



# *Amphibious Wholeness Overview*

## ASNE DAY 2012



# Report Documentation Page

*Form Approved*  
*OMB No. 0704-0188*

Public reporting burden for the collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to a penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.

1. REPORT DATE <b>2012</b>	2. REPORT TYPE	3. DATES COVERED <b>00-00-2012 to 00-00-2012</b>			
4. TITLE AND SUBTITLE <b>Amphibious Wholeness Overview</b>		5a. CONTRACT NUMBER			
		5b. GRANT NUMBER			
		5c. PROGRAM ELEMENT NUMBER			
6. AUTHOR(S)		5d. PROJECT NUMBER			
		5e. TASK NUMBER			
		5f. WORK UNIT NUMBER			
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) <b>NAVSEA Naval Sea Systems Command, 1333 Isaac Hull Avenue, SE, Washington Navy Yard, DC, 20376</b>		8. PERFORMING ORGANIZATION REPORT NUMBER			
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)		10. SPONSOR/MONITOR'S ACRONYM(S)			
		11. SPONSOR/MONITOR'S REPORT NUMBER(S)			
12. DISTRIBUTION/AVAILABILITY STATEMENT <b>Approved for public release; distribution unlimited</b>					
13. SUPPLEMENTARY NOTES <b>Presented during ASNE Day 2012 "Naval Warfare - Critical Engineering Challenges" February 9-10, 2012, Arlington, VA"</b>					
14. ABSTRACT					
15. SUBJECT TERMS					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT	18. NUMBER OF PAGES	19a. NAME OF RESPONSIBLE PERSON
a. REPORT <b>unclassified</b>	b. ABSTRACT <b>unclassified</b>	c. THIS PAGE <b>unclassified</b>	<b>Same as Report (SAR)</b>	<b>8</b>	

# Amphibious Ship Modernization Plan

## LSD 41 Mid-Life Program Description

- ❑ Returns ships to capable Fleet asset status, able to meet mission requirements through 2038
- ❑ Improves declining material condition and readiness, replacing obsolete equipment and reducing total ownership costs through technology insertion
- ❑ Applies to LSD 41-48 (*Whidbey Island Class*) and LSD 49-52 (*Harpers Ferry Class*)

## LHD 1 Mid-Life Program Description

- ❑ LHD 1 class Mid-Life upgrade planned to achieve expected service life threshold of 40-years with an objective of 50-years
- ❑ Phased program to identify and prioritize maintenance cost drivers to engineer and implement cost effective solutions
- ❑ Provide selected capability upgrades (Fuel Oil Compensation System and RHIB Davits)





# LPD 17 Task Force Objectives

## Tasking

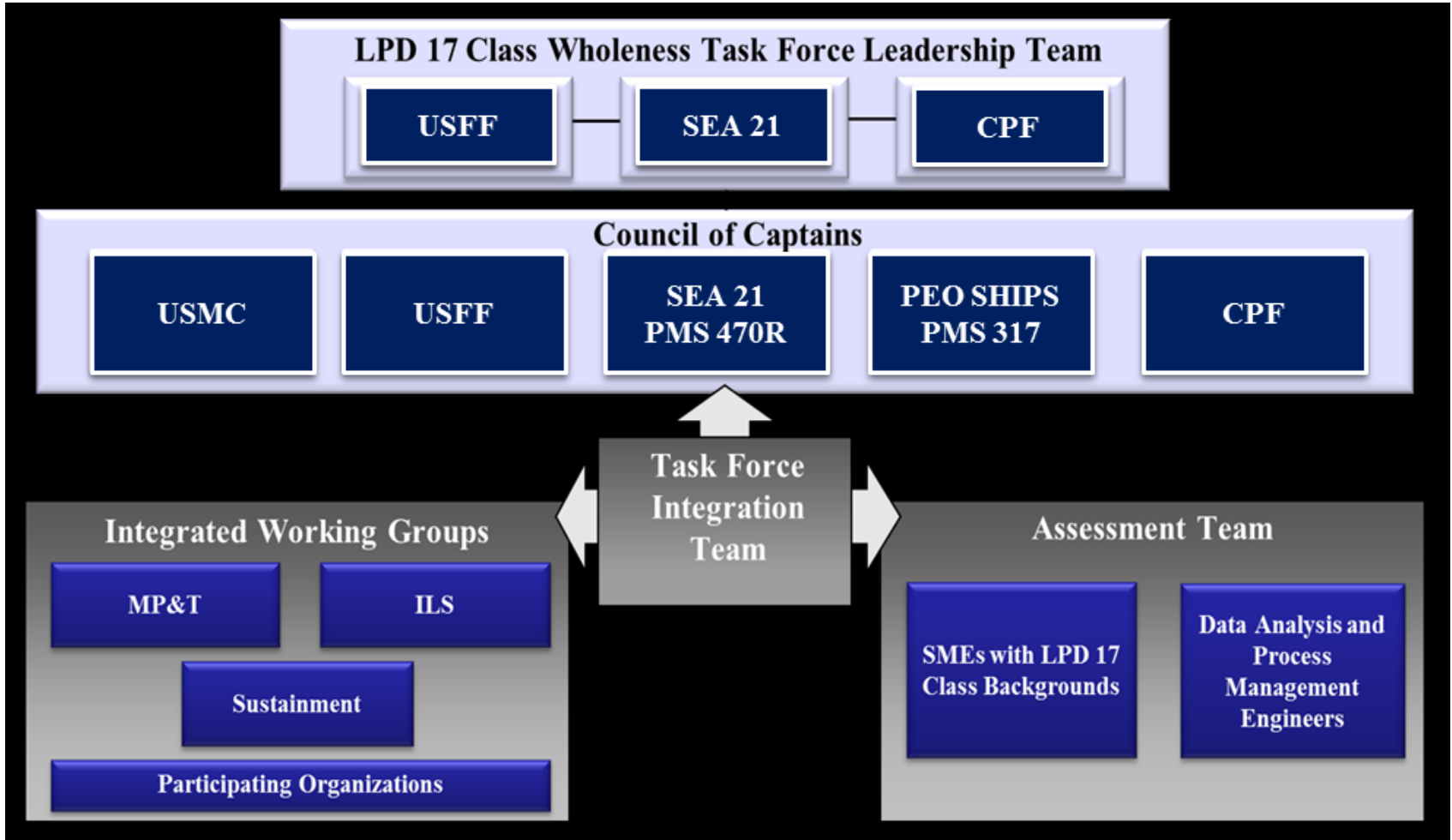
- **8 JUL 2010:** U.S. Fleet Forces Command (USFFC) and U.S. Pacific Fleet (COMPACFLT) jointly requested NAVSEA to co-lead with CPF and USFFC Fleet Maintenance Officers (N43), a comprehensive assessment of LPD 17 Class Readiness

## Task Force Objectives

- Task Force Leadership structured the Task Force to holistically examine all facets of SAN ANTONIO Class Readiness including:
  - Current readiness affecting Sustainment, Integrated Logistics (ILS), Manpower, Personnel and Training (MPT)
  - Factors driving reduced Readiness to include:
    - Obsolete equipment
    - Lack of spare parts support
    - Departures from specifications
    - System alterations
    - Changes in system employment
    - System aging factors
  - Shipboard manning

***“...conduct a comprehensive assessment of the state of readiness of the SAN ANTONIO Class LPDs and develop recommendations to improve the readiness of those ships.”***

# Task Force Structure





# Task Force Approach & Process

## DEFINE

## MEASURE

## ANALYZE

## IMPROVE

## CONTROL

Phase 1:  
Establish  
Readiness Task  
Force

Phase 2:  
Capture &  
Analyze Current  
State Readiness  
Data

Phase 3:  
Develop  
Actionable  
Recommendations

Phase 4: Final  
Report &  
POA&M  
Development

Phase 5:  
Manage  
Recommendation  
Execution

Core Process Steps

- Scope Readiness Task Force
- Readiness Task Force Kickoff

- Past Study Examination
- Metrics Analysis
- Survey Deployment
- Assessment Team Site Visits
- Analyze Readiness Data Captured

- 3A. Assessment Team**
- Distribute readiness findings & analysis to IWGs
- 3B. IWGs**
- Develop Actionable Recommendations
  - Identify interdependencies
  - Prioritize Recommendations based on Risk and Reward criteria

- Develop initial draft report
- Review draft report with Leadership
- Update draft report per feedback received
- Finalize report and submit up Chain of Command

- Scope Readiness Task Force
- Readiness Task Force Kickoff

Key Outputs

- Letter
- Charter
- POA&M
- Communication
- Plan

- Readiness Task Force Survey
- Historical Study Data
- Metrics Deep Dive
- Prioritized list of Readiness Issues

- Final set of detailed recommendations
- Final set of holistic recommendations
- Initial Implementation POA&M

- Final Report and brief of Task Force Findings and Recommendations
- Final Implementation POA&M w/detailed action list

- Recommendation Implementation

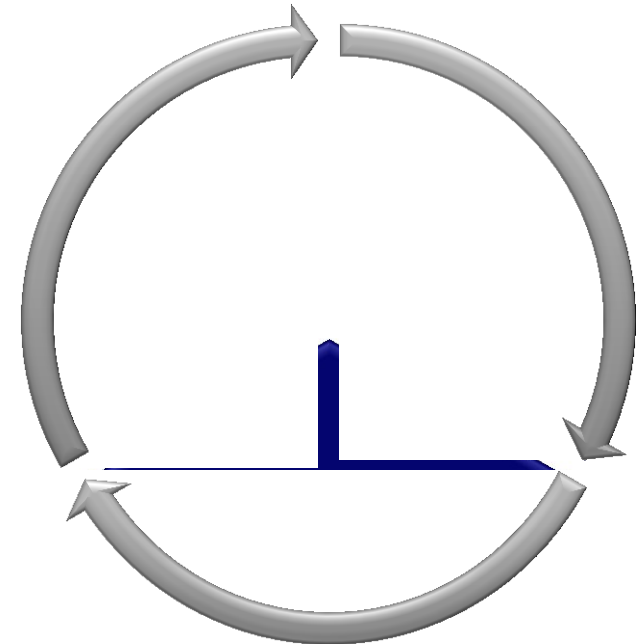
## Facets of Readiness

- Task Force developed three Integrated Working Groups (IWG) to assess and address Readiness:
  - Sustainment
  - Integrated Logistics Support (ILS)
  - Manpower, Personnel, and Training (MP&T)

## Task Force High Level Findings

- HM&E Modernization
- Training
- Manpower/Manning
- Integrated Logistics Support
- Shore Based Spares

### LPD 17 Class Readiness





# Conclusion