded name for clarity
V225	V225	Expanded name for clarity
V226	V226	Expanded name for clarity
V227	V227	Expanded name for clarity
V231	V231	Expanded name for clarity
V241	V241	Expanded name for clarity
V251	V251	Expanded name for clarity
V301	V301	Expanded name for clarity
V302	V302	Expanded name for clarity
V999	V999	Expanded name for clarity
W010	W010	Expanded name for clarity
W011	W011	Expanded name for clarity
W012	W012	Expanded name for clarity
W013	W013	Expanded name for clarity

Previous PSC	Current PSC	Rationale
W014	W014	Expanded name for clarity
W015	W015	Expanded name for clarity
W016	W016	Expanded name for clarity
W017	W017	Expanded name for clarity
W018	W018	Expanded name for clarity
W019	W019	Expanded name for clarity
W020	W020	Expanded name for clarity
W022	W022	Expanded name for clarity
W023	W023	Expanded name for clarity
W024	W024	Expanded name for clarity
W025	W025	Expanded name for clarity
W026	W026	Expanded name for clarity
W028	W028	Expanded name for clarity
W029	W029	Expanded name for clarity
W030	W030	Expanded name for clarity
W031	W031	Expanded name for clarity
W032	W032	Expanded name for clarity
W034	W034	Expanded name for clarity
W035	W035	Expanded name for clarity
W036	W036	Expanded name for clarity
W037	W037	Expanded name for clarity
W038	W038	Expanded name for clarity
W039	W039	Expanded name for clarity
W040	W040	Expanded name for clarity
W041	W041	Expanded name for clarity
W042	W042	Expanded name for clarity
W043	W043	Expanded name for clarity
W044	W044	Expanded name for clarity
W045	W045	Expanded name for clarity
W046	W046	Expanded name for clarity
W047	W047	Expanded name for clarity
W048	W048	Expanded name for clarity
W049	W049	Expanded name for clarity
W051	W051	Expanded name for clarity
W052	W052	Expanded name for clarity
W053	W053	Expanded name for clarity
W054	W054	Expanded name for clarity
W055	W055	Expanded name for clarity
W056	W056	Expanded name for clarity
W058	W058	Expanded name for clarity

Previous PSC	Current PSC	Rationale
W059	W059	Expanded name for clarity
W060	W060	Expanded name for clarity
W061	W061	Expanded name for clarity
W062	W062	Expanded name for clarity
W063	W063	Expanded name for clarity
W065	W065	Expanded name for clarity
W066	W066	Expanded name for clarity
W067	W067	Expanded name for clarity
W068	W068	Expanded name for clarity
W069	W069	Expanded name for clarity
W070	W070	Expanded name for clarity
W071	W071	Expanded name for clarity
W072	W072	Expanded name for clarity
W073	W073	Expanded name for clarity
W074	W074	Expanded name for clarity
W075	W075	Expanded name for clarity
W076	W076	Expanded name for clarity
W077	W077	Expanded name for clarity
W078	W078	Expanded name for clarity
W079	W079	Expanded name for clarity
W080	W080	Expanded name for clarity
W081	W081	Expanded name for clarity
W083	W083	Expanded name for clarity
W084	W084	Expanded name for clarity
W085	W085	Expanded name for clarity
W087	W087	Expanded name for clarity
W088	W088	Expanded name for clarity
W089	W089	Expanded name for clarity
W091	W091	Expanded name for clarity
W093	W093	Expanded name for clarity
W094	W094	Expanded name for clarity
W095	W095	Expanded name for clarity
W096	W096	Expanded name for clarity
W099	W099	Expanded name for clarity
X111	X1AA	New numbering scheme for facility-based codes
X112	X1AB	New numbering scheme for facility-based codes
X119	X1AZ	New numbering scheme for facility-based codes
X121	X1BA	New numbering scheme for facility-based codes
X122	X1BB	New numbering scheme for facility-based codes
X123	X1BC	New numbering scheme for facility-based codes

Previous PSC	Current PSC	Rationale
X124	X1BD	New numbering scheme for facility-based codes
X125	X1BE	New numbering scheme for facility-based codes
X126	X1BF	New numbering scheme for facility-based codes
X127	X1BG	New numbering scheme for facility-based codes
X129	X1BZ	New numbering scheme for facility-based codes
X131	X1CA	New numbering scheme for facility-based codes
X139	X1CZ	New numbering scheme for facility-based codes
X141	X1DA	New numbering scheme for facility-based codes
X142	X1DB	New numbering scheme for facility-based codes
X149	X1DZ	New numbering scheme for facility-based codes
X151	X1EA	New numbering scheme for facility-based codes
X152	X1EB	New numbering scheme for facility-based codes
X153	X1EC	New numbering scheme for facility-based codes
X154	X1ED	New numbering scheme for facility-based codes
X155	X1EE	New numbering scheme for facility-based codes
X159	X1EZ	New numbering scheme for facility-based codes
X161	X1FA	New numbering scheme for facility-based codes
X162	X1FB	New numbering scheme for facility-based codes
X163	X1FC	New numbering scheme for facility-based codes
X164	X1FD	New numbering scheme for facility-based codes
X165	X1FE	New numbering scheme for facility-based codes
X166	X1FF	New numbering scheme for facility-based codes
X169	X1FZ	New numbering scheme for facility-based codes
X171	X1GA	New numbering scheme for facility-based codes
X172	X1GB	New numbering scheme for facility-based codes
X173	X1GC	New numbering scheme for facility-based codes
X174	X1GD	New numbering scheme for facility-based codes
X179	X1GZ	New numbering scheme for facility-based codes
X181	X1HA	New numbering scheme for facility-based codes
X182	X1HB	New numbering scheme for facility-based codes
X183	X1HC	New numbering scheme for facility-based codes
X184	X1HZ	New numbering scheme for facility-based codes
X191	X1JA	New numbering scheme for facility-based codes
X192	X1JB	New numbering scheme for facility-based codes
X199	X1JZ	New numbering scheme for facility-based codes
X211	X1KA	New numbering scheme for facility-based codes
X212	X1KB	New numbering scheme for facility-based codes
X213	X1KC	New numbering scheme for facility-based codes
X214	X1KD	New numbering scheme for facility-based codes
X215	X1KE	New numbering scheme for facility-based codes

Previous PSC	Current PSC	Rationale
X216	X1KF	New numbering scheme for facility-based codes
X219	X1KZ	New numbering scheme for facility-based codes
X221	X1LA	New numbering scheme for facility-based codes
X222	X1LB	New numbering scheme for facility-based codes
X223	X1LC	New numbering scheme for facility-based codes
X224	X1LZ	New numbering scheme for facility-based codes
X231	X1MA	New numbering scheme for facility-based codes
X232	X1MB	New numbering scheme for facility-based codes
X233	X1MC	New numbering scheme for facility-based codes
X234	X1MD	New numbering scheme for facility-based codes
X235	X1ME	New numbering scheme for facility-based codes
X236	X1MF	New numbering scheme for facility-based codes
X237	X1MG	New numbering scheme for facility-based codes
X239	X1MZ	New numbering scheme for facility-based codes
X241	X1NA	New numbering scheme for facility-based codes
X242	X1NB	New numbering scheme for facility-based codes
X243	X1NC	New numbering scheme for facility-based codes
X244	X1ND	New numbering scheme for facility-based codes
X245	X1NE	New numbering scheme for facility-based codes
X249	X1NZ	New numbering scheme for facility-based codes
X291	X1PA	New numbering scheme for facility-based codes
X292	X1PB	New numbering scheme for facility-based codes
X293	X1PC	New numbering scheme for facility-based codes
X294	X1PD	New numbering scheme for facility-based codes
X299	X1PZ	New numbering scheme for facility-based codes
X300	X1QA	New numbering scheme for facility-based codes
Y111	Y1AA	New numbering scheme for facility-based codes
Y112	Y1AB	New numbering scheme for facility-based codes
Y119	Y1AZ	New numbering scheme for facility-based codes
Y121	Y1BA	New numbering scheme for facility-based codes
Y122	Y1BB	New numbering scheme for facility-based codes
Y123	Y1BC	New numbering scheme for facility-based codes
Y124	Y1BD	New numbering scheme for facility-based codes
Y125	Y1BE	New numbering scheme for facility-based codes
Y126	Y1BF	New numbering scheme for facility-based codes
Y127	Y1BG	New numbering scheme for facility-based codes
Y129	Y1BZ	New numbering scheme for facility-based codes
Y131	Y1CA	New numbering scheme for facility-based codes
Y139	Y1CZ	New numbering scheme for facility-based codes
Y141	Y1DA	New numbering scheme for facility-based codes

Previous PSC	Current PSC	Rationale
Y142	Y1DB	New numbering scheme for facility-based codes
Y149	Y1DZ	New numbering scheme for facility-based codes
Y151	Y1EA	New numbering scheme for facility-based codes
Y152	Y1EB	New numbering scheme for facility-based codes
Y153	Y1EC	New numbering scheme for facility-based codes
Y154	Y1ED	New numbering scheme for facility-based codes
Y155	Y1EE	New numbering scheme for facility-based codes
Y159	Y1EZ	New numbering scheme for facility-based codes
Y161	Y1FA	New numbering scheme for facility-based codes
Y162	Y1FB	New numbering scheme for facility-based codes
Y163	Y1FC	New numbering scheme for facility-based codes
Y164	Y1FD	New numbering scheme for facility-based codes
Y165	Y1FE	New numbering scheme for facility-based codes
Y166	Y1FF	New numbering scheme for facility-based codes
Y169	Y1FZ	New numbering scheme for facility-based codes
Y171	Y1GA	New numbering scheme for facility-based codes
Y172	Y1GB	New numbering scheme for facility-based codes
Y173	Y1GC	New numbering scheme for facility-based codes
Y174	Y1GD	New numbering scheme for facility-based codes
Y179	Y1GZ	New numbering scheme for facility-based codes
Y181	Y1HA	New numbering scheme for facility-based codes
Y182	Y1HB	New numbering scheme for facility-based codes
Y183	Y1HC	New numbering scheme for facility-based codes
Y184	Y1HZ	New numbering scheme for facility-based codes
Y191	Y1JA	New numbering scheme for facility-based codes
Y192	Y1JB	New numbering scheme for facility-based codes
Y199	Y1JZ	New numbering scheme for facility-based codes
Y211	Y1KA	New numbering scheme for facility-based codes
Y212	Y1KB	New numbering scheme for facility-based codes
Y213	Y1KC	New numbering scheme for facility-based codes
Y214	Y1KD	New numbering scheme for facility-based codes
Y215	Y1KE	New numbering scheme for facility-based codes
Y216	Y1KF	New numbering scheme for facility-based codes
Y217	Y1KF	Ended--covered in Y216 (now Y1KF)
Y219	Y1KZ	New numbering scheme for facility-based codes
Y221	Y1LA	New numbering scheme for facility-based codes
Y222	Y1LB	New numbering scheme for facility-based codes
Y223	Y1LC	New numbering scheme for facility-based codes
Y224	Y1LZ	New numbering scheme for facility-based codes
Y231	Y1MA	New numbering scheme for facility-based codes

Previous PSC	Current PSC	Rationale
Y232	Y1MB	New numbering scheme for facility-based codes
Y233	Y1MC	New numbering scheme for facility-based codes
Y234	Y1MD	New numbering scheme for facility-based codes
Y235	Y1ME	New numbering scheme for facility-based codes
Y236	Y1MF	New numbering scheme for facility-based codes
Y237	Y1MG	New numbering scheme for facility-based codes
Y239	Y1MZ	New numbering scheme for facility-based codes
Y241	Y1NA	New numbering scheme for facility-based codes
Y242	Y1NB	New numbering scheme for facility-based codes
Y243	Y1NC	New numbering scheme for facility-based codes
Y244	Y1ND	New numbering scheme for facility-based codes
Y245	Y1NE	New numbering scheme for facility-based codes
Y249	Y1NZ	New numbering scheme for facility-based codes
Y291	Y1PA	New numbering scheme for facility-based codes
Y292	Y1PB	New numbering scheme for facility-based codes
Y293	Y1PC	New numbering scheme for facility-based codes
Y294	Y1PD	New numbering scheme for facility-based codes
Y299	Y1PZ	New numbering scheme for facility-based codes
Y300	Y1QA	New numbering scheme for facility-based codes
Z111	Z1AA	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z111	Z2AA	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z112	Z1AB	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z112	Z2AB	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z119	Z1AZ	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z119	Z2AZ	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z121	Z1BA	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z121	Z2BA	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z122	Z1BB	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z122	Z2BB	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z123	Z1BC	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z123	Z2BC	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z124	Z1BD	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z124	Z2BD	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z125	Z1BE	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z125	Z2BE	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z126	Z1BF	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z126	Z2BF	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z127	Z1BG	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z127	Z2BG	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z129	Z1BZ	New numbering scheme to split maintenance from repair/alteration (blog #114)

Previous PSC	Current PSC	Rationale
Z172	Z2GB	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z173	Z1GC	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z173	Z2GC	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z174	Z1GD	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z174	Z2GD	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z179	Z1GZ	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z179	Z2GZ	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z181	Z1HA	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z181	Z2HA	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z182	Z1HB	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z182	Z2HB	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z183	Z1HC	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z183	Z2HC	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z184	Z1HZ	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z184	Z2HZ	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z191	Z1JA	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z191	Z2JA	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z192	Z1JB	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z192	Z2JB	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z199	Z1JZ	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z199	Z2JZ	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z211	Z1KA	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z211	Z2KA	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z212	Z1KB	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z212	Z2KB	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z213	Z1KC	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z213	Z2KC	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z214	Z1KD	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z214	Z2KD	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z215	Z1KE	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z215	Z2KE	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z216	Z1KF	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z216	Z2KF	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z217	Z1KF	Ended--covered in Z216 (now Z1KF and Z2KF)
Z217	Z2KF	Ended--covered in Z216 (now Z1KF and Z2KF)
Z219	Z1KZ	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z219	Z2KZ	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z221	Z1LA	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z221	Z2LA	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z222	Z1LB	New numbering scheme to split maintenance from repair/alteration (blog #114)

Previous PSC	Current PSC	Rationale
Z294	Z2PD	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z299	Z1PZ	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z299	Z2PZ	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z300	Z1QA	New numbering scheme to split maintenance from repair/alteration (blog #114)
Z300	Z2QA	New numbering scheme to split maintenance from repair/alteration (blog #114)