



# *NDIA 6th EWC*

## **Dedicated MCM Force Current & Future**

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**COMINEWARCOM (N8)**

**Requirements – Tactics – Readiness**

**31 OCT 01**



# Outline

- MIW Requirements & Mission Areas
- Near Term- *Sustain/Improve*
- Mid Term- *Capability Growth*
- Far Term- *Total Force Integration*
- Summary

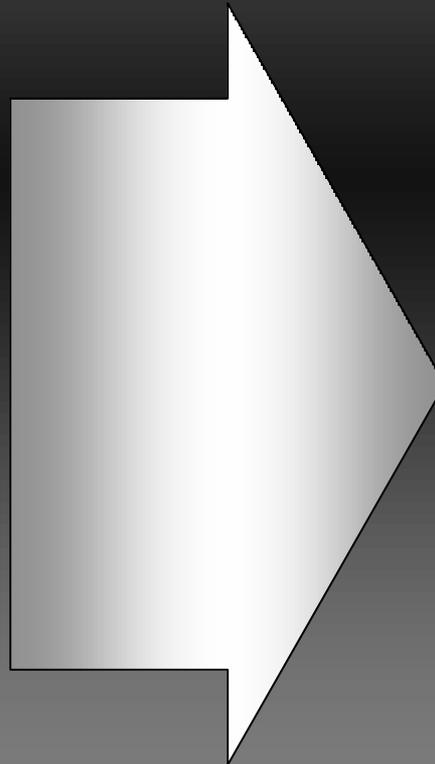


# Joint Warfighting Requirements

(JV 2010/2020)

## Joint/Naval Requirements

- Full Spectrum Dominance
- Power Projection
  - Enable Joint Ops
  - Early AOR Access
- Unencumbered Maneuver In Ports, SLOCs & OPAREAS
  - Combatants
  - Seaborne Logistics
- Naval Component Maneuver
  - Precision Strike, TBMD, Assault Ops
- Low Loss Tolerance



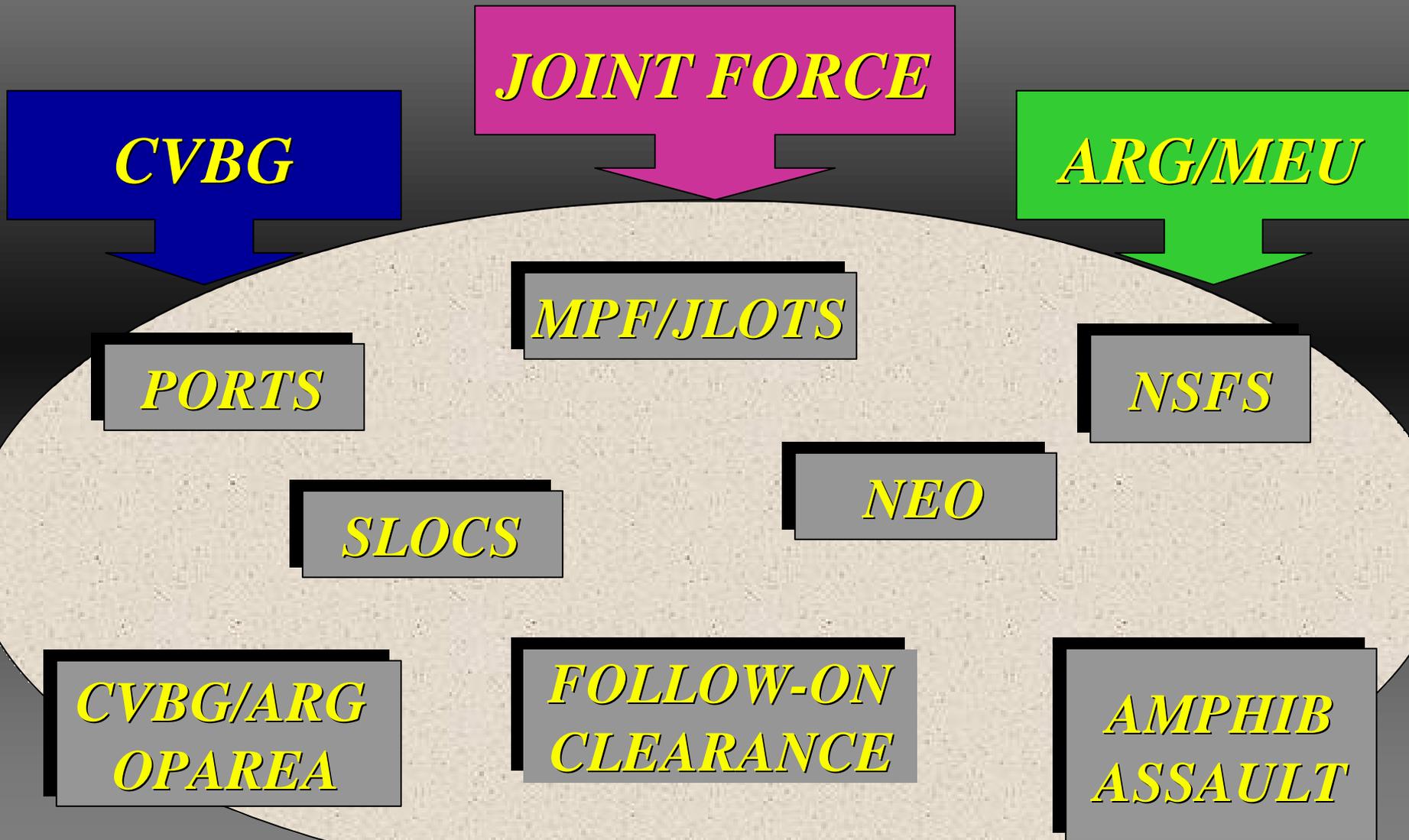
## MCM Requirements

- Timely Application
- Rapid & Effective Execution
- Historical & In-situ Knowledge
  - Threat
  - Environment
  - Contact DB
- Keep Humans out of Minefield



# Mission Areas

*Assured Access / Power Projection*





# Near Term (01-05)

*Sustain / Improve*

- **Current Force Readiness (#1 Priority)**
  - Must maintain ability to support required operations
  - Resource to enhance ‘Mainstreaming’ efforts
  - Emphasis on Fleet MIW Training & Education
    - Fleet engagement and awareness
    - MIW CONOPS implementation
  - CVBG/ARG Mine Warfare Integration
    - Realistic scenario injection
    - Assessing impact of mined environment operations



# Near Term (01-05)

*Sustain / Improve*

- **Modernization**

- Improvements necessary to address:
  - Evolving threat
  - Littoral environment
- Integrate new sensor/system technology
  - Provide robust capabilities to TRIAD forces



# Mid Term (06-15)

## *Capability Growth*

- **Integration of Assigned Systems**
  - Tactical implementation
  - Performance validation
  - ‘Lessons Learned’ feedback
  - Quantify system limitations
    - Asset deconfliction
    - Waterspace management
- **MIW CONOPS Matures**
  - Develop efficient methods for combined Assigned/Supporting MCM operations
    - Continued exercise/deployment integration



# Mid Term (06-15)

## *Capability Growth*

- Implement Worldwide Data Collection Plan
  - Robust environmental survey
  - Minelike contact database population
- Understand the 'Battlespace' from a MIW perspective
- Leverage Technology Enhancements



# Far Term (2015+)

## *Total Force Integration*

- **Seamless 'Sea through Shore' Capability**
  - Mine & Obstacle
- **Integration of New Technologies**
  - Unmanned Systems
    - Air, Surface, Subsurface
  - Improved Surveillance/Reconnaissance
- **Introduction of Follow-on MCM Platform**
  - MCS & MCM ship replacement
  - Potentially the 'SAME' ship



# Far Term (2015+)

## *Total Force Integration*

- **Next Generation Ships Must Be BG/ARG Deploying Assets**
  - Completes total integration capability
  - Provides ability for rapid application of effort across all mission spectrum
- **Overall Force Structure**
  - Will develop based upon validation of capabilities & strategic objectives



# Summary

- Assigned/Dedicated forces are integral parts of our strategy in the near to mid term
- There is a need to leverage technology to modernize the force
- CONOPS will drive innovation and tactical thinking
- In the far term, need to think of the structure of the supporting force



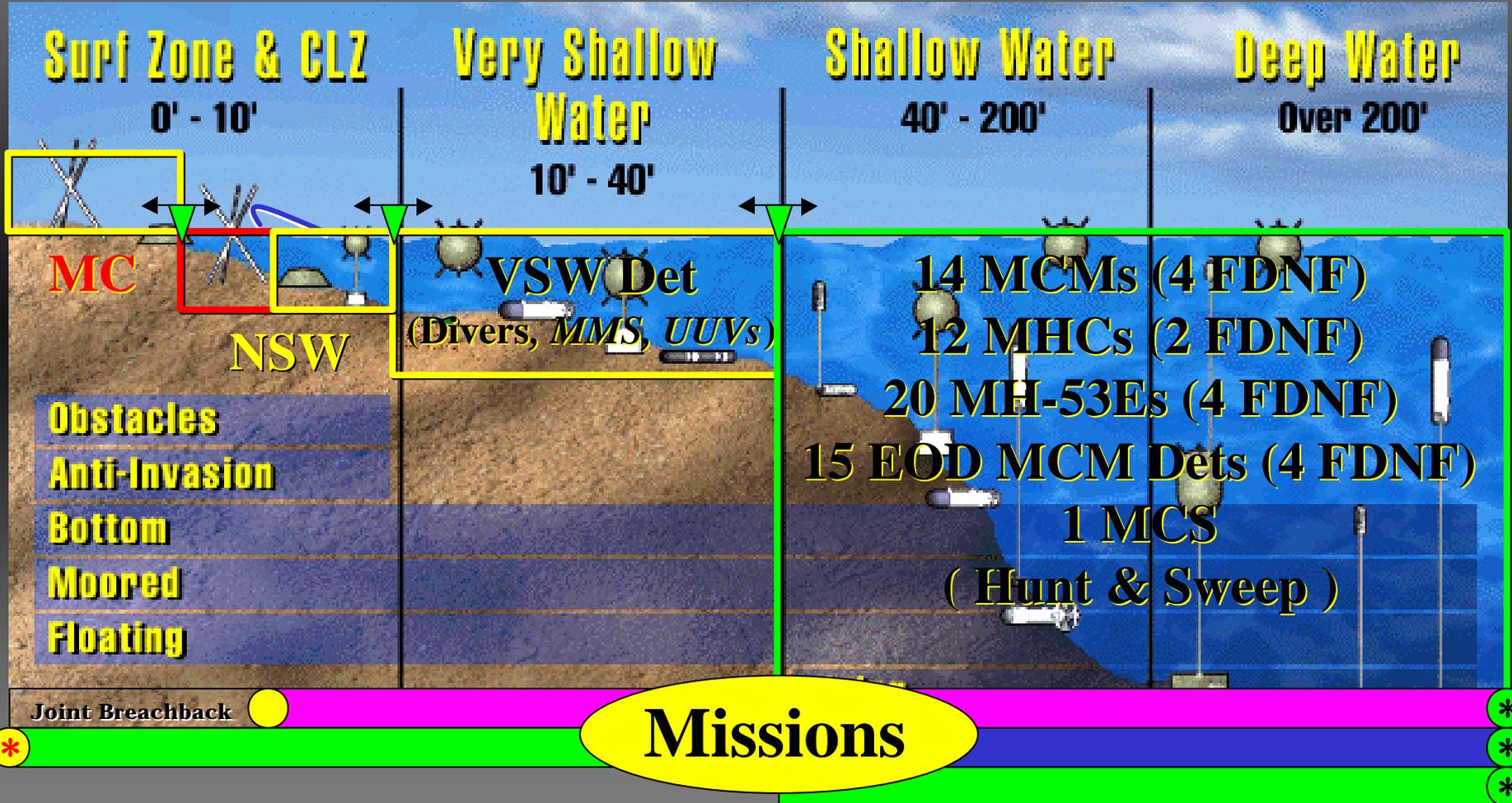
# Questions & Discussion



# Backups



# Capabilities Today



Contingency Forces

Dedicated Forces



# Mission Area Needs

## Assured Access / Power Projection

**BLUE**  
Fleet Ops

**GREEN**  
Amphibious Ops

**PURPLE**  
Logistical Ops

	<b>BLUE</b> Fleet Ops	<b>GREEN</b> Amphibious Ops	<b>PURPLE</b> Logistical Ops
Forces Supported	CVBG, SAG, ARG, MPF	CATF/CLF	Soldiers, Airmen, Marines, and Civilians Ashore
Operations Supported	Transit, Flt Ops, NGFS, Logistics,	Landings, NGFS, Follow-On Logistics	MPF, Logistics, JLOTS, NEO
Battlespace Required	Routes, OpAreas, Shooter boxes, NGFS boxes	Routes Amphib OpArea, FP/NGFS boxes	Routes, SPODs, SPOEs, landings
Requirement Documents	Group Plans, ConOps, Oplans, Conplans	HQ Plans, ConOps, Oplans, Conplans	Oplans, Conplans