



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

IN REPLY REFER TO

OPNAVINST 4020.15N
N41
2 Jun 08

OPNAV INSTRUCTION 4020.15N

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 12 Apr 04
(b) Joint Pub 4-03, Joint Petroleum Doctrine, 23 May 03
(c) DOD 4140.25-M, Vol. II, Chapter 11 of 11 Aug 07

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

1. Purpose. To implement references (a), (b), and (c) within the Department of the Navy (DON) 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 (USN), Marine Corps (USMC), Military Sealift Command (MSC), and Coast Guard (USCG).

2. Cancellation. OPNAVINST 4020.15M.

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

4. Background.

a. The Defense Energy Support Center (DESC) develops and issues an annual Inventory Management Plan (IMP) for petroleum products in coordination with Military Services, Unified Combatant Commander Joint Petroleum Officers (COCOM-JPOs) and DESC Regions (DESCRs). The IMP specifies storage and requirement data at Defense Fuel Support Points, Naval Stations/Air Stations, and USMC Bases/Air Stations for Peacetime Operating Stock (POS) and Petroleum War Reserve Stock (PWRS).

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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 Defense Fuel and Supply Point using the procedures and formula established by reference (c). DESC distributes the POS figures to the Military Services, COCOM-JPOs, and DESCRs for review and validation. Comments and recommended changes for USN and USMC POS levels will be forwarded to DESC via Naval Operational Logistics Support Center, Petroleum (NOLSC PET) for continental United States (CONUS) locations and COCOM-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, military stocks in transit, refinery production capacity, or fuel in user operating tanks, 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. PWR of less than 250 barrels may not be practical to stock.

d. Theater-wide PWRS is considered inviolate and will not be issued by terminal operators without approval from the United States Fleet Forces Command (USFFC) for CONUS activities, or the appropriate COCOM-JPO for overseas activities.

e. The Defense Logistics Agency Integrated Consumable Item Support Model will be used to compute Naval PWRR requirements.

5. Responsibilities. Responsible commands identified below shall monitor stocks of petroleum products to ensure forces are provided timely and continuous petroleum support under any expected operational environment(s). Specific 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 (CNO) (N41) will:

(1) Serve as the primary office of policy and responsibility for all Navy PWRR matters.

(2) Establish guidelines and policy on sources and use of Navy-specific consumption rates when the use of the NAVSEA and NAVAIR sources for consumption rates that are used to generate the CNO N43 Ship Operations and Flying Hour Program budgets are not sufficient for use in POS and PWRR calculations.

(3) Maintain this instruction.

b. Director, NOLSC PET 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 for CONUS POS.

(5) Review and forward any DON POS change recommendations received to DESC.

c. Commander, U.S. Fleet Forces Command (USFFC), Commander, U.S. Pacific Fleet (CPF), Commander, U.S. Navy Europe and Commander, U.S. Naval Forces Central Command (COMUSNAVCENT) will:

(1) Determine wartime petroleum demands based on the COCOM'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, COMSC, and USCG, if applicable. USMC input will come from the respective Commander Marine Forces (MARFORCOM) or Marine Forces Pacific (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 COCOM-JPO.

(5) Compute **CONUS PWRR** (USFFC and CPF 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 COCOM-JPO.

(6) Coordinate POS reviews and change recommendations.

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

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

d. Commandant of the Marine Corps (CMC) (through Deputy Commandant, Installation and Logistics (I&L), Logistics Policy Operations (LPO)/USMC Petroleum Office) will:

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

(2) Coordinate and submit CONUS PWRR for land-based forces and USMC Air Stations (MCASs)/USMC Bases (MCBs) from MARFOR Commands to DESC.

(3) Coordinate USMC POS reviews and change recommendations. The USMC Petroleum Office is CMC, Deputy Commandant, I&L, Logistics Policy Engineering (LPE) (liaison to NOLSC PET for USMC POS issues).

e. Commanders MARFORPAC/MARFORCOM will:

(1) Determine wartime petroleum demands based on the COCOM'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

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Ground Task Forces (MAGTF) and MCASs/MCBs. The PWRR will be forwarded to the appropriate COCOM-JPO or USFFC 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 CMC, Deputy Commandant, I&L, Code LPO/USMC Petroleum Office.

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

f. Commander, 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.

g. Commandant, 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. Organizations designated in enclosure (2) shall discharge their defined responsibilities.



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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 full capacity greater than 55 U.S. gallons.
2. Petroleum War Reserve Requirements (PWRR). That portion of the war reserve requirements 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 USFFC/CPF 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 provide oceanographic research, surveys, cable laying/repairs, and range instrumentation.

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

RESPONSIBLE ACTION	ORGANIZATION	DUE DATE
1. Request Navy/MSC/USCG customer input for CONUS and/or Navy overseas existing shore facilities and mobilization shore facilities PWRR. (Include Naval Expeditionary Combat Command (NECC) requirements)	USFFC/CPF COMUSNAVEUR COMUSNAVCENT	NOV 15
2. Request Marine Force Commanders (MARFORPAC & MARFORCOM) input for CONUS and MCB OPLAN mobilization PWRR.	CMC (Deputy Commandant, I&L, LPO/ USMC PEOFF)	NOV 15
3. Consolidate bulk lube oil usage data and forward to USFFC, CPF, COMUSNAVEUR, COMUSNAVCENT, if applicable. Compute lube oil PWRR based on authorized theater JCS days of supply and incorporate in action item 12, total PWRR.	NOLSC PET	DEC 15
4. Provide time-phased OPLAN PWRR for USMC afloat-based AMPHIBIOUS LANDING FORCES (Amphibious MAGTFs) to the applicable Navy Component Commands.	MARFOR COMMANDERS	DEC 15
5. Provide MSC NFAF and special mission ships' PWRR to the applicable Navy Component Commands.	COMSC	DEC 15
6. Compute and provide time-phased requirements for MSC Strategic Sealift in support of COCOMs' OPLANS indicating preferred storage locations) to USFFC/CPF. Provide requirements for each OPLAN designated by USFFC/CPF by location. Requirements will be time-phased in 5 day intervals from D to D+120.	COMSC	DEC 15

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

Con't

RESPONSIBLE ACTION	ORGANIZATION	DUE DATE
<p>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 Component Commanders. Provide requirements by location for each OPLAN designated by USFFC/CPF. Requirements will be time-phased in 5-day Intervals from D to D+120.</p>	<p>CMDT/USCG/ FLT CG COMPONENT</p>	<p>JAN 15</p>
<p>8. Compute and provide CONUS PWRR, MARFOR Commanders by location and product, for land-based forces and MCASs/MCBs to CMC Deputy Commandant, I&L, LPO/USMC PETOFF.</p>	<p>MARFOR COMMANDERS (MARFORPAC/ MARFORCOM)</p>	<p>JAN 15</p>
<p>9. Develop an OPLAN PWRR matrix, by location, for the specific forces assigned. Derive "forces assigned" from the Joint Operation Planning and Execution System (JOPES) MARFOR Commanders 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.</p>	<p>USFFC/CPF COMUSNAVEUR COMUSNAVCENT MARFOR COMMANDERS</p>	<p>JAN 31</p>

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

Con't

RESPONSIBLE ACTION	ORGANIZATION	DUE DATE
10. Distribute CONUS POS levels to USFFC, CPF, COMNAVAIRSYSCOM, CNET, COMNAVRESFOR, and USMC PETF for review and coordination. Overseas POS levels will be distributed by COCOM-JPOs to USFFC/CPF, COMUSNAVEUR, and MARFOR Commanders for review and coordination.	NOLSC PET	JAN 31
11. Compute a total overseas PWRR , by location and product, consolidating Navy Fleet existing/ mobilization shore base, COMUSNAVCENT USMC (afloat-based Amphibious Landing Forces only), MSC (NFAF), and USCG fuel requirements and bulk lube oil requirements. Provide the total PWRR to COCOM-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.)	USFFC/CPF COMUSNAVEUR COMUSNAVCENT	FEB 28
12. Compute a time-phased OPLAN PWRR, by location and product, for overseas USMC land-based forces (ground and aviation) and MCASs/MCBs, in the COCOM AOR, to the applicable COCOM-JPO.	MARFOR COMMANDERS	FEB 28

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

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RESPONSIBLE ACTION	ORGANIZATION	DUE DATE
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.)	USFFC/CPF	FEB 28
14. Provide CONUS PWRR, by location and product, for USMC land-based forces and MCASs/MCBs to DESC.	CMC (Deputy Commandant, I&L, LPO/USMC PETOFF)	FEB 28
15. Forward comments and recommended changes to POS levels and storage data to DESC via NOLSC PET (CONUS) and COCOM-JPO's (overseas)	USFFC/CPF/ COMUSNAVCENT/ USMC PETOFF/MARFORs/ COMUSNAVEUR	FEB 28
16. Coordinate Inventory Management Plan (IMP) draft with DESC and COCOM-JPO's.	USFFC/CPF/MARFORs/ COMUSNAVEUR/ COMUSNAVCENT	JUN 30

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LIST OF SITES BY NAVAL COMPONENT COMMAND

OCONUS

NAVAL COMPONENT COMMANDS	SITE
USFFC	DFSP Guantanamo Bay DFSP Guantanamo DFSP Rodman (Panama) AUTEK
COMUSNAVEUR	NAS Sigonella DFSP Augusta Bay DFSP Gaeta DFSP Rota DFSP Souda Bay
COMUSNAVCENT	DFSP Caltex Jebel Ali DFSP Djibouti DFSP Fujairah DFSP Sitra (Awali)
COMPACTFLT	NAF Atsugi PMRF Barking Sands DFSP Iorizaki DFSP Akasaki DFSP Diego Garcia DFSP Guam DFSP Hachinohe DFSP Kunsan (Chejudo AB) DFSP Okinawa DFSP Pearl Harbor DFSP Pohang Tac DFSP Senoko DFSP Tsurmi DFSP Yokose Eielson AFB Elmendorf AFB Kadena AB Misawa AB

LIST OF SITES BY NAVAL COMPONENT COMMAND

OCONUS

Con't

NAVAL COMPONENT COMMANDS	SITE
COMMARFORPAC	MCAS Futenma MCAS Iwakuni MCAS Kaneohe Bay Camp Fuji MCB Camp Butler MCAS Camp Pendleton MCB Camp Pendleton MAGTF 29 Palms MCAS Miramar MCAS Yuma MWTC DFSP Pyongtaek DFSP Star Jebel Ali DFSP Waegwan DFSP Wake Island DFSP Yechon MV 1LT BONNYMAN JR MV 1LT BALDOMERO LOPEZ MV 1LT JACK LUMMUS MV 2LT JOHN P BOGO 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 SGT STEPHEN W PLESS SS PFC EUGENE A OBREGON MV 1LT HARRY C. MARTIN MV LCPL ROY M. WHEAT MV GYSGT FRED STOCKHAM

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LIST OF SITES BY NAVAL COMPONENT COMMAND

CONUS

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NAVAL COMPONENT COMMANDS	SITE
USFFC	DFSP Craney Island - Yorktown Branch DFSP Jacksonville NAB Little Creek NAS Brunswick NAS Key West NAS Oceana NAS Ocean DET Norfolk SUBASE Kings Bay SUBASE New London NCSC Panama City DFSP Mayport
COMMARFORCOM	MCAS Beaufort MCAS Cherry Point MCAS New River MCAS Quantico MCB Camp Lejeune MCB Quantico MCLB Albany
COMPACTFLT	DFSP Point Loma DFSP Puget Sound NAF El Centro NAS Fallon NAS Lemoore NAS North Island NAS Whidbey Island NAS Point Mugu
COMNAVAIRSYSCOM	NAS Patuxent River NAWC Lakehurst NAWC China Lake
CNET	NAS Corpus Christi NAS Kingsville NAS Meridian NAS Pensacola NAS Whiting Field NALF Orange Grove
COMNAVRESFOR	NAS Atlanta NAS JRB Fort Worth NAS JRB New Orleans