



DEPARTMENT OF THE NAVY
OFFICE OF THE SECRETARY
1000 NAVY PENTAGON
WASHINGTON, DC 20350-1000

IN REPLY REFER TO

OPNAVINST 4020.15M
N413D
17 Nov 99

OPNAV INSTRUCTION 4020.15M

From: Chief of Naval Operations

Subj: PEACETIME OPERATING STOCK AND WAR RESERVE REQUIREMENTS AND STOCK FOR PETROLEUM PRODUCTS

Ref: (a) DoD Directive 4140.25 of 20 Apr 99 (NOTAL)
(b) Joint Pub 4-03, Joint Petroleum Doctrine, 25 Jul 95 (NOTAL)
(c) DoD 4140.25-M, Vol. II, Chapter 11 of Jun 94 (NOTAL)

Encl: (1) Definitions
(2) Actions Required to Process Petroleum War Reserve Requirements and Peacetime Operating Stock Levels
(3) List of Sites by Commander in Chief (CINC)

1. Purpose. To implement references (a), (b), and (c) within the Department of the Navy with respect to the policy and procedures for computing and promulgating peacetime operating stock and war reserve requirements and stocks for fuels and lubricating oils used by the operating forces of the Navy, Marine Corps (USMC), Military Sealift Command (MSC), and Coast Guard (USCG). This instruction has been completely revised and should be reviewed in its entirety.

2. Cancellation. OPNAVINST 4020.15L.

3. Definitions. Technical terms used in this instruction are defined in enclosure (1).

4. Policy

a. The Defense Energy Support Center (DESC) develops and issues an annual Inventory Management Plan (IMP) for petroleum products in coordination with the Military Services, Commanders in Chief Joint Petroleum Officers (CINC-JPOs), DESC Regions (DESCRs), and DESC Offices (DESCOs). The IMP specifies storage and requirement data at Defense Fuel and Supply Points (DFSPs), Naval Stations/Air Stations, and Marine Corps Bases/Air Stations for Peacetime Operating Stock (POS) and Petroleum War Reserve Stock (PWRS), formerly known as Bulk Petroleum War Reserve Stock (BPWRS).

b. POS is the maximum amount of fuel required to sustain peacetime operations. POS levels for each product are computed annually by DESC for each DFSP using the procedures and formula established by reference (c). DESC distributes the POS figures to the Military Services,

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CINC-JPOs, and DESCRs for review and validation. Comments and recommended changes for Navy and Marine Corps POS levels will be forwarded to DESC via Navy Petroleum Office (NAVPETOFF) for continental United States (CONUS) locations and CINC-JPOs for overseas locations.

c. PWRS shall be based upon a Petroleum War Reserve Requirement (PWRR) which will be sized to meet the most demanding Operational Plan (OPLAN) requirement for each location, until resupply can be effected from a secure source. PWRS is in addition to POS and consists of stocks to support deployment and combat operations. PWRS shall be positioned at or near the point of intended use to minimize transportation requirements and disruptions of supply lines by hostile forces. PWRS may be subject to storage and funding availability. PWRS less than 150 barrels may not be practical to stock.

(1) CONUS PWRS must directly support an OPLAN. They shall be limited to a stockage level for mobility requirements, strategic air operations, deploying ships and submarines, self deploying tactical aircraft (C-130s, FA-18s, P-3s, EA-6Bs, etc.), civil defense requirements approved by the Office of the Deputy Under Secretary of Defense for Logistics (ODUSD(L)), and logistics requirements in support of strategic operations, such as ship load-outs and aerial refuelings.

(2) Overseas PWRS shall support military operations in each Unified Combatant Commander's theater and shall make maximum use of commercial and host nation sources of supply to meet PWRR. It recognizes Petroleum support as a national and Service responsibility. Where written agreements between the U.S. and a host nation can be obtained for contingency petroleum support, the CINC-JPOs must validate that the source is dependable and adjust their PWRR accordingly. In most cases, the host nation will not formally agree to provide contingency petroleum support, but has taken informal actions for the CINC to assume that such support will/may be provided. In such cases, the CINC will have to request PWRS against any informal host nation initiative.

(3) Responsible commands identified in paragraph 5 shall monitor stocks of petroleum products to ensure forces are provided timely and continuous petroleum support under any expected operational environment(s).

(4) Theater-wide PWRS is considered inviolate and will not be issued by terminal operators without approval from the Fleet CINC for CONUS activities, or the appropriate CINC-JPO for overseas activities.

(5) Reference (c) specifies the following categories of petroleum supplies that will be counted as PWRS:

(a) Department of Defense (DoD) Stock. DoD stocks specifically identified as PWRS and held inviolate, including those designated stocks aboard floating storage.

(b) Host Nation Support (HNS). Dedicated, set-aside, and quantified stocks of military-suitable products maintained for U.S. use by host nations or treaty organizations, under written agreement or alliance policy with U.S. authorities. Commitments by host nations/allies to provide fuel from their refineries or civil stocks may be countable in support of contingency fuel needs if documented in writing and incorporated into HNS or alliance policy agreements.

(c) CONUS Intransit War Reserve Materiel (WRM). At CONUS locations where resupply from commercial sources is assured, specific quantities of military-suitable products that could be reasonably expected to be available to meet a portion of the PWRR. These quantities will be based on historical resupply lead-times.

(6) The following categories of petroleum supplies will not be counted as PWRS:

(a) POS

(b) Military stocks in transit in tankers, underway replenishment ships, or other forms of transportation (except for those designated stocks addressed in paragraphs 4c(5)(a) and 4c(5)(c)).

(c) Refinery production capacity (except as stated in paragraph 4c(5)(b)).

(d) Fuel dispensed to consuming equipment or issued to user operating tanks.

5. Responsibilities. The responsibilities of various commands involved with the computation of PWRR are outlined below. Enclosure (2) provides a time line for these actions. Enclosure (3) is a list of activities by major command to be used as a checklist for PWRR and/or POS input.

a. Chief of Naval Operations (N41) will:

(1) Establish DoN policy on PWRR.

(2) Establish guidelines and policy on sources and use of Navy-specific consumption rates.

(3) Maintain this instruction.

b. Commanding Officer, Navy Petroleum Office (NAVPETOFF) will:

- (1) Assist CNO in centrally issuing consumption rates for DoN ships and aircraft.
- (2) Maintain and update procedures for accomplishing assigned actions in enclosure (2).
- (3) Perform assigned actions in enclosure (2).
- (4) Serve as the USMC Service Control Point (SCP) for CONUS POS.
- (5) Review and forward any Department of the Navy POS change recommendations received to DESC.

c. Fleet Commanders in Chief (FLT CINCs), Commander in Chief U.S. Navy Europe (CINCUSNAVEUR), and Commander, U S Naval Forces Central Command (COMUSNAVCENT)) will:

- (1) Determine wartime petroleum demands based on the Unified Combatant Commander's OPLANs.
- (2) Utilize CNO published wartime consumption rates in determining PWRR.
- (3) Establish the daily wartime demand profile.
- (4) Compute **overseas PWRR**, by location and product, for afloat forces and consolidate them with requirements from the USMC, MSC, and USCG, if applicable. USMC input will come from the respective Commander Marine Forces (MARFORLANT or MARFORPAC) for afloat-based Amphibious Landing Forces only. The PWRR will represent the most demanding requirement at each location. The PWRR will be forwarded to the appropriate CINC-JPO/Unified Combatant Commander.
- (5) Compute **CONUS PWRR** (FLT CINCs only), by location and product, for ashore facilities, if required, and consolidate them with requirements from COMSC and USCG. The PWRR will be forwarded to DESC with an information copy to the appropriate CINC-JPO.
- (6) Coordinate POS reviews and change recommendations.

(7) Identify DoD storage locations for PWRS near the planned area of usage to the maximum extent feasible. In instances where theater storage is inadequate to satisfy established PWRR levels, coordinate with Unified Combatant Commanders to make use of available stocks in adjacent theaters. Assist and coordinate with the CINC-JPO, DESC and CNO in identifying locations where leased storage, treaty organization infrastructure programs, and/or the military construction programs are necessary to meet Navy PWRR.

(8) Perform assigned actions in enclosure (2).

d. Commandant of the Marine Corps (CMC) (through Code LPP/USMC Petroleum Office located at Fort Lee, Virginia) will:

(1) Issue and maintain procedures for accomplishing assigned actions in enclosure (2).

(2) Coordinate and submit CONUS PWRR for land-based forces and MCASs/Marine Corps Base (MCBs) from MARFOR Commands to DESC.

(3) Coordinate USMC POS reviews and change recommendations. (The USMC Petroleum Office is the CMC (Code LPP) liaison to NAVPETOFF for USMC POS issues).

e. Commanders Marine Forces Pacific and Atlantic (MARFORPAC/MARFORLANT) will:

(1) Determine wartime petroleum demands based on the Unified Combatant Commander's OPLANs.

(2) Determine USMC-specific wartime consumption rates.

(3) Establish the daily wartime demand profile.

(4) Compute overseas PWRR, by location and product, for afloat-based Amphibious Landing Forces; land based Marine Air Ground Forces (MAGTF) and MCASs/MCBs. The PWRR will be forwarded to the appropriate CINC-JPO, or FLT CINC for afloat based Amphibious Landing Forces requirements.

(5) Compute CONUS PWRR, by location and product, for land-based forces and MCASs/MCBs. The PWRR will be forwarded to the CMC (Code LPP)/USMC Petroleum Office.

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(6) Issue and maintain procedures for accomplishing assigned actions in enclosure (2).

f. Commander Naval Air Systems Command (COMNAVAIRSYSCOM), Chief of Naval Education and Training (CNET), and Commander, Naval Reserve Force (COMNAVRESFOR) will:

(1) Coordinate POS reviews and change recommendations.

(2) Perform assigned action in enclosure (1).

g. Commander, Military Sealift Command (COMSC) will:

(1) Issue and maintain procedures for accomplishing assigned actions in enclosure (2).

(2) Perform assigned actions in enclosure (2).

(3) Maintain and centrally issue MSC-specific consumption rates for MSC ships.

h. Commandant, U.S. Coast Guard (USCG) will:

(1) Issue and maintain procedures for accomplishing assigned actions in enclosure (2).

(2) Perform assigned actions in enclosure (2).

(3) Maintain and centrally promulgate USCG-specific consumption rates.

6. Action. Addresses designated in enclosure (2) shall discharge their defined responsibilities.

J. F. AMERAULT
By direction

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Copy to:
Defense Fuel Supply Center
OPNAV (N3, N4, N44, N51, N8) and (N413)

DEFINITIONS

1. Bulk Petroleum Products. Liquid petroleum products which are normally transported by pipeline, tank car, tank truck, barge, or tanker and stored in a container having a fill capacity greater than 55 U.S. gallons.
2. Petroleum War Reserve Requirements (PWRR). That portion of the war reserve requirement that Defense Guidance dictates be reserved and pre-positioned prior to hostilities at or near the point of planned use to reduce reaction time and to ensure timely support until resupply from a secure source.
3. Petroleum War Reserve Stock (PWRS). The on-hand assets designated to satisfy the PWRR.
4. Naval Fleet Auxiliary Force (NFAF). Military Sealift Command (MSC) ships which operate under the operational control of the FLT CINCs and provide underway logistics and/or Fleet support.
5. Peacetime Operating Stock (POS). The maximum quantity of fuel and lubricant oils authorized to be on-hand to sustain peacetime operations. POS is the sum of safety level, augmented safety level (authorized by DESC for unusual situations, see reference (c)), unobtainable inventory, and economic resupply quantities.
6. Special Mission Ships. MSC ships that provided oceanographic research, surveys, cable laying/repairs, and range instrumentation.

ACTIONS REQUIRED TO PROCESS
PETROLEUM WAR RESERVE REQUIREMENTS (PWRR)
AND PEACETIME OPERATING STOCK (POS) LEVELS

<u>ACTION</u>	<u>RESPONSIBLE ORGANIZATION</u>	<u>DUE DATE</u>
1. Request Navy/MSC/USCG customer input for CONUS and/or Navy overseas existing shore facilities and mobilization shore facilities PWRR. (Include SEABEE requirements.)	FLT CINCS CINCUSNAVEUR COMUSNAVCENT	NOV 15
2. Request from the Marine Force Commanders (MARFORPAC & MARFORLANT) input for CONUS MCAS and MCB OPLAN mobilization PWRR.	CMC (Code LPP/USMC PETOFF)	NOV 15
3. Consolidate bulk lube oil usage data and forward to FLT CINCS, CINCUSNAVEUR, and COMUSNAVCENT, if applicable. Compute lube oil PWRR based on authorized theater JCS days of supply and incorporate in action item 12, total PWRR.	NAVPETOFF	DEC 15
4. Provide time-phased OPLAN PWRR for USMC afloat-based AMPHIBIOUS LANDING FORCES (Amphibious MAGTFs) to the applicable Navy CINC.	MARFOR Commanders	DEC 15
5. Provide MSC NFAF and special mission ships' PWRR to Navy CINCS.	COMSC	DEC 15
6. Compute and provide time-phased requirements for MSC Strategic Sealift in support of Unified CINCS' OPLANs (indicating preferred storage locations) to Navy CINCS. Provide requirements for each OPLAN designated by the Navy CINC by location. Requirements will be time-phased in 5 day intervals from D to D+120.	COMSC	DEC 15

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<u>ACTION</u>	<u>RESPONSIBLE ORGANIZATION</u>	<u>DUE DATE</u>
7. Provide time-phased OPLAN requirements for USCG ships and USCG aircraft (by type/model/series) with planning factors (fuel type, utilization rate, and consumption rate) to Navy CINCs. Provide requirements by location for each OPLAN designated by the Navy CINC. Requirements will be time-phased in 5-day Intervals from D to D+120.	CMDT USCG/ FLT CG COMPONENT	DEC 15
8. Compute and provide CONUS PWRR, by location and product, for land-based forces and MCASs/MCBs to CMC Code LPP/USMC PETOFF.	MARFOR Commanders (MARFORPAC/ MARFORLANT)	JAN 15
9. Develop an OPLAN PWRR matrix, by location, for the specific forces assigned. Derive "forces assigned" from the Joint Operation Planning System (JOPES) Time-Phased Force Deployment Data (TPFDD) Reports, such as NAVY SUPPORT FORCE ANALYSIS (F35 report) and FORCE SELECTION (F11 reports). The PWRR will be based on authorized JCS days of supply and the most demanding OPLAN requirement for the location.	FLT CINCs CINCUSNAVEUR COMUSNAVCENT MARFOR Commanders	JAN 31
10. Distribute CONUS POS levels to FLT CINCs, COMNAVAIRSYSCOM, CNET, COMNAVRESFOR, and USMC PETOFF for review and coordination. Overseas POS levels will be distributed by CINC-JPOs to FLT CINCs, CINCUSNAVEUR, and MARFOR Commanders for review and coordination.	NAVPETOFF	JAN 31

<u>ACTION</u>	<u>RESPONSIBLE ORGANIZATION</u>	<u>DUE DATE</u>
11. Compute a total overseas PWRR , by location and product, by consolidating Navy Fleet, existing/mobilization shore base, USMC (afloat-based Amphibious Landing Forces only), MSC (NFAF), and USCG fuel requirements and bulk lube oil requirements. Provide the total PWRR to CINC-JPOs/Unified Commands. (Compute lube oil and total PWRR based on authorized theater JCS days of supply and the most demanding OPLAN requirement for the location.)	FLT CINCs CINCUSNAVEUR COMUSNAVCENT	FEB 28
12. Compute and provide time-phased OPLAN PWRR, by location and product, for overseas USMC land-based forces (ground and aviation) and MCASs/MCBs, in the CINC AOR, to the applicable CINC-JPO.	MARFOR Commanders	FEB 28
13. Compute a total CONUS PWRR , by location and product, by consolidating Navy shore facility, MSC, and USCG fuel requirements and bulk lube oil requirements. Provide the total PWRR to DESC. (Compute lube oil and total PWRR based on authorized theater JCS days of supply and the most demanding OPLAN requirement for the location.)	FLT CINCS	FEB 28
14. Provide CONUS PWRR, by location and product, for USMC land-based forces and MCASs/MCBs to DESC.	CMC (Code LPP/USMC PETOFF)	FEB 28

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<u>ACTION</u>	<u>RESPONSIBLE ORGANIZATION</u>	<u>DUE DATE</u>
15. Forward comments and recommended changes to POS levels and storage data to DESC via NAVPETOFF (CONUS) and CINC-JPOs (overseas)	FLT CINCs/ COMNAVVAIRSYSCOM/ COMUSNAVCENT/ CNET/COMNAVRESFOR/ USMC PETOFF/MARFORs	FEB 28
16. Coordinate Inventory Management Plan (IMP) draft with DESC and CINC-JPOs.	FLT CINCs/MARFORs/ CINCUSNAVEUR/ COMUSNAVCENT	JUN 30

LIST OF SITES BY COMMANDER IN CHIEF (CINC)

Overseas

CINCLANTFLT

NAS Keflavik
DFSP Guantanamo Bay
DFSP Roosevelt Roads

CINCUSNAVEUR

NAS Sigonella
DFSP Andoya
DFSP Augusta Bay
DFSP Bodo
DFSP Cagliari
DFSP Gaeta
DFSP Orland
DFSP Rota
DFSP Souda Bay
DFSP Vaernes

COMUSNAVCENT

DFSP Caltex Jebel Ali
DFSP Djibouti
DFSP Fujairah
DFSP Misirah
DFSP Sitra (Awali)

CINCPACFLT

NAF Atsugi
PMRF Barking Sands
MCAS Iwakuni
DFSP Akasaki
DFSP Diego Garcia
DFSP Guam
DFSP Hacinoh
DFSP Hachinohe
DFSP Hakozaiki
DFSP Iorizaki
DFSP Koshiba

DFSP Kunsan (Chejudo AB)
DFSP Okinawa
DFSP Pearl Harbor
DFSP Pohang Tac
DFSP Senoko
DFSP Tsurumi
DFSP Wake Island
DFSP Yokose
Eielson AFB
Elmendorf AFB
Kadena AB
Misawa AB

COMMARFORCPAC

MCAS Futenma
MCAS Iwakuni
MCAS Kanehoe Bay
DFSP Pohang (including Kangnung)
DFSP Pyongtaek (Kyong Ju)
DFSP Sitra (Awali)
DFSP Star Jebel Ali
DFSP Uijongbu (Chukpyong, Seoul)
DFSP Waegwan (Kangnung)
DFSP Wake Island
DFSP Yechon
MV ILT ALEX BONNYMAN
MV ILT BALDOMERO LOPEZ
MV ILT JACK LUMMUS
MV ILT JOHN P BOBO
MV CPL LOUIS J HAUGE JR
MV PFC DEWAYNE T WILLIAMS
MV PFC JAMES ANDERSON JR
MV PFC WILLIAM B BAUGH
MV PVT FRANKLIN J PHILLIPS
MV SGT MATEJ KOCAK
MV SGT WILLIAM R BUTTON
SS MAJ STEPHEN W PLESS
SS PFC EUGUENE A OBREGON

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CONUS

CINCLANTFLT

DFSC Crane Island
Yorktown Branch
Sewels Point Branch
DFSP Jacksonville
NAB Little Creek
NAS Brunswick
NAS Key West
NAS Oceana
NAS Oceana DET Norfolk
SUBASE Kings Bay
SUBASE New London

COMMARFORLANT

MCAS Beaufort
MCAS Cherry Point
MCAS New River
MCAS Quantico

CINCPACFLT

DFSP Point Loma
DFSP Puget Sound
NAF El Centro
NAS Fallon
NAS Lemoore
NAS North Island
NAS Whidbey Island
NAS Point Mugu

COMMARFORPAC

MCAS Camp Pendleton
MCAS Miramar
MCAS Yuma

COMNAVAIRSYSCOM

NAS Patuxent River
NAWC Lakehurst
NAWS China Lake

CNET

NAS Corpus Christi
NAS Kingsville
NAS Meridian
NAS Pensacola
NAS Whiting Field

COMNAVRESFOR

NAS Atlanta
NAS JRB Fort Worth
NAS JRB New Orleans
NAS JRB Willow Grove