

NAM/CAR/SAM SAR Workshop

Harmonization of Aeronautical and Maritime Search and Rescue

2015

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Joint Working Group on SAR**

Aeronautical and Maritime cooperation and coordination are essential



Global SAR System – a quick review

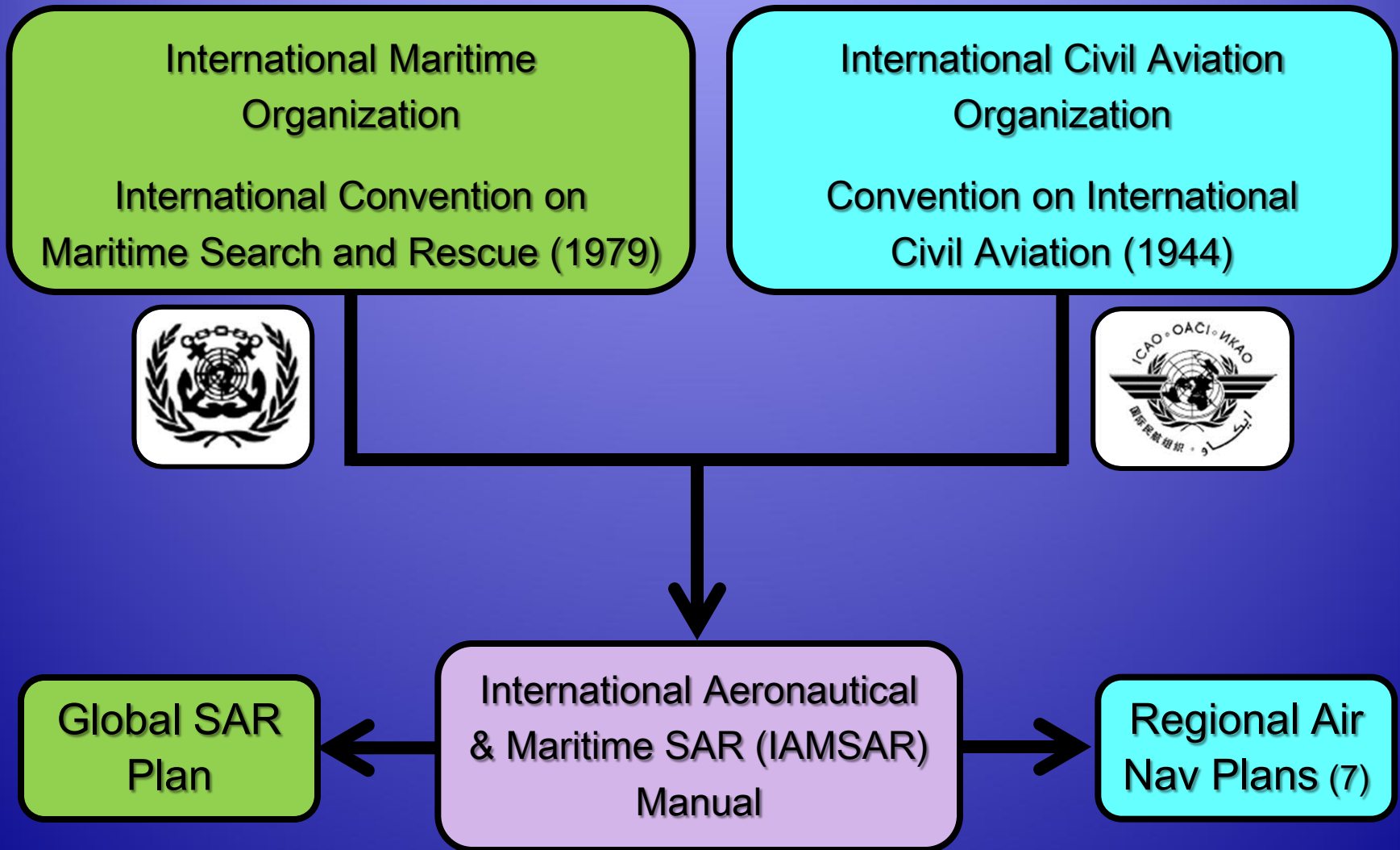
❑ Established under:

- ❖ 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:

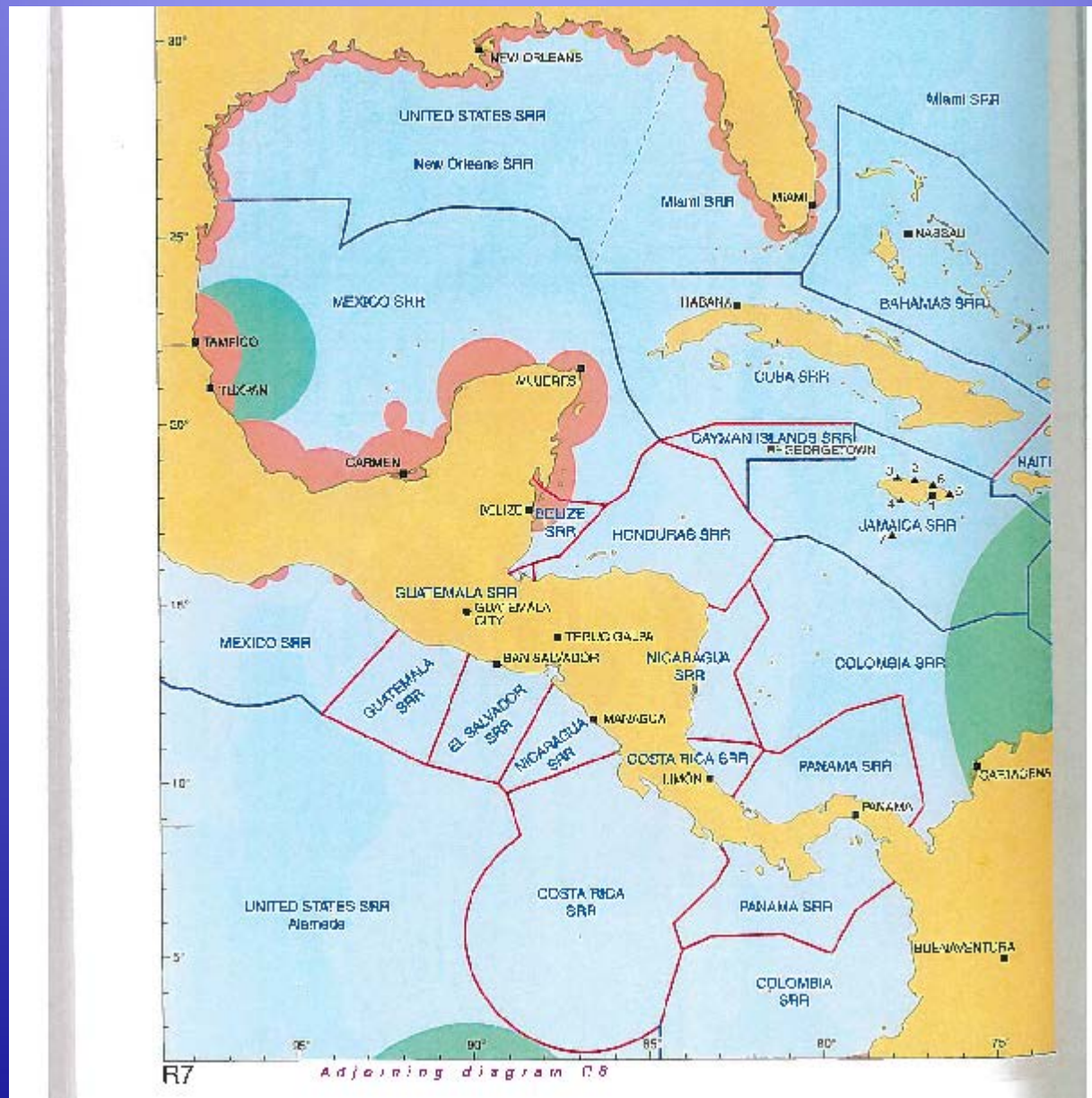
- ❖ craft in distress – the aircraft?
- ❖ type of response craft? (air, sea or land)
- ❖ location of distress? (land or water)

Maritime: in the water

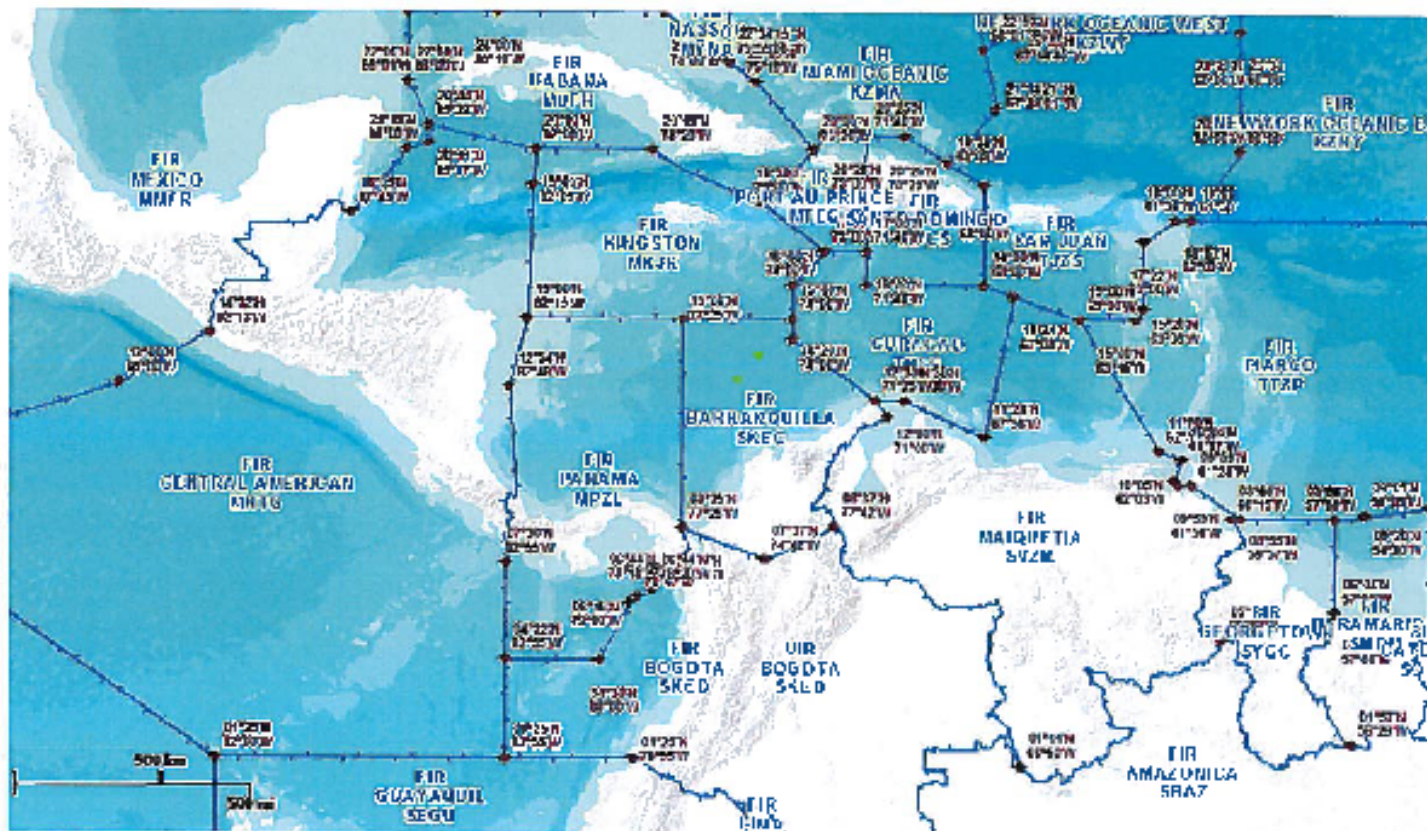
2. Who is your national SAR authority?

3. Who serves as your SAR Mission Coordinator?

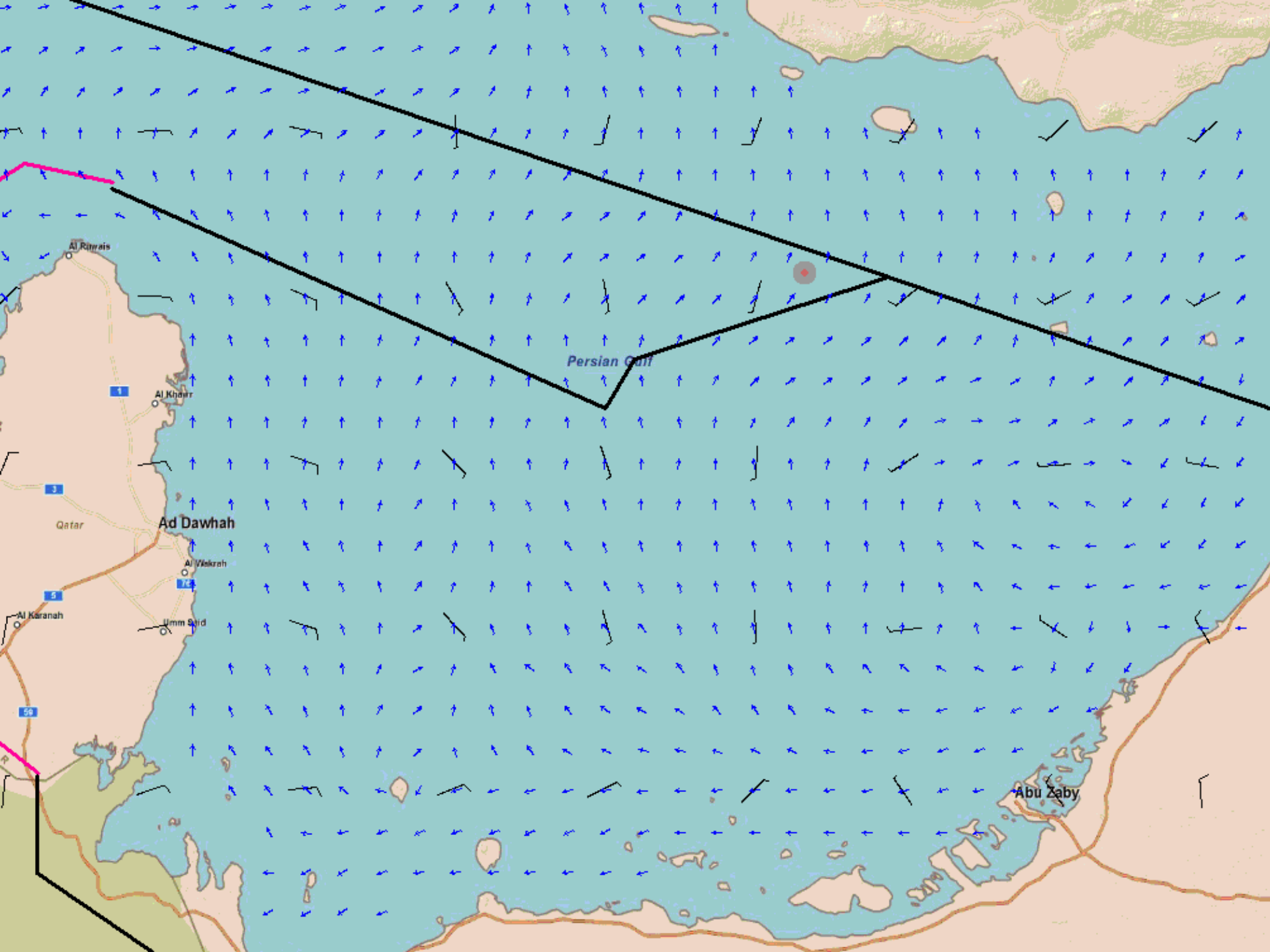
Maritime Search and Rescue Region (SRR)



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



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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
- ◆ 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**

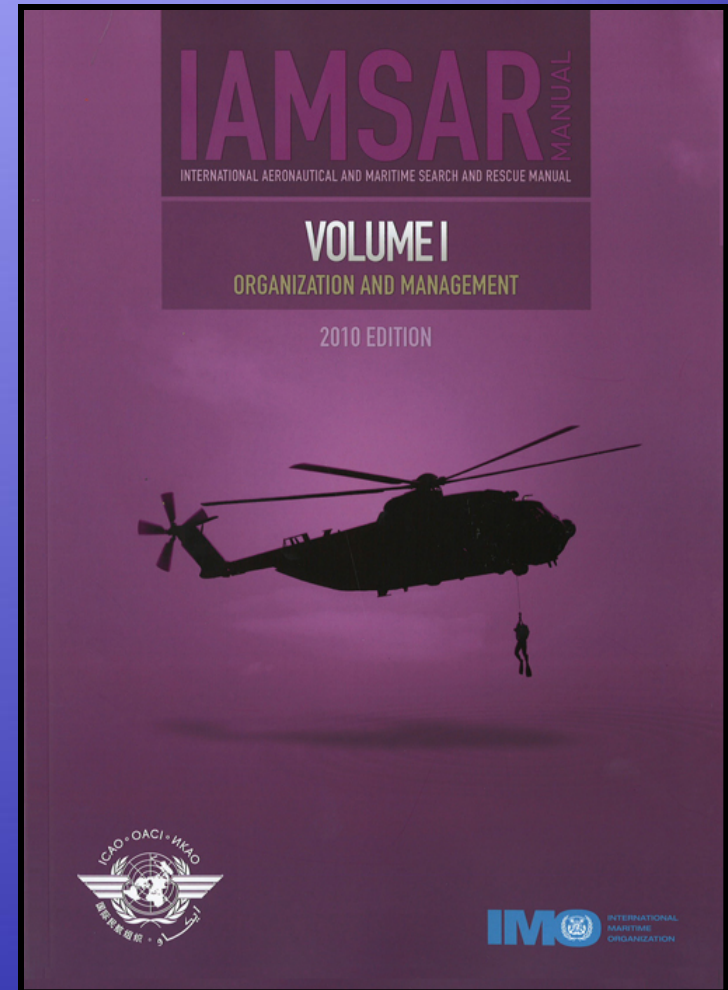
Two SAR Systems – One Country

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 Global SAR Plan and the Regional Air Navigation Plan**

International Aeronautical and Maritime Search and Rescue (IAMSAR) Manual

Harmonizes aeronautical and maritime search and rescue organization, procedures, equipment, 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)
- National SAR Committee
- National SAR Plan

SAR Forums

- Your own national SAR meetings
- This SAR Seminar (ICAO HQ and Regional Office and host country)
- Central America's "COBUSA"
- ICAO-IMO coordinated effort (? Oct 2015)
- Follow-on forums
 - SARSAT Training (annual, February/March)
 - ICAO/IMO JWG (annual, September)
 - **Others???**



Aircraft can assist in SAR or be a SAR incident.
However, a Plan is needed for both.



Harmonize aeronautical and maritime SAR services –

- Establish a national SAR coordinating committee
- Participate in interagency and regional meetings, and
- Maintain Global SAR Plan & Regional Air Navigation Plan