



DEPARTMENT OF THE NAVY  
OFFICE OF THE CHIEF OF NAVAL OPERATIONS  
2000 NAVY PENTAGON  
WASHINGTON, D.C. 20350-2000

IN REPLY REFER TO

OPNAVINST 4000.57G  
N4  
19 Jan 2012

OPNAV INSTRUCTION 4000.57G

From: Chief of Naval Operations

Subj: LOGISTICS SUPPORT OF THE TRIDENT SYSTEM

Ref: (a) OPNAVINST 4700.7L  
(b) COMSUBLANT/CTF42 OPORD 2000 (NOTAL)  
(c) COMSUBPAC OPORD 201 (NOTAL)  
(d) OPNAVINST 3502.5A  
(e) OPNAVINST 4710.31  
(f) Fleet Modernization Program (FMP) Management and Operations Manual (SL720-AA-MAN-010/020) (NOTAL)  
(g) OPNAVINST 1500.76B  
(h) TRIDENT Submarine ILS Program LSA Procedures Manual, NAVSEA 0900-061-5010 (Rev. B)  
(i) OPNAVINST 4441.12C  
(j) Naval Nuclear Material Management Manual, NAVSEA S9213-45-MAN-000 (NOFORN) (NOTAL)  
(k) OPNAVINST 4614.1G  
(l) SECDEF Memo Ser CM-0429-06 of 11 Aug 2006 (NOTAL)  
(m) OPNAVINST 4440.19E

Encl: (1) Logistics Support of the Trident System

1. Purpose. To outline policy and guidance for logistics support of the operational Trident System. Key changes to this instruction include adding provisions to incorporate ship submersible guided-missile, nuclear (SSGN) components and systems, as well as updating terms and references. This is a complete revision and should be reviewed in its entirety.

2. Cancellation. OPNAVINST 4000.57F.

3. Scope. This instruction addresses integrated logistic support (ILS) for the Trident System. The Trident System consists of Trident submarines, both ship submersible fleet ballistic-missile submarine, nuclear (SSBN) and SSGN, their associated Trident II Strategic Weapon System (SWS) or Attack Weapon System (AWS), and an integrated logistics shore support system. References (a) through (m) provide specific guidance, as referenced in enclosure (1).

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4. Policy

a. Logistics support of the Trident System will be in all respects consonant with the high importance of this weapon system relative to the national defense posture.

b. Policy for logistics support of the Trident System is set forth in enclosure (1).

c. Modifications to, or disestablishment of, logistics support systems that have interfaces with or have an impact on Trident System's logistics support will not be initiated or implemented without both prior approval of the Office of the Chief of Naval Operations (OPNAV) and coordination with Director, Strategic Systems Programs (DIRSSP).

5. Exception

a. This instruction does not apply to nuclear propulsion plants and associated test equipment under the cognizance of NAVSEASYS COM Deputy Commander for Nuclear Propulsion (NAVSEA 08). This instruction does not modify or supercede any instruction or document relative to equipment or systems under the cognizance of NAVSEA 08.

b. Policy for integrated logistics support for Trident systems under the cognizance of the United Kingdom (UK) is not included in this instruction. DIRSSP will issue guidance to address logistics support for UK Trident systems.

6. Action. All Navy activities supporting Trident logistics functions shall utilize the guidance contained in enclosure (1) for planning and implementation of logistics support for the Trident System.

7. Material Availability Reporting. Reports of gross and net supply availability for refit and submarine supply support will be obtained from the Strategic Systems Programs (SSP) logistics data warehouse (LDW). The performance reflected in these reports will be reviewed on a quarterly or adhoc basis, as required, by the Strategic Submarine Supply Support Review (S4R) forum. The S4R is composed of senior supply representatives from SSP; Commander, Submarine Forces/Submarine Force Atlantic; Commander, Submarine Force U.S. Pacific Fleet; Naval Supply

Systems Command (NAVSUPSYSCOM) Weapon Systems Support (NAVSUP WSS); Defense Logistics Agency (DLA); as well as Puget Sound Naval Shipyard and Intermediate Maintenance Facility (PSNS and IMF), Bangor, WA, and Trident Refit Facility (TRIREFFAC) Kings Bay, GA supply departments. LDW can be accessed by authorized representatives of the S4R stakeholder community. Real time supply support metrics can be evaluated to monitor or diagnose material support issues.

8. Records Management. Records created as a result of this instruction, regardless of media and format, shall be managed per Secretary of the Navy Manual 5210.1 of November 2007.

9. Reports Control. Report Control Symbol OPNAV 4000-16 is assigned to the effectiveness report contained in paragraph 4h of enclosure (1) and is approved for 3 years from the date of this instruction.



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**LOGISTICS SUPPORT OF THE TRIDENT SYSTEM**

**1. STRATEGIC WEAPON SYSTEM (SWS) AND ATTACK WEAPON SYSTEM (AWS) SUPPORT**

a. Requirements. SSP will ensure operational missiles are available to satisfy the following for each Trident submarine carrying ballistic or guided missiles:

(1) Shipfills for loading new construction, overhauled, and converted Trident submarines no later than 15 days prior to the scheduled deployment date of each Trident SSBN.

(2) Requirements for Chief of Naval Operations (CNO) approved missile test programs to permit complete surveillance of all missiles without degrading operational availability.

(3) Operational guided missiles will be provisioned per the Naval Air Systems Command (NAVAIRSYSCOM) Program Executive Office Unmanned Aviation and Strike Weapons Tomahawk All-Up Round Logistics Guide.

b. Missile Facilities. SWFPAC, Bangor, WA, and SWFLANT, Kings Bay, GA, and Naval Ordnance Test Unit (NOTU), Cape Canaveral, FL will provide Trident D5 ballistic missile support to Trident forces.

c. Missile and Related Equipment Maintenance Plan. The maintenance plan for DIRSSP furnished Trident SWS subsystems (i.e., missile, fire control, guidance, navigation, launcher, test instrumentation, and missile subsystem equipment) and SSGN AWS (i.e., Attack Weapon Control Subsystem, Multiple All-Up-Round Canister, Attack Weapon Support System (AWSS)) will be expressed in appropriate DIRSSP instructions and in DIRSSP approved maintenance and operations manuals for specific equipment.

d. Weapon System Configuration Management. SSP shall provide configuration management and life cycle management for the Trident SWS and AWS.

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## 2. TRIDENT SUBMARINE (SSBN and SSGN) SUPPORT

a. Maintenance Plans. The Naval Sea Systems Command (NAVSEASYSKOM) shall establish and maintain maintenance plans for all Trident submarines, both SSBNs and SSGNs, per reference (a). These plans will encompass all shipboard systems, subsystems, equipment, and components. Equipment and systems under the cognizance of NAVSEA 08 will be established and maintained following directives issued by that activity. Equipment and systems under the cognizance of SSP will be established and maintained per directives issued by SSP.

b. Trident System Integrated Logistics. The Trident System consists of Trident submarines (SSBNs and SSGNs), their Trident II SWS or AWS, and a logistics support structure which will be planned, designed, and maintained commensurate with the operational availability requirements of Trident submarines. Per references (b) and (c), Trident SSBNs are designed to operate on a 100-day cycle. This cycle consists of 65 days at sea on patrol and 35 days off patrol, including an approximate 21-day period between patrols for refit, incremental overhauls, appropriate modernization, and resupply. Trident SSGNs operate on a much more dynamic schedule. To maximize the operational availability of this small submarine class, SSGNs operate for extended periods of time away from homeport. To provide sustained forward deployed presence, SSGNs receive maintenance and logistics support from homeport fly-away teams and submarine tenders. To support these operational cycles, each Trident submarine has two complete crews assigned. An ILS system has been developed to achieve and maintain this operational cycle throughout the life of the Trident submarine. Basic concepts of the Trident logistics program include:

(1) SSP will coordinate and issue guidance on CNO approved policy for Trident SWS and AWS training. Commander, Naval Education and Training Command (NETC) will ensure Trident training facilities (TRITRAFACs) are provided to support training requirements. NAVSEASYSKOM cognizant training will be supported per reference (d).

(2) SSBNs will have all refits conducted at either TRIREFFAC Kings Bay, GA or PSNS and IMF Bangor, WA. SSGNs also will have refits performed at Kings Bay, GA or Bangor, WA. While deployed, SSGNs may have refits conducted either by a

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homeport fly-away team or by a submarine tender. Operational and logistics support commands will be maintained under appropriate budget submission office to support Trident submarine maintenance, training, replenishment and operational requirements. At a minimum, these organizations will include Trident submarine group and squadron commanders; Trident training, refit (replenishment), and base support facilities for Trident submarines; and strategic and tactical weapons facilities support of specific weapons. If direct command relationships between fleet commands and support activities are not present, additional duty relationships will be established.

(3) Trident command and control system computer software maintenance will be performed by a dedicated Trident command and control maintenance activity under the cognizance of NAVSEASYSKOM.

(4) System designs will reflect equipment configuration which is designed for maximum accessibility and removability, with extensive emphasis on performance monitoring and planned maintenance and module or component replacement vice piece-part repair. Planned maintenance system tasks performed during patrols, with a periodicity of monthly or less, will not require more than 2 hours of system or equipment off-line time.

(5) A dedicated task force embodying the technical skills and resources of NAVSUP WSS, Naval Sea Logistics Support Center, or other SSP designated entities will provide life cycle technical and administrative support of the LDW, the Logistics Data System (LDS), and other supply support programs. SSP will issue or revise appropriate directives which will ensure the coordination of these activities.

(6) Trident systems and equipment are designed to minimize the requirements for at-sea preventive and corrective maintenance. Corrective maintenance during patrol will normally consist of module, assembly, or minor component replacement. However, this maintenance concept will not negate the requirement for crew training, technical documentation, repair parts, and spares to support more extensive corrective maintenance actions while on patrol if the need arises.

(7) PSNS and IMF Bangor and TRIREFFAC Kings Bay intermediate maintenance responsibilities include, in priority



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sequence: (1) support of operational Trident submarines, (2) Trident Planned Equipment Replacement (TRIPER) Program (discussed in paragraph 2c) maintenance, (3) support of the TRITRAFACs, (4) other program I activities, and (5) non-Trident activities. Program I activities are those programs that are in direct support of Trident and are authorized to use the "X" project code reserved for the Trident program.

c. Refit, Engineered Overhaul and Incremental Overhaul of Trident Submarines. Trident logistics support will be based on a maintenance concept that provides for a progressive, incremental overhaul including accomplishment of planned and corrective maintenance and directed modernization actions during the refit maintenance period. The Trident maintenance concept will include emphasis on accomplishment of maintenance ashore, rotatable pool and off-hull maintenance of selected equipment, prestaging of material resources, use of performance monitoring and disciplined alteration and improvement programs. The Trident class maintenance plan will identify the technical requirements for organizational, intermediate and depot level maintenance.

(1) Refit of Trident Submarines. Maintenance facilities will conduct routine refits and progressive, incremental overhauls and backfits of Trident submarines.

(2) Engineered Overhaul and Extended Refit for Trident Submarines. During its operational life cycle, each Trident submarine will periodically undergo an engineered refueling overhaul (ERO) or extended refit period (ERP). NAVSEASCOM will coordinate planning with SSP and the appropriate type commander (TYCOM) to ensure Trident submarine EROs or ERPs are accomplished per CNO schedules at shipyards or repair facilities that have the capability to conduct these overhauls.

(3) Incremental Overhaul of Trident Submarines. The refurbishment of Trident shipboard equipment will not be deferred until scheduled ship's ERO or ERP, unless the equipment can be expected to operate reliably for the full operating period and such equipment refurbishment can be accomplished during the ERO or ERP without jeopardizing the duration of the ERO or ERP. Instead, equipment will be refurbished on a planned basis by PSNS and IMF Bangor and TRIREFFAC Kings Bay conducting progressive, incremental overhauls during regular refit periods

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by the use of a rotatable pool of selected shipboard equipment. This program is managed by NAVSEASYSKOM and is named the Trident Planned Equipment Replacement (TRIPER) Program. Details on the TRIPER program can be found in reference (e). Equipment under the cognizance of SSP and NAVSEA 08 will not be included in the TRIPER Program; however, SSP will review and comment on strategic weapon support system and AWSS maintenance plans in the TRIPER Program and will provide requirements to NAVSEASYSKOM for incorporation in TRIPER documentation.

d. Replenishment (Refit) Sites for Trident Submarines.

Trident submarines will be operated from and routinely supported by PSNS and IMF Bangor and TRIREFAC Kings Bay and strategic weapons facilities (SWFs), which will be capable of providing a full range of repair and maintenance services, including repair of special nuclear and SWS and AWS components. Trident submarine refit sites are established as follows:

(1) Bangor, WA: PSNS and IMF Bangor and Strategic Weapons Facility, Pacific (SWFPAC)

(2) Kings Bay, GA: TRIREFAC, Kings Bay, GA and Strategic Weapons Facility, Atlantic (SWFLANT)

e. Test and Measurement Equipment (T&ME) for Trident SSBN and SSGN Submarines. SSP will establish, implement and maintain a support and test equipment control system to ensure the availability and support of T&ME used on board Trident SSBNs and SSGNs and Trident support activities located at Bangor, WA and Kings Bay, GA. Policy for acquisition, configuration control, quality assurance, repair, calibration and management of T&ME for the Trident SSBN and SSGN system will be issued by SSP. NAVSEASYSKOM will provide similar support for radiac equipment.

f. Modernization and Configuration Management for Trident Submarines. NAVSEASYSKOM will ensure modernization and configuration management of Trident submarines, Trident support equipment (with the exception of SSP and NAVSEA 08 equipment) and related facilities are controlled, per reference (f), to ensure no change has an adverse impact on the Trident submarine refit and patrol cycle or on the continuity and integration of logistics support. This requirement applies to all types of changes. Trident modernization is implemented as part of the Trident configuration management program under the cognizance of



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the NAVSEASYSKOM strategic submarine program manager. OPNAV Submarine Warfare Division (OPNAV (N87)) will exercise oversight and approval authority for both hull, ordnance and electronics (HOE) modernization and the Command and Control System Class Improvement Program. NAVSEASYSKOM will ensure the following:

(1) The Trident System is delivered with a known system, equipment, component, software and documentation configuration baseline.

(2) Only changes that are both required and actually can be accomplished will be developed. Changes will be approved only after schedules are established that define the planned completion date for each installation.

(3) Changes will be accomplished only after full ILS of the altered items and affected shore site equipment is available and adequate life cycle funding is identified. ILS includes items such as training facilities, tactical and training unique equipment and training materials, per reference (g).

(4) Alterations to tactical computer and tactical support computer software and hardware will be accomplished only after successful system testing, certification and approval of an off-hull test and evaluation facility. Alterations to training unique computer software and hardware will also be accomplished only after successful testing, certification and approval at an off-site facility when conducting these operations at the training site would have an impact on training.

g. Logistics Support Analysis (LSA) for Trident Submarines. NAVSEASYSKOM will ensure life cycle LSA is accomplished on new or modified HOE equipment for Trident submarines per procedures contained in reference (h). The LSA record resulting from this process is the primary source for deriving Trident submarine logistics support requirements.

h. Performance Monitoring for Trident Submarines. NAVSEASYSKOM will maintain a performance monitoring program (PMP) throughout the operational life of the Trident submarine. Monitoring will include surveillance inspections, trend assessment and analysis, performance tests, review of repair and maintenance documentation and analysis of equipment and systems.

Results of the PMP will be incorporated in the class maintenance plan, refit planning, and engineered overhaul and ERP planning, as required.

i. Technical Documentation for Trident Submarines. SSP, NAVSEASYSKOM, NAVAIRSYSKOM and Space and Naval Warfare Systems Command will ensure life cycle accuracy and availability of technical documentation for their respective equipment for all shipboard and training site systems. The organizational structures at PSNS and IMF Bangor and TRIREFFAC Kings Bay will include a technical documentation support system managed per current direction for local Trident commands including the PSNS and IMF Bangor and TRIREFFAC Kings Bay, TRITRAFACs and Trident submarines. NAVSEA 08 and SSP will maintain control of technical documentation pertaining to the systems and equipment under their cognizance.

j. LDS for Trident Submarines. SSP will establish and maintain a Trident LDS to aid in maintenance and supply management and provide ILS information to logistics element managers, participating managers and operational users in support of their life cycle responsibilities. LDS is the program of record for Trident maintenance planning and will continue to be, until replaced by an SSP-approved application with similar capability that supports the unique Trident maintenance requirements of refit and incremental overhauls. Alterations to Trident LDS hardware and software will be accomplished only after SSP approval and successful system testing and certification at an off-site test and evaluation facility.

3. COMMUNICATIONS SYSTEMS SUPPORT REQUIREMENTS. The command or budget submission office and life cycle manager responsible for maintenance of Trident related communications equipment will ensure the spares, repair parts and consumable items required to support this equipment are maintained per reference (i).

#### 4. MATERIAL SUPPORT

a. Support Concept. Material support of Trident systems will be structured as follows:

(1) NAVSEASYSKOM will establish and maintain a rotatable equipment pool of selected equipment applicable to all Trident

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submarines to achieve the progressive, incremental overhaul of these submarines discussed in paragraph 2c. Policy and process of the TRIPER Program is governed by reference (e).

(2) Trident submarines will be provided consolidated shipboard allowance lists (COSALs) for missile weapon systems support (i.e., missile, fire control, guidance, navigation, launcher, test instrumentation and missile subsystem equipment) or AWS support, reactor plant (Q-COSAL) equipment support and HOE equipment support tailored to onboard equipment and the related maintenance requirements.

(3) DLA, PSNS and IMF Bangor, and TRIREFFAC Kings Bay will be provided tailored Trident load lists designed to support their mission as logistics replenishment support points for Trident system supported units and activities, such as TRITRAFACs, selected service craft and direct support telecommunication activities in support of the Trident program. SSP, NAVSUPSYSCOM and NAVSEASYSYSCOM will provide load list support for TRITRAFACs organizational level maintenance requirements consistent with effectiveness goals established for Trident submarines.

b. Allowance and Load Lists. SSP has overall responsibility for the development, computation, issuance and accuracy of allowance and load lists for Trident submarines, DLA PSNS and IMF Bangor, TRIREFFAC Kings Bay, Trident support facilities and other Trident program ships. Models used for this purpose will be approved by SSP and OPNAV Logistics Programs and Corporate Operations Division (OPNAV (N41)). SSP has overall responsibility for the assignment of military essentiality codes (MEC) that provide a relative ranking system for measuring the effect of part failures on the capability of Trident submarines to perform their mission. The MEC, plus historical or predicted Trident program usage data, will be used in the computation of shipboard allowances and load lists. Items allowed as onboard repair parts (ORPs) in the allowance lists are to be within the maintenance capability of the activity. Reactor plant support aspects of such load lists, MEC assignments and allowance lists will be concurred with by NAVSEA

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08 and NAVSUP WSS Nuclear Reactors Supply Chain Management Directorate (Code 87) and will be per reference (j) and NAVSEA 08 enterprise business system policy.

c. Trident Submarine Supply Support. A COSAL provides the first level of onboard support and will constitute the initial allowance for each Trident submarine. The COSAL will be designed to provide the range and depth of repair parts, operating space items, equiptage and consumables required to support organizational level planned and corrective maintenance for a period not to exceed 90 days. The depth of repair parts will be provided to ensure the following:

(1) 99.99 percent average protection against probability of stockout for items that, if not available, would cause total missile launch degradation or termination of patrol.

(2) 99 percent average protection against probability of stockout for items that, if not available, would partially degrade the missile launch capability.

(3) 90 percent average protection against probability of stockout for all other items.

(4) Standards for the Q-COSAL and associated repair parts and allowance items will be as directed by NAVSEA 08.

d. Trident Supply Support. NAVSUPSYSCOM Fleet Logistics Center (NAVSUP FLC) Puget Sound and TRIREFFAC Kings Bay perform retail inventory management of a tailored Trident load list which provides supply support for the Trident System. The purpose of this load list is to support the unique refit maintenance and submarine re-supply cycle used to support the Trident submarines. The policy for determination of load list quantities, range of material, budgeting, revisions and update procedures will be developed and issued by SSP. To ensure the continued robustness and reliability of the Trident System, the Trident load list will continue to be used to establish retail inventory levels. Under any future inventory management scenario, the Trident load list will be the program of record for retail supply support requirements unless authorized by SSP.

e. ERO or ERP Supply Support. SSP Supply Support Department (S3D) NAVSUP FLC Puget Sound and TRIREFFAC Kings Bay

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will support Trident Repair Parts Analysis Program (TRAP) functions as delineated in the Material Support Program Management Plan for each Trident submarine undergoing ERO or ERP at submarine's homeport. For submarines undergoing ERO or ERP at locations other than the submarine's homeport, the TYCOM will perform audits of the TRAP operations performed by the site integrated logistics overhaul team. TRAP functions include physical inventory, identification, management and temporary storage of OBRPs; identification of OBRP deficiencies and turn-in of excesses; verification of usage life of shelf-life material; and ensuring material required by Trident submarines is on board prior to deployment. NAVSUP WSS (Code 87) will accomplish tasks related to reactor plant repair part outfitting of Trident submarines in ERO or ERP.

f. Supply System Support. Material for replenishment of stocks in Trident submarine COSALs and shore-based load lists will be stocked by the Navy supply system, DLA, or the General Services Administration and positioned at DLA PSNS and IMF Bangor, NAVSUP FLC Puget Sound S3D and TRIREFFAC Kings Bay. SSP will ensure supply system support of the Trident systems is sustained at the level necessary to meet the material availability goals set forth in paragraph 4g. In the accomplishment of these goals, SSP, NAVSUPSYSCOM, NAVSEASYSKOM, NETC and the fleet commanders will ensure funding for support of the Trident systems is planned, programmed, budgeted and executed.

g. Material Availability Goals. Material availability goals are established for all echelons of support. For each echelon, these goals are expressed in one or more of the following material availability computations: gross supply availability (percentage of all stock numbered items, activity control numbers for SWS and temporary Navy item control numbers for HOE, requested that were available at the time requisitioned), net supply availability (percentage of the items carried in stock at the activity that were available at the time requisitioned) and Trident submarine refit period supply system gross availability (percentage of all stock numbered items requested by a Trident submarine during a refit period and supplied from all sources during the same refit period). These measures will be termed gross, net and system gross respectively. Goals are defined below and listed in appendix A



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of this enclosure for convenience. Nuclear reactor plant material availability goals will be established by NAVSEA 08.

(1) Trident SSBN and SSGN Submarine Material Availability Goals. The Trident SSBN and SSGN submarine patrol period gross supply availability goal is 95 percent and 90 percent, respectively.

(2) IMF and TRIREFFAC Kings Bay Material Availability Goals. Material to support the repair and resupply of Trident SSBN and SSGN systems will be stocked at the level necessary to support the following availability goals. For requisitions bearing Trident project code X, the material availability goals are 90 percent net Trident applicable HOE material and 95 percent net for SWS material. For requisitions bearing project code "F," the material availability goals are 88 percent net for SSGN applicable HOE material and 93 percent net for AWS material. Nuclear material availability goals are managed by NAVSEA 08.

(3) Refit Material Availability Goal. For Trident SSBN submarine requisitions submitted during a refit period, a goal of 95 percent for system gross is established for material supplied from all sources. For Trident SSGN submarine requisitions submitted during a major maintenance period (MMP), a goal of 93 percent system gross is established for material supplied from all sources. System gross availability percentages less than 90 percent will be the subject of special review action by the TYCOM. For the purpose of calculating this measure, issue group III and non-standard requisitions will be excluded.

h. Material Availability Reporting. Reports of gross and net supply availability for refit and submarine supply support will be obtained from the SSP LDW. LDW can be accessed by authorized representatives of the S4R stakeholder community. Real time supply support metrics can be evaluated to monitor or diagnose material support issues.

(1) Monitoring and evaluation of supply support metrics associated with Trident supply support will be conducted via the S4R forum. Monitoring will address actual performance relative to the goals established in appendix A of this enclosure.



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(2) Trident submarines will submit Shipboard Non-tactical Automated Data Processing Program (SNAP) generated current ship's maintenance project upline reports or Optimized Naval Tactical Command Support System material maintenance management upline reports via squadron maintenance data collection offices.

i. Protection Level Material Availability. In addition to maintaining sufficient material to achieve the availability goals cited above, SSP, in conjunction with NAVSEASYSKOM and NAVSUPSYSKOM, will ensure the stocking of at least one minimum replacement unit of all items that, if not available, would degrade the mission of any Trident submarine.

j. Onboard Requirements. Trident submarines will have, at a minimum, 99 percent of the range of spares, repair parts and equipment-related consumables required by the most recent COSAL allowance lists on board prior to deployment. Additionally, 100 percent of the range and depth of allowed Q-COSAL reactor plant material should be on board or on order at all times, per reference (j). If the above standards are not achieved, the decision to deploy will be determined by the operational commander.

k. Fleet Submarine Logistics Support Offices. To provide effective support of Trident submarines through their life cycle, including new construction predeployment post shakedown availability and ERO or ERP, TRIREFAC Global Support Branch Kings Bay, GA and Priority Material Office Bremerton, WA have been established. These activities will provide a focal point through which Commander, Submarine Forces/Submarine Force Atlantic and Commander, Submarine Force U.S. Pacific Fleet will exercise supply responsibilities, procedures and policies for the Trident systems assigned to U.S. Fleet Forces Command (USFLTFORCOM). Submarine TYCOMs will provide detailed responsibilities for the submarine logistics support offices in conjunction with SSP and NAVSEASYSKOM.

l. Trident Uniform Material Movement and Issue Priority System (UMMIPS) Policy. UMMIPS requirements, as defined in reference (k), are applicable to Trident systems.

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m. Force/Activity Designators (F/ADs). The F/ADs are used to determine the priority designator that expresses the urgency of issue transactions and material movement. For Trident systems, F/ADs are:

(1) F/AD I is assigned by the Secretary of Defense. Per reference (1), F/AD I applies to Trident SSBNs, squadrons, NAVSUP FLC Puget Sound, DLA, PSNS and IMF Bangor, TRIREFFAC Kings Bay, TRITRAFACs, SWFs, program support ships, shipyards, other Navy and contractor activities when responding to Trident program requirements; and Trident load list replenishment requirements which meet the criteria established by OPNAV (N41), NAVSUPSYSCOM and SSP.

(2) F/AD II applies to Trident SSGNs, squadrons, PSNS and IMF Bangor, TRIREFFAC Kings Bay; SWFs; program support ships, shipyards, other Navy and contractor activities when responding to SSGN program requirements; and Trident load list replenishment requirements which meet the criteria established by OPNAV (N41), NAVSUPSYSCOM and SSP.

(3) F/AD III applies to training facilities, submarine bases (SUBASEs) and industrial activities including depot production and fourth level test and repair activities. F/AD I applies to these activities when responding to Trident SSBN requirements, TRIPER Program refurbishment requirements or reactor plant component refurbishment requirements. F/AD II applies to these activities when responding to Trident SSGN requirements, TRIPER Program refurbishment requirements, or reactor plant component refurbishment requirements.

n. Requisition Priority Limitations. The following limits are placed on the number of requisitions bearing high priority designators. All requisitioners shall ensure priority assignments are based on strict application of F/ADs and on urgency of need designators following the ship's operational status.

Other/Activity Categories	Ratio of total requisitions that may bear Priority Designators 01-08
TRIREFFACs, TRITRAFACs, SWFs	80%
Surface ships in support of Trident systems	55%
Shipyards, NOTU and other industrial activities	50%
Research, development and laboratory activities	40%
Other shore-supporting activities (e.g., SUBASE)	25%

o. Transportation of Material. All Trident SWS and AWS material will be shipped by traceable means only. Funding for all transportation will be furnished by NAVSUPSYSCOM and SSP via transportation account codes. Surface transportation is preferred for shipment of Trident SWS and AWS material. High priority material requirements that cannot be satisfactorily met by surface transportation will be filled by air shipments. USFLTFORCOM or designated logistics or transportation agents will determine airlift requirements and exercise strict movement control over material for Trident forces.

p. Cannibalization and Diversion of Trident Submarine Equipment, Components, Spares and Repair Parts. Cannibalization or diversion of government and contractor-furnished Trident material, excluding equipment and systems under the cognizance of NAVSEA 08, will follow procedures established by reference (m) and SSP, NAVSEASYSYSCOM, NAVSUPSYSCOM, NETC and fleet commanders. Strict accountability of all cannibalized or diverted Trident submarine equipment and components will be maintained by submarine TYCOMs.

APPENDIX A

TRIDENT SSBN and SSGN  
 SYSTEM MATERIAL AVAILABILITY/GOALS (PERCENTAGES)

	Patrol	Shore Maintenance and Resupply 30 Day Refit			
	Gross Availability (4g(1))	Monthly Material Net Availability (4g(2))		Refit Supply System Gross Availability (4g(3))	
	Combined	SWS	HOE	SWS	HOE
SSBN	95	95	90	95	95

	Patrol	Shore Maintenance and Resupply 100 Day MMP			
	Gross Availability (4g(1))	Monthly Material Net Availability (4g(2))		MMP Supply System Gross Availability (4g(3))	
	Combined	AWS	HOE	AWS	HOE
SSGN	90	93	88	93	93