The Surface Force

NDIA Expeditionary Warfare Conference

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Issues and Challenges

- Dynamic 21st Century Security Environment
  - Facing uncertain threats
  - Increasing Missions
  - Maritime Security at the Forefront

- Requires Right Mix of Assets
  - Capability based

- Affordable Solutions
  - Right capability at right cost

Requires Aligned and Integrated Approach
- **Integrated, flexible, sustainable strategic planning process**
- **Success in an uncertain, changing environment with unknown future**
- **Aligns/integrates stakeholders' planning activities, resource assumptions and decisions**
- **Improves quality and efficiency of strategic planning efforts**
New Maritime Strategy

"A Cooperative Strategy for 21st Century Seapower"

• Collaborative Partnerships
  – Reflects international and national contribution
  – Signed by service chiefs of USN, USMC, and USCG
  – Through collective security efforts, maritime forces will:
    • Build trust and confidence among nations
    • Focus on common threats and mutual interests

• Re-affirms core capabilities
  – Forward presence, Deterrence, Sea Control, Power Projection

• Requires expanded capabilities
  – Maritime security and humanitarian assistance/disaster relief

• Security, Stability, and Seapower

• Cannot surge Trust

*Provides for right balance of forces and capabilities*
Navy Enterprise: Alignment and Cost Control

Outputs:
1) Future Capability*** at Cost
2) Support of Current Readiness at Cost

* Other ASNs as necessary
** CPF as necessary
*** Includes both modernization and new assets
TYCOM C² vs SWE

Readiness Policy & Execution

C² Organizations Cannot Run a Business

Business Processes
CLASSRON: SWE / Warship Interface

CLASSRONs Bridge the Gap

Processes

Feedback

Surface Warfare Enterprise
Surface Readiness

Understanding and Controlling Costs drives Productivity

CLASSRON Accountability is Key
Building a Navy for Tomorrow
The Path to 313

LPD 17: Increased Amphibious Lift Capability

LCS: Access to the world’s littorals

DDG 1000: Next Generation Multi-Mission Destroyer

Balanced, Rotational, Forward Deployed, and Surge Capable
Future Expeditionary Force

- LPD 17
  - Replaces 4 ship classes
- LHD 8
  - Gas turbine powered
- LHA 6
  - Next generation big deck
  - Aviation-centric
- MPF (F)
  - 14 ship sea base enabler
- DDG 1000
  - Precision and volume fires
Littoral Combat Ship

- Spiral Development
- Reconfigurable Mission Modules
  - MIW, ASW, SUW
- Optimally Manned Crew of 75
- Multi-Crewing for Core Crew (4:3)
- Hybrid Sailors, Trained to Qualify
- Heavy Reliance on Shore Based Simulators
- Workload shifted ashore
- Acquisition Strategy
  - Restructuring procurement plan
  - Shift to single design

Comprises nearly 20% of 313 Shipbuilding Plan

USS FREEDOM - Lockheed Martin
Delivery - May 08

USS INDEPENDENCE - General Dynamics
Delivery - June 08
Modernization

• Critical to get full service life from our existing ships
  – CG and DDG Modernization
  – LSD 41/49 Mid-Life Program
  – MCM Modernization

• Avoiding early-retirement requires commitment to keeping these ships relevant

Getting full service lives from existing ships is a critical component of the 313 Ship Plan
Distance Support

Remote Monitoring
- Equipment Status
- Personnel Status

Remote Diagnostics
- Equip Diagnostics
- Medical Assistance

Prognostics
- Predictive Logistics
- Managed Bandwidth

Technical Assistance

Training

Equipment Status

Personnel Status

Monitoring & Diagnostic Functions

TSCE Access

• Availability Planning
• Maintenance Control
• Trend Analysis
• Logistics
• Training

ATG / RMC / RSO / ISEA / OEM

SIPRNET

NIPRNET

LCS

BMD Ship
24/7 Support

SURGE UNIT

SEA SWAP

Technology Enables Workload Moving Ashore...
Future Operating Environment Requires It
SWO Alignment with Acquisition Corps

• SWO ACs more important than ever
  – Need experience to manage big programs (LCS/DDG-1000/CG-X)

• Develop ACs earlier through education/experience tours

• Will begin picking ACs at CDR Command Boards
  – 1st AC experience tour immediately after selection
  – Mainstream Acquisition tour after CDR CMD

• Produce pool of quality officers for Major CMD AC tours
  – Program Manager DDG-1000, CG-X, etc

Selecting Best and Brightest for AC
Enabling Tomorrow's Surface Force

- Balance Capability and Affordability
- Integrated Strategic Planning
- Alignment and Cost Control

Ready, Agile, Global
Discussion