Office of Global Maritime Situational Awareness

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Office of Global Maritime Situational Awareness

A National Coordination Office

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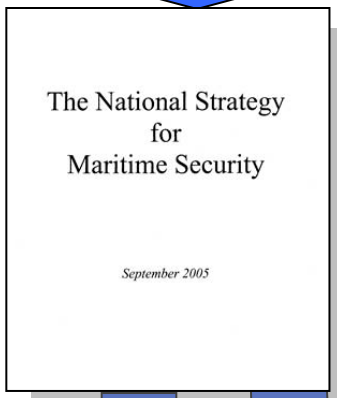
Standard Form 298 (Rev. 8-98)
Prescribed by ANSI Std Z39-18

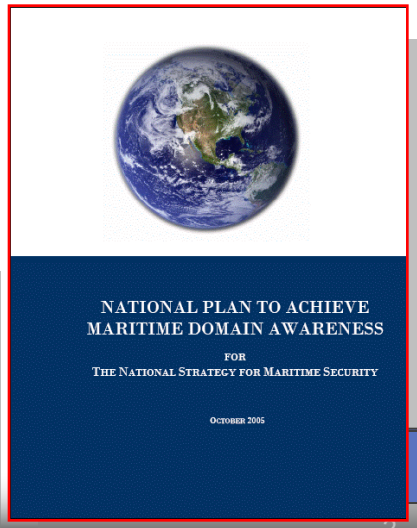
Policy Evolution…

National Security Directive 41 / Homeland Security Presidential Directive 13, Dec. 2004.

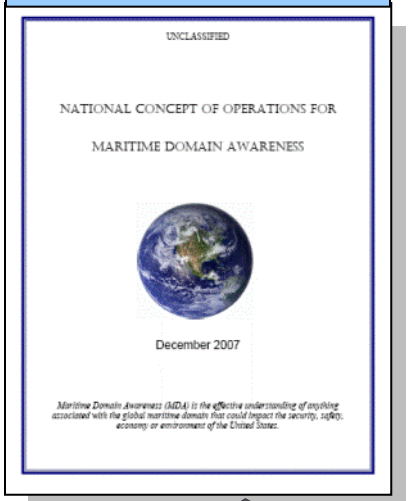


The National Strategy for Maritime Security, Sept. 2005.

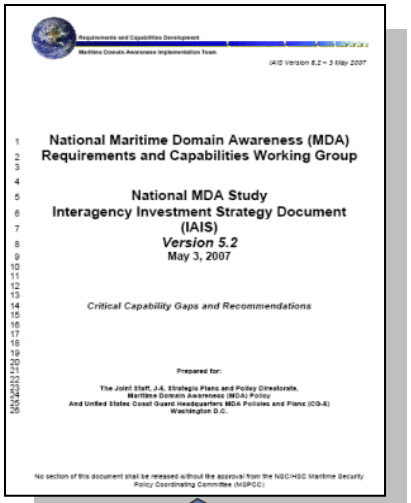
The National Plan to Achieve MDA, Oct. 2005.



National Concept of Operations for MDA, Aug. 2007.



Interagency Investment Strategy, May 2007.

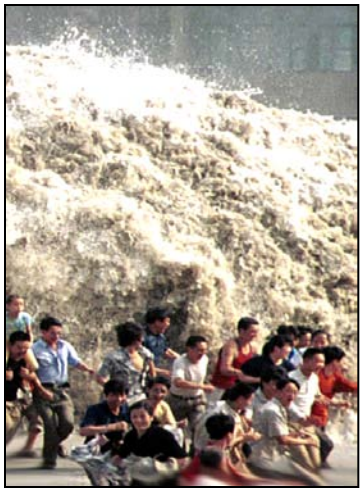


Who is OGMSA ?

A multi-agency office responsible for effective access to maritime information and data critical to building maritime awareness

Vision: Global maritime information exchange to improve decision making

Why Maritime Information Sharing ?



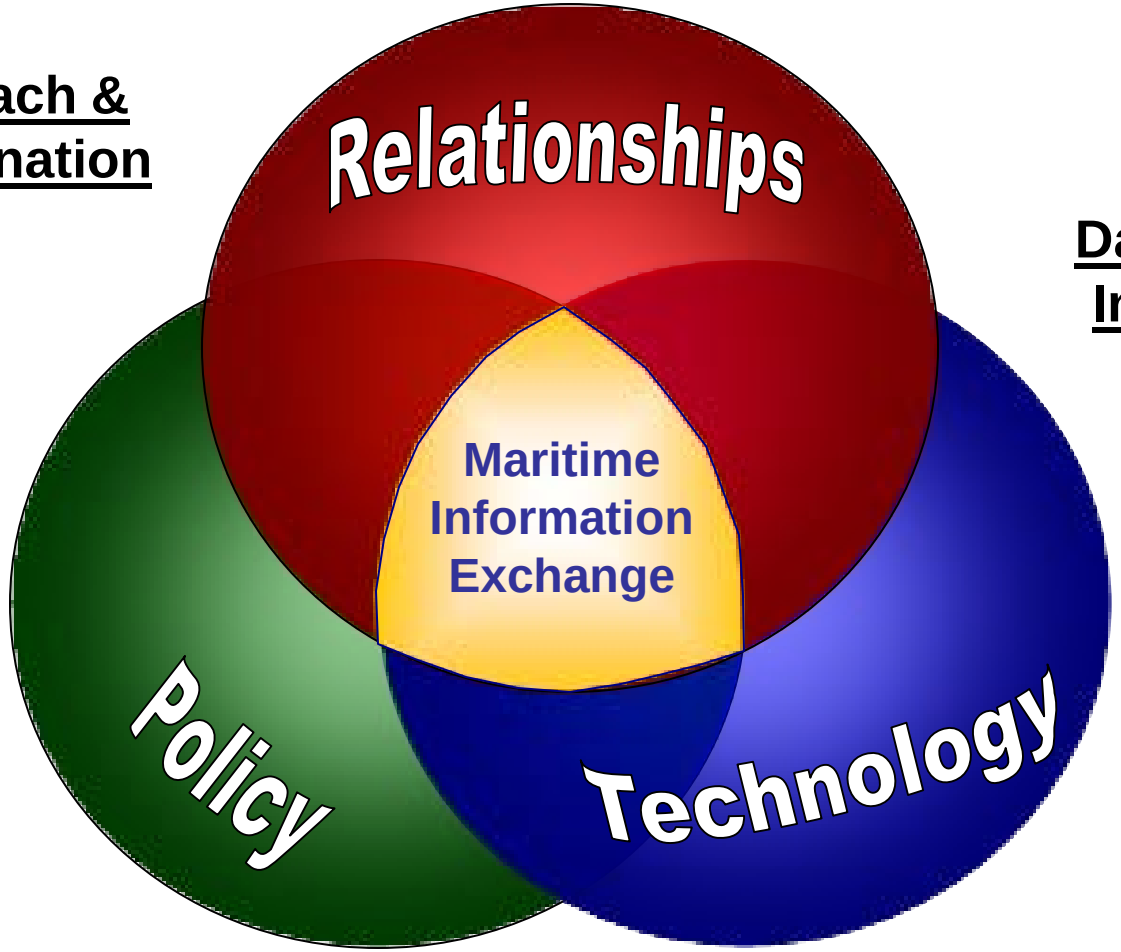
Do you have the information you need to do your job effectively?

Forge a culture of collaboration

How ?

Outreach & Coordination

Data Sharing & Infrastructure



Plans & Policy

Three-pronged Approach

Current Initiatives Involving GMSA

Technology | **Policy** | **Relationships**

- Maritime Security Inter-Agency Policy Committee
- MDA Executive Steering Committee
- MDA Stakeholders Board
- Inter-Agency Investment Strategy
- Marine Spatial Planning

- Information Sharing Hubs (Vessel Cargo/People/Infrastructure)
- Architecture Management Hub
- Single Web Portal to MDA Information
- Information Sharing Dispute Resolution

- Maritime Safety and Security Information System
- IALA.NET
- Space Based AIS

- Global Maritime Information Sharing Symposium
- Global Maritime Partnership
- MDA Web Presence

Interagency Policy Coordination

President of the United States

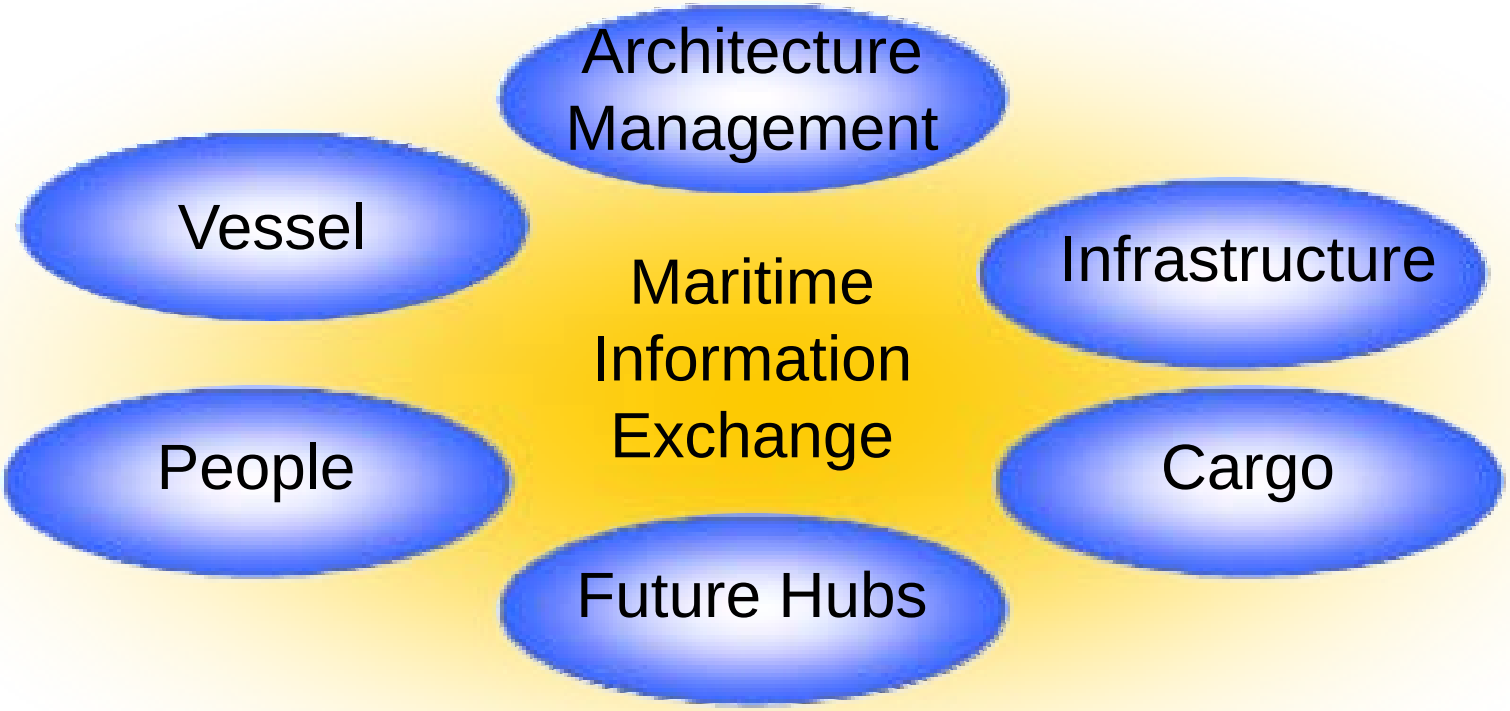
National Security Council

Maritime Security Interagency Policy Committee

Office of Global Maritime Situational Awareness

U.S. Maritime Domain Awareness Stakeholders Board

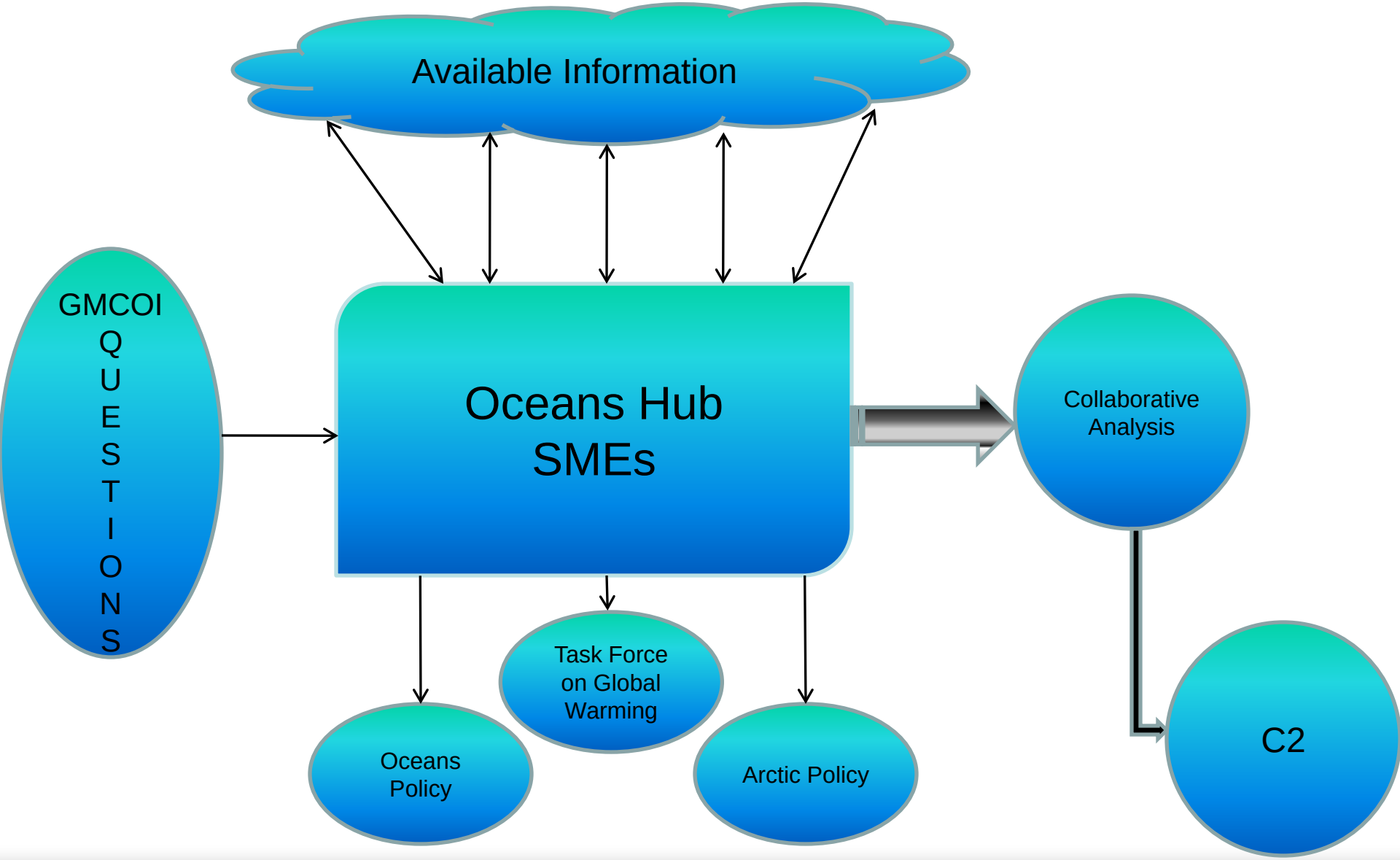
Increasing & Coordinating Data Sharing



*… coordinate information flow for subject areas domestically and internationally and facilitate information and data sharing.**

** US National Concept of Operations for Maritime Domain Awareness*

Oceans Hub Concept



Maritime Safety & Security Information System

A non-classified, multi-lateral, freely shared data network exchanging AIS data between participating governments. Data is:

- Shared in original form, unaltered
- Distributed in near real-time
- Contributed by a Nation to obtain a more global picture
- Protected by commercially accepted Internet standards.

Now establishing an International Governance Board to include global Regional Representatives.

A tool for building trust among nations.

IALA's "Network of Networks"

IALA
Global Maritime Data Sharing Committee

In advisory role to and between each regional AIS data exchange network providing guidelines and protocols for their inter-connection

AIS, Radar, VTS, E-Navigation, Notice to Mariners …

"AIS Live" UK	**"MSSIS" US/NATO**	**"EMSA" EU**	**"HELCOM" Denmark**	**"ReMix" Singapore**	**"MSA" China**

Examples of Existing Regional Data Sharing Networks

$100,000+ per day (CAPEX+OPEX)
138,000 cbm of Liquefied Natural Gas
= approx 3 million BTU of energy
Average Speed of 19 knots
Cargo Delivery Window = Sept 05-07 in Boston
Cargo remains Unsold & Market Prices are falling
(where $.01 in price = $30,000 change in revenue)
Please hold while we:
Ask for more information
Form a convoy
Decide the Policy
Connect your call…

GLOBAL MARITIME INFORMATION SHARING SYMPOSIUM 2010

July 2010 – Dates TBD
NATIONAL DEFENSE UNIVERSITY
FORT LESLEY J. MCNAIR
WASHINGTON, D.C.

Ensuring industry perspectives in maritime policy.

U.S. Navy photo

OFFICE OF GLOBAL MARITIME SITUATIONAL AWARENESS

www.gmsa.gov/gmiss

Who Benefits from Info Sharing ?

Greater information sharing across: Weather data, Stock Exchanges, Cash Machines, Cellular, GPS, Air Traffic each resulted in:

- **Exponentially greater benefits than originally envisioned.**
- **Greater security through global standards.**
- **Greater awareness & recognition between friend and foe.**

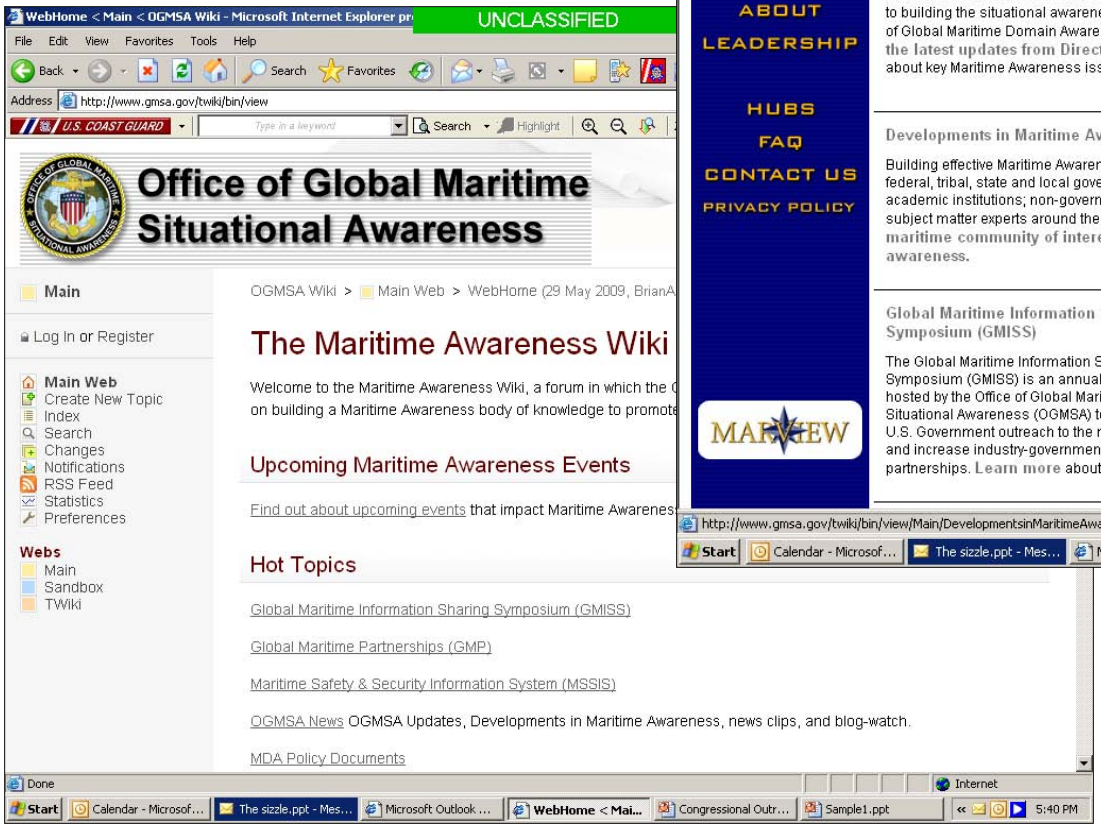
So why not in the maritime world ?

Maritime Safety: Broader, more cooperative & efficient search & rescue.

Environmental Protection: Replay of vessels transits = focused enforcement.

Commercial Efficiency: Reduced fuel usage, carbon emissions, delay costs and improved port through-puts.

Mutual Beneficial Awareness…

For More Information

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