Mission & Life Cycle Management Process

**PMS 443 Mission**
Manage a comprehensive portfolio of programs providing surface ships with the highest level of operational readiness, and sustaining ships at peak capability through their service life.

**Life Cycle Management**
PMS 443 leads the Life Cycle Management Process, incorporating a standard process across the operational, technical, and programmatic spectrum for the identification and prioritization of critical issues impacting the surface fleet and to inform current and future year resourcing decisions.
Reducing Availability Package Size

- Increase Readiness & Sustainment will reduce Corrective Maintenance Requirements in ship specific availability.
- Cheaper to maintain Current Readiness than to buy it back during the Availability
**LIFE CYCLE MANAGEMENT PROCESS**

**REQUIREMENTS ANALYSIS & PRIORITIZATION**

- **Year Round**
  - Raw Data & Metrics Analysis
  - NSWCC Corona
  - Bi-Weekly Class Management Teams

- **September - January**
  - System Health Analysis
    - Issue Root Cause and Recommendation Development
    - NSWCC Philadelphia, NAVSEA 05

- **April**
  - Life Cycle Management Group
    - Establishes Priorities Annually within each Ship Class

**FY Resource Allocation**

- **Execution dependent upon existing Program controls and Priority**
  - Varying solutions = Multiple means of resolution

**Program and Priority**

- Annual Task Planning Sheets
- HM&E Sustainment
- Engineering for Reduced Maintenance
- Diminished Manufacturing Sources and Material Shortages (DMSMS)
- Integrated Logistics Tasking
- Modernization
- MACHALT

**Resourcing Process**

- STAR BOARD
- POM
- SEWMMC

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Distribution Statement A: Approved for public release. Distribution is unlimited.
SHIP MAINTENANCE DATA IMPROVEMENT INITIATIVE (SMDII)
DATA ANALYSIS AND METRICS

NMD-R Database
- Planned milestone dates and Avail costs
- Actual milestone dates and Avail costs
- Work specs with costs
- Lower-level detailed planning information

CNRMC Data
- Planned and actual TSRA dates

NDE Database
- Work Load Agreement
- Safety SCD
- Planned and actual Avail dates

SURFMEPP Data
- Mandatory Tech Requirements from NDE and other sources
- Ship Sheets

NSLC 3M and eDFS databases
- TSRA 2Kilos
- Departures from Spec

TAAS-Info Database
- Assessment schedule and findings

OPNAV Data
- Program Budget Information System and/or N83 Ship Maintenance Model

Other support data TBD

Executive Level Dashboards and Reports
- E2E Common Operating Picture
- Avail Flow Metrics
- Avail Grey Book
- Readiness Common Operating Picture
- Readiness Kill Chain

Ad-hoc Querying and Data Analysis

Material Readiness Assessment Business Intelligence (MRA-BI) System

MRA Data Warehouse

Initial Operating Capability (IOC)

External Data Sources
- Existing MRA-BI IT System
- Existing Dashboards and Reporting
- New SMMDC Data & User Interface

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Discussion

USS KEARSARGE (LHD 3) and USS BAINBRIDGE (DDG 96)
ARABIAN SEA – 17 MAY 2019