



# ***The Future of Support Ships and their Role in tomorrow's Navy***

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Overall Classification of this Brief is:

**UNCLASSIFIED**



# Overview



- ***Military Sealift Command Mission***
- ***How We Do Logistics***
- ***Fleet Breakdown***
- ***Future Operations***
- ***Interoperability***
- ***Affordability***
- ***Leveraging Industry***
- ***Questions***



# MSCEURAF's Mission

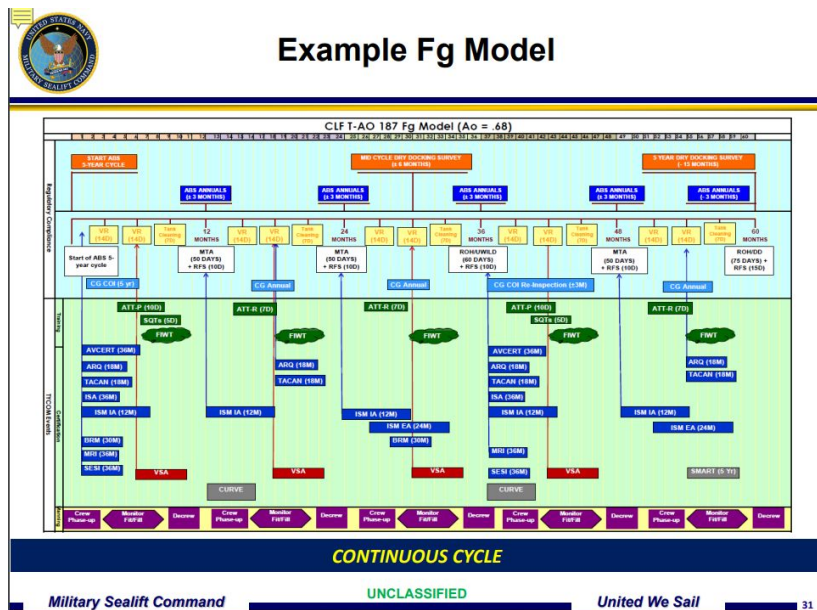


- U.S. Navy's at-sea logistics and strategic sealift provider in Europe and Africa.
- MSCEURAF oversees the **movement of fuel, food, spare parts, ammunition and combat equipment** ISO U.S. forces in SIXTH Fleet area.
- Additionally, MSCEURAF supports various Special Mission vessels that round out U.S. Naval capabilities.



# How We Do Logistics

















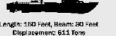

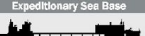







- **Strategic Resourcing**
  - Defense Fuel Seaports
  - Airfields
  - Leveraging Partnerships
- **Continuous Cycles**
  - Maintenance
  - Mission
  - Training





# FLEET BREAKDOWN

## Ships of the U.S. Navy's MILITARY SEALIFT COMMAND

COMBAT LOGISTICS FORCE	FLEET SUPPORT		COMBATANT COMMAND SUPPORT	
<p style="text-align: center;"><b>FLEET OILER (PM1)</b></p> <p style="text-align: center;"><b>Fleet Replenishment Oiler</b></p>  <p>Length: 676 Feet, Beam: 106 Feet Displacement: 40,900 - 41,225 Tons</p> <p>T-AO 187 USNS Henry J. Kaiser T-AO 188 USNS Joshua Humphreys T-AO 189 USNS John Lenthall T-AO 190 USNS Walter S. Diehl T-AO 194 USNS John Erickson T-AO 195 USNS Lynn Greenman T-AO 196 USNS Kananahua T-AO 197 USNS Pecco T-AO 198 USNS Big Horn T-AO 199 USNS Tippocanoe T-AO 200 USNS Guadalupe T-AO 201 USNS Pinalout T-AO 202 USNS Tulcon T-AO 203 USNS Laramie T-AO 204 USNS Rappahannock</p>	<p style="text-align: center;"><b>PREPOSITIONING AND SEABASING (PM3)</b></p> <p style="text-align: center;"><b>Maritime Prepositioning Force, LMSR, RO/RO, Expeditionary Transfer Dock</b></p>  <p>Length: 878 Feet, Beam: 106 Feet Displacement: 46,315 Tons</p> <p>T-AK 3008 USNS 2ND LT John P. Bobo T-AK 3009 USNS PFC Desayere F. Williams T-AK 3010 USNS 1ST LT Guillermo Lopez T-AK 3011 USNS 1ST LT Jack Lummus T-AK 3012 USNS 5GT William H. Hutton</p>  <p>Length: 950 Feet, Beam: 106 Feet Displacement: 62,614 Tons</p> <p>T-ARR 302 USNS Sery T-ARR 304 USNS Pillau T-ARR 311 USNS Siler T-ARR 312 USNS Dahl</p>  <p>Length: 977 Feet, Beam: 106 Feet Displacement: 55,223 Tons</p> <p>T-AK 3017 USNS OYSGT Fred W. Stockham</p>		<p style="text-align: center;"><b>SEALIFT (PM5)</b></p> <p style="text-align: center;"><b>Surge Sealift</b></p>  <p>Length: 810.954 Feet, Beam: 100 Feet Displacement: 60,460 - 61,680 Tons</p> <p>T-ARR 285 USNS Shughart T-ARR 296 USNS Gordon T-ARR 297 USNS Yancy T-ARR 298 USNS Gilliland T-ARR 300 USNS Bob Hope T-ARR 301 USNS Fisher T-ARR 303 USNS Mendocino T-ARR 305 USNS Britton T-ARR 306 USNS Benavidez T-ARR 313 USNS Red Cloud</p>  <p>Length: 851 Feet, Beam: 108 Feet Displacement: 55,422 Tons</p> <p>T-AK 3006 USNS 5GT Major Kookak T-AK 3009 USNS PFC Eugene A. Obregon T-AK 3007 USNS MAJ Stephen W. Pless</p>  <p>Length: 764 Feet, Beam: 108 Feet Displacement: 65,513 Tons</p> <p>T-AK 3025 USNS 1ST LT Harry L. Martin</p>  <p>Length: 864 Feet, Beam: 98 Feet Displacement: 50,710 Tons</p> <p>T-AK 3026 USNS LCPL Roy M. Wheat</p>	
<p style="text-align: center;"><b>FLEET ORDNANCE AND DRY CARGO (PM6)</b></p> <p style="text-align: center;"><b>Dry Cargo/Ammunition</b></p>  <p>Length: 669 Feet, Beam: 106 Feet Displacement: 43,000 Tons</p> <p>T-AKE 1 USNS Lewis and Clark (Prepositioning) T-AKE 2 USNS Sacajawea (Prepositioning) T-AKE 3 USNS Alan Shepard T-AKE 4 USNS Richard E. Byrd T-AKE 5 USNS Robert E. Peary T-AKE 6 USNS Amundsen T-AKE 7 USNS Carl H. Johnson T-AKE 8 USNS Nelly Nielsen T-AKE 9 USNS Matthew Perry T-AKE 10 USNS Charles Drew T-AKE 11 USNS Washington Chamberlain T-AKE 12 USNS William McLean T-AKE 13 USNS Madzor Evers T-AKE 14 USNS Cesar Chavez</p>	<p style="text-align: center;"><b>Fleet Ocean Tug</b></p>  <p>Length: 326 Feet, Beam: 42 Feet Displacement: 2,296 Tons</p> <p>T-ATF 168 USNS Curatuba T-ATF 171 USNS Siroca T-ATF 172 USNS Apache</p>  <p>Length: 278 Feet, Beam: 60 Feet Displacement: 4,063 Tons</p> <p>MV Gary Choquet</p>		<p style="text-align: center;"><b>DRY CARGO AND TANKERS</b></p> <p style="text-align: center;"><b>Dry Cargo</b></p>  <p>Length: 443 Feet, Beam: 69 Feet Displacement: 9,295 Tons</p> <p>T-AK 6243 SLNC Corsica</p>  <p>Length: 578 Feet, Beam: 84 Feet Displacement: 23,482 Tons</p> <p>T-AK 6626 MV Maersk Valencia</p>  <p>Length: 144 Feet, Beam: 150 Feet Displacement: 440 Tons</p> <p>T/B Sea Eagle/MB 1219</p>	
<p style="text-align: center;"><b>Fast Combat Support</b></p>  <p>Length: 764 Feet, Beam: 107 Feet Displacement: 48,500 Tons</p> <p>T-AOE 6 USNS Supply T-AOE 8 USNS Arctic</p>	<p style="text-align: center;"><b>Offshore Petroleum Distribution System</b></p>  <p>Length: 549 Feet, Beam: 70 Feet Displacement: 14,917 Tons</p> <p>T-AG 8001 USNS VADM K.R. Wheeler</p>  <p>Length: 110 Feet, Beam: 30 Feet Displacement: 643 Tons</p> <p>T-AG 4007 USNS Fast Triumph</p>		<p style="text-align: center;"><b>Command</b></p>  <p>Length: 636 Feet, Beam: 90 Feet Displacement: 15,000 Tons</p> <p>USS Miami Whitney</p>	
	<p style="text-align: center;"><b>Expeditionary Sea Base</b></p>  <p>Length: 764 Feet, Beam: 106 Feet Displacement: 106,864 Tons</p> <p>ESB 3 USS Lewis B. Puller ESB 4 USS Marshal "Woody" Williams FCSB 5 USNS Miguel Keith</p>		<p style="text-align: center;"><b>EXPEDITIONARY FAST TRANSPORT (PM8)</b></p> <p style="text-align: center;"><b>Expeditionary Fast Transport</b></p>  <p>Length: 338 Feet, Beam: 84 Feet Displacement: 5,460 Tons</p> <p>TEPF 1 USNS Spearhead TEPF 2 USNS Clinch County TEPF 3 USNS Millhook TEPF 4 USNS Fall River TEPF 5 USNS Traction TEPF 6 USNS Brunswick TEPF 7 USNS Cassin City TEPF 8 USNS Yuma TEPF 9 USNS City of Esmerac TEPF 10 USNS Burlington TEPF 11 USNS Puerto Rico TEPF 12 USNS Newport</p>	
	<p style="text-align: center;"><b>SERVICE SUPPORT (PM4)</b></p> <p style="text-align: center;"><b>Hospital</b></p>  <p>Length: 894 Feet, Beam: 106 Feet Displacement: 69,882 Tons</p> <p>T-AH 19 USNS Mercy T-AH 20 USNS Comfort</p> <p style="text-align: center;"><b>Rescue and Salvage</b></p>  <p>Length: 250 Feet, Beam: 43 Feet Displacement: 3,336 Tons</p> <p>T-ARS 51 USNS Orin T-ARS 52 USNS Salver</p>		<p style="text-align: center;"><b>High-Speed Transport</b></p>  <p>Length: 273.779 Feet, Beam: 78 Feet Displacement: 1,416 Tons</p> <p>HST 1 USNS Oatman HST 2 Former MV Alakal</p>	
		<p style="text-align: center;"><b>Army Prepositioned Stocks LMSR and Container</b></p>  <p>Length: 160 Feet, Beam: 106 Feet Displacement: 52,644 Tons</p> <p>T-ARR 310 USNS Watson T-ARR 314 USNS Chantren T-ARR 315 USNS Watkins T-ARR 316 USNS Hornsby T-ARR 317 USNS Sederman</p>  <p>Length: 844 Feet, Beam: 106 Feet Displacement: 96,079 Tons</p> <p>T-AK 4543 MV LTC John U.D. Puga T-AK 4544 MV 3SG Edward A. Carter Jr.</p>		
		<p style="text-align: center;"><b>Air Force Container</b></p>  <p>Length: 652 / 686 Feet, Beam: 106 / 98 Feet Displacement: 48,032 / 82,818 Tons</p> <p>T-AK 4396 MV MAJ Bernard F. Fisher T-AK 5382 MV CAPT David L. Lyon</p>		



DELIVERING WARFIGHTING EFFECTIVENESS

THE U.S. NAVY'S MILITARY SEALIFT COMMAND

**UNITED WE SAIL**

Military Sealift Command exists to support the joint warfighter across the full spectrum of military operations. Our mission is timeless and essential.

JANUARY 2020



# COMBAT LOGISTICS FORCE



- CLF is the supply line to U.S. Navy surface combatant ships, with their multi-purpose capability to provide food, mail, fuel, spare parts, and more.***

Top: Sailor guides pallets during a replenishment-at-sea with the Supply-class fast combat support ship USNS Supply (T-AOE 6) aboard the Arleigh Burke-class guided-missile destroyer USS Cole (DDG 67) in the Mediterranean.

Bottom: USNS Yukon conducts a consolidated cargo replenishment-at-sea with the MSC long-term chartered motor tanker ship Empire State.





# ***Future Operations***

- ***Deployment of New Manned and Unmanned Systems***
- ***Optimize for Performance in Contested Maritime Environment***
- ***Leveraging Current Resources***
  - ***Material (equipment)***
  - ***Non-material (personnel, systems)***



# Interoperability

- **Highly interoperable**
- **Assuring Global Maritime Logistics Services to US, Allied, and Partner forces**
- **Leveraging Allied and Partner Capabilities**



Top: USNS SUPPLY (T-AOE 6) and ITS DORIA (D 553) conducting a Replenishment at Sea.

Bottom: Sailors from the deck-crew of the Royal Norwegian Navy Fridtjof Nansen-class frigate HNoMS Fridtjof Nansen (F-310) during replenishment-at-sea with the U.S. Navy Supply-class fast combat support ship USNS Supply (T-AOE-6)





# ***Affordability vs. Capability***

- ***Maximizing Space Utilization Ratio***
- ***Contracting surge capability***
- ***Reduced Operating Status***
- ***Roll-out of new platforms***
- ***Flexible and adaptable platforms for delivering parts***
- ***Moving Navy Forward***



# Leveraging Industry – Large and Small



## Industry Input

**Global Reach and Agility-** access to supply chains and markets to support ships: Right Time, Right Place, Right Deliverables

**Thinking differently-** industry needs to keep pace with the existing pace to support Contested Maritime Environment

**Deliver Better Support Solutions-** industry needs to find new ways to solve old problems, from maintenance to supplies.

## Office of Small Business Programs

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# Questions



An MH-60S Sea Hawk helicopter from the "Screamin' Indians" of Helicopter Sea Combat Squadron (HSC) 6 on-loads cargo from the Henry J. Kaiser-class underway replenishment oiler USNS Guadalupe (T-AO 200) during a replenishment-at-sea with the aircraft carrier USS Nimitz (CVN 68).