

Maritime Search and Rescue

**Key factor to ensure safety and
security at sea**

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BUSY SEAS



Security Problem and Growing Threat to International Travel Commerce

- 14 million passengers cruise annually



- 6,8 billion tons of goods are moved by sea annually
- Up to 90% of international trade is traveling by ship at some point
- Global trade circle worth 7,4 trillion USD

What is the situation?

Busy waters;

Various sea activities;



Threats :

- » **Fatalities**
- » **Illegal fisheries;**
- » **Smuggling**
- » **Illegal migrants**
- » **Oil spill**
- » **Piracy**
- » **Others**

Building International Safety and Security



**International
Maritime
Organization
(IMO)**



- both are **United Nations** agencies that focus on **SAFETY**
- both develop global plans, procedures, techniques and training



**International
Civil
Aviation
Organization
(ICAO)**



**United Nations
High Commissioner
for Refugees
(UNHCR)**

**Food and
Agriculture
Organization**



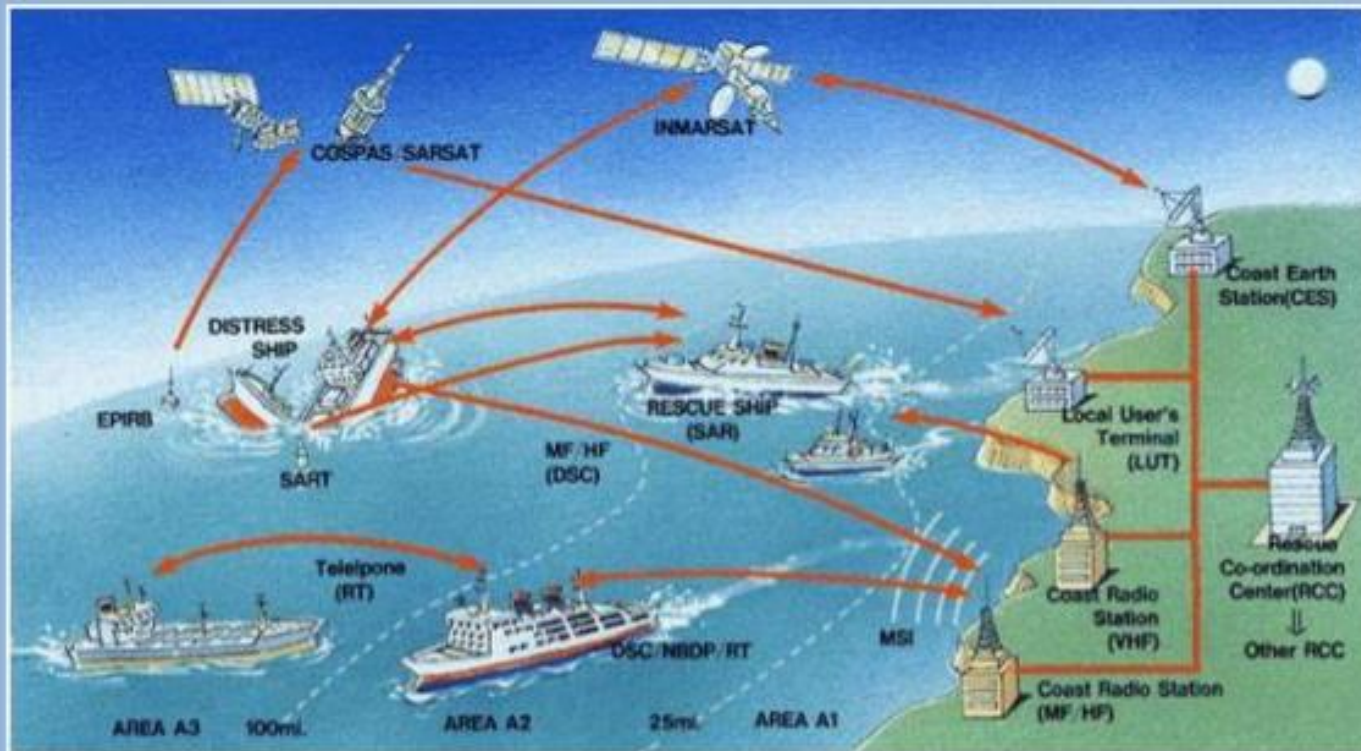
**World Health
Organization
(WHO)**

**International
Labour
Organization**



The GMDSS, the change!!

GMDSS CONCEPT





New Technologies



MRCC **Search and Rescue**

Distress monitoring, communication, co-ordination and search and rescue including medical advice, initial medical assistance and medical evacuation

Point of Contact for MAS
Ship Security Alert System SSAS

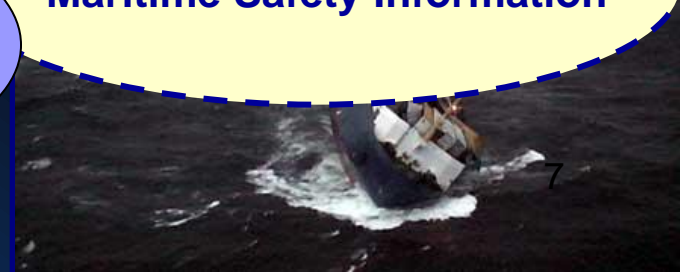
VTM **Vessel Traffic Management**

Routine and Proactive Services incl. High Risk Ship (HRS) indication, AIS/LRIT

OPRC **Oil Pollution Response and Co-ordination**

SECURITY **Point of Contact**

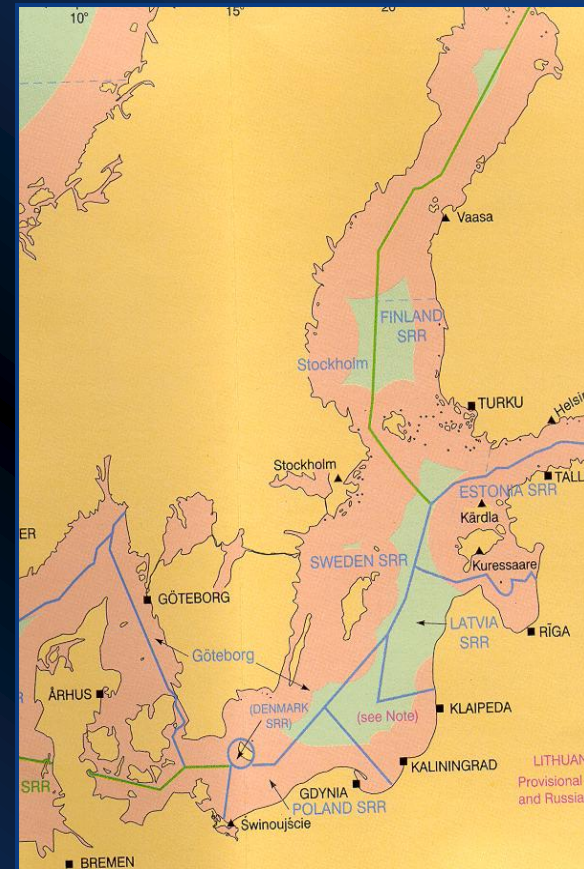
MSI **Maritime Safety Information**



The SAR, How to be established?

Parties shall **individually or in co-operation with other states establish :**

- **Search and Rescue Regions (SRR)**
- **Rescue co-ordination centres (MRCC)**



SAR Benefits

- ✓ Saving lives at risk (costs savings)
- ✓ Comply with international regulations;
- ✓ Raising Country profile;
- ✓ Tourism development impact (races, marinas...);
- ✓ Maritime traffic development;
- ✓ Marine environment protection.

REGIONAL MRCCs FOR AFRICAN COUNTRIES BORDERING THE ATLANTIC AND INDIAN OCEANS

**MOROCCO: MOROCCO, MAURITANIA, SENEGAL, GAMBIA, CAPE VERDE and
GUINEA-BISSAU**

**LIBERIA:
GUINEA, SIERRA
LIONE, LIBERIA,
IVORY COAST,
GHANA and TOGO**

**NIGERIA:
BENIN, NIGERIA,
CAMEROON,
EQUATORIAL
GUINEA, SAO
TOME and
PRINCIPE, GABON,
CONGO and
DEMOCRATIC
REPUBLIC of
CONGO**



KENYA:

**TANZANIA,
KENYA,
SEYCHELLES
and SOMALIA**

**SOUTH
AFRICA:**

**ANGOLA,
NAMIBIA,
SOUTH AFRICA,
MOZAMBIQUE,
MADAGASCAR
and COMOROS**

International Maritime Rescue Federation

Improving global SAR capability. Saving lives.

- A Non-Governmental Organisation founded in 1924 in consultative status at the International Maritime Organization (IMO – the relevant United Nations technical body)
- Advocating for maritime SAR globally
- Leading and assisting with maritime SAR improvement projects globally



SAR Capacity Building in Africa: Working in partnership with IMO

Since 2012, the IMRF, with the IMO Technical Cooperation Division, has been helping key states in Africa to develop a well-functioning SAR coordination capability.



What is being done?

- Working with IMO Technical Co-operation Division, other Institutions and IMO member states the IMRF has organised:
 - Regional SAR Development Meetings
 - IMO trainings: SAR Management, SAR Mission Controller, SAR Mission Coordinator, On Scene Coordinator
 - Courses on the requirements of IAMSAR Manuals I, II and III
 - Local trainings for MRCC personnel on GMDSS and SAR operations
 - Practical training in rescue boat handling and casualty recovery
 - Seminars and workshops
 - Mass Rescue courses and exercises

ACTIVITIES



Outcomes and changes

- MRCCs and JRCCS established or improved
- National SAR plans adopted
- Ratification of SAR Convention
- Introduction of new technologies
- Regional SAR plans adopted



They are keen to build a better future



*.....Technical Cooperation can help them
make a difference!*

Thank you



World Maritime Rescue Congress

Vancouver - Canada

June 16-17, 2019



Hosted and Supported by
Royal Canadian Marine
Search & Rescue

and IMRF Quadrennial General Meeting, June 18, 2019

- The IMRF's **World Maritime Rescue Congress** is held every four years
- In June 2019 the world's SAR community meets in Vancouver, Canada, hosted and supported by IMRF Members Royal Canadian Marine Search & Rescue and the Canadian Coast Guard
- If you are in SAR administration, coordination or operations, you should be there:

Save the date!