Maritime Risk Symposium
Director of Afloat Training and Readiness: CAPT Ken Krogman, USN (ret)
Some of the MSC “Risk Universe”

People
- Mariner inventory
- Skills to operate in a contested environment

Platforms
- Age
- Industrial Base
  - Maintenance and Repair
  - Battle Damage Repair
- Self-defense Capability & Survivability
- Sealift Capacity

Processes
- Procurement
  - Design/build new, buy new, buy used
- Mariner training, assignment, rotation
- Processes for contested environment operations
  - Tactical Actions, personnel recovery & treatment

Partners
- Capacity in time of conflict
- Availability
- Interoperability with Naval Forces

Contested environment items (in yellow) cross the MSC pillars. My focus today.
A Need for Exponential Change

We Must “Bend The Curve” of Capability

Training Wholeness  Holistic Readiness  Capability Alignment  Experiential Learning

Platform  People  Partners  Processes

MSC

2010  2018  Time

Capability

Near-Peer / Asymmetric Potential Capability Gap
“History does not long entrust the care of freedom to the weak or the timid.”

-- President Dwight D. Eisenhower

UNCLASSIFIED
The Maritime Environment is Contested... NOW!

If this can happen in peacetime, imagine what can happen in war...
### Ships of the U.S. Navy’s Military Sealift Command

**Fleet Support and Special Mission**

- **Fleet Support (PM4)**
  - **Hospital**
    - Length: 684 feet, Beam: 85 feet
    - Displacement: 6,104 tons
    - T-AH 11
  - **Rescue and Salvage**
    - Length: 196 feet, Beam: 56 feet
    - Displacement: 5,976 tons
    - T-AKR 54
  - **Submarine Tender**
    - Length: 400 feet, Beam: 61 feet
    - Displacement: 11,305 tons
    - T-AO 42
  - **Submarine and Special Warfare Support**
    - Length: 365 feet, Beam: 50 feet
    - Displacement: 22,400 tons
    - T-AO 99
  - **Oil/Chemical Carrier**
    - Length: 574 feet, Beam: 88 feet
    - Displacement: 150,000 tons
    - T-AOT 119
  - **Army Prepositioned Stocks**
    - Length: 600 feet, Beam: 100 feet
    - Displacement: 17,500 tons
    - T-AKE 2
  - **Expeditionary Fast Transport (PM6)**
    - Length: 326 feet, Beam: 56 feet
    - Displacement: 1,380 tons
    - T-EPF 1
  - **Fleet Ocean Tug**
    - Length: 200 feet, Beam: 46 feet
    - Displacement: 2,000 tons
    - T-AO 15
  - **High-Speed Transport**
    - Length: 400 feet, Beam: 60 feet
    - Displacement: 1,500 tons
    - T-ARC 12
  - **Command**
    - Length: 317 feet, Beam: 48 feet
    - T-AOE 20
  - **Air Force Conveyor**
    - Length: 654 feet, Beam: 90 feet
    - Displacement: 18,000 tons
    - T-ARS 1

**Combatant Command Support**

- **Sealift (PM5)**
  - **Surge**
    - Length: 512 feet, Beam: 80 feet
    - Displacement: 11,000 tons
    - T-AGF 2
  - **Dry Cargo and Tankers**
    - Length: 400 feet, Beam: 68 feet
    - Displacement: 5,900 tons
    - T-AO 27
  - **Dry Cargo**
    - Length: 282 feet, Beam: 47 feet
    - Displacement: 5,000 tons
    - T-AO 20
  - **Tanker**
    - Length: 365 feet, Beam: 58 feet
    - Displacement: 10,000 tons
    - T-AO 5

**Combat Logistics Force**

- **Fleet Oiler (PM1)**
  - **Fleet Replenishment Oiler**
    - Length: 876 feet, Beam: 82 feet
    - Displacement: 42,000 tons
    - T-AO 24
  - **USNS Henry J. Kaiser**
    - Length: 876 feet, Beam: 82 feet
    - Displacement: 42,000 tons
    - T-AO 24
  - **USNS Joshua Humphreys**
    - Length: 876 feet, Beam: 82 feet
    - Displacement: 42,000 tons
    - T-AO 24
  - **USNS John Ericsson**
    - Length: 876 feet, Beam: 82 feet
    - Displacement: 42,000 tons
    - T-AO 24
  - **USNS Walter S. Diehl**
    - Length: 876 feet, Beam: 82 feet
    - Displacement: 42,000 tons
    - T-AO 24
  - **USNS John S. McCain**
    - Length: 876 feet, Beam: 82 feet
    - Displacement: 42,000 tons
    - T-AO 24
  - **USNS Howard O. Lorenzen**
    - Length: 876 feet, Beam: 82 feet
    - Displacement: 42,000 tons
    - T-AO 24
  - **USNS Pauson**
    - Length: 876 feet, Beam: 82 feet
    - Displacement: 42,000 tons
    - T-AO 24
  - **USNS Bremerton**
    - Length: 876 feet, Beam: 82 feet
    - Displacement: 42,000 tons
    - T-AO 24
  - **USNS Guadalupe**
    - Length: 876 feet, Beam: 82 feet
    - Displacement: 42,000 tons
    - T-AO 24
  - **USNS Keck**
    - Length: 876 feet, Beam: 82 feet
    - Displacement: 42,000 tons
    - T-AO 24
  - **USNS Komatsu**
    - Length: 876 feet, Beam: 82 feet
    - Displacement: 42,000 tons
    - T-AO 24

**Fleet Ordnance and Dry Cargo (PM6)**

- **Dry Cargo/Ammunition**
  - Length: 500 feet, Beam: 90 feet
  - Displacement: 7,000 tons
  - T-AKE 1
  - **USNS Lewis and Clark (Retired)**
    - Length: 361 feet, Beam: 56 feet
    - Displacement: 2,000 tons
    - T-AKE 2
  - **USNS Saginaw (Retired)**
    - Length: 361 feet, Beam: 56 feet
    - Displacement: 2,000 tons
    - T-AKE 2
  - **USNS Alice H. Millership**
    - Length: 361 feet, Beam: 56 feet
    - Displacement: 2,000 tons
    - T-AKE 2
  - **USNS William J. Driscoll**
    - Length: 361 feet, Beam: 56 feet
    - Displacement: 2,000 tons
    - T-AKE 2
  - **USNS Robert W. Parker**
    - Length: 361 feet, Beam: 56 feet
    - Displacement: 2,000 tons
    - T-AKE 2
  - **USNS John Henry**
    - Length: 361 feet, Beam: 56 feet
    - Displacement: 2,000 tons
    - T-AKE 2
  - **USNS John S. McCain**
    - Length: 361 feet, Beam: 56 feet
    - Displacement: 2,000 tons
    - T-AKE 2
  - **USNS Keck**
    - Length: 361 feet, Beam: 56 feet
    - Displacement: 2,000 tons
    - T-AKE 2
  - **USNS Komatsu**
    - Length: 361 feet, Beam: 56 feet
    - Displacement: 2,000 tons
    - T-AKE 2
  - **USNS Pauson**
    - Length: 361 feet, Beam: 56 feet
    - Displacement: 2,000 tons
    - T-AKE 2
  - **Fast Combat Support**
    - Length: 764 feet, Beam: 157 feet
    - Displacement: 42,000 tons
    - T-AKE 1
  - **USNS Supply**
    - Length: 764 feet, Beam: 157 feet
    - Displacement: 42,000 tons
    - T-AKE 1
  - **USNS Arctic**
    - Length: 764 feet, Beam: 157 feet
    - Displacement: 42,000 tons
    - T-AKE 1

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  - **Dry Cargo and Tankers**
    - Length: 400 feet, Beam: 68 feet
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    - T-AO 27
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    - T-AO 20
  - **Tanker**
    - Length: 365 feet, Beam: 58 feet
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    - T-AO 5

**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.

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**Empowering Global Warfighting Capabilities**