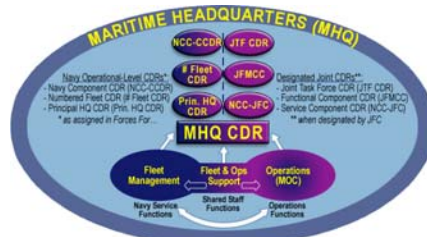




## Maritime Headquarters (MHQ) with Maritime Operations Centers and Navy Experimentation

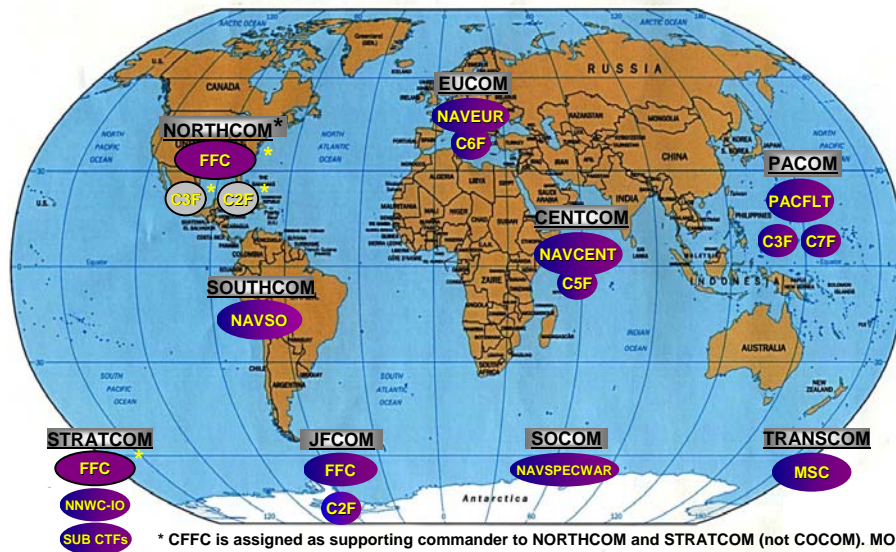


**MORS Workshop: WG3 Methodologies and Tools**  
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 04 OCT 2006



## What are MHQs with MOCs?

CONCEPT FORMERLY KNOWN AS GLOBALLY NETWORKED JFMCCs



# Report Documentation Page

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## MHQ Concept History

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- **1999 JFMCC concept introduced to**
  - **Provide a capability**
    - prioritize multiple tasks with limited naval assets, and
    - conduct full range of EBO in a joint environment.
  - **Develop a process**
    - accommodate simultaneous offensive and defensive operations at the tactical and operational levels, and
    - allow the JFMCC to integrate all naval missions in the littorals.
- **2000 NWDC\* develops JFMCC CONOPS for Millennium Challenge 02**
- **2003 NWDC presents draft JFMCC TACMEMO modeled after the USAF planning process (not endorsed by fleets)**

\* NWDC = Navy Warfare Development Command

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## Concept History, cont.

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- **2003 NWDC develops *Sea Trial Campaign Plan***
  - *JFMCC as the context to establish fleet generated requirements for manning, training, and equipping future maritime forces*
- **2005 Navy Afloat Targeting Integrated Process Team (NAT IPT) workshop produces draft *JFMCC Fires Annex* for the TACMEMO**
- **2005 C2F introduces *Globally Networked JFMCCs*.**
- **2006 NWDC introduces a revised version of the JFMCC TACMEMO (3-32-06)**
- **2006 C2F introduces *MHQ with MOC* following Flag-level conference, revising *Globally Networked JFMCCs* concept.**

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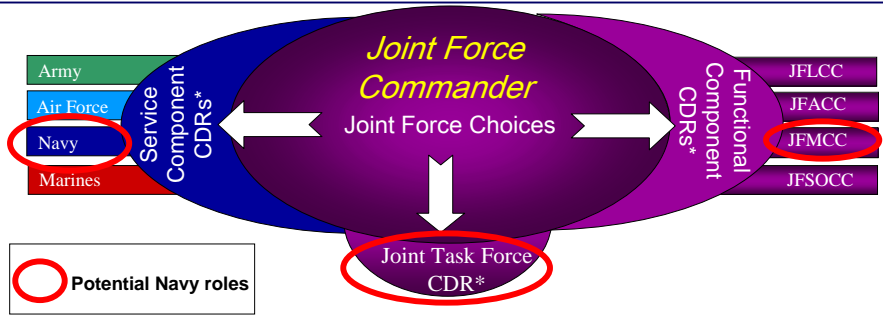
## Why MHQ w/ MOC?

- **After-action analyses of 9-11, OEF, OIF, and Katrina HA/DR identified gaps in C2 capabilities**
  - Analyses highlighted limited ability to:
    - Command in a dynamic environment
    - Rapidly identify necessary participants or communities of interest across echelons for planning and response to crisis action
    - Provide consistent situational understanding at all command levels
    - Efficiently collaborate
    - Receive rapid feedback to assess and adapt to emerging conditions and shortened planning/execution timelines
- **Demand signals / guidance:**
  - CNO Guidance, 2005 and 2006
  - SECDEF memo – Formation & Sustainment of JTF HQs, Feb 2005
  - *National Strategy for Maritime Security*, Sep 2005
  - CNO / CFFC Tasking Messages, 28 SEP 05
  - QDR, 2006 (especially Distributed Networked Operations)
  - Consensus of CNO Maritime Security Conference, Jan & Sep 2006
  - *Naval Operations Concept*, Sep 2006

**Close the gaps at the operational level**



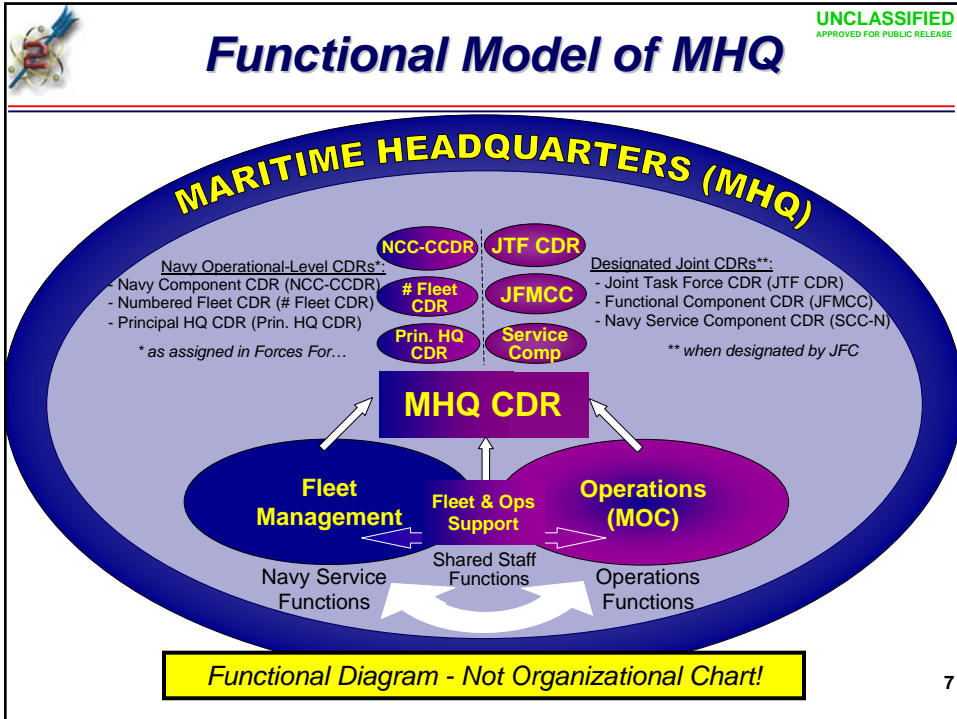
## Potential Joint Roles for Navy MHQs



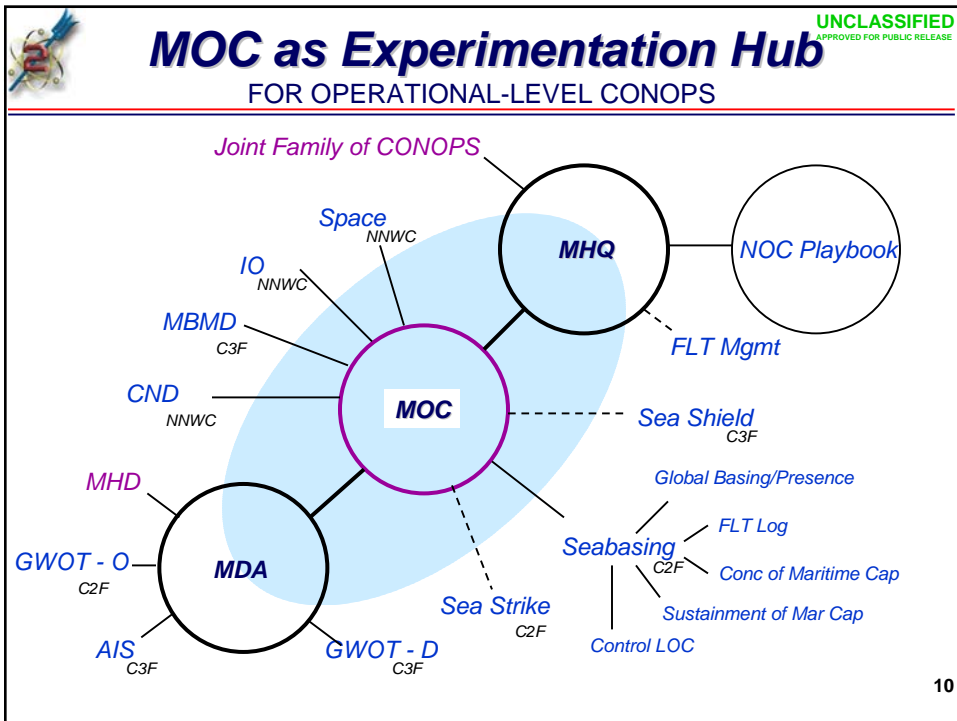
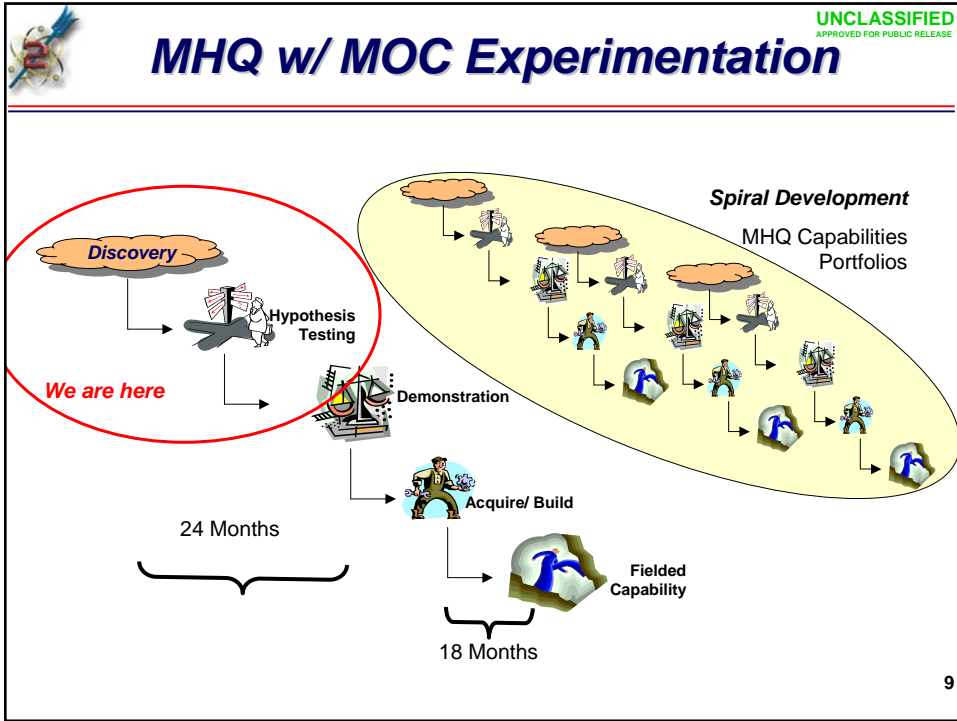
Potential Navy roles

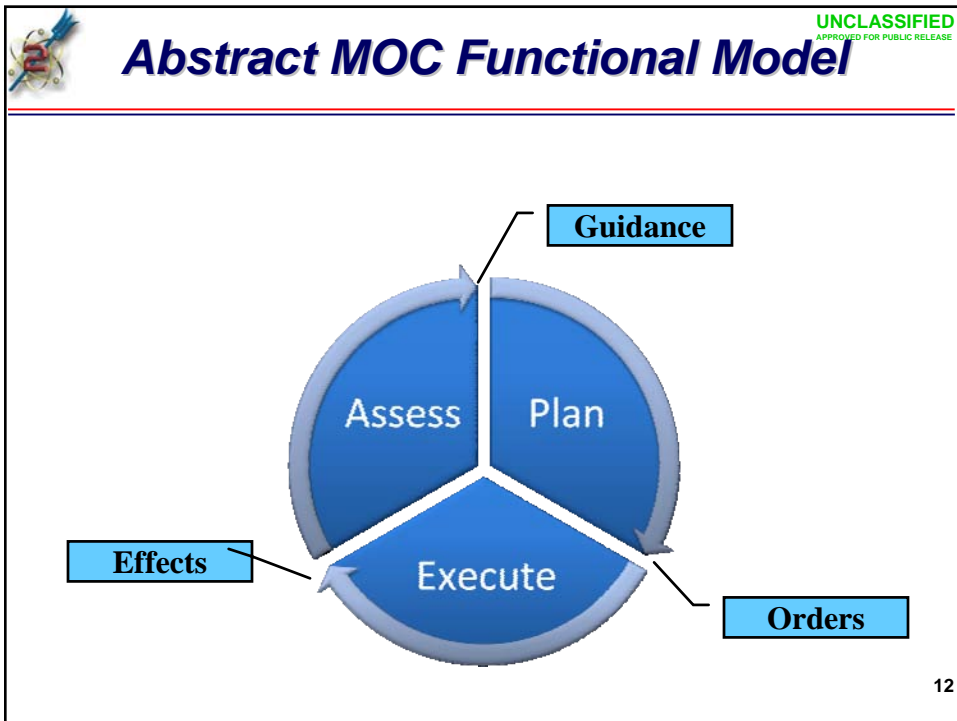
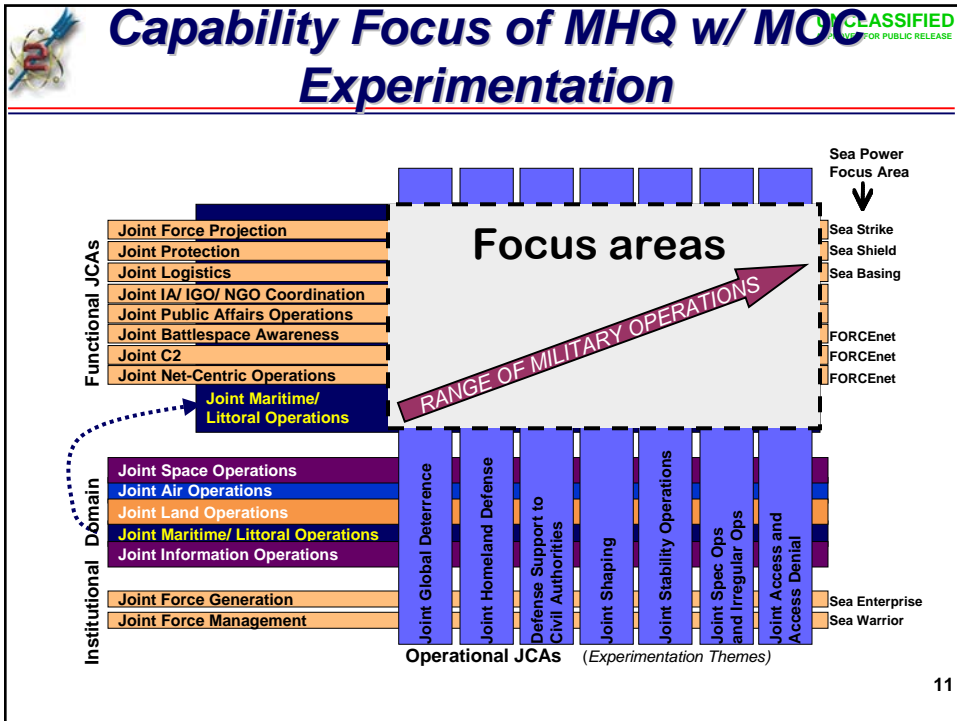
\* Navy CDRs in Joint Roles: (when designated by JFC)

- SECDEF & CNO Guidance
  - Joint Task Force CDR (JTF CDR)
  - Functional Component CDR (JFMCC)
  - Navy Service Component CDR in support of JFC
- CNO & National Strategy for Maritime Security Guidance "Normal and Routine Ops"



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- ## Where MHQ w/ MOC takes the Navy
- **More emphasis on joint expertise for Navy personnel**
    - Training in maritime view of joint processes (not just planning)
  - **MHQ staffs trained and certified for designated JTF and/or JFMCC staff roles**
  - **MHQs with MOCs designed with an operational perspective**
    - Numbered Fleets no longer function as “a major tactical unit of the Navy”
  - **Seamless ability to share information & knowledge across fleets for maritime awareness MDA/HS/HD (as permitted by Combatant Commanders)**
  - **Common processes and procedures across MHQs for scalability & continuity**
    - Centralized Guidance, Collaborative Distributed Planning, Decentralized Execution
  - **Organized to support operations for Combatant Commanders across the ROMO without degrading Title X Service functions “Fleet Management” (a CONUS Fleet concern)**
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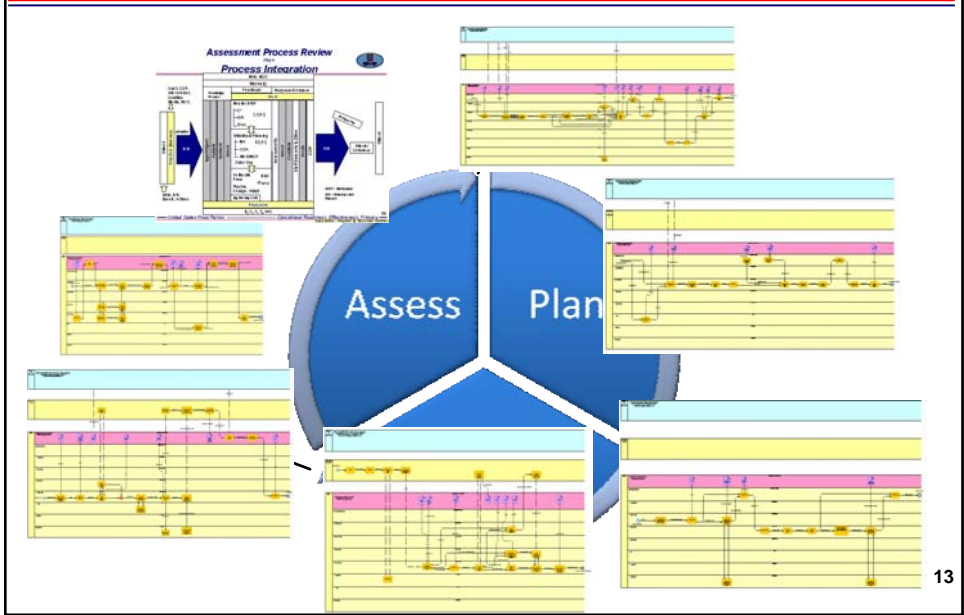






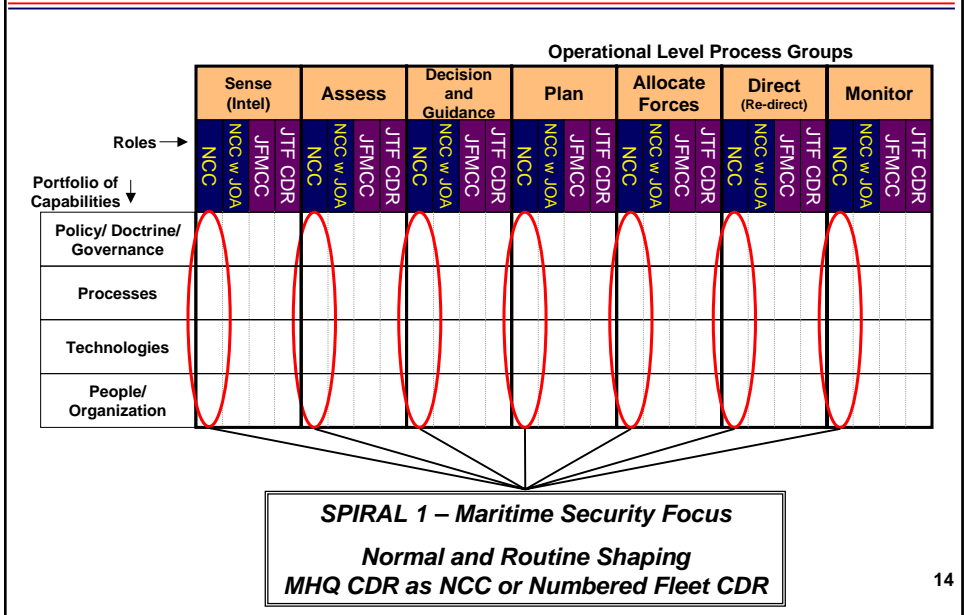
# Abstract MOC Functional Model

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# MHQ w/ MOC Experimentation Campaign (Process-centric Framework)

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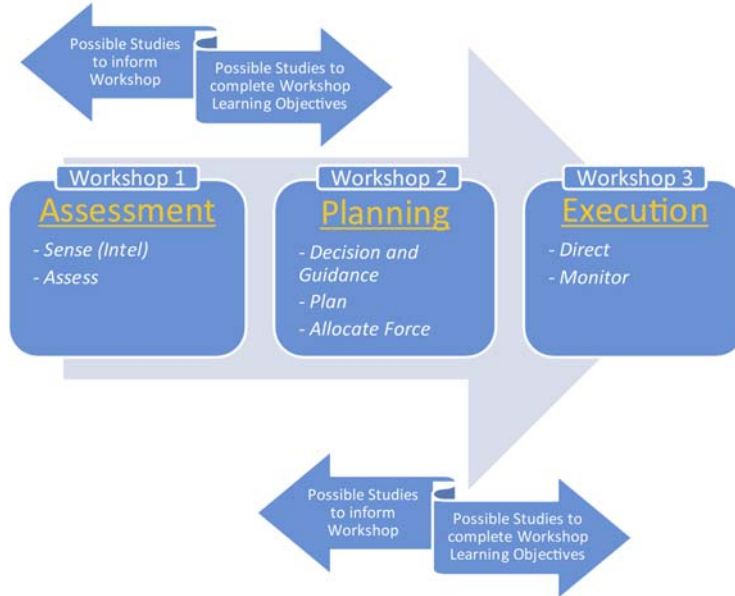






# MOC Maritime Security Workshops

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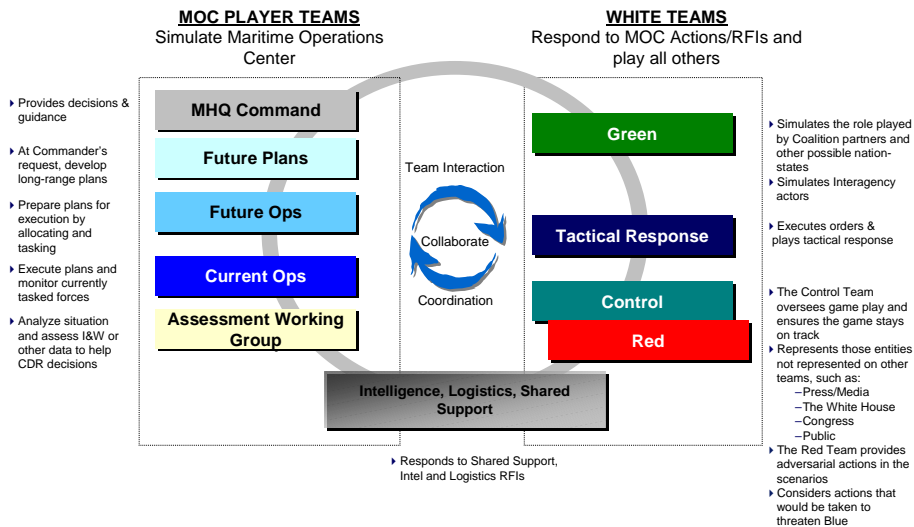


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# MHQ w/ MOC Maritime Security Wargame

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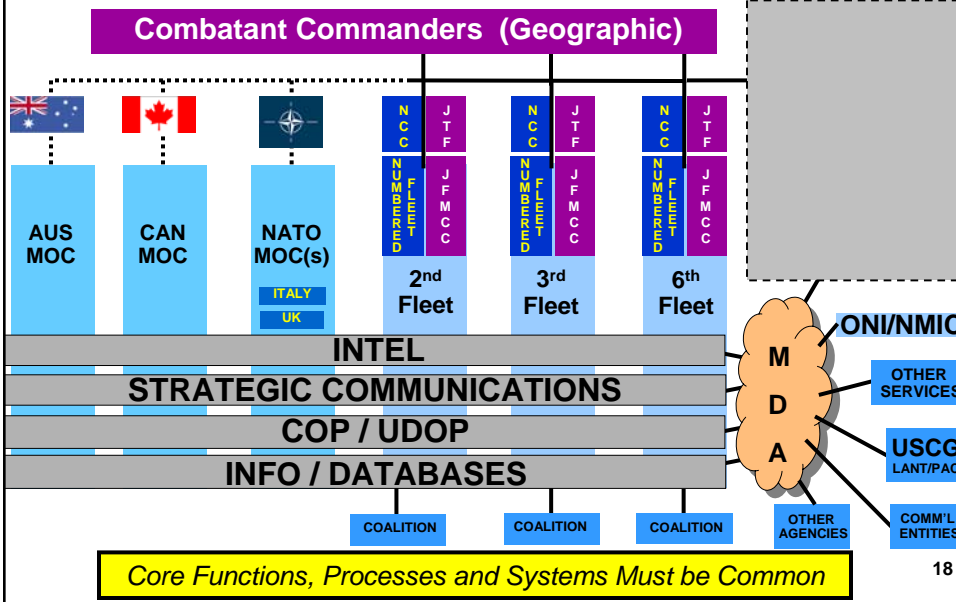
# Lessons Learned

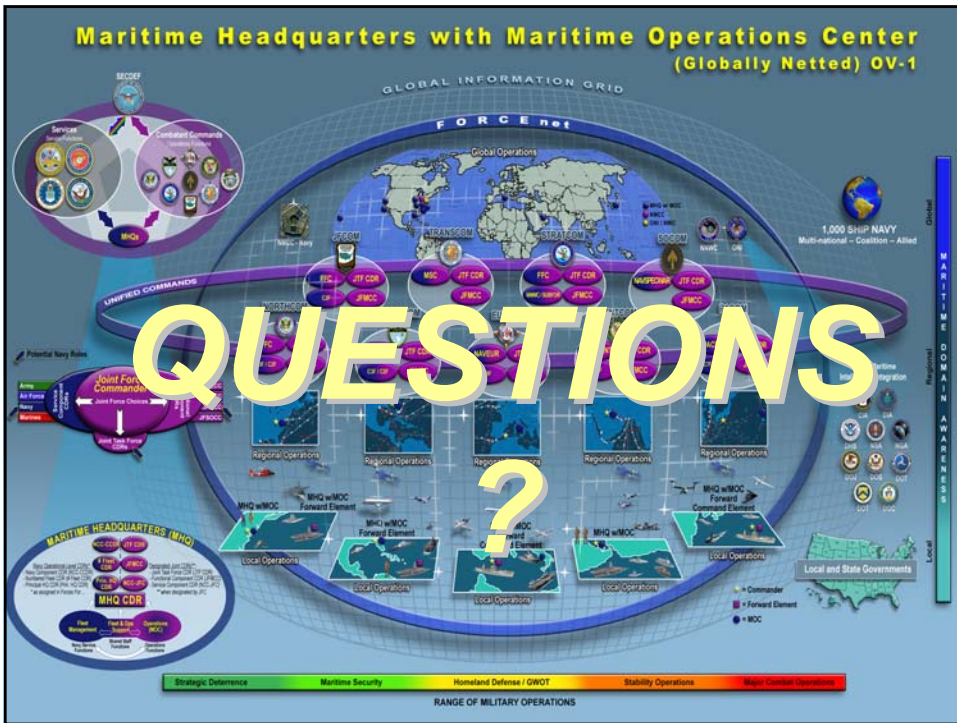
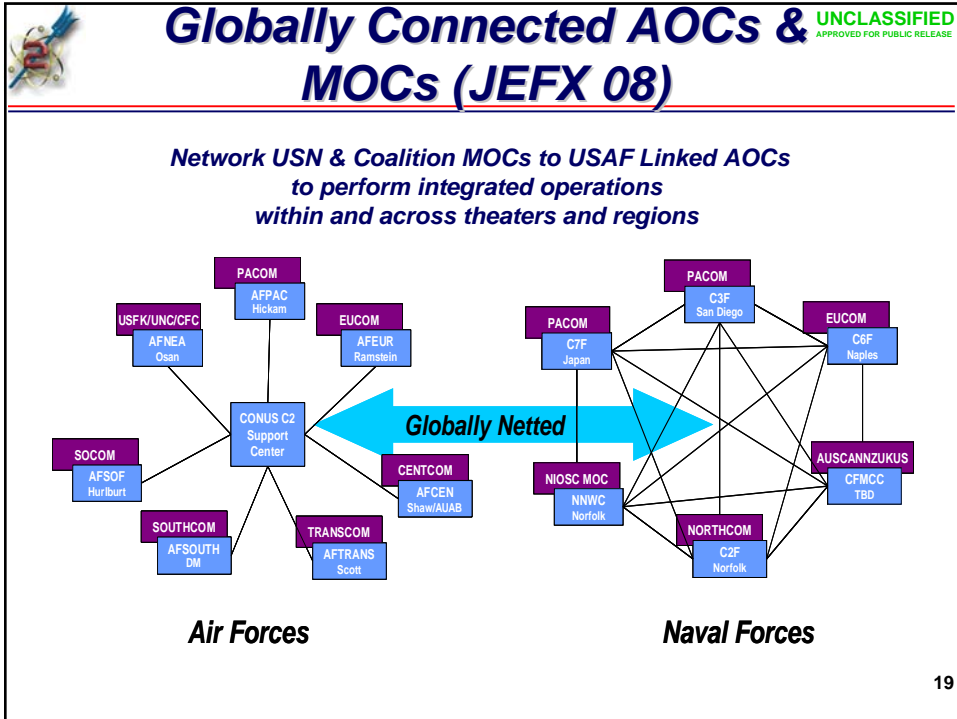
## MHQ w/ MOC EXPERIMENTATION METHODS

- *Allocate adequate time to plan events, and time between events*
- *Use studies to clearly define processes in greater detail prior to designing discovery/experimentation events*
- *Workshops are best for discovery if highly focused*
  - *Assess-Plan-Execute themes delivered some insights but tended to be inconclusive on details*
  - *Broadly scoped workshops do not focus participants enough*
  - *Need appropriate stimulators (scenario and staff deliverables) to drive discovery to decisive conclusions*
- *Nontraditional “Wargames” are useful for operational-level experimentation*
  - *Very effective to identify process gaps for further study*
  - *Controlled environment keeps participants scoped to operational-level issues*
  - *Several isolated teams addressing issues/solutions may be very helpful to sample “solution space”*
- *Studies generate Hypotheses – Experiments feed Analysis*



# Globally Networked MOCs (TW07) Global Maritime Information Highways







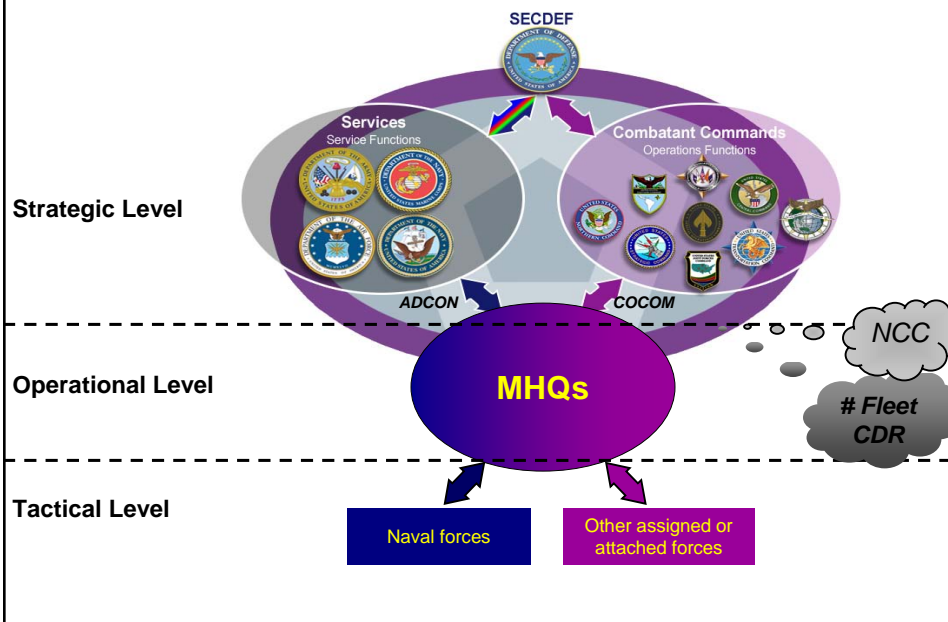
## Future areas of study & experiment ...

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- **Balance of responsibilities at different echelons?** (NCC MHQ, Numbered Fleet MHQ, CTFs, ESFs, etc)
- **Distributed staff concepts** (e.g. MARCOLE series)
- **Scalability and augmentation plans** (e.g. JTFEX)
- **What degree of MOC process & procedure commonality is necessary across theaters?**
- **How do you know that you know enough?** (maritime awareness, allocation of resources, ops assessment)
- **Building human relationships of trust across the "global network"**
- **Process variations across the range of military operations** (Humanitarian assistance, Small-scale contingency, and MCO contexts)

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## Levels of Command



# MHQ WITH MOC: SIMULTANEOUS ROLES

