

ICAO Inter-regional SAR Workshop 2019

**Harmonization of Aeronautical and Maritime
Search and Rescue**

Dave Edwards,

**Chairman, International Civil Aviation
Organization/International Maritime Organization
Joint Working Group on SAR
(ICAO/IMO JWG)**

Aeronautical and Maritime cooperation and coordination are essential



Global SAR System – a quick review

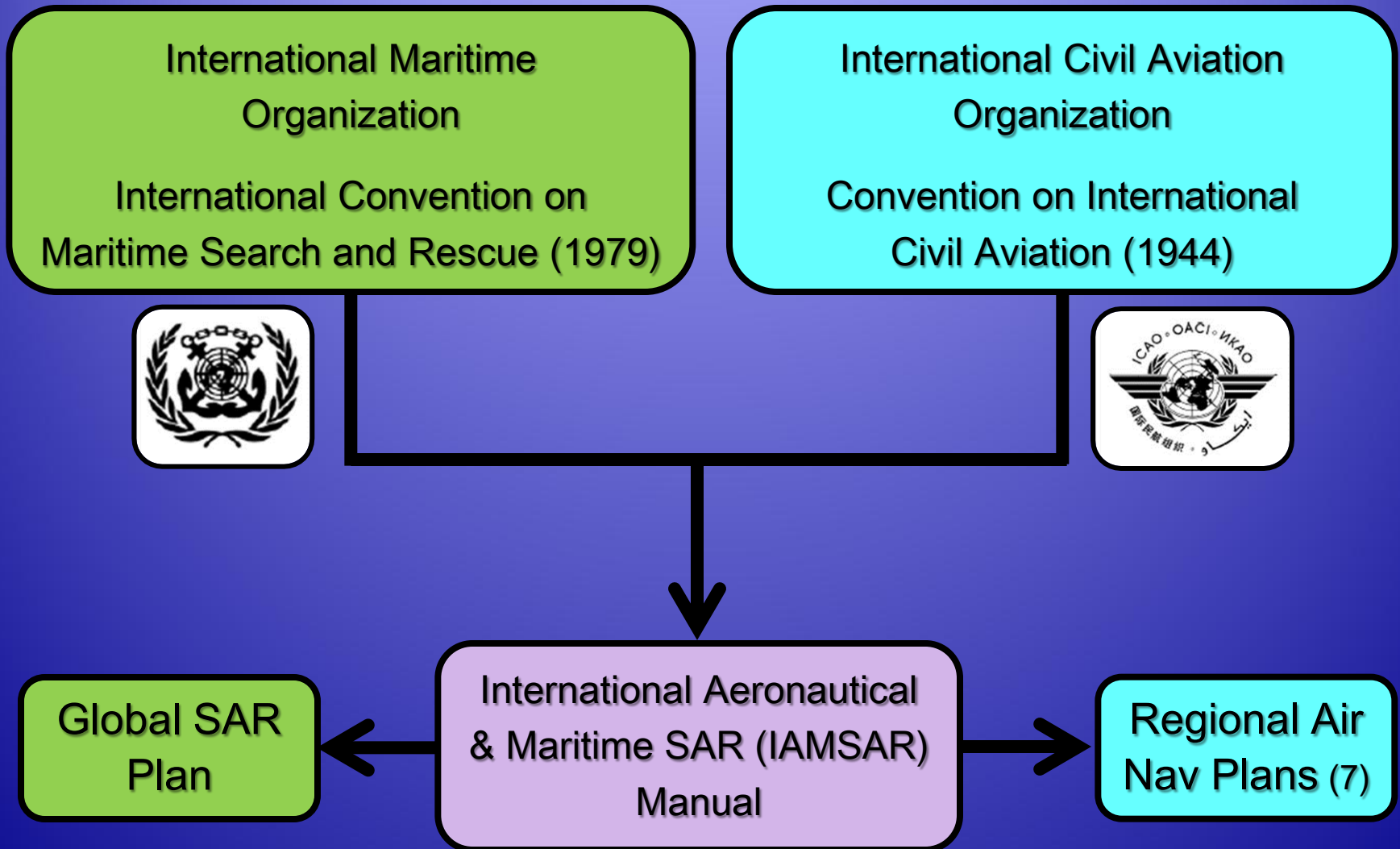
- ❑ Established under:

- ❖ International Convention on Maritime SAR
- ❖ Convention on International Civil Aviation
- ❖ Other conventions or international law

- ❑ Each country has a responsibility to meet its obligation as part of the global community

- ❑ Develop SAR services individually as a State
OR in co-operation with other States

International SAR Organization



Three Questions to consider:

1. What defines the type of SAR incident:

☐ Aeronautical, is it the:

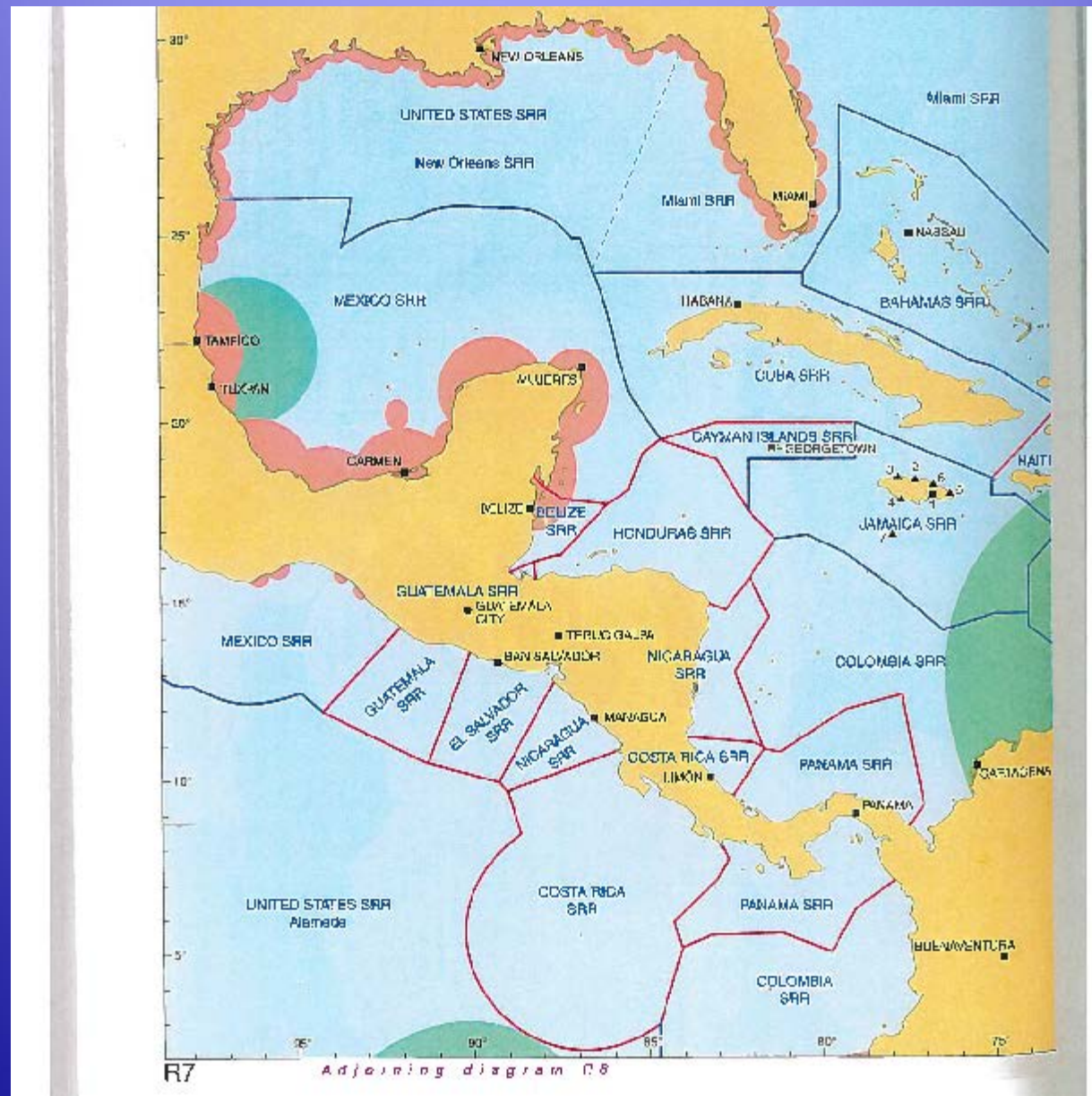
- ❖ craft in distress – the aircraft?
- ❖ type of response craft? (air, sea or land)
- ❖ location of distress? (land or water)

☐ Maritime: in the water

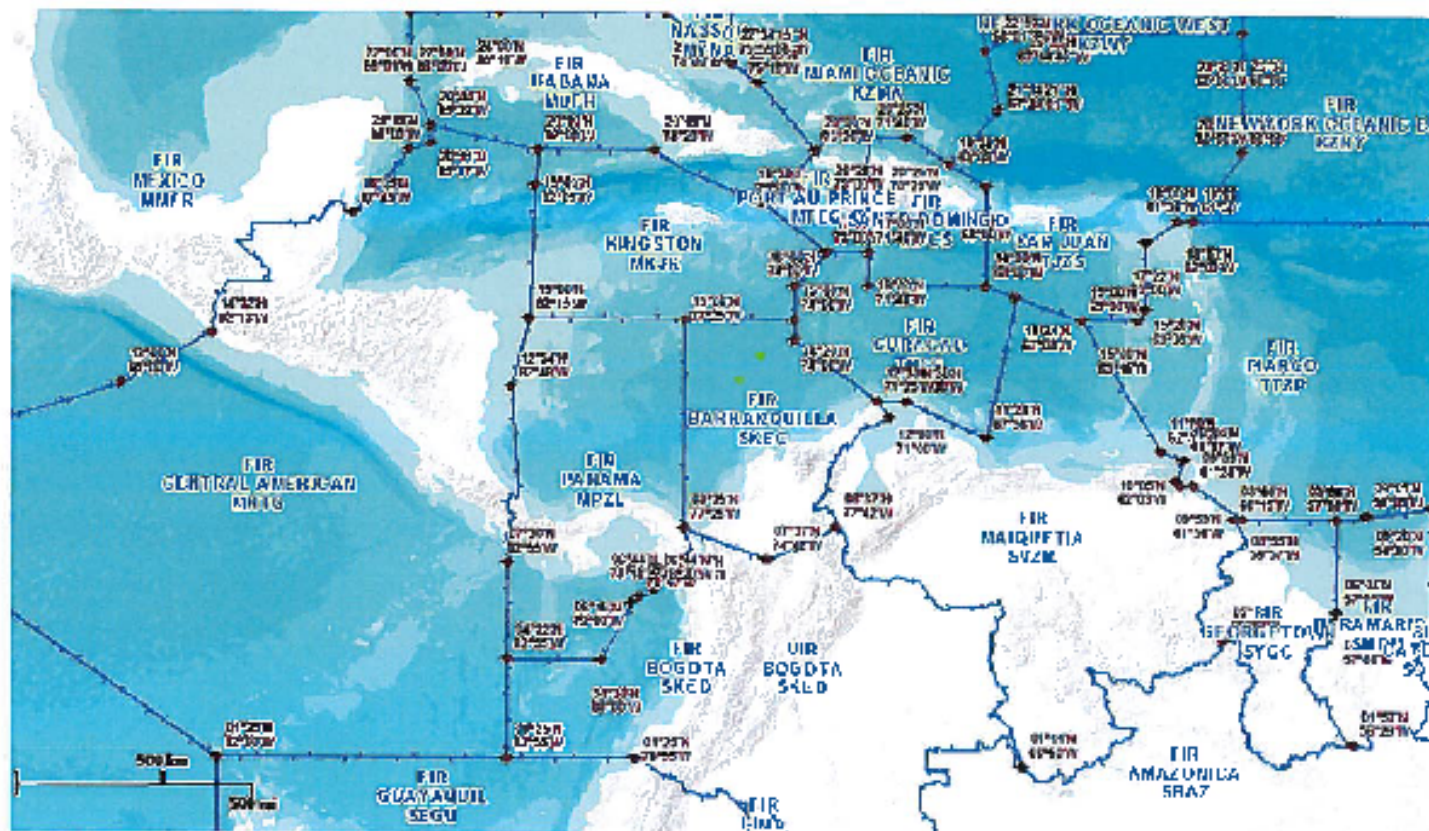
2. Who is your national SAR authority?

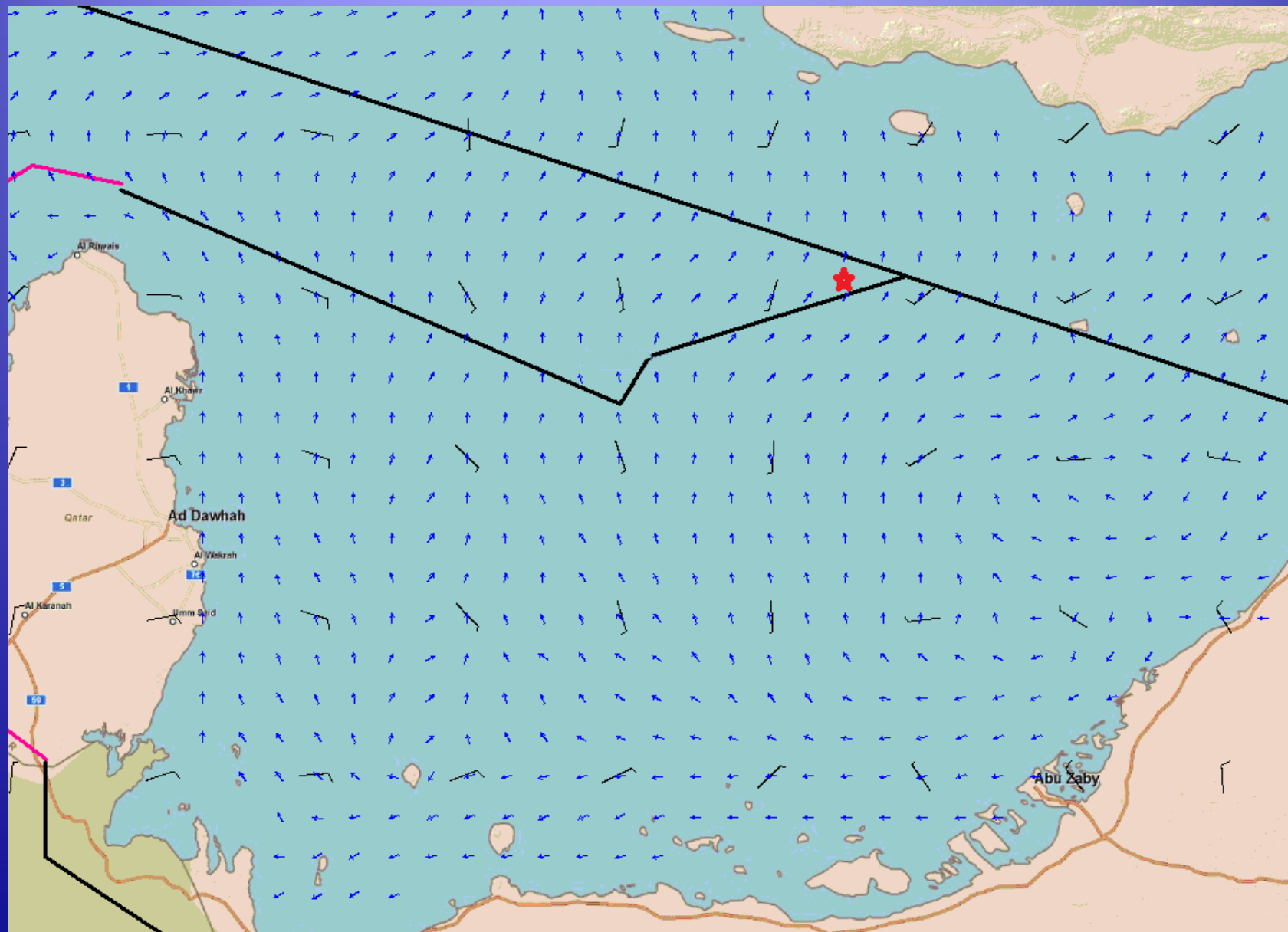
3. Who serves as your SAR Mission Coordinator?

Maritime Search and Rescue Region (SRR)



Aeronautical Flight Information Region (FIR) as Search and Rescue Region (SRR)





How do You ensure ...

- ◆ Rapid notification of the distress alert to SAR authorities
- ◆ Timely reaction by your SAR authorities
- ◆ Ability for other SAR responders to rapidly go to the scene of distress to assist (merchant ships, neighboring States,)
- ◆ Proper search planning
- ◆ Timely rescue (search craft may not be able to rescue)

How is the cooperation and coordination between your:

- ◆ **Aeronautical and Maritime SAR services?**
(or Land or Local authorities)
- ◆ **Civil and Military authorities?**
 - **Most States rely upon the military to do SAR**
 - **Who has the search planning experts**
 - **Who has the rescue craft**
 - **Lessons from Air France 447, questions from Malaysia Flight 370, and other incidents**

Two SAR Systems – One Country

Harmonize by:

- Standard documents, practices, procedures,
- Coordinate with other agencies
- Coordinate with neighboring countries
- Participate in regional forums
- As you work on your SAR services, align the IMO Global SAR Plan and the ICAO Regional Air Navigation Plan
- Use ship reporting systems

International Aeronautical and Maritime Search and Rescue (IAMSAR) Manual

Harmonizes aeronautical and maritime search and rescue organization, procedures, equipment, and terminology internationally



Government Processes to Establish a SAR System

- Our countries are part of the Global SAR System
- ICAO and IMO Guidance/Conventions
 - International Aeronautical and Maritime Search and Rescue Manual (IAMSAR Manual)

ICAO: <http://www.icao.int/publications/Pages/catalogue.aspx>

IMO: <http://www.imo.org/Publications/Pages/Home.aspx>

ICAO State Letter



International
Civil Aviation
Organization

Organisation
de l'aviation civile
internationale

Organización
de Aviación Civil
Internacional

Международная
организация
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24 May 2016

Subject: ICAO Inter-regional Search and Rescue Workshop
(Mahe, Seychelles, 19-22 July 2016)

Action required: Reply not later than 20 June 2016

I have the honour to invite your Administration/Organization to participate in the ICAO Inter-regional Search and Rescue Workshop, **Mahe, Seychelles, 19-22 July 2016**. The Workshop is organized jointly by ICAO Asia/Pacific, Eastern and Southern African and Middle East Regional Offices and hosted by Seychelles Civil Aviation Authority at the **Eden Bleu Hotel** located at Ile Perseverance in Seychelles.

The Workshop main objective is to apprise participants of the global, regional and inter-regional developments related to Search and Rescue (SAR). The Workshop will offer an opportunity to share experience and explore means to ensure harmonized implementations of SAR services. A SAR Exercise (SAREX) is being planned on the fourth day of the Workshop by the Seychelles Joint Rescue Coordination Centre with the aim to familiarize participants with SAR operational aspects.

Did you receive this letter?

Were the maritime people informed?

Need national process for including relevant agencies

SAR Meetings – joint participation

- Various ICAO and IMO seminars, workshops, recurring meetings
 - Announced through State letters
- Recurring IMO in London, UK; ICAO under ICAO Regional Office
- ICAO/IMO Joint Working Group on SAR
- IMO and ICAO technical cooperation projects for developing States - donor States/participating States
- Your own region forums (such as SAR Working Group)

Joint Rescue Coordination Center (JRCC)

- Joint aeronautical and maritime
- Staff of military, military/civil or all civil
- Perform all functions OR some efficiently performed by another competent agency
 - (aircraft communications through air traffic control)
- Current staff and funding may be sustained since joint effort can offset cost increases.
- Decreases confusion as to if the other agency is properly handling the SAR case.



Aircraft can assist in SAR or be a SAR incident.



Harmonize aeronautical and maritime SAR services –
Your agencies serve your country!