Maritime Search and Rescue

Key factor to ensure safety and security at sea

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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
» Pirecy
» 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

OPRC
Oil Pollution Response and Co-ordination

SECURITY
Point of Contact

VTM
Vessel Traffic Management

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

MSI
Maritime Safety Information
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
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!*