



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.



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**

