



NAVY PERSPECTIVE ON MODELING & SIMULATION

DMSO Industry Days '99

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Navy's New Directions

Roadmaps

- **Joint Vision 2010**
- **Forward...From the Sea**
- **Operational Maneuver
From the Sea**

“...carry out swiftly and effectively any naval, joint or coalition mission and to prevail decisively over any foe...”

1997 Forward From the Sea

“The explosion of new technologies has transformed the way militaries conduct warfare. Capabilities available today were not considered possible a mere decade ago.”

1998 DON Posture Statement

Technology Initiatives

- **Network Centric Warfare**
- **Information Technology-21**
- **Navy-Wide Intranet**
- **Fleet Battle Experiments**

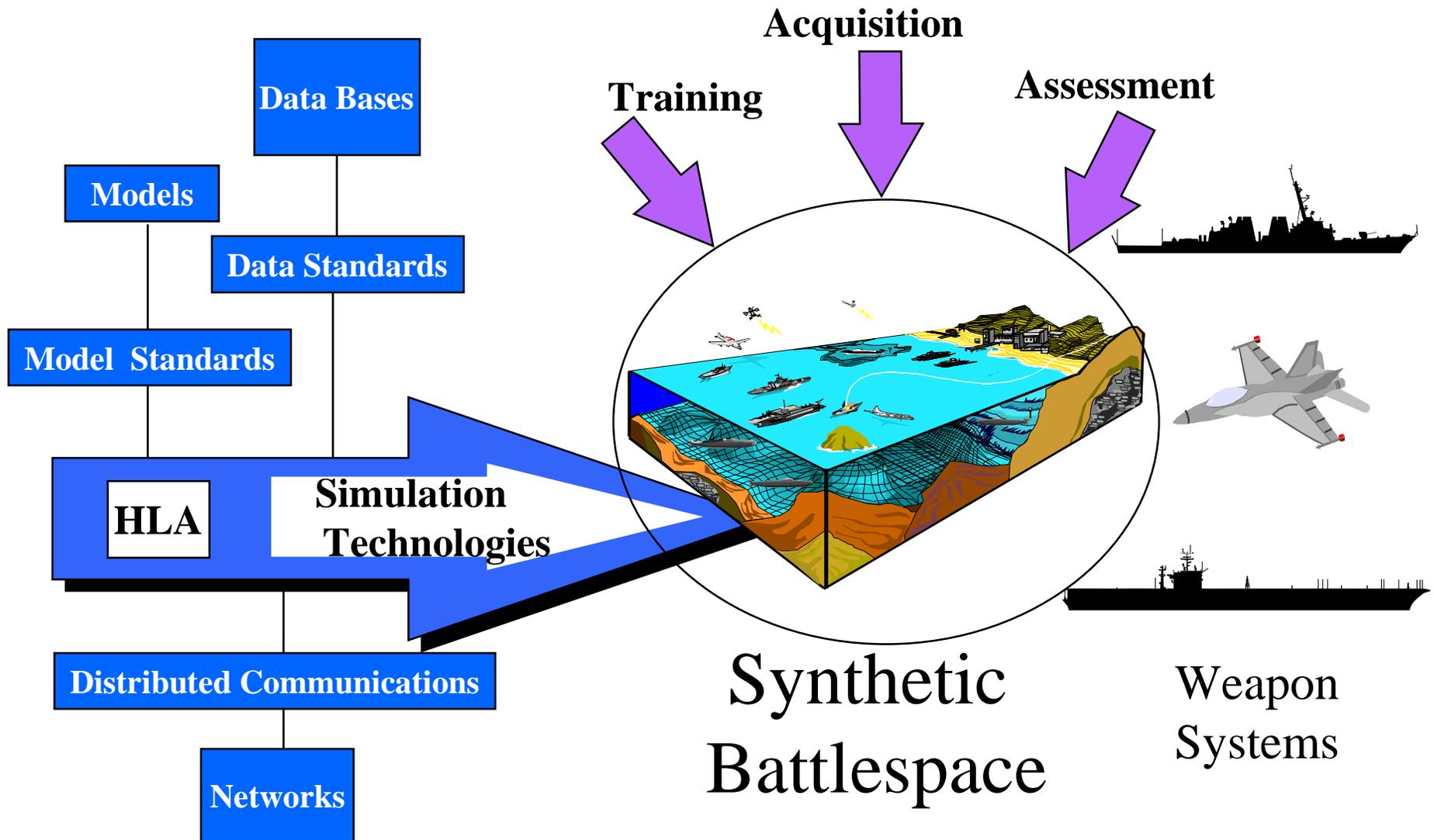
Navy's M&S Vision

- **Support the twenty-first century warfighter to meet current and emerging operational requirements in a timely and efficient manner.**

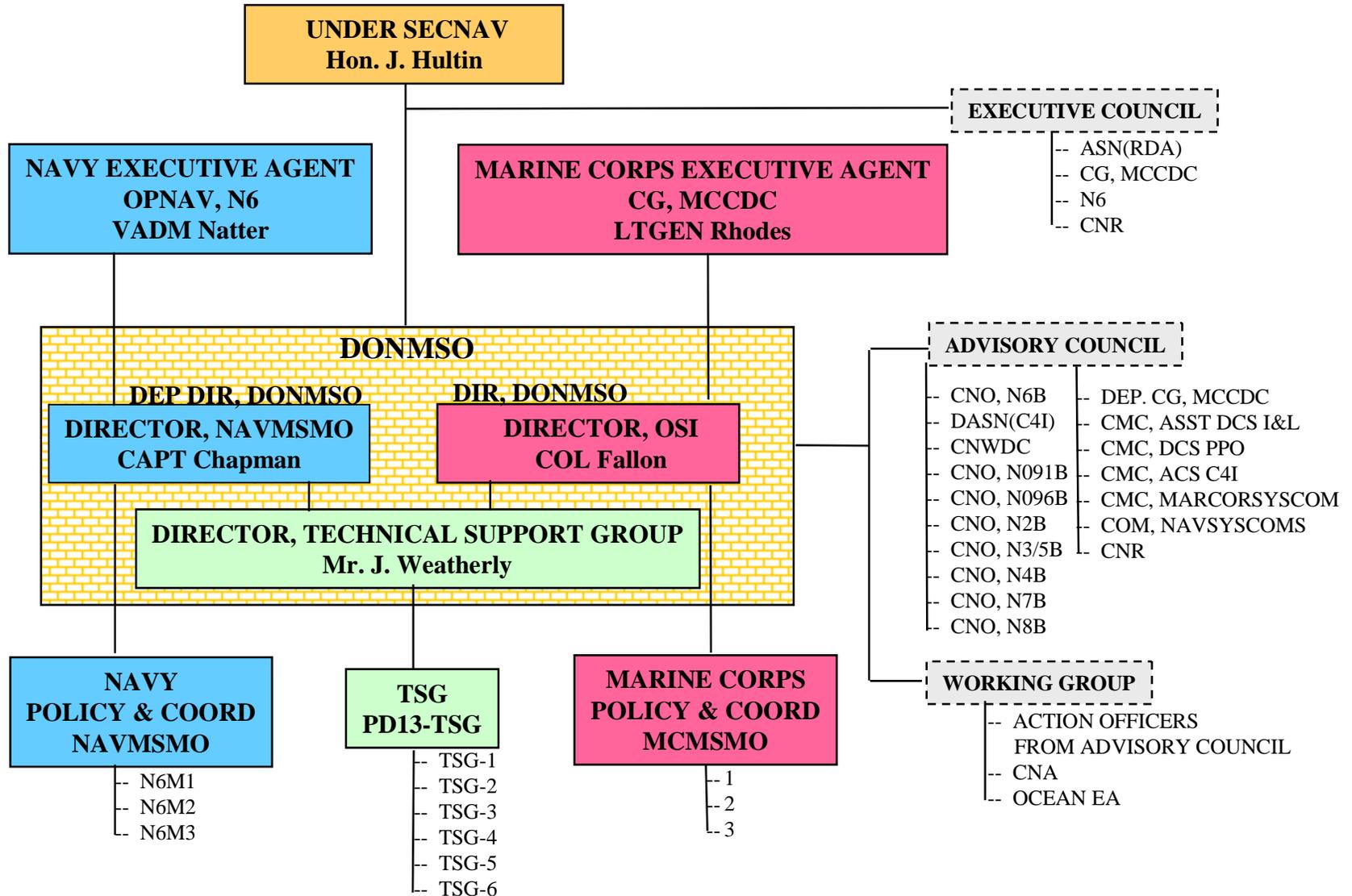


- **Interface to the warfighter's real go-to-war systems so that the view in the simulation world mirrors that of the real world.**

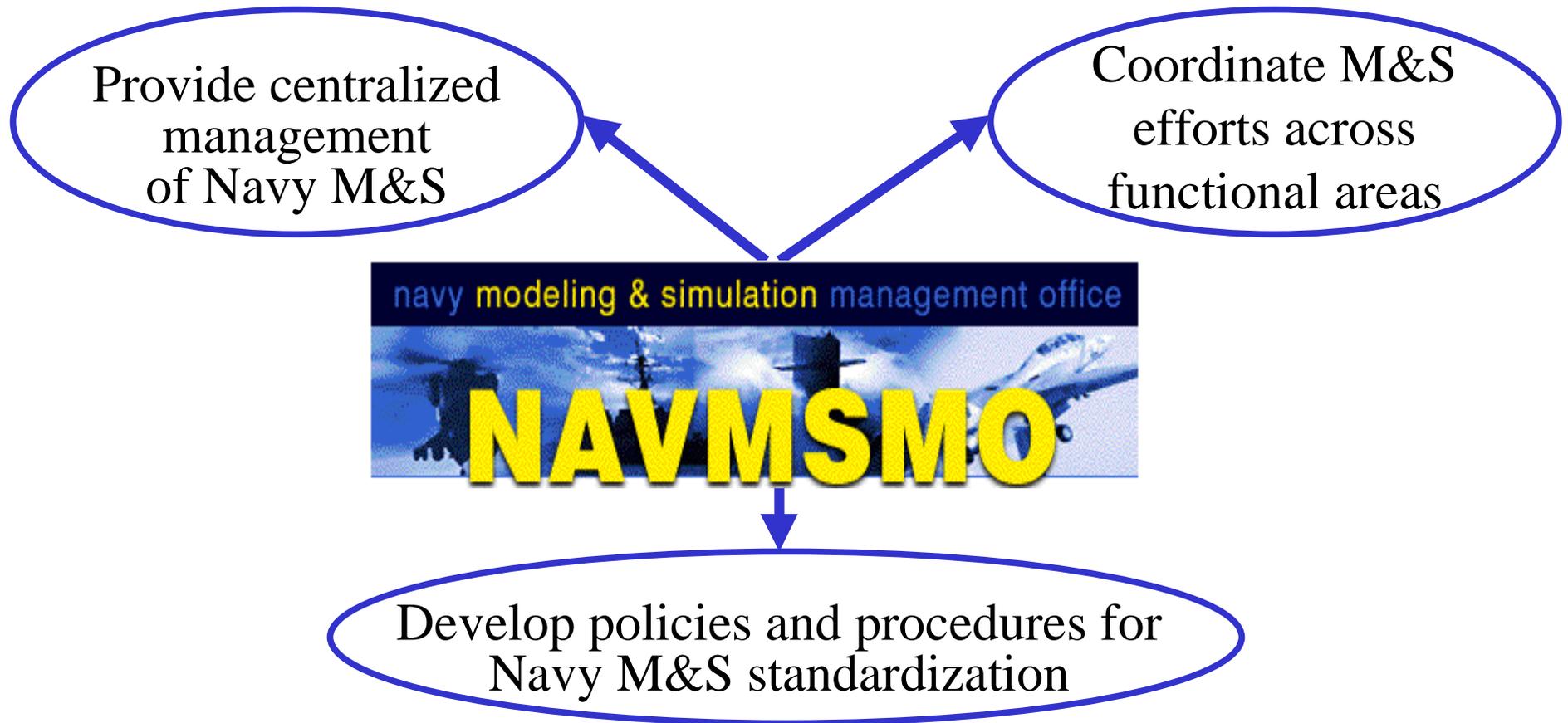
Building the M&S Environment



DON M&S Organization



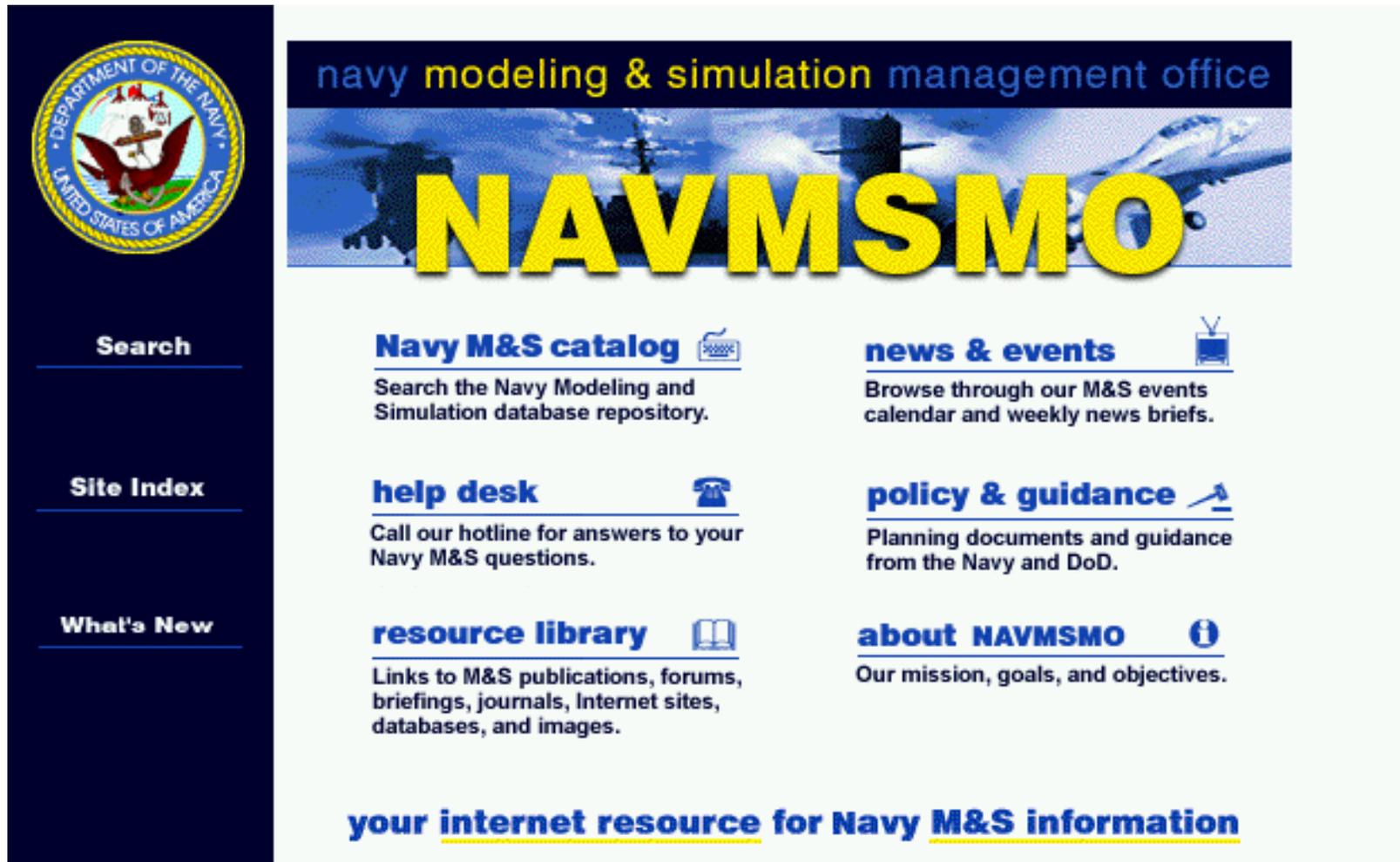
NAVMSMO Role



Break the Stovepipe Management of Corporate Navy M&S

NAVMSMO Home Page

<http://navmsmo.hq.navy.mil/>



The screenshot shows the NAVMSMO home page layout. On the left is a dark blue sidebar with the Department of the Navy seal and three menu items: Search, Site Index, and What's New. The main content area has a header with the text 'navy modeling & simulation management office' and a large 'NAVMSMO' logo over a background image of a ship and an aircraft. Below the header are six service links arranged in a 2x3 grid, each with a title, a small icon, and a brief description. At the bottom, a tagline reads 'your internet resource for Navy M&S information'.



Search

Site Index

What's New

navy modeling & simulation management office

NAVMSMO

Navy M&S catalog 
Search the Navy Modeling and Simulation database repository.

news & events 
Browse through our M&S events calendar and weekly news briefs.

help desk 
Call our hotline for answers to your Navy M&S questions.

policy & guidance 
Planning documents and guidance from the Navy and DoD.

resource library 
Links to M&S publications, forums, briefings, journals, Internet sites, databases, and images.

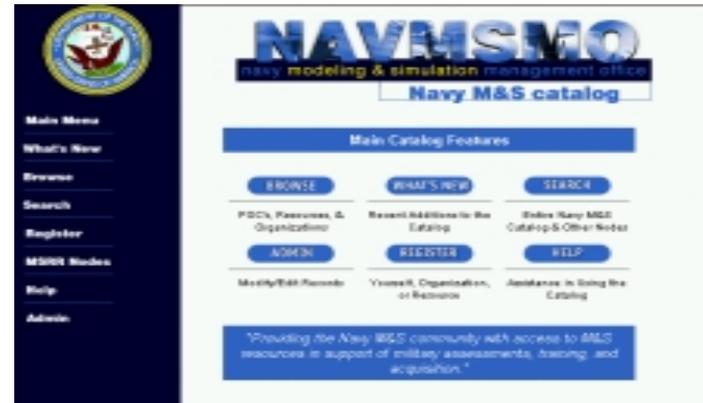
about NAVMSMO 
Our mission, goals, and objectives.

your internet resource for Navy M&S information

NMSIS

Navy Modeling and Simulation Information System

- The Navy MSRR - Modeling and Simulation Resource Repository
- Provides a centralized, single point of contact for the Navy M&S community
 - users
 - managers
 - workgroups
 - developers
- Fosters the reusability and interoperability of Navy M&S



See NMSIS On Display Today

VV&A

- SECNAV Instruction 5200.40 for VV&A signed 19 April 1999

**Ensure Accurate Representations of
Naval Systems and the Natural Environment**

NAVMSMO Current Interests

- Return on Investment (ROI): M&S support to the fleet
- Authoritative representation of the ocean environment and of Navy systems
- Y2K compatibility
- HLA compatibility
- VV&A
- M&S standards and federations
- Interoperability



Summary

- Are we making M&S relevant to the Fleet?
- What policies would help industry advance M&S development?
- Challenges to my office:
 - Does M&S provide a measurable ROI?
 - Is M&S overly resourced?
- Industry can help!

