

SURFACE SHIP READINESS AND SUSTAINMENT

15 JANUARY 2020

Presented to:

SURFACE NAVY ASSOCIATION

Presented by:

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Major Program Manager

SURFACE SHIP READINESS AND SUSTAINMENT (PMS 443)



Mission & Life Cycle Management Process

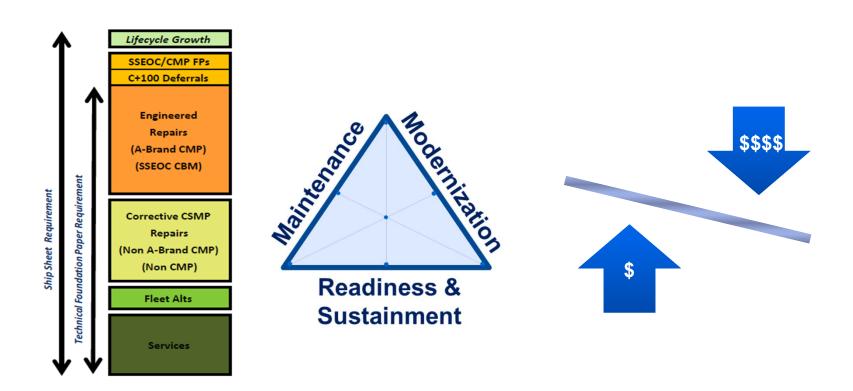
PMS 443 Mission

Manage a comprehensive portfolio of programs providing surface ships with the <u>highest level of operational readiness</u>, and <u>sustaining ships at peak capability</u> 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

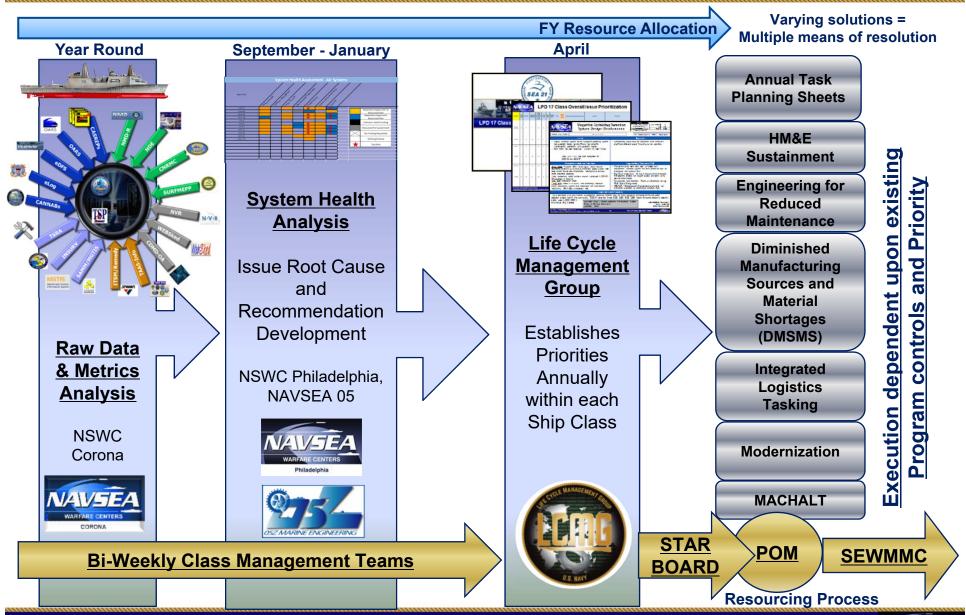
Reducing Availability Package Size



- 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



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

Initial Operating Capability (IOC)

Material Readiness Assessment Business Intelligence (MRA-BI) System

MRA Data Warehouse

External Data Sources

Existing MRA-BI IT System

Existing Dashboards and Reporting

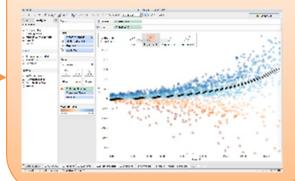
New SMMDC Data & User Interface

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





Discussion



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