COORDINATION OF THE SAR COMMUNICATION SYSTEM

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Content

- Importance of Communication
- Facilities to be coordinated
- How does it work?
Importance of communication in SAR Ops

- The **success** of any maritime SAR operation means **good communication**
- Communications **support** distress alerting, co-ordination and locating functions by allowing those in distress to alert the SAR system
- The necessary communications for maritime SAR may include telephones, radio operating on international distress frequencies, long-range terrestrial and satellite systems and other equipment
- The quality, usefulness and overall timeliness of communications from their source to the final destination is of **critical importance** in maritime SAR
- Communications **must be able to take place reliably and quickly** between units in distress and the SAR system,
Maritime SAR operations require communication between two or more of the following facilities:

- MRCCs, MRSCs, secondary MRSCs
- port authority;
- SAR vessels;
- SAR aircraft;
- air force bases/command posts;
- naval shore authorities;
- other vessels at sea;
- aircraft service units;
- coastal radio stations;
- police stations, vessels and vehicles;
- SAR land stations, land mobile stations and vessels;
- lighthouses;
- emergency medical services.
How to co-ordinate all these actors?

- **The SMC is responsible**
  - for designating specific frequencies for on-scene use
  - for establishing reliable communications with adjacent operations centers.
  - for informing all SAR participants of the specific frequencies selected for an operation
  - Of designating a primary and secondary frequency in the appropriate frequency bands (HF, VHF and UHF) for use as on-scene channels

- **On Scene Coordinator (OSC) is responsible**
  for establishing reliable communications between all participating search units and the MRCC.
SAR DATA PROVIDERS

VESEL IN DISTRESS

SURFACE VESSELS

STAKEHOLDERS

MRCC

ACO

OSC

SAR MEANS

coordination
Important factors

- Priority, reliability and availability
- Interoperability
- Identification
- Geography

"Have the right information at the right place and in the right time!"

Capt Med DRISSI
THANKS FOR YOUR ATTENTION