Expeditionary Warfare OPNAV N85

16th Annual Expeditionary Warfare Conference

"Integrating Future and Present Capabilities"

26 Oct 11

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U.S. Navy photo by Mass Communication Specialist 2nd Class Jason R. Zalasky

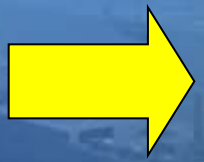
The Priority of Mine Warfare

1. Balanced POM 13 Sponsor Proposal Development With Corresponding Unfunded or Non-Performing Program Vertical Off-sets
2. Successful Development, Operational Test & IOC Fielding of LCS Mine Mission Package in FY11/12/13/15 & 17 (N852 Lead)
3. Oversight and Implementation of JSF Integration, Testing and Fielding on USS Wasp and within the Amphibious Fleet (N853 Lead)
4. Delivery of LHA R Flight 1 Design Option Analysis and DoN Leadership Decision by 2QFY11 (N853 Lead)
5. Delivery of Fundamental Enhanced MPSRON Operational Capabilities by 4QFY13 (Seabasing Lead).
6. Methodical Process To Iteratively Re-Examine The Capabilities, Capacity and Force Structure Requirements of Post-OEF NECC on a yearly basis (N857 Lead)
7. Integrated Oversight Tracking and Improvement in Amphibious Fleet Readiness and TOC across all warship classes and equipment (N853)

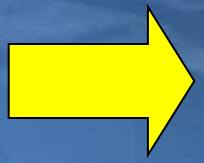
I think about MIW a lot---just ask Ocho Rios!

State Of Mine Warfare

- Mining
- Mine Detection
- Mine Sweeping
- Mine Neutralization



Legacy “Man in the Minefiel



Legacy “Man in the Minefiel

Closing the Tech Gap in Shallow to Deep Water First…
Then Solving the VSW Through Beach Exit Zone

Recent Successes

- Raytheon's AQS-20A mine detecting sonar completed OA and will enter OT in early FY13. Expect to deliver the system to the Fleet in late FY13.

- Northrop Grumman's Airborne Laser Mine Detection System (ALMDS), currently in Developmental Testing, is also planned to bring a leading-edge LIDAR detection capability to the Fleet in FY13 upon completion of OT in early FY13.

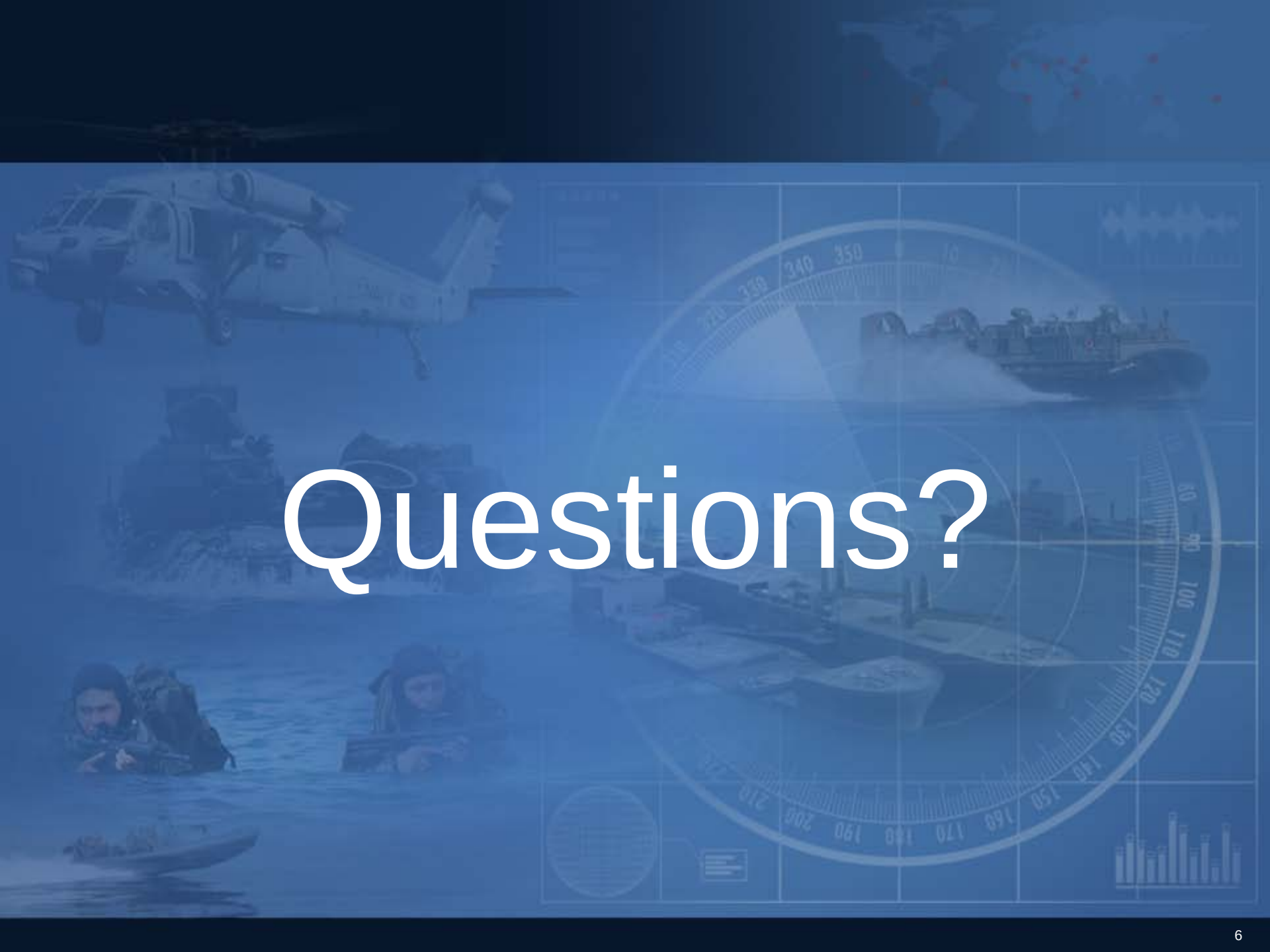
- Lockheed Martin's Remote Minehunting System has entered the initial stages of a thorough Reliability Growth Program, which has the program back on track and will revolutionize the way we conduct MCM, with unmanned vehicles.

- ITT continues to develop and build the Navy's influence minesweeping capability: legacy but proven Mk-105 Mod 4 sleds, Organic Airborne and Surface Influence Sweep (OASIS), and the Unmanned Influence Surface Sweep (UISS).

The Challenge…and Solution

- Cannot wish away the mine problem.
- Potential adversaries will use sea mines against the U.S. and our allies to impede and reduce our maneuver and access.
- Advancements in mining technology are simple and inexpensive when compared to the required effort in developing effective MCM systems.
- We have invested heavily into MCM Mission Packages, which will operate from the LCS and are expected to reach both greater capacity and capability than our legacy MCM force.

We are on the verge of delivering advanced MCM technology to the Fleet.


Questions?