



**PRAESES**<sup>™</sup>  
*Business Technologies*  
*Process Re-engineering and Software Development*

# Mobile Deadweight Survey Update

## Business Processes Panel

# Agenda

- Panel Scope and Focus
- ShipWeight
  - Deadweight Survey tool
  - Team members

# Panel Scope and Focus Areas

- To provide a collaborative industry forum that develops methods that will simplify and optimize business processes required to execute each phase of the ship lifecycle while improving sustainable, repeatable processes that will result in cost reductions and improved service to the customer.
  - Evaluate tools, technologies, and processes that focus on improving business practices throughout the industry.
  - Target solutions that integrate innovative and efficient approaches for rapid implementation.



# Concept: Mobile Deadweight Survey

- Brief history
  - Tried before
  - Process issues
    - Form factor (PDA) largely contributed to this
    - Before ShipWeight implementation
- Mobile devices have come a long way (cost, usability) in the past decade
- Moving data has become more standardized, lightweight

# Mobile Deadweight Survey tool

- Project goal would be to develop a live “as-inclined” condition of the vessel during the deadweight survey
- Essentially import the Load Weight Report
  - View data by compartment
  - Select compartment
  - List of equipment, stores, etc
  - Check for correct presence/location
  - Revise location, if necessary
  - Dry/Wet
- Upload installation info to the ShipWeight database

# Team Members

- MMC
  - Praeses (lead) – mobility experts
  - DRS – ShipWeight experts
  - Gibbs and Cox – SME
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- In the process of getting subcontracts in place
  - Kickoff in conjunction with this joint panel meeting