workshop: Fight against piracy in COMHAFAT zone

SENEGAL PRESENTATION

By

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workshop: Fight against piracy in COMHAFAT zone

Outlines

I. SENEGAL MARITIME DOMAIN;
II. SAFETY AND SECURITY THREATS
III. MARITIME SAFETY AND SECURITY STRATEGY
   1- MDA
   2- ACTION ASSETS
   3- COOPERATIONS
MRCC OBJECTIVES

- 570 km of coastline,
- 03 rivers,
- 130 national fishing vessels,
- 26,000 fishing canoes,
- International sea lanes,
- International Port of Dakar,
- 4 maritime borders.

Economic interests and security concerns
MAJOR MARITIME THREATS

- Illegal fishing
- Drug trafficking
- Illegal migration
- Environment protection
FUTURE THREATS

- Piracy
- Armed robbery
- High scale pollution
- Terrorism
MARITIME STRATEGY
MARITIME DOMAIN AND SITUATIONAL AWARENESS

COORDINATION OF INCIDENTS AT SEA

LIAISON WITH NATIONAL AND INTERNATIONAL STRUCTURES

OPERATIONAL DECISION MAKING PROCESS IF MANY ADMINISTRATIONS INVOLVED.

MRCC OBJECTIVES

Two main functions

- Maritime Rescue Coordination Center (MRCC)
- Emergency Operation Center

- Maritime Domain and Situational awareness;
- Coordination of incidents at sea;
- Liaison with national and international structures;
- Operational decision making process if many administrations involved.
Maritime situational awareness = seeing + understanding + sharing
MARITIME SITUATIONAL AWARENESS
DIFFERENT SOURCES

AIS: SeaVision - CAMTES

Ships

Fishing vessels

Maritime Security Agencies

- AIR FORCE
- FISHERIES DEPT.
- GENDARMERIE
- POLICE
- CUSTOMS
- HASSMAR
- PAD
- ANAM

LRIT

VMS

V-RMTC

Maritime Air Patrols
Information from all coastal surveillance sites is fused, displayed, and recorded at the MNHQ MOC. MOC personnel have the ability to control remote RADARs, and overlay RADAR image over targets and charts. MOC personnel also create monitoring areas that work in conjunction with the ARPA acquisition zones at each remote sensor site.

**Major Equipment -**
TimeZero Operator Workstation
Codan MR HF Basestation
Harris 5800 HF Basestations
Motorola APX and XTL VHF Basestations
Motorola APX and XTS VHF Handhelds
Information sharing

**SOURCES**
- MRCC
- INTERNATIONAL PARTNERS
- MRCCs
- MOCs
- V-RMTC
- Seahorse
- Exercices

**LOCAL PARTNERS**
- ARMED FORCES
- FISHERIES DEPT.
- GENDARMERIE
- POLICE
- CUSTOMS
- HASSMAR
- PAD
- ANAM

**INVESTIGATION COORDINATION**
- MARITIME ASSETS
- NAVAL ASSETS
- INVESTIGATION FEEDBACKS
- COORDINATION DIVERSION

**INFORMATION**
Physical presence at sea for detection and surpic
- naval assets
- air assets

Northern Base
Dakar naval base
Southern Base
Naval assets

OPVs
Naval assets

Littoral surveillance vessel
Spécial Forces

- Anti-piracy
- Offensive actions
- Fast patrol boat
• **Diversity of actors at sea**

  ✔ Governmental actors (Fisheries, Agriculture, Gendarmerie, Police, Customs, Maritime Authority, Port Authority, ...)

  ✔ Commitment to a single coordinating body for maritime security (HASSMAR)
National SAR Plan;
National maritime safety Plan;
National pollution Plan

Maritime exercises to review the plans: at least once every two years. The last one «SAMAREX Dakar 2018» 26, 27 december 2018
• **Filling the resources-commitment gap**

  ✓ Budgetary constrained environment

  ✓ Short of naval and air assets
• **Sub-regional cooperation**

  - Strengthen the institutional framework
  - Set up effective regional cooperative mechanisms and integrated structures
  - Strategic partners assistance in training, information sharing, and logistics
  - Reinforcement of the naval potential: new acquisition
Thank you for your ATTENTION