



MILITARY SEALIFT COMMAND

Maritime Risk Symposium

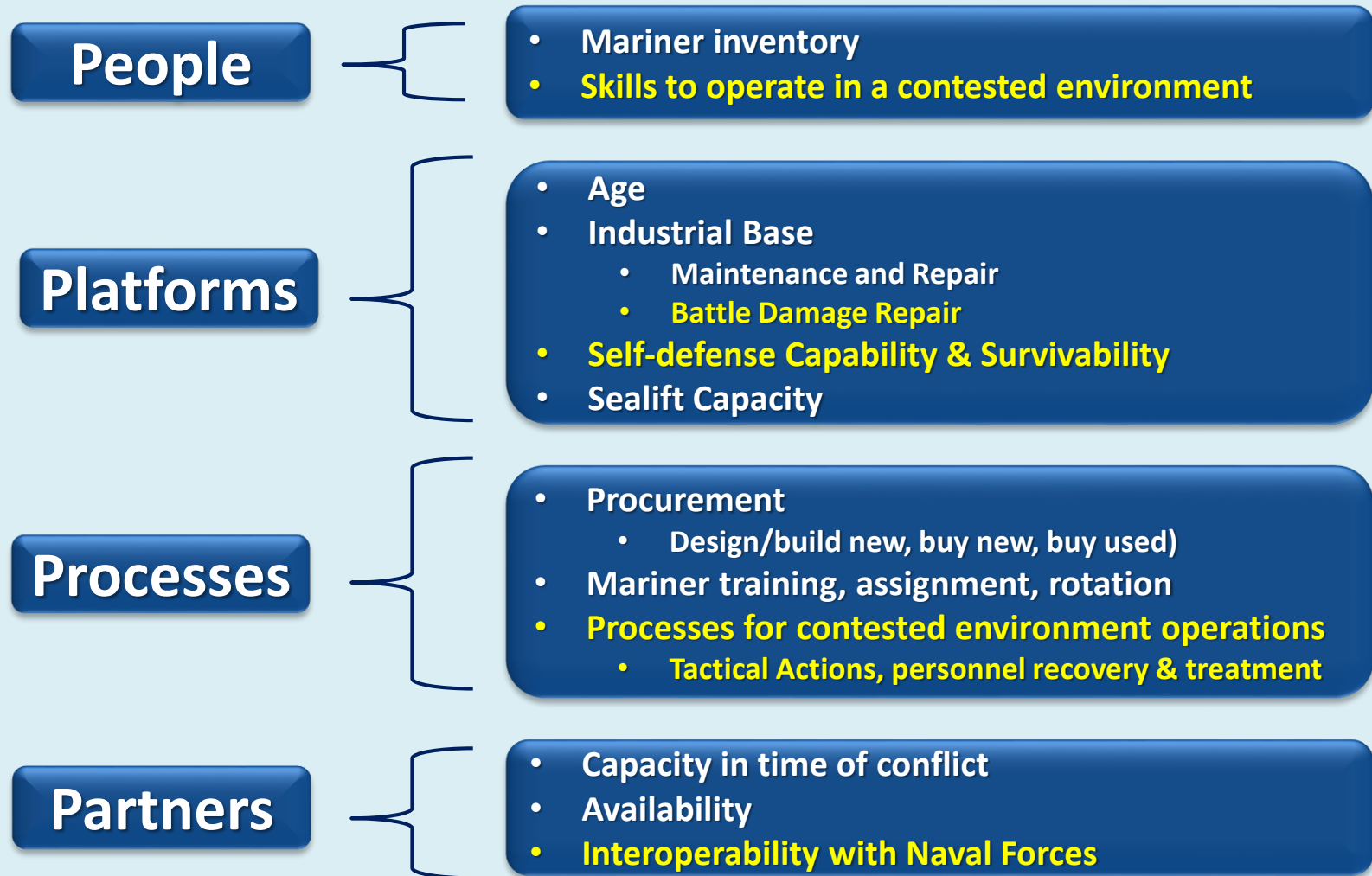
Director of Afloat Training and Readiness:
CAPT Ken Krogman, USN (ret)

UNITED WE SAIL



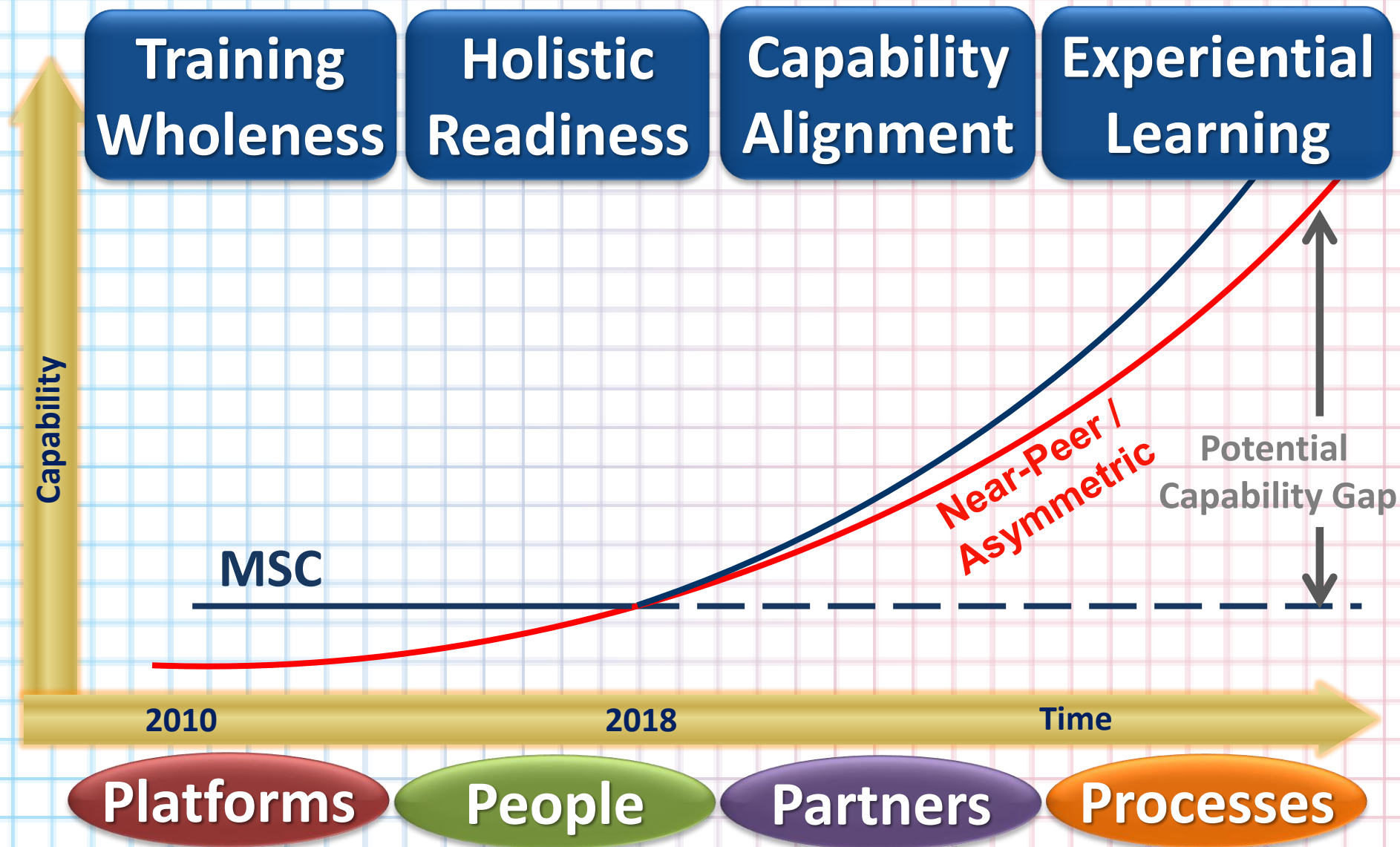
MILITARY SEALIFT COMMAND - NORFOLK, VIRGINIA

Some of the MSC “Risk Universe”



Contested environment items (in yellow) cross the MSC pillars.
My focus today.

A Need for Exponential Change



We Must "Bend The Curve" of Capability

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Operating in a Contested Environment

Low

Contested Environment

High

- ☐ Threat Analysis
- ☐ Capital Improvements
- ☐ Holistic Readiness
- ☐ Training Wholeness
- ☐ Industry Awareness
- ☐ Strategic Partnerships
- ☐ "Operationalize"
- ☐ Cyber Hardening
- ☐ Mariner Resiliency/Depth
- ☐ Military Planning

- ☐ Formation Skills
- ☐ Parts Inventory
- ☐ OPCON C2
- ☐ Counter-ISR
- ☐ Counter-Detection
- ☐ Counter-Targeting
- ☐ SLOC Defense
- ☐ Navy/Joint Interoperability
- ☐ Assured Communications

- ☐ Mission Assurance
- ☐ Cyber Resiliency
- ☐ Survivability
- ☐ Repair Damaged Ships
- ☐ Personnel Recovery
- ☐ Personnel Treatment
- ☐ Reset "In Stride"

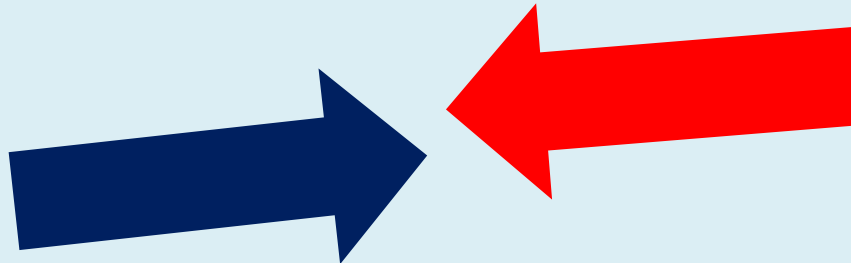
Surge Sealift/RRF



VISA/MSP



Commercial Base



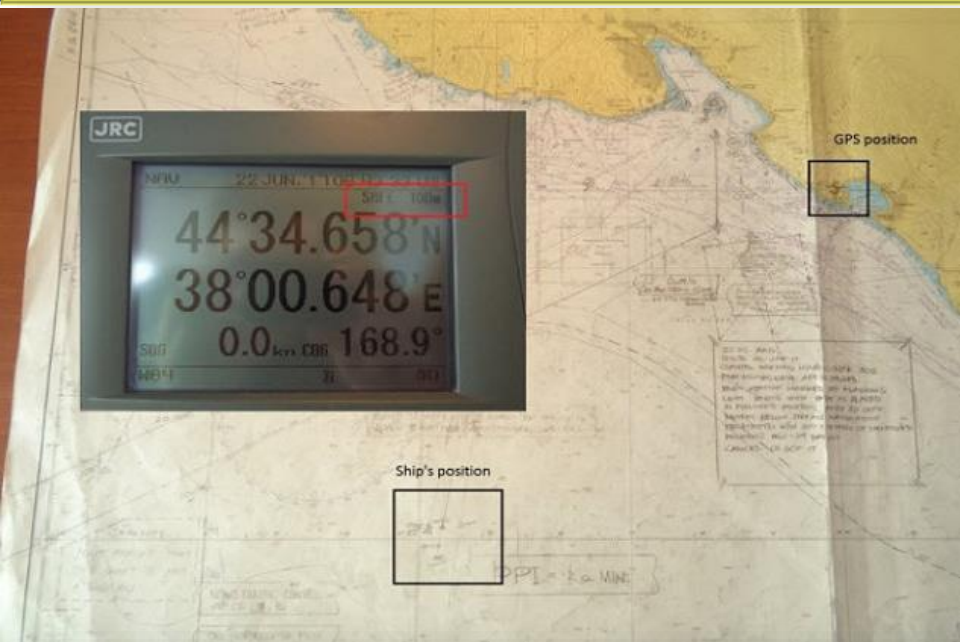
- Submarines
- Surface Ships
- Aircraft
- Maritime ISR
- Space-based ISR
- Torpedoes
- Anti-Ship Cruise Missiles
- Ballistic Missiles
- Cyber Attack
- Jamming

"History does not long entrust the care of freedom to the weak or the timid."

-- President Dwight D. Eisenhower

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The Maritime Environment is Contested... NOW!



If this can happen in peacetime, imagine what can happen in war...



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Ships of the U.S. Navy's Military Sealift Command

COMBAT LOGISTICS FORCE

FLEET OILER (PM1)

Fleet Replenishment Oiler



Length: 678 Feet, Beam: 98 Feet
Displacement: 40,900 - 41,225 Tons

T-AO 187 USNS Henry J. Kaiser
T-AO 188 USNS Joshua Humphreys
T-AO 189 USNS John Lenthall
T-AO 193 USNS Walter S. Diehl
T-AO 194 USNS John Ericsson
T-AO 195 USNS Leroy Grumman
T-AO 196 USNS Kanawha
T-AO 197 USNS Pezous
T-AO 198 USNS Big Horn
T-AO 199 USNS Tippecanoe
T-AO 200 USNS Guadalupe
T-AO 201 USNS Patuxent
T-AO 202 USNS Yankton
T-AO 203 USNS Laramie
T-AO 204 USNS Rappahannock

FLEET ORDNANCE AND DRY CARGO (PM6)

Dry Cargo/Ammunition



Length: 689 Feet, Beam: 106 Feet
Displacement: 41,000 Tons

T-AKE 1 USNS Lewis and Clark (Prepositioning)
T-AKE 2 USNS Sacagawea (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 Amelia Earhart
T-AKE 7 USNS Carl Brashear
T-AKE 8 USNS Wally Schirra
T-AKE 9 USNS Matthew Perry
T-AKE 10 USNS Charles Drew
T-AKE 11 USNS Washington Chambers
T-AKE 12 USNS William McLean
T-AKE 13 USNS Medgar Evers
T-AKE 14 USNS Cesar Chavez

Fast Combat Support



Length: 754 Feet, Beam: 107 Feet
Displacement: 48,500 Tons

T-AOE 6 USNS Supply
T-AOE 8 USNS Arctic

FLEET SUPPORT AND SPECIAL MISSION

SPECIAL MISSION (PM2)

Missile Range Instrumentation



Length: 224 Feet, Beam: 43 Feet
Displacement: 2,285 Tons
T-AGM 24 USNS Invincible



Length: 534 Feet, Beam: 99 Feet
Displacement: 12,642 Tons
T-AGM 25 USNS Howard O. Lorenzen

Ocean Surveillance



Length: 235 Feet, Beam: 34 Feet
Displacement: 3,384 Tons

T-AGOS 19 USNS Victorious
T-AGOS 20 USNS Able
T-AGOS 21 USNS Effective
T-AGOS 22 USNS Loyal



Length: 282 Feet, Beam: 96 Feet
Displacement: 5,370 Tons

T-AGOS 23 USNS Impeccable

Oceanographic Survey



Length: 329 - 353 Feet, Beam: 58 Feet
Displacement: 5,000 Tons

T-AGS 60 USNS Pathfinder
T-AGS 62 USNS Bowditch
T-AGS 63 USNS Henson
T-AGS 64 USNS Bruce C. Heezen
T-AGS 65 USNS Mary Sears
T-AGS 66 USNS Maury

Sea-Based X-Band Radar



Length: 389 Feet, Beam: 238 Feet
Displacement: 32,690 Tons

SBX-1 Sea-based X-band Radar

Cable Laying/Repair



Length: 513 Feet, Beam: 73 Feet
Displacement: 15,174 Tons

T-ARC 7 USNS Zeus

Navigation Test Support



Length: 442 Feet, Beam: 69 Feet
Displacement: 12,208 Tons

T-AGS 45 USNS Waters

Submarine Support



Length: 250 Feet, Beam: 54 Feet
Displacement: 2,850 Tons

T-AGSE 1 USNS Black Powder
T-AGSE 2 USNS Westwind
T-AGSE 3 USNS Eagleview
T-AGSE 4 USNS Arrowhead

PREPOSITIONING (PM3)

Maritime Prepositioning Force, LMSR, RO/RO, Expeditionary Transfer Dock



Length: 673 Feet, Beam: 106 Feet
Displacement: 46,111 Tons

T-AK 3008 USNS 2ND LT John P. Bobo
T-AK 3009 USNS PFC Dewayne T. Williams
T-AK 3010 USNS 1ST LT Baldomero Lopez
T-AK 3011 USNS 1ST LT Jack Lummus
T-AK 3012 USNS SGT William R. Button



Length: 950 Feet, Beam: 106 Feet
Displacement: 62,644 Tons

T-AKR 302 USNS Seely
T-AKR 304 USNS Pillau
T-AKR 311 USNS Sisler
T-AKR 312 USNS Dahl



Length: 784 Feet, Beam: 104 Feet
Displacement: 77,388 Tons

T-ESD 1 USNS Montford Point
T-ESD 2 USNS John Glenn



Length: 907 Feet, Beam: 106 Feet
Displacement: 55,123 Tons

T-AK 3017 USNS GYSGT Fred W. Stockham

Expeditionary Sea Base



Length: 784 Feet, Beam: 104 Feet
Displacement: 106,664 Tons

T-ESB 3 USNS Lewis B. Puller
T-ESB 4 USNS Hershel "Woody" Williams

Offshore Petroleum Distribution System



Length: 349 Feet, Beam: 70 Feet
Displacement: 6,492 Tons

T-AG 5001 USNS VADM K.R. Wheeler



Length: 480 Feet, Beam: 30 Feet
Displacement: 611 Tons

T-AG 4907 USNS Fast Tempo

EXPEDITIONARY FAST TRANSPORT (PM8)

Expeditionary Fast Transport



Length: 338 Feet, Beam: 94 Feet
Displacement: 2,460 Tons

T-EFF 1 USNS Spearhead
T-EFF 2 USNS Choctaw County
T-EFF 3 USNS Minicomet
T-EFF 4 USNS Fall River
T-EFF 5 USNS Trenton
T-EFF 6 USNS Brunswick
T-EFF 7 USNS Carson City
T-EFF 8 USNS Yuma
T-EFF 9 USNS City of Bismarck
T-EFF 10 USNS Burlington

High-Speed Transport



Length: 373 / 379 Feet, Beam: 78 Feet
Displacement: 1,646 Tons

HST 1 USNS Guam
HST 2 Formerly MV Alakal

SERVICE SUPPORT (PM4)

Hospital



Length: 894 Feet, Beam: 106 Feet
Displacement: 69,552 Tons
T-AH 19 USNS Mercy
T-AH 20 USNS Comfort

Rescue and Salvage



Length: 255 Feet, Beam: 51 Feet
Displacement: 3,336 Tons

T-ARS 51 USNS Grasp
T-ARS 52 USNS Savior

Submarine Tender



Length: 644 Feet, Beam: 85 Feet
Displacement: 23,000 Tons

AS 39 USS Emory S. Land
AS 40 USS Frank Cable

Submarine and Special Warfare Support



Length: 240 Feet, Beam: 54 Feet
Displacement: 3,655 Tons

MV HOS Dominator



Length: 238 Feet, Beam: 52 Feet
Displacement: 1,599 Tons

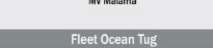
MV Carolyn Chouest



Length: 110 Feet, Beam: 22 Feet
Displacement: 65 Tons

MV Malama

Fleet Ocean Tug



Length: 226 Feet, Beam: 42 Feet
Displacement: 2,296 Tons

T-ATF 168 USNS Catawba
T-ATF 171 USNS Sioux
T-ATF 172 USNS Apache



Length: 276 Feet, Beam: 60 Feet
Displacement: 4,065 Tons

MV Gary Chouest

Command



Length: 636 Feet, Beam: 108 Feet
Displacement: 15,000 Tons

LOC 20 USS Mount Whitney

COMBATANT COMMAND SUPPORT

SEALIFT (PM5)

Surge Sealift



Length: 908-954 Feet, Beam: 106 Feet
Displacement: 59,490 - 61,680 Tons

T-AKR 295 USNS Shughart
T-AKR 296 USNS Gordon
T-AKR 297 USNS Yano
T-AKR 298 USNS Gilliland
T-AKR 300 USNS Bob Hope
T-AKR 301 USNS Fisher
T-AKR 303 USNS Mendocina
T-AKR 305 USNS Brittin
T-AKR 306 USNS Benavidez
T-AKR 310 USNS Watson



Length: 821 Feet, Beam: 106 Feet
Displacement: 51,612 Tons

T-AK 3005 USNS SGT Matej Kocak
T-AK 3006 USNS PFC Eugene A. Ovington
T-AK 3007 USNS MAJ Stephen W. Pless



Length: 754 Feet, Beam: 106 Feet
Displacement: 51,531 Tons

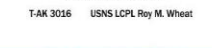
T-AK 3015 USNS 1ST LT Harry L. Martin



Length: 864 Feet, Beam: 98 Feet
Displacement: 50,570 Tons

T-AK 3016 USNS LCPL Roy M. Wheat

Army Prepositioned Stocks LMSR and Container



Length: 950 Feet, Beam: 106 Feet
Displacement: 62,644 Tons

T-AKR 313 USNS Red Cloud
T-AKR 314 USNS Charlton
T-AKR 315 USNS Watkins
T-AKR 316 USNS Pomeroy
T-AKR 317 USNS Soderman



Length: 844 Feet, Beam: 106 Feet
Displacement: 66,079 Tons

T-AK 4543 MV LTC John U.D. Page
T-AK 4544 MV SSG Edward A. Carter Jr.

Air Force Container



Length: 652 / 686 Feet, Beam: 106 / 99 Feet
Displacement: 48,012 / 52,878 Tons

T-AK 4396 MV MAJ Bernard F. Fisher
T-AK 5362 MV CAPT David I. Lyon

DRY CARGO AND TANKERS

Dry Cargo



Length: 443 Feet, Beam: 59 Feet
Displacement: 9,295 Tons
T-AK 5423 USNS Corsica



Length: 620/501 Feet, Beam: 106/77 Feet
Displacement: 59,820/46,750 Tons

MV Black Eagle
MV Mohawk



Length: 144 Feet, Beam: 150 Feet
Displacement: 440 Tons

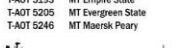
T/B Sea Eagle/MB 1219

Tankers



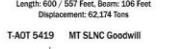
Length: 600 / 591 Feet, Beam: 106 / 105 Feet
Displacement: 58,746 / 47,876 Tons

T-AOT 5193 MT Empire State
T-AOT 5205 MT Evergreen State
T-AOT 5246 MT Maersk Peary



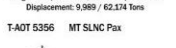
Length: 600 / 557 Feet, Beam: 106 Feet
Displacement: 62,174 Tons

T-AOT 5419 MT SLNC Goodwill



Length: 332 / 621 Feet, Beam: 62 / 106 Feet
Displacement: 9,989 / 62,174 Tons

T-AOT 5356 MT SLNC Plex



Length: 615 Feet, Beam: 90 Feet
Displacement: 39,624 Tons

T-AOT 1125 USNS Lawrence H. Gianella

THE U.S. NAVY'S MILITARY SEALIFT COMMAND

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

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EMPOWERING GLOBAL
WARFIGHTING CAPABILITIES