Discussion Outline

• Nature and importance of Maritime Domain Awareness (MDA)
• Maritime Security Strategy context
• Need for partnerships & coordination
• MDA Summit and Senior Steering Group
Definition of MDA

Maritime Domain Awareness is the effective understanding of anything associated with the global maritime environment that could impact the security, safety, economy, or environment of the United States.
Maritime Security Strategy

Reduced Maritime Security Risks

Input

Authorities Capabilities Capacity Partnerships

Awareness
Prevention
Protection
Response

Enhance Maritime Domain Awareness
Create & Oversee Maritime Security Regime
Increase Operational Presence, Enhance Deterrence
Improve Response Posture
Maritime Homeland Security

Threat

RECOGNITION

Vulnerability

ASSESSMENT

Protective Measures

INTERDICATION

INTENT

INTERAGENCY
COORDINATION

Draw on existing
capabilities

SENSORS

DATABASES

HUMINT

WARNING

TRIGGER
EVENT
Many national agencies and assets contribute to Collection, Analysis, and Dissemination...MDA
Collaborative leadership is needed to do the job

Uncoordinated MDA Initiatives ➔ National MDA Summit ➔ Coordinated MDA Planning

State  Local  Private Sector

Other Agencies

Working Groups
• Maritime Surveillance
• Air Surveillance
• at least 13 others exist
# Maritime Domain Awareness

## Information
- Vessels
- People
- Facilities
- Cargo
- Infrastructure
- Sea lanes
- Threats
- Friendly forces
- Weather
- etc.

## Collect
- Sensors
- Operators & field personnel
- Intel. agencies
- Open source
- Private sector data
- etc.

## Analyze
- Collate
- Fuse
- Analyze
- Assess
- etc.

## Disseminate
- Common Operating Picture
- Indications & Warnings
- Assessments
- Estimates
- etc.

## Decisions
- Strategic
- Operational
- Tactical

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**PROCESSES**
USCG Maritime Domain Awareness Directorate

MDA Director (SES)

Planning & Assessment
- Develop concepts, doctrine, plans, budgets
- Identify gaps & issues

Coordination & Integration
- Lead, facilitate, and/or coordinate interagency groups

Architecture & Programs
- Review and coordinate programs
- Execute near-term projects
Coordination Actions & Planning Milestones

**Coordination**
- USCG MDA Summit
- Maritime Surveillance Working Group
- DHS MDA Working Group

**Planning**
- Vision
- Terms of Reference
- Current state assessment
- Gap Analysis
- Requirements
- USCG Concept of Operations
- Homeland Security MDA Plan
- National MDA Plan
- Homeland Defense MDA Plan

**FY 04**
- Q1: National MDA Summit
- Q2: Maritime Surveillance Working Group
- Q3: DHS MDA Working Group
- Q4: Continued interagency coordination

**FY 05**
- National MDA Plan
- National MDA Plan
- Incorporate state & local requirements in national, DHS, and USCG MDA plans

**FY 06**
- National MDA Plan
- Ongoing review, revision of MDA family of plans

**FY 07**
The MDA Summit

• **Objective**: Attain commitment and consensus on a national MDA direction

• **Who**: Senior Federal Government Leadership

• **When**: 07 May 2004; 0730 - 1400

• **Where**: Johns Hopkins University Applied Physics Lab, Laurel MD

• **Classification level**: Secret
MDA Summit Goals

1. Vision
   - Definition, Vision Statement, End State

2. Guiding Principles
   - How will we work together

3. Way Ahead
   - How do we proceed
Goal 1 - Vision

• Maritime Domain Awareness (MDA) is the effective understanding of anything associated with the global maritime environment that could impact the security, safety, economy, or environment of the United States.
Goal 2 -- Guiding Principles

MDA

Supporting Principles
- Build Partnerships
- Develop/Share Technology
- Standards & Requirements
- Integrate & Share Information
- Drive Cost Effectiveness

Underlying Principles
- Sense of urgency consistent across guiding principles

Free-Flow of Commerce
Systems Approach
Civil Liberties

Homeland Security
Goal 3 - Way Ahead

• A Senior Steering Group should be established to unify MDA efforts, and specifically:
  - Establish vision statement and end state
  - Identify agency capabilities, redundancies, gaps
  - Address organizational issues
  - Establish work groups
  - Coordinate other existing related workgroups
  - Develop an MDA strategy and National plan

• A HSPD will be crafted to establish the authority of the MDA Senior Steering Group
Goal 3 - Way Ahead

• Leadership of the MDA Senior Steering Group
  - DHS and DOD as lead agencies
  - USCG, USN as Executive Agents

• Senior Steering Group (and WG) Membership
  - Summit participants plus: DOJ, DOC, TTIC … others
  - Flag/SES level
Goal 3 - Way Ahead

✓ Establish Implementation Team ASAP
✓ Create scope of work and timeline by 15 June
✓ Develop following deliverables by 15 July
  - Draft MDA Senior Steering Group charter
  - Draft /coordinate SSG authority document
  - Describe/define Workgroup structure
  - ID proposals for immediate action (low hanging fruit)
✓ First Meeting of MDA SSG -- 24 September
National MDA STRUCTURE - Notional

MDA is Combined, Joint and Interagency at each level

Info sharing w/allies via Combatant Commanders

MDA supports Combatant Commanders for MIO, RMSI, PSI, et. al.

NORTHCOM /JFMCC

PACOM SOUTHCOM EUCOM CENTCOM

Examples of potential MDA partners

MDA supports LE, protection of natural res., migrant interdiction, et.al.

DHS

SSG provides guidance

INTERAGENCY MDA COMMAND

Provides maritime surveillance, threat warning and info sharing to stakeholders

National Interagency MDA Effort

National technical means

Wide area sensor data i.e. AIS, GMDSS

Examples of potential MDA partners

USCG TSA CBP ICE IAIP

Homeland Security
Maritime Domain Awareness

16 November 2004