Expeditionary Warfare Conference

VADM Bill Burke
Deputy Chief of Naval Operations for Warfare Systems (CNO N9)
Requirements and Resources

- Warfare Resource Sponsors (former High 8’s)
- Integration and Programming (N8F disestablished)
- SCN Resources and plan
- APN Resources and plan

- Fleet maintenance
- Fleet operations
- Fleet training, range & targets
- LCCs and ASs
- Ordnance maintenance
- Nuclear Weapons safety & security

- Manpower resources
- Coordinate with BSO, USFF, TYCOMs
- RS SPP development
- Force Structure requirements
- Schoolhouse Training
- MPT requirements in acquisition /JCIDS

New Resource Sponsor

NAVY Chief Financial Officer

DCNO Warfare Systems

Director, Program Integration
N9I

Asst DCNO N9B

Director, Expeditionary Warfare
N95

Director, Surface Warfare
N96

Director, Undersea Warfare
N97

Director, Air Warfare
N98

DCNO for Resources & Capability Integration
N8

Asst DCNO N8B

Director, Programming
N80

Director, Assessment
N81

Director, Fiscal Management
N82

Director, Joint Capabilities & Integration
N83

Director, Innovation/Technology Rmts and T&E
N84

Director, Special Programs
N89

N00X Functions

N81D

N091
POM Development and Assessment Process

POM Development

- PRESBUD Impacts (All)
  - POM Guidance and FEA (N8)
    - Modeled Requirement (N1, N2/N6, N4)
      - Resource Sponsor SPP (N1, N2/6, N4, N9)
        - POM Development (N80)
          - Integrated Balanced POM (N8)
            - Approve Navy POM (CNO)

Assessments

- Requirement
- Resource
- Assess
- Integrate

- Manpower Wholeness (N1)
- Readiness Wholeness (N4)
- Integration & Interoperability (N2/6) Lead
- ISA BAMs
- ISPP BAMs
- IPA Development (N81)

- Risk Analysis
- SPP Excursions
- POM Trade-offs

Jul/Sep Oct Nov Jan Mar Apr May
Balancing Resources to Achieve Wholeness

Procurement
Long Lead Time
SCN/OPN/WPN/PANMC/RDTE
High 8’s
Procurement drives end strength and training requirements

Operations
Steaming Hours
COCOM Demand
Drives inventory requirements

Maintenance/Modernization
Cost increase w/ aging fleet
Throughput issues

Wholeness
N9
Manning impacts ability to conduct ops/maintenance

Manpower
MPN
N1

N4
Bases

East Coast - Suez Canal                  15
East Coast - Strait of Hormuz       24
East Coast - Strait of Malacca      31
West Coast - Yokosuka                  14
West Coast - Strait of Hormuz     32
West Coast - Strait of Malacca    23

Transit Times (in days)

~10/12/13 ships
~31/34/34 ships
~4/2/2 ships
~50/55/58 ships
~15 ships
~30 ships
~4/3/3 ships

Deployed: 99 / 106 / 110 Ships

Total: 285 / 285 / 295 ships

FY2013 / 17 / 20

TOMORROW’S NAVY

OPERATE FORWARD: Strategic Maritime Crossroads
Mine Countermeasures
Leveraging LCS, Upgrading MCM

**WATER DEPTH**
- **Shallow Water/Deep Water**: 40'-300'/300'-1000'
- **Very Shallow Water (VSW)**: 10'-40'

**CAPABILITY**
- **Hunt**
  - MCM 1 w/32(V) variant
  - MH-53E or USV w/AQS-24
- **Neutralize**
  - MH-60S w/AMNS
  - MCM 1 w/SLQ-48 or SeaFox
- **Sweep**
  - MCM 1 w/SLSLQ-37 & SLQ-38

**Detect & Classify**
- **Detect ONLY**
- **Detect ONLY**

**FLOATING & NEAR SURFACE**
- **IN-VOLUME**
  - AQS-24
  - Mk 18 Mod 2 UUV
  - Mk 4 MMS
- **CLOSE-TETHERED**
  - AMNS Near-Surface
  - EOD MCM DET
- **CLOSE-CLOSE-TETHERED**
- **BOTTOM**
- **BURIED**

**UNCLASSIFIED**

Afloat Forward Staging Base provides mothership for mobile, light MCM resources
AFSB – Now and the Future

**AFSB(I)**
- Rapid Development and Deployment
- Hybrid Crew
- Flight Deck
- Mothership to PC and MCM

**MLP to AFSB Issues**
- Affordable Capability
- SOF Enabled
- USNS vs USS
- Smart Build
L-Class Force Structure

Shipbuilding Status
- LPD-17 production is stable
- Big Deck Recapitalization Underway
- LSD-41 recapitalization is last leg of Amphibious Triad
**Strategic Context**

- Entering Analysis of Alternatives Process

- Cost constraints tighter due to other shipbuilding during the same timeframe

- Industrial Base Concerns

**Navy Desires**

- Equivalent Capability at affordable cost

- Low Total Ownership Cost as priority

- Reduced Energy Consumption, Operations & Sustainment Costs
Connectors

SSC/LCAC-100 LCU Recapitalization

Landing Craft Utility (LCU)

Increased Payload – 74 STONs
One Gearbox Per Side
Gear Driven Bow Thrusters
New HVAC System
More Powerful Engines w/ New Digital FADEC
Pilot / Co-Pilot Configuration
New Port and Starboard Cabin Design

SSC/LCAC-100 LCU Recapitalization
QUESTIONS?