

Global Maritime Awareness

Office of Global Maritime Situational Awareness

Capt. George E McCarthy, USN

October 27th 2009



Office of Global Maritime Situational Awareness

A National Coordination Office

Report Documentation Page				Form Approved OMB No. 0704-0188	
Public reporting burden for the collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to a penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.					
1. REPORT DATE 27 OCT 2009		2. REPORT TYPE		3. DATES COVERED 00-00-2009 to 00-00-2009	
4. TITLE AND SUBTITLE Office of Global Maritime Situational Awareness				5a. CONTRACT NUMBER	
				5b. GRANT NUMBER	
				5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S)				5d. PROJECT NUMBER	
				5e. TASK NUMBER	
				5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) National Maritime Domain Awareness Coordination Office, Office of Global Maritime Situational Awareness, Washington, DC, 20593-0001				8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)				10. SPONSOR/MONITOR'S ACRONYM(S)	
				11. SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION/AVAILABILITY STATEMENT Approved for public release; distribution unlimited					
13. SUPPLEMENTARY NOTES Maritime Domain Awareness and Counter Piracy, 26-29 October 2009, Ottawa, Canada					
14. ABSTRACT					
15. SUBJECT TERMS					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT Same as Report (SAR)	18. NUMBER OF PAGES 16	19a. NAME OF RESPONSIBLE PERSON
a. REPORT unclassified	b. ABSTRACT unclassified	c. THIS PAGE unclassified			



Policy Evolution...



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

The National Strategy
for
Maritime Security

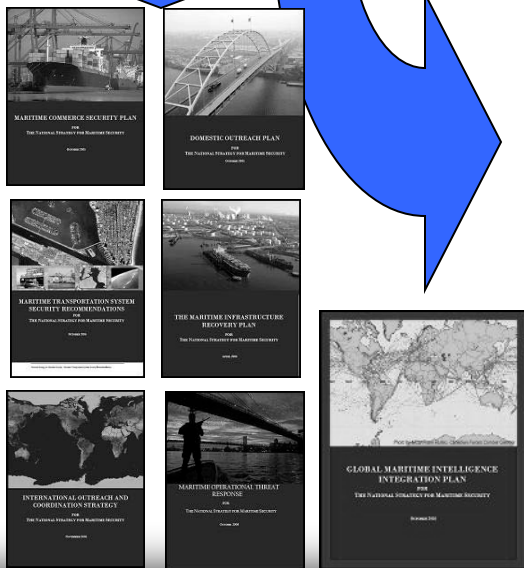
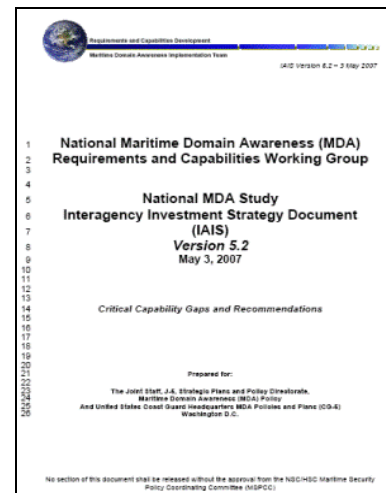
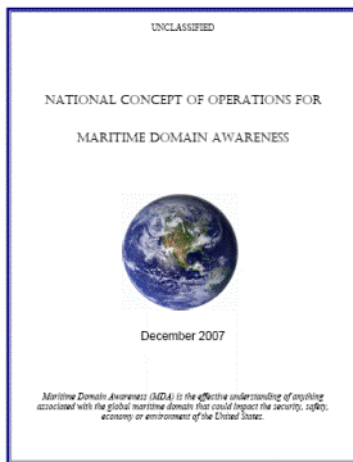
September 2005

The National
Strategy for
Maritime Security,
Sept. 2005.

National Concept of
Operations for MDA,
Aug. 2007.

Interagency
Investment Strategy,
May 2007.

The National Plan
to Achieve MDA,
Oct. 2005.



NATIONAL PLAN TO ACHIEVE
MARITIME DOMAIN AWARENESS
FOR
THE NATIONAL STRATEGY FOR MARITIME SECURITY

OCTOBER 2005



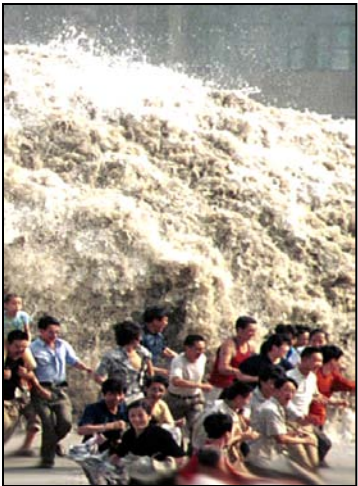
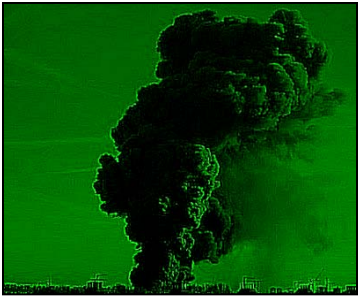
Who is OGMSA ?

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

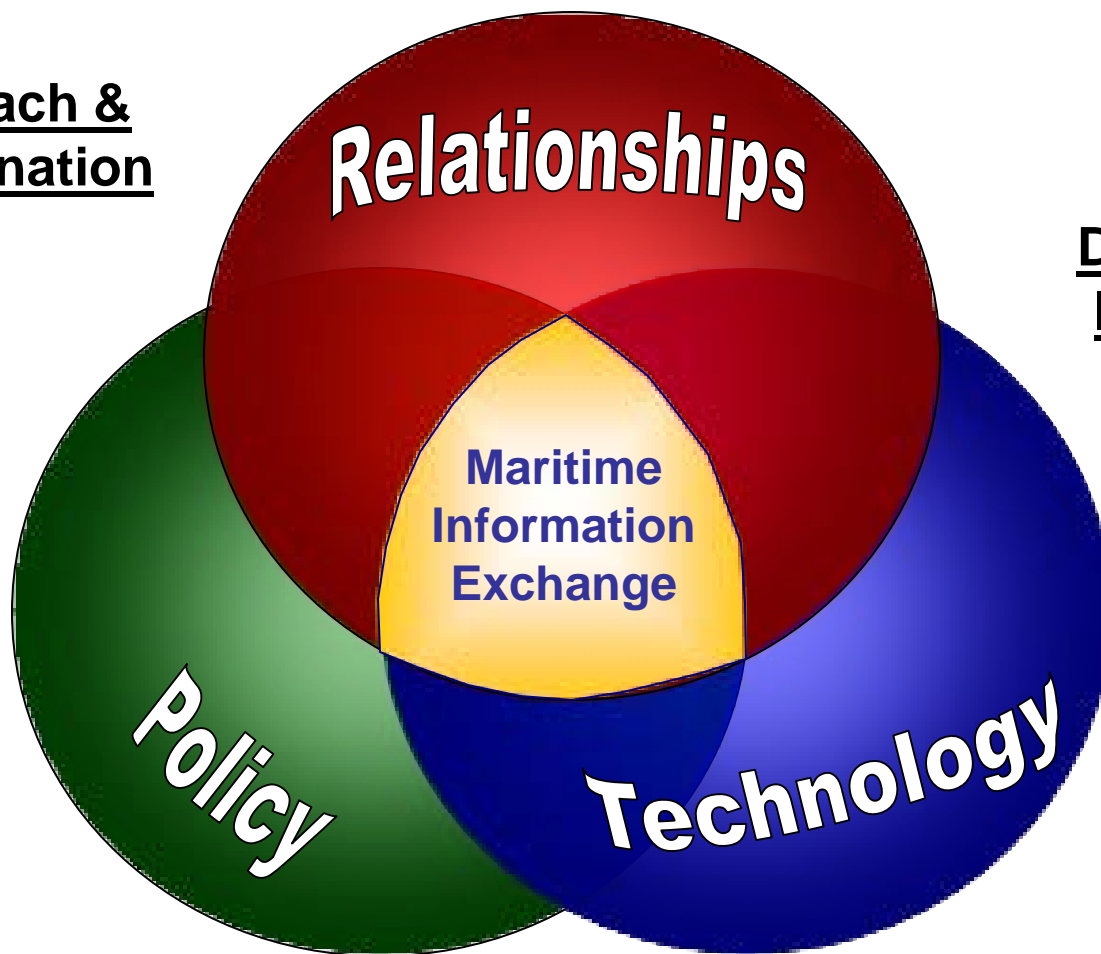


How ?

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

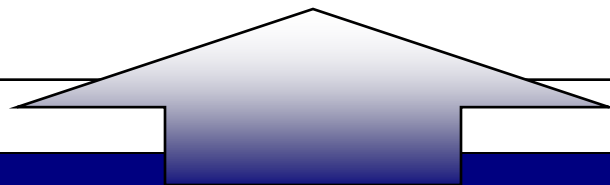
- Global Maritime Information Sharing Symposium
- Global Maritime Partnership
- MDA Web Presence



Interagency Policy Coordination

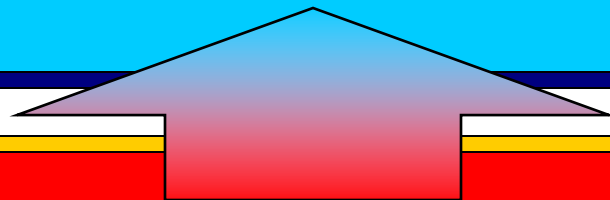


President of the United States



National Security Council

Maritime Security Interagency Policy Committee

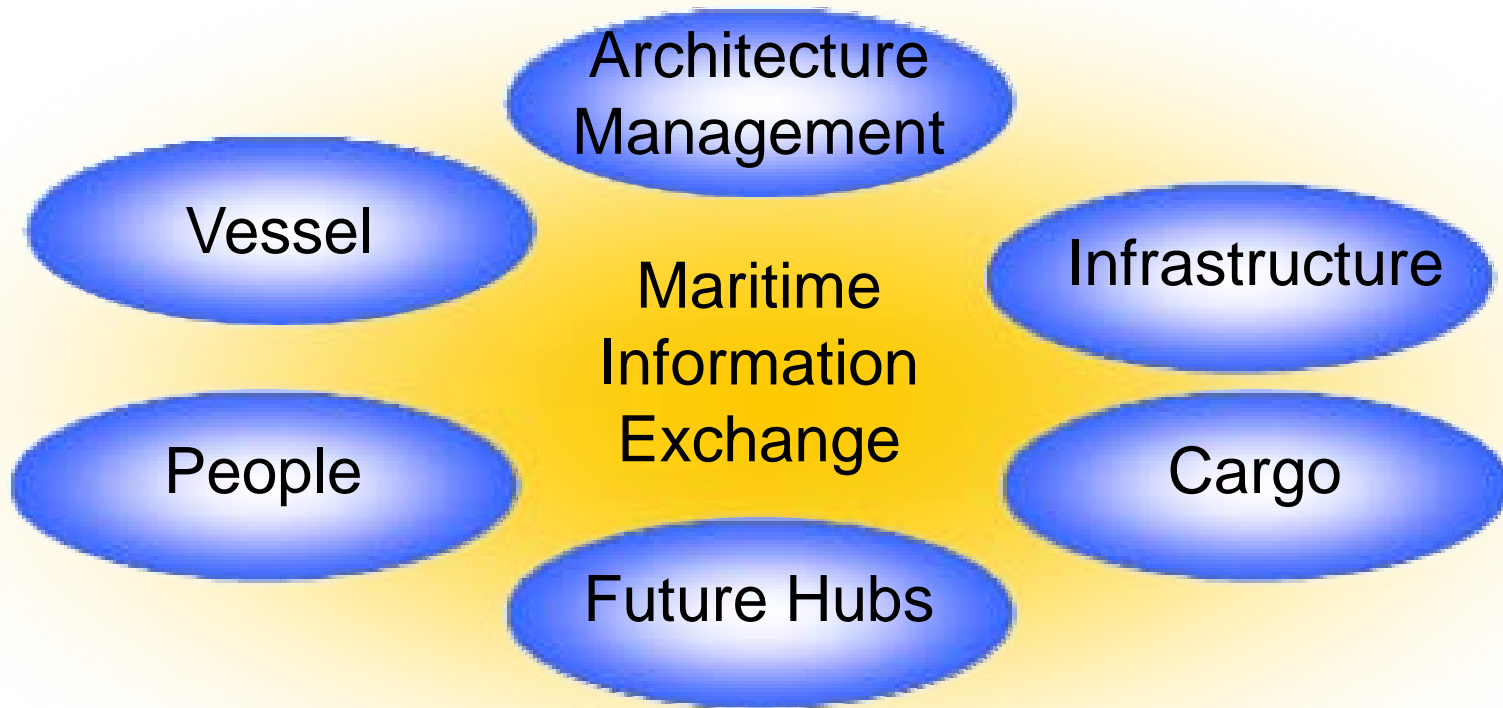


Office of Global Maritime Situational Awareness

U.S. Maritime Domain Awareness Stakeholders Board



Increasing & Coordinating Data Sharing

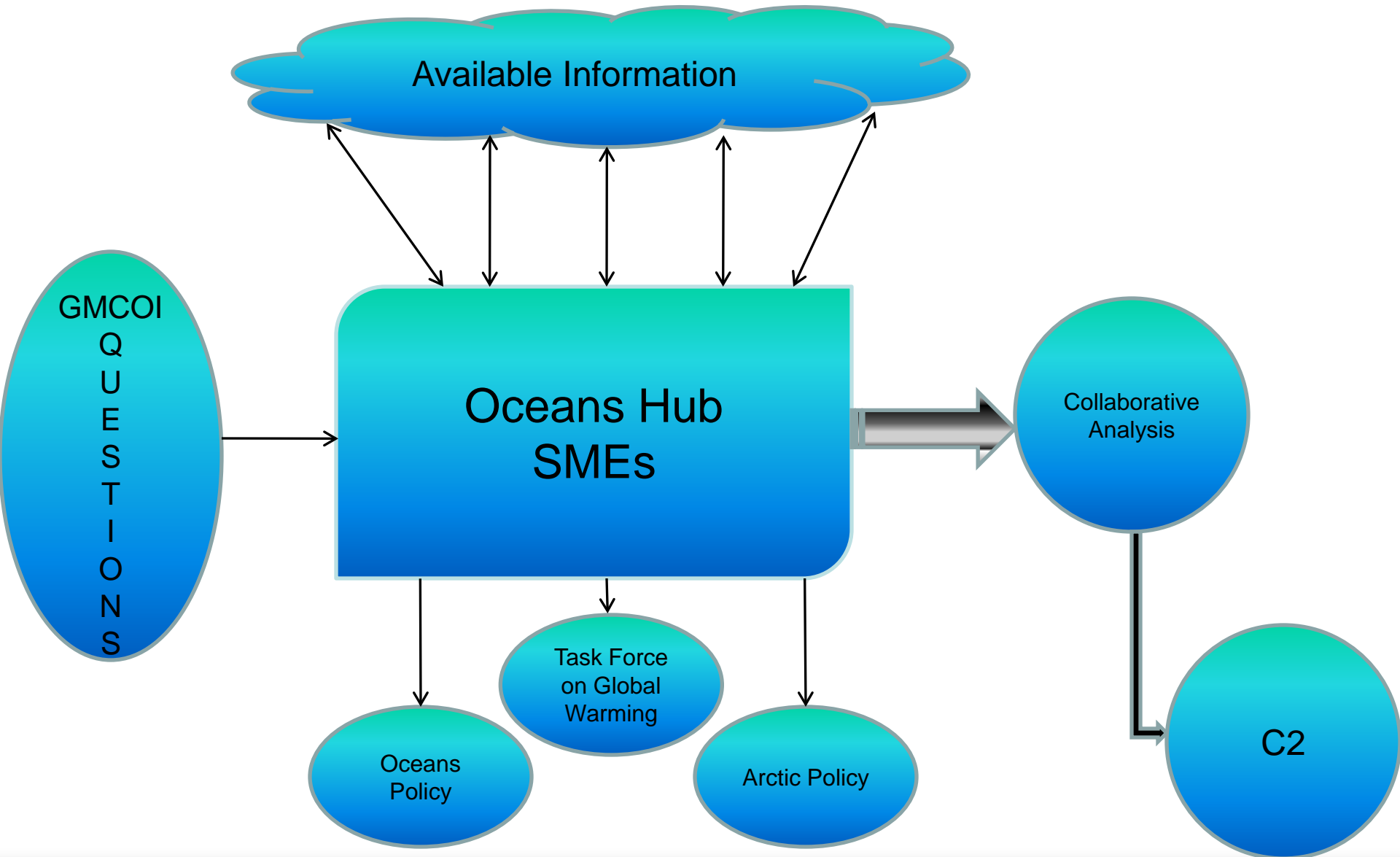


*... coordinate information flow for subject areas domestically and internationally and facilitate information and data sharing.**

** 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

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

www.gmsa.gov

Office of Global Maritime Situational Awareness (OGMSA) - Micro: UNCLASSIFIED U.S. Coast Guard

File Edit View Favorites Tools Help

Address <http://www.gmsa.gov/>

U.S. COAST GUARD Type in a keyword Search Highlight Zip Code: ELEVATED Tools

OFFICE OF GLOBAL MARITIME SITUATIONAL AWARENESS

HOME
ABOUT
LEADERSHIP

HUBS
FAQ
CONTACT US
PRIVACY POLICY

From the Director

Director OGMSA is responsible for effective access to maritime information and data critical to building the situational awareness component of Global Maritime Domain Awareness. Read the latest updates from Director GMSA about key Maritime Awareness issues.

GMSA Update

OGMSA provides coordination and guidance to align, integrate and synchronize the efforts of the global maritime community of interest to ensure access to maritime information and data critical to building the situational awareness component of global Maritime Domain Awareness. Find out what OGMSA is doing to achieve maritime awareness.

Developments in Maritime Awareness

Building effective Maritime Awareness depends on the efforts of federal, tribal, state and local government agencies; industry; academic institutions; non-governmental agencies; and other subject matter experts around the world. Find out how the maritime community of interest is building maritime awareness.

Maritime Awareness Wiki

The Maritime Awareness Wiki is a forum in which the Global Maritime Community of Interest can collaborate on building a Maritime Awareness body of knowledge to promote common understanding and share best practices. Keep up with this developing body of knowledge.

Global Maritime Information Sharing Symposium (GMISS)

The Global Maritime Information Sharing Symposium (GMISS) is an annual event hosted by the Office of Global Maritime Situational Awareness (OGMSA) to align U.S. Government outreach to the maritime industry and improve and increase industry-government maritime information sharing partnerships. Learn more about how to benefit from GMISS.

Transforming Interagency Information Sharing Workshop

Transforming Interagency Information Sharing is a workshop for members of the U.S. Government Maritime Community of Interest – those of us who monitor, collect, fuse, analyze, disseminate, archive, or maintain maritime information to accomplish our missions. Through this workshop and accompanying Wiki, we are working together to transform the policies that stand in the way of effective and efficient maritime information sharing. Get involved in transforming government.

OGMSA Wiki > Main Web > WebHome (29 May 2009, Brian A)

The Maritime Awareness Wiki

Welcome to the Maritime Awareness Wiki, a forum in which the Global Maritime Community of Interest can collaborate on building a Maritime Awareness body of knowledge to promote common understanding and share best practices. Keep up with this developing body of knowledge.

Upcoming Maritime Awareness Events

[Find out about upcoming events](#) that impact Maritime Awareness.

Hot Topics

[Global Maritime Information Sharing Symposium \(GMISS\)](#)

[Global Maritime Partnerships \(GMP\)](#)

[Maritime Safety & Security Information System \(MSSIS\)](#)

[OGMSA News](#) OGMSA Updates, Developments in Maritime Awareness, news clips, and blog-watch.

[MDA Policy Documents](#)

Start | **Calendar - Microsoft...** | **The sizzle.ppt - Mes...** | **Microsoft Outlook ...** | **Office of Global Mar...** | **Congressional Outr...** | **Sample1.ppt**

Done

Start | **Calendar - Microsoft...** | **The sizzle.ppt - Mes...** | **Microsoft Outlook ...** | **WebHome < Mal...** | **Congressional Outr...** | **Sample1.ppt**