09-10 June
Regional Maritime Security Organizations
Round Table Meeting

COS MARITIME ACTION FORCE
CAPTAIN (SPN) MIGUEL IZQUIERDO

ARMADA ESPAÑOLA
SPANISH MARITIME ADMINISTRATION: A CONCERN
AT SEA, COOPERATION IS THE KEY FACTOR

COOPERATION IS PARAMOUNT

Limited Information available + Limited Capabilities + Restricted Budget =
MARITIME ACTION FORCE TASKS

Carry out missions mainly related with the Freedom of Action & Maritime Action capabilities

MAIN

• Contribution to permanent missions: Surveillance and Maritime Security
• Contribution to all other maritime-related organisms and administrations
• Providing permanent national NCAGS\(^1\) structure
• Gathering and fusion of all maritime-related INFO
• Act as RMP manager (Directive 02/2011 AJEMA)

\(^1\)(Naval Cooperation and Guidance for Shipping)
SP NAVY FLEET MARITIME ACTION FORCE

STRUCTURE

3300 PEOPLE
70% EMBARKED

UNITS

42 SHIPS
30 NAVY DELEGATIONS

ACTIVITY

3600 DAYS AT SEA

3600 DAYS AT SEA 2014: 3597 DAYS

24/7/365 “NAVY REMAINS AT SEA”

HQ

STAFF: 200

Experience, Means, Presence, Knowledge

ARMADA ESPAÑOLA
SP NAVY CONTRIBUTES TO REACHING AN ACCEPTABLE LEVEL OF ...

MARITIME SECURITY IN OUR AOIs

PREVENTING ILLICIT ACTIVITIES

GUARANTEEING LEGAL ACTIVITIES

AT SEA
MARITIME SECURITY PILLARS

MSA: Maritime Situational Awareness

MSO: Maritime Security Operations

To Know

- integrated maritime surveillance

To Conduct

- Coordinated maritime operations

Comprehensive Approach

criteria of effectiveness and efficiency

Generals

In Support
FIRST PILLAR: MSA

INFORMATION

MSA Info “Needs”:
• Need to know
• Need to evaluate
• Need to protect
• Need to share
INFORMATION FUSION CENTER AVAILABLE TO OTHER AGENCIES. 24/7

MARITIME OPERATIONS AND SURVEILLANCE CENTER (COVAM = MOC)
MSA STRUCTURE: SOURCES AND PRODUCTS

**SOURCES**
- AIS
- TELEFÓNICA
- STATE HARBOURS
- EVIEST CEUTA
- SURFACE UNIT
- AIR UNITS

**RADAR SIGNALS**
- “Hercules”
- “Sasemar”
- “SIVE”

**NCAGS**
- NAMESIS

**WEB CSP (SLB)**
- GOLD

**OPEN SOURCE**
- AIS LIVE – LRIT
- AMRS - KMZ’s

**MSSIS**

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**SYSTEMS**

- SPANISH MSSIS

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**PRODUCTS**

- **WHITE RMP** (Open)
- **BLUE RMP** (NON RELEASEABLE)
- **RED RMP** (CONFIDENTIAL)

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**USERS**

- HQ´S
- UNITS
- HQ AOO
- CIVIL ADMIN
- OTHER USERS
**MSA: INFORMATION SOURCES**

**DATA BASE AND SYSTEMS.**
- State harbours: **DUEPORT**
- MAGRAMA: Surveillance net
- Fishing inspection (**REVIPES**)
- DGMM: National Fleet structure
- Cooperation USA.: **AMRS**
- IHS Fairplay: **Seaweb** (Lloyd´s register)
- **NAMESIS / DB COVAM**
- **SEAWATCH / COASTWATCH**

**CLASIFIED NETS**
- NAVY: Naval Command System
- Defence HQ: SIJE
- OTAN: MCCIS-Nato Secret Wan (NSWAN)
- USA. : CENTRIX
- UE: MSCHOA (Atalanta)

**Open sources**
- AIS Nacional
- AIS MSSIS
- AIS Satellite
- State Harbours (Shiplocus)
- Blue boxes (SEGEPESCA)
- CustomsSVA (Control flota DAVA)
- Army (Hércules)
- EMSA (LRIT / IMDatE / SSNet)
- Cooperation USA. (Seavision)
- 5+5 INICIATIVE (SMART)
- Cooperation EU (MARSUR)
- COLCO (Cono Sur America)
- IHS Fairplay (AisLive)
- Msgs MSA Navy ships
- INTREPS

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MSA: PRODUCT RMP “BLUE”
**MSA: COORDINATION WITH CENTERS**

**NATIONALS**
- Ministry of Finances
- Customs Surveillance Service (DAVA)
- Ministry of Internal affairs
- Guardia Civil (CECORVIGMAR)
- National Police (CITCO/CEPIC)
- Ministry of Defence
- Operaciones Command (MOPS)
- Army/Air Force
- Ministry of Agriculture, food and enviroment
- Fishering Surveillance Center (CSP)
- Ministry of Infrastructure
- DGMM (Capitanías Marítimas)
- Search and Rescue. SASEMAR
- Ministry de Education, Culture and Sports
- Consejo Superior Invest. Científicas (CESIC)
- Others
- Autónomous Regions
- National Maritime Security Council

**INTERNATIONALS**
- OTAN … HQ MARCOM
- Francia … CECLANT / CECMED
- Portugal … COMAR
- Italia … CICNAV
- EDA (UE) … MARSUR
- DG MARE (UE) … CISE
- Iniciiative 5+5 … Med y Trans-Reg.
- Singapur … IFC
- Chile … DIRECTEMAR
- Argentina … COLCO

**NAVY**
- Navy HQ: COA
- Fleet/MVSM: NOC
- Air Force: MACA ROTA
- Subordinate Commands
AUTOMATIC SURVEILLANCE
Maritime Situational Awareness (MSA)

Maritime Security Operations (MSO)

Comprehensive Approach criteria of effectiveness and efficiency

Sources

Systems

Products

To Know

integrated maritime surveillance

Generals

In Support

To Conduct

Coordinated maritime operations

MSA: Maritime Situational Awareness

MSO: Maritime Security Operations
SECOND PILLAR: MSO

MSO diversity “heads-up”:
- Operation types and means
- Actors’ SOPs
- Legal frames & responsibilities
Naval presence & control of spaces of sovereignty / interest:
- Contributes to MSA
- Safeguards international maritime law
- Sea lines protection
- Maritime Security operations
SPANISH MARITIME ACTORS

MINISTRY OF INFRASTRUCTURES

MINISTRY OF THE INTERIOR

MINISTRY OF INFRASTRUCTURES

MINISTRY OF HEALTH CARE, SOCIAL SERVICES AND EQUALITY

MINISTRY OF FINANCES AND PUBLIC ADMINISTRATION

MINISTRY OF FOREING AFFAIRS AND COOPERATION

MINISTRY OF DEFENCE (NAVY, A.F.)

MINISTRY OF EDUCATION, CULTURE AND SPORTS

MINISTRY OF AGRICULTURE, FOOD AND ENVIRONMENT

MINISTRY OF ECONOMY AND COMPETITIVITY (I+D+I)

AUTONOMOUS COMMUNITIES

N. G. O.

CITCO: Intelligence Centre against Terrorism and Organized Crime

Spanish State Action at Sea
SUPPORTING MISSIONS
SPANISH MARITIME ACTORS

- Shipping Control
- Safety of Navigation
- Safety of Life at Sea
- Illegal migration fighting
- Fishing protection
- Sea living resources protection
- Archaeological heritage and environmental protection
MARÍTIME SECURITY PILLARS

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Comprehensive Approach criteria of effectiveness and efficiency

SOURCES SYSTEMS PRODUCTS

COOPERATION

Generals In Support

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MSO: Maritime Security Operations
Means update:
- Improve ENCOMAR tool
- Modernization of Air and Surface means and systems

Improve national efficiency:
- Planning activities in detail
- “Collaborative INFO“ exchange in real time (Chat)
- Homogeneity of systems and means
- Common standard operating procedures
- Improve interconection centers

Improve international efficiency:
- Strengthen ties with other countries…
- Review and update Agreements
INFORMATION SHARING

BARRIERS

TECHNICAL PROBLEMS.
• Different technologies in the exchange of data.

PROCEDURES.
• Procedures depend on relationships.

LEGISLATION.
• National Legislation which precludes information sharing.

SECURITY
• Non releasable data.

INSTITUTIONAL.
• Internal disputes among institutions and agencies.

KNOWLEDGE
• Lack of awareness

ECONOMY
• Great variety of commercial interests.
INFORMATION SHARING

IDENTIFYING ACTORS IN MS

DEFINING REQUIREMENTS OF A NETWORK OF NETWORKS FOR MS INFORMATION SHARING

- Specifying global standard procedures and policies
- Determining the info to be shared

Creating a working Group
SAFETY AND SECURITY AT SEA DEPEND ON THE SEA SURVEILLANCE

THE SP NAVY PROVIDES SAFETY AND SECURITY AT SEA IN BENEFIT OF MARITIME COMMUNITY

ARMADA ESPAÑOLA