



# Sea Basing

The Commercial Shipping Perspective

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## Sea Basing:

“the deployment, assembly, command projection, **re-constitution**, and **reemployment** of joint power from the sea without reliance on land bases within the operational area.”

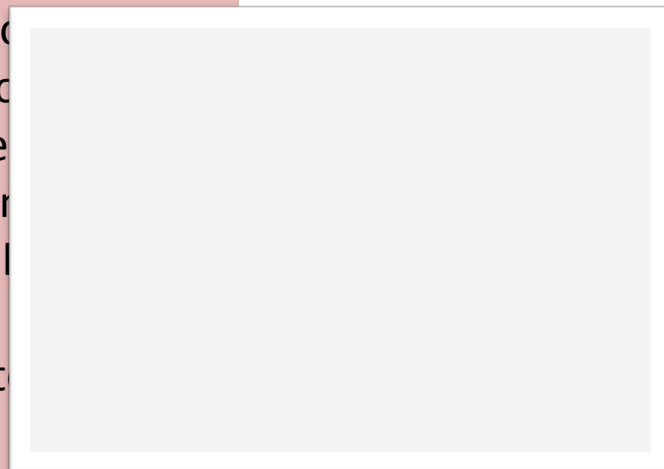
*USMC JP 3-02 Amphibious Operations*

“Because they are designed for forcible-entry operations, amphibious forces were a logical starting point for considering sea-basing alternatives. However, **DoD’s existing amphibious forces are not well-suited to act as at-sea logistics bases because limitations in cargo space, cargo hold configuration, and cargo-handling equipment usually require that logistics bases be established ashore to support the ground force.**”

*CBO Study on Seabasing July 2007*

“A seabase will be far more complex than a traditional amphibious flotilla—it will consist of concepts, weapons systems, aircraft, logistics, intelligence systems, **cargo handling**, **transportation networks** and other elements that must be carefully managed together as elements in a “system of systems.”

*Defense Science Board Task Force on SEA BASING, August 2003*



# Cargo Handling, Marine Transportation

## Commercial Shipping Companies

- It's what we do
- Leaders in new design/capability
  - Off Shore Supply, Motion Compensated Lifting Gear, Dynamic Positioning, Modular Construction, Alternative Energy Propulsion (LNG)
- Partners in specialized equipment development
  - HiCASS, StilVAST, Selective Discharge



# Commercial Concepts Already Incorporated

Roll On/Roll Off (RO/RO), Lift On/Lift Off (LO/LO)



Float on/Float Off (FLO/FLO)



High Speed Ferry



# Program/Planning Influences

## Budgetary Constraints

- 3<sup>rd</sup> Year in Sequestration

## Fleet Reduction

- Fleet Smallest since WWI
- Shortage of Amphibious Assets

## Changing Administration Prioritization

- Different Administrations

# Further Utilization of Commercial Capabilities

## Commercial Ship Conversions

- AFSB, MSV, etc.
- Utilizing existing Classification Standards



# Further Utilization of Commercial Capabilities

## CONUS to Sea Base Replenishment

- Liner Service with Motion Compensated Cargo Gear
- Deliver, re-supply of MPF/LMSR



# Further Utilization of Commercial Capabilities

## Cargo Delivery to Remote Hazardous Regions

- OSV type/alternative with next generation DP
- No more remote or environmentally hazardous than the Arctic





# Continue the Dialog With Commercial Industry

## Full Deployment of Sea Basing is Achievable

- Cost Conscious Fleet Modernization
- Proven Off-the-Shelf Technology
- Adaptable to Changing Priorities
- History of Shipping Industry Support





Questions?

