



# Requirements in Support of Expeditionary Warfare



## Amphibious Warfare



## Special Warfare



EOD



AIR CARGO



MDSU

EOD/NCW/  
NLW/MDSU/  
NECC



FORCE PROTECTION



RIVERINE



ENGINEERING CONSTRUCTION



SURFACE CARGO



HARBOR SECURITY



MajGen Thomas A. Benes  
Director, Expeditionary Warfare  
Division (N85)



## Seabasing



# The Long War

What we've learned so far...

## Irregular Warfare

“A violent struggle among state and non-state actors for legitimacy and influence over the relevant population”

- Complex Irregular Warfare
- Human Terrain Appreciation
- Continuous Uncertainty



**Force  
Requires Full  
Spectrum Capability**

**Access + Presence + Persistence = Enduring Effects**



# Expeditionary Force (2007 – 2020)



**In-Service Amphibs**



**LPD-17**



**LHA(R)**



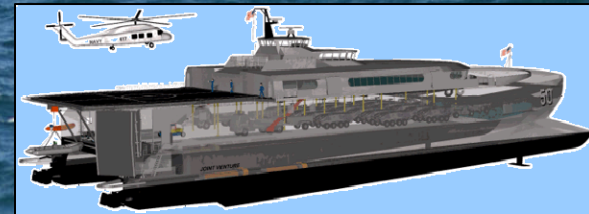
**LHD-8**



**MPF(F)**



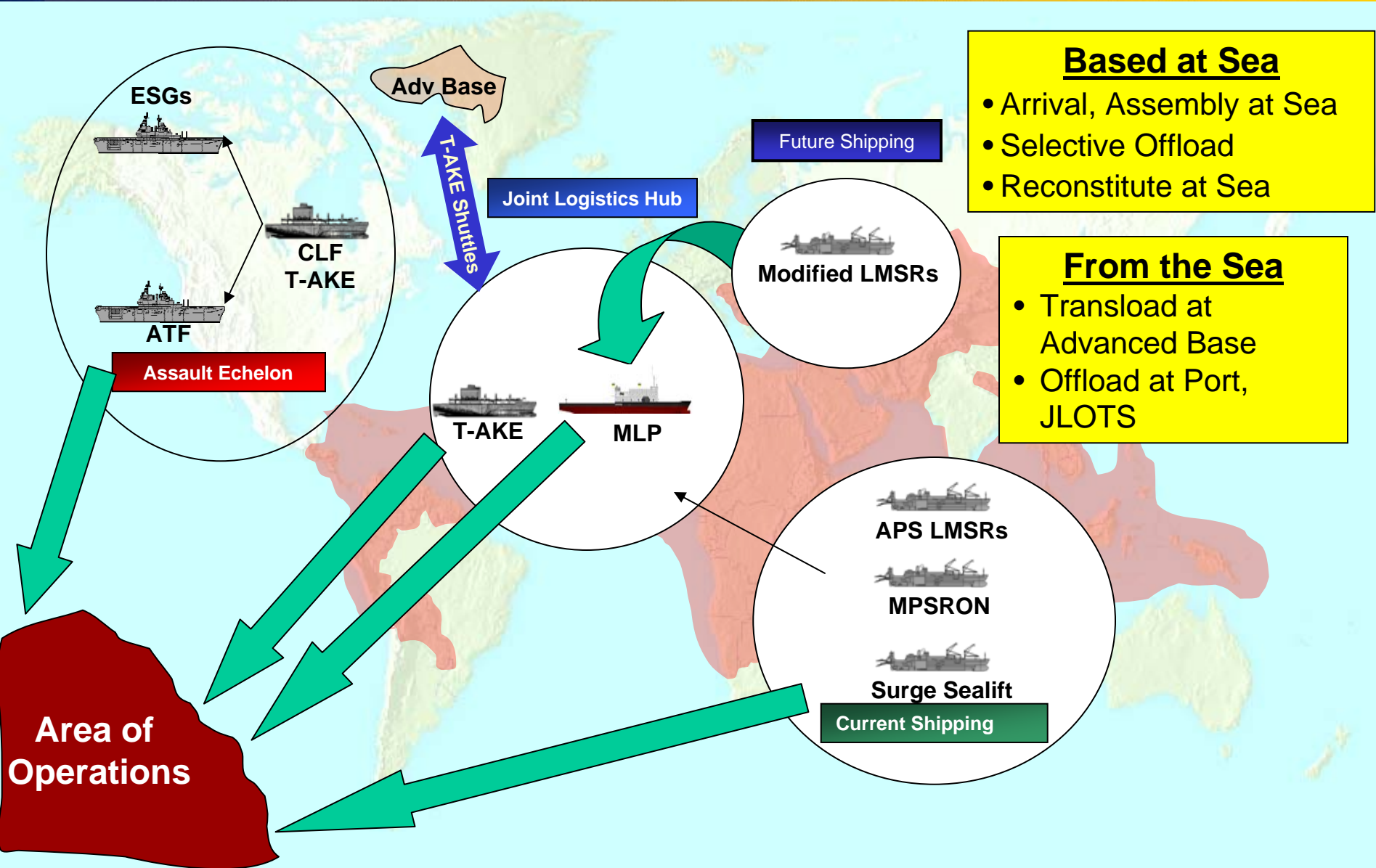
**LCAC &  
Ship to Shore  
Connector / JMAC**



**Joint High Speed Vessel**



# Seabased MPF(F) CONOPS





# Mine Warfare – Legacy to Organic

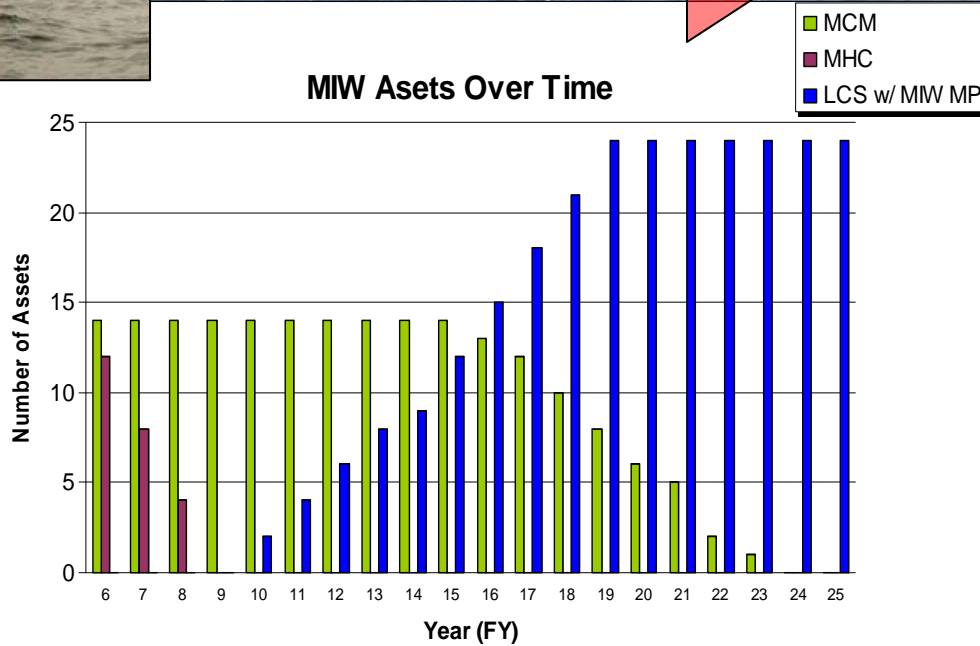
**TODAY**



**FUTURE**



**MIW Assets Over Time**



**LCS MIW MP #1**  
*Roll out Sept 2007*

**Transition from legacy to organic over 2017 – 2023 timeframe**



# MCM CONOPS

## Detect, Classify, & Identify

## Neutralize

## Sweep

Link 16

DDG 1000  
LM

GD  
GD

RMV

AQS-20

MH-60S

AQS-20

MH-60S

ALMDS

MH-60S

RAMICS

Fire Scout

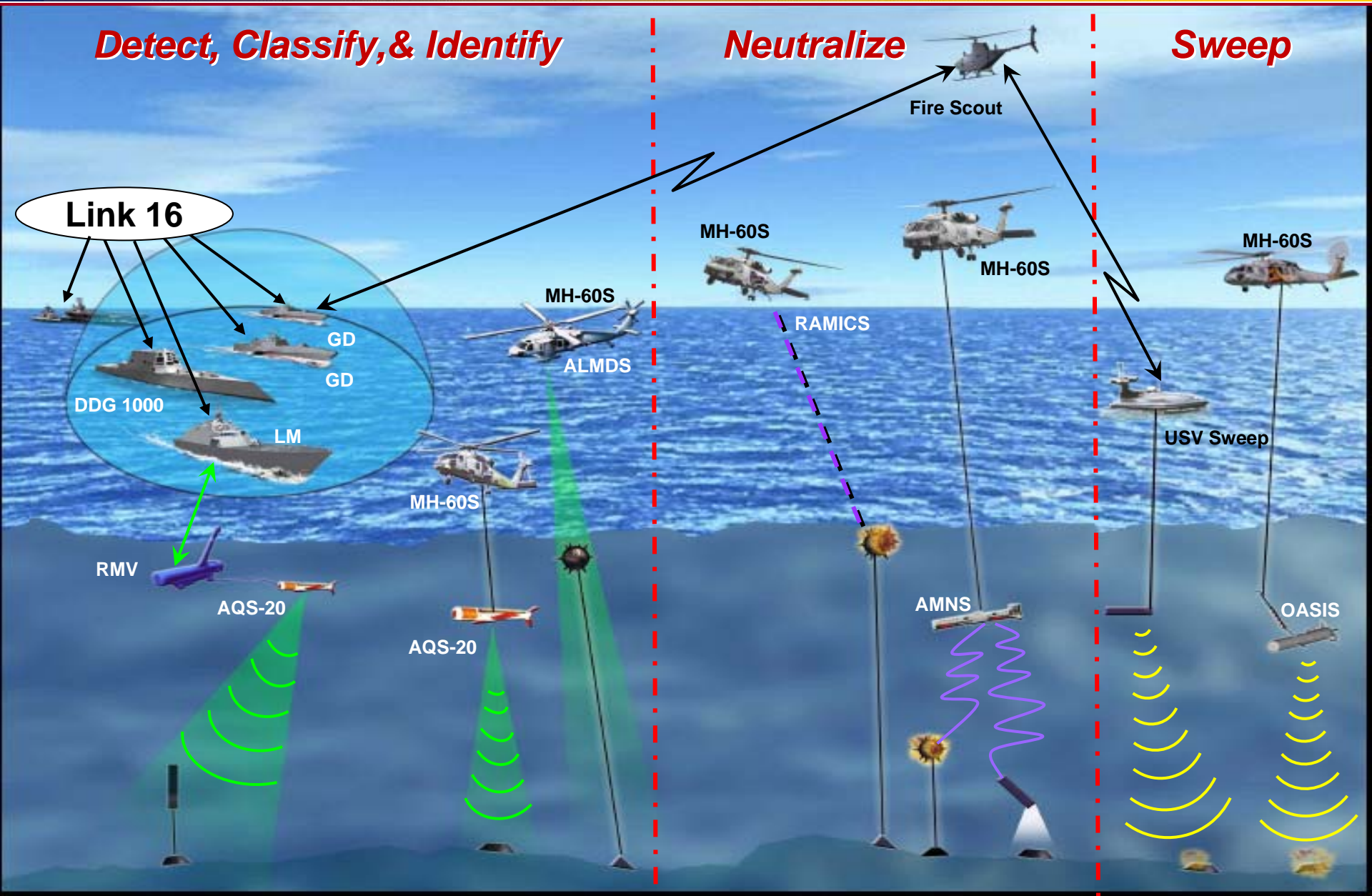
MH-60S

AMNS

MH-60S

USV Sweep

OASIS





# MCM Ship Modernization



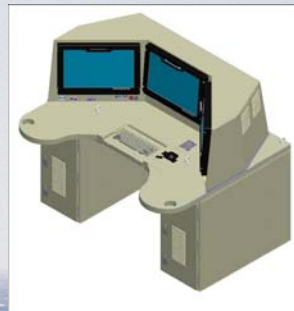
Expendable Mine Neutralizer



OK-520 Winch Modernization



Comm Modernization



AN/SSN-2(V)5, Nav Upgrade



AAG/IAAG



IAAG



Mag Cable Improvements



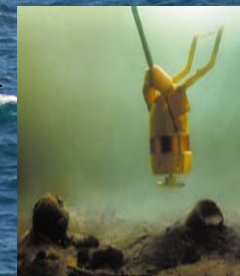
SQQ-32 Sonar Data Recorder



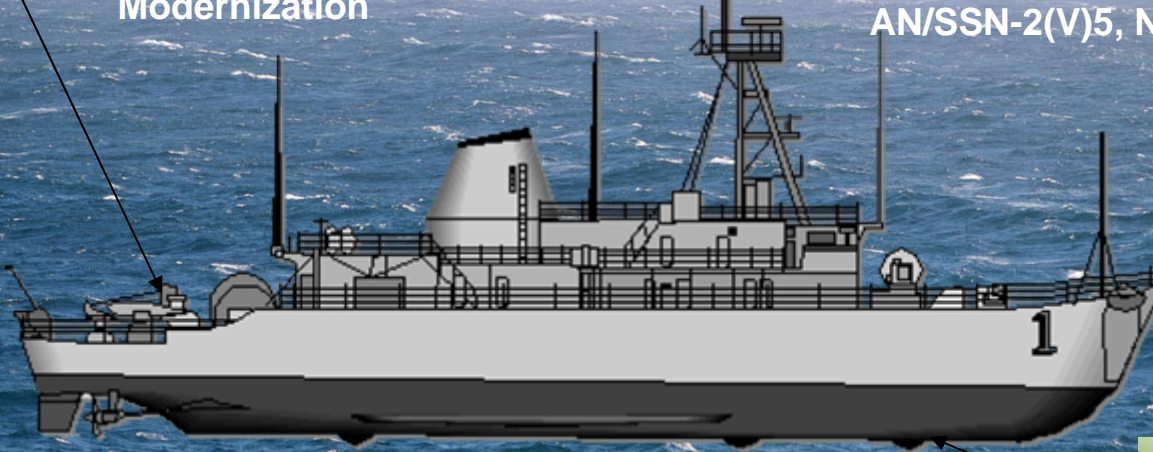
AN/SQH-4B Improved BSP



GCCS-M & MEDAL Expeditionary



AN/SQQ-32(V)4 HFVB





# Seabasing

*An aggregation of capabilities enabled by maritime platforms operating on the sea:*

## Global Fleet Stations



LSD



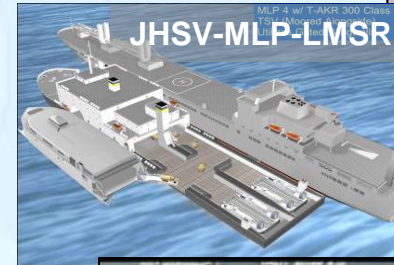
LHD



Maritime Security  
North Arabian Gulf



USNS Comfort



JHSV-MLP-LMSR



LMSR



Skin-skin



JHSV

## Future Seabasing

Rapid closure...At-sea assembly...Joint/multinational interoperability from the sea...Persistently sustained



Questions?

