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Advancing Maritime Partnerships

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Briefing to **Maritime Security East Conference**
Galveston, Texas
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The Overall Classification of this Brief is: **UNCLASSIFIED**

"Integrate the Maritime Community, Understand the Domain, Help Protect the Nation"

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Briefing Objectives

- **Provide you with an understanding of NMIO**

- **Highlight two recent examples of the policy and strategy implications of NMIO's work**

- **Introduce six initiatives where we might be able to partner with you**

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Why Office of the Director of National Intelligence Exists

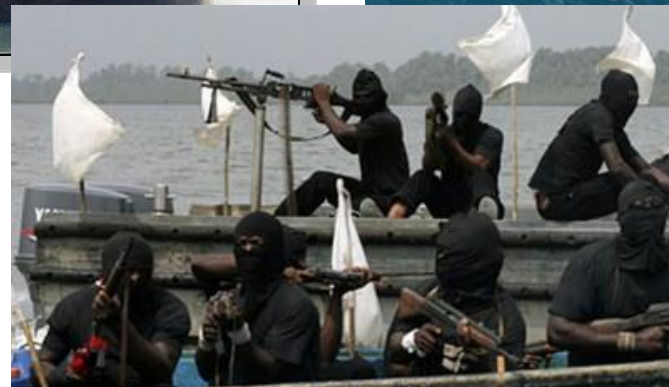# Why National Maritime Intelligence-Integration Office Exists

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NMIO's Mission

- Advance maritime intelligence integration, info. sharing, and domain awareness

- Enable decision advantage to protect the United States, its allies, and international partners against threats in or emanating from the global maritime domain

- Build unity of effort

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National Intelligence Integrator

Director of National Intelligence 2012 Guidance to NMIO:

- **Develop the Global Maritime Community of Interest (GMCOI)**

- **Improve Information/Intelligence Sharing**

- **Advocate GMCOI Collection and Analytic Priorities**

- **Integrate Science and Technology**

NMIO is an important facet of the ODNI's efforts to foster national intelligence integration.

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Wide-ranging Threats and Illegal Activities

- **Asymmetric**
— Terrorism, cyber-attack, WMD proliferation, anti ship ballistic missiles…

- **Criminal / Illegal**
— Piracy, drugs, human trafficking, mass migration, smuggling, marine exploitation…

- **Environmental Destruction**
— Toxic waste, dumping, overfishing…

Documents seized from Osama bin Laden's compound revealed continued interest in targeting maritime industry as a method to provoke "extreme economic crisis" in the west.
UK Guardian 20May2011

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New U.S. Maritime Advisory System

Policy Support: NSC Maritime Security

**Global MOTR
Coordination Center**
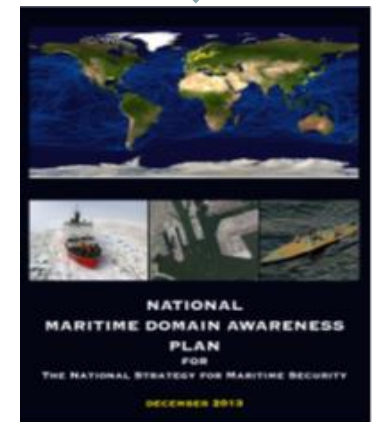
Presidential Directive
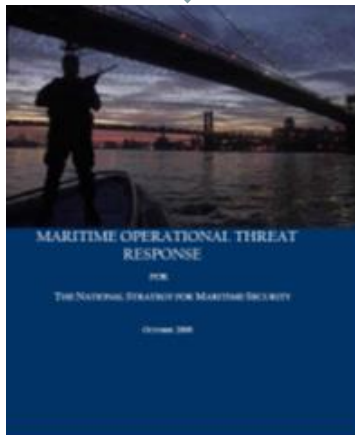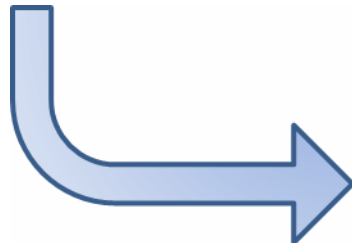
National Strategy

**Communications
Core Group**
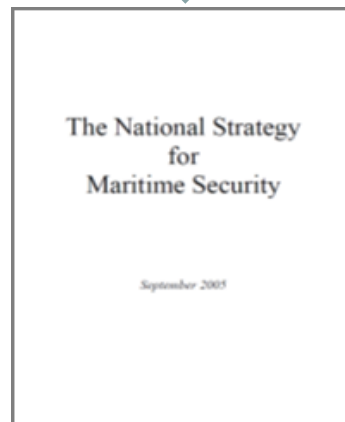
**Maritime Security
Working Group**

**National Maritime
Interagency Advisory
Group**

**2HR Alerts
Interagency Advisories**

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Combating IUU Fishing & Dark Vessels
Policy Support: National Ocean Council

DNI Strategic Guidance

National Strategy

National Priorities
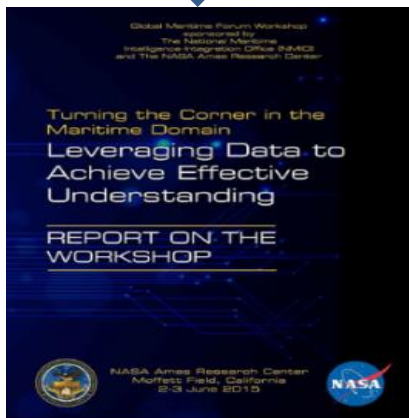
Global Data Challenge
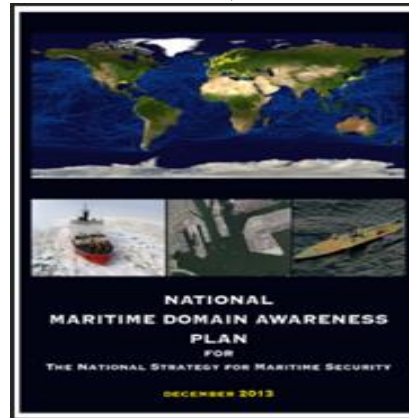
Small, Dark Vessel Challenges

IUU Fishing Action Plan Recommendations

Open Ocean Fishing Behavior Algorithm Development

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NMIO: We're Here to Help

<u>You</u>: Relate Your Strengths and Needs

- Tell us about your successes and innovations
- Also, your challenges and critical gaps

<u>NMIO</u>: Share Innovative Solutions

- Leverage our position to share innovative solutions to common problems

<u>Together</u>: Build New Capability

- By breaking down walls and unlocking data
- By leveraging partnerships with community innovators
- Teaming with you to build what you need!

Sharing Solutions: MDA Registry

What is the MDA Registry?

- Internet-accessible web service created to improve awareness of MDA tools, information products, and data services.

Impact for Maritime Community

- A single source to share and compare innovative solutions to common maritime problems.

- Helps you gain access to the tools.

- Users can **leverage** the information in the registry **and share** info about their own capabilities

- *Classified version is coming.*

MDA Registry Functional Categories:
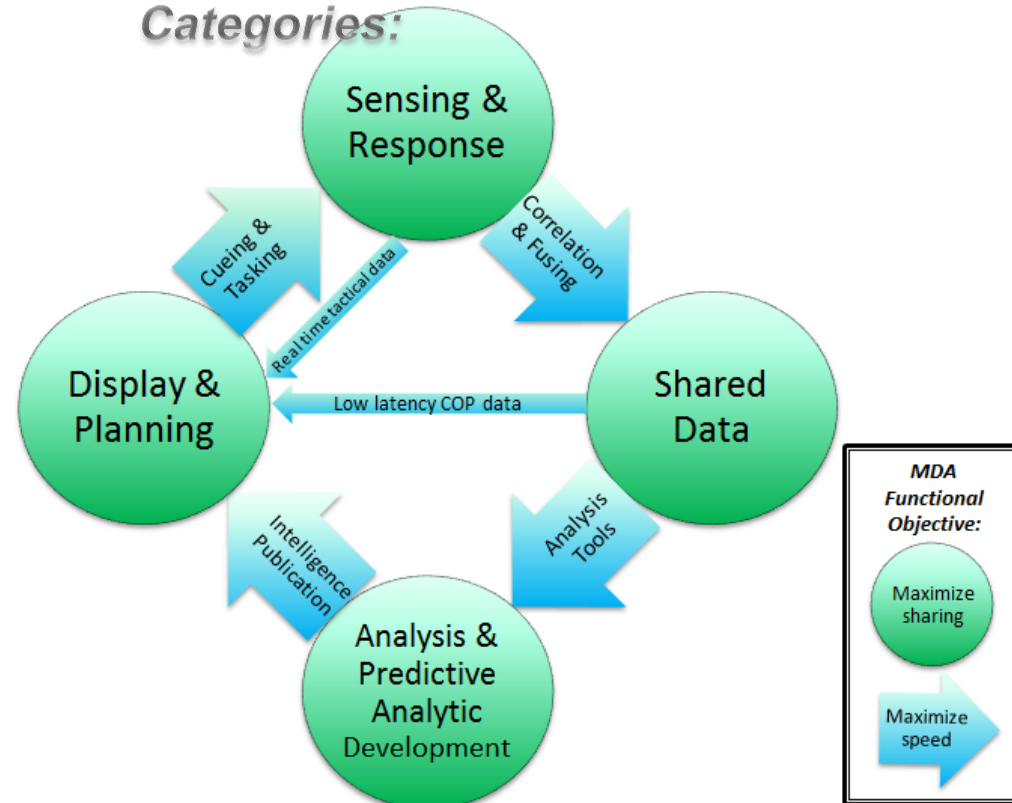
New Capability: Cognitive Analytics Pilot

Why Cognitive Analytics?

- Ability to leverage data that is too complex, dynamic, and vast for traditional analysis

- Speeds integration and understanding of complex information

Impact for Maritime Community

- If successful, lays groundwork for NMIO to develop custom algorithms to meet maritime stakeholder needs

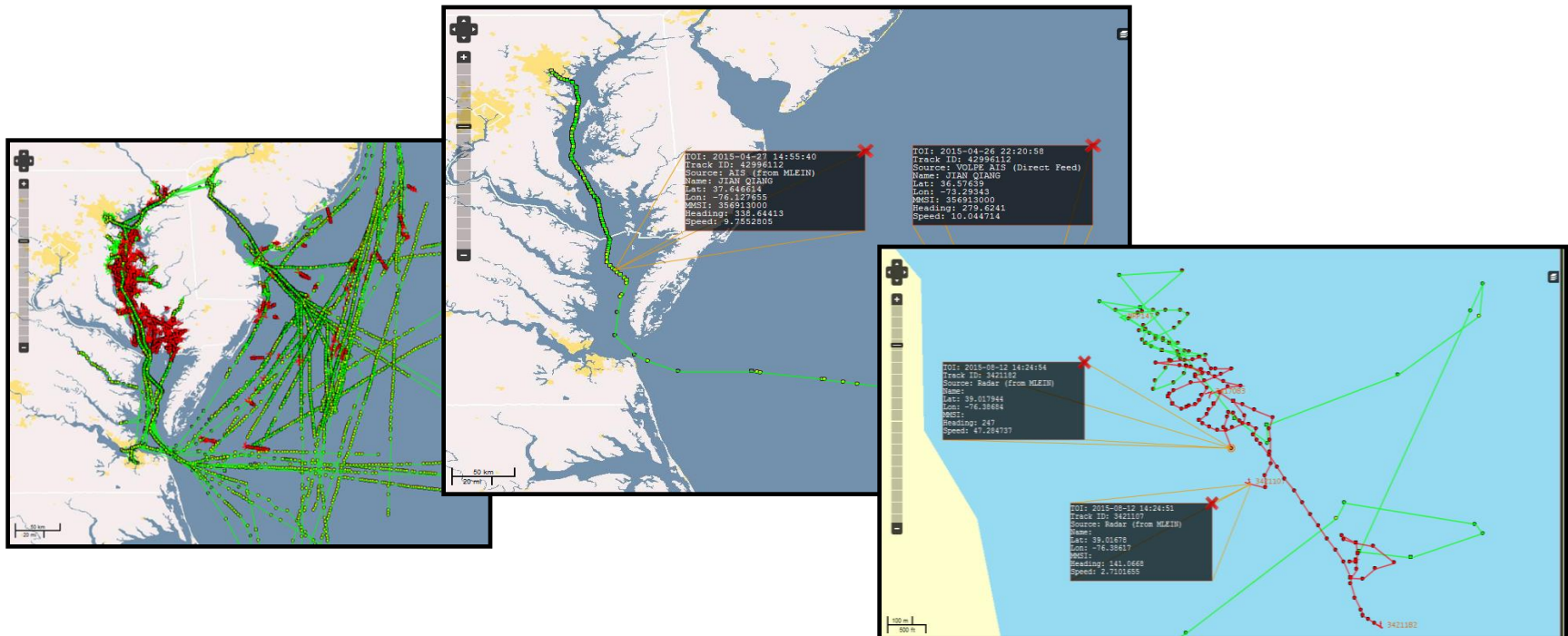- Unlocks potential of Big Data

- **ZERO COST** to the customer!
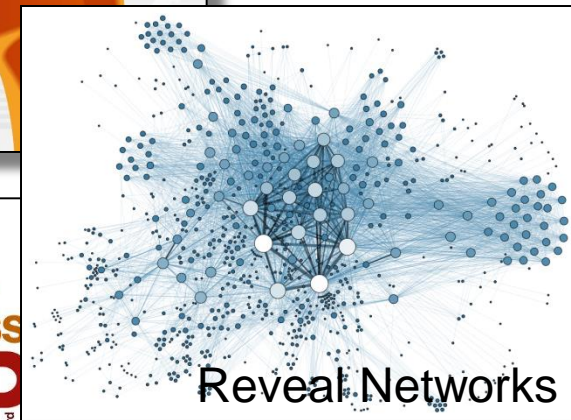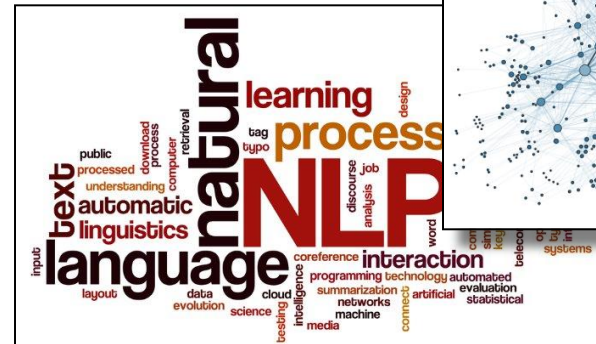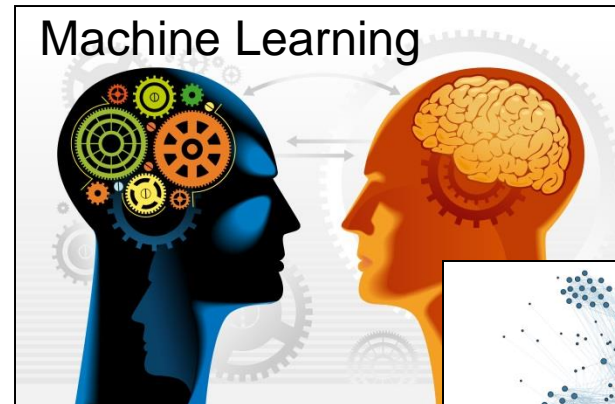
Machine Learning

Reveal Networks

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Homeland Maritime Border Security

Sealink Advanced Analysis

Homeland Maritime Border Security
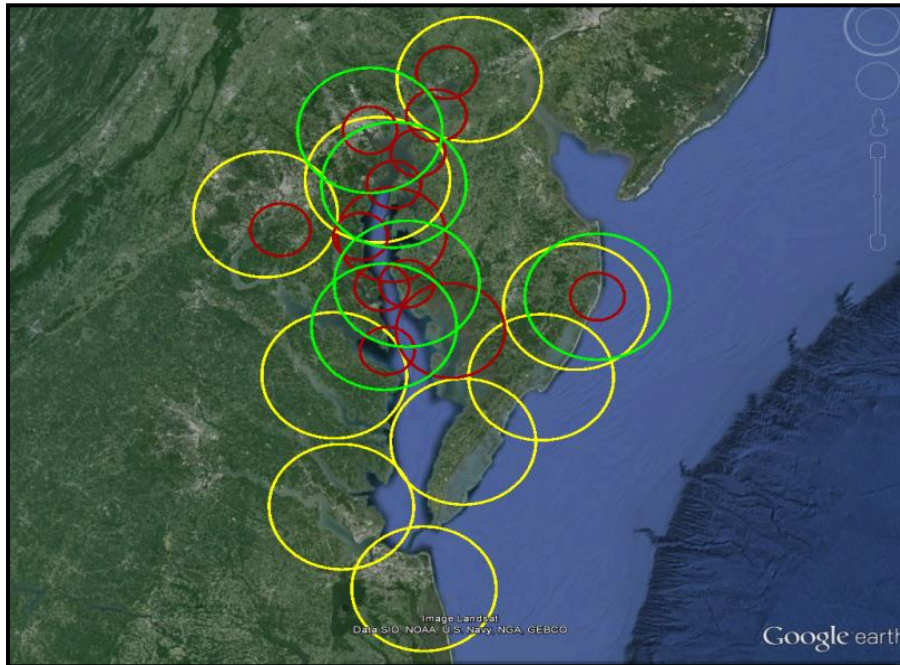
SENSOR TYPES
- Radars
- AIS
- Cameras

ISSUES TO BE ADDRESSED
- Info Sharing Policies
- Sensor Gap Analysis
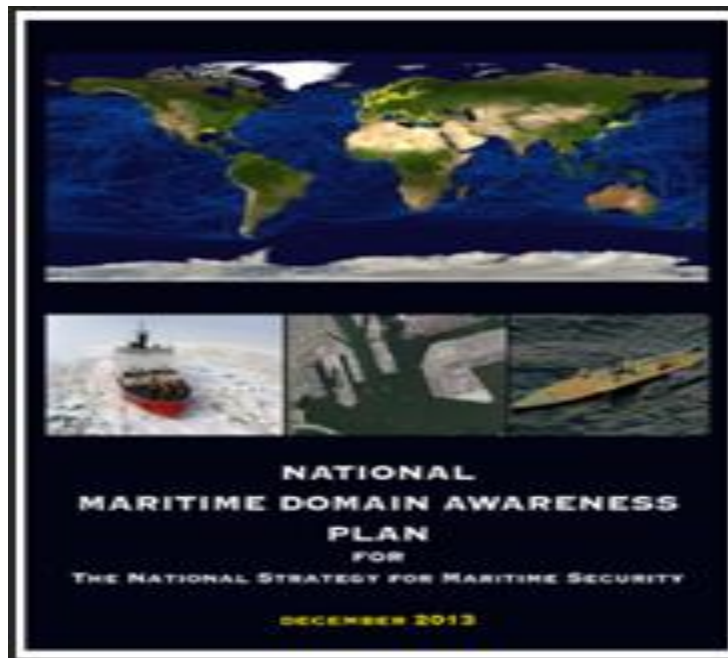
National Sensor Survey

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Homeland Maritime Border Security

National Vessel of Interest Lexicon

Homeland Maritime Border Security

Single Integrated Lookout List

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Thank you…and Questions