

A faint, light blue world map is visible in the background of the slide, centered behind the text.

ICAO NACC SAR Implementation Workshop 2023

IAMSAR Manual Volume III as a basic guide

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First – Please remember that search and rescue is both aeronautical and maritime!

Second – Yes, that is an airplane with people on it floating in the water



Aircraft can assist in SAR or be a SAR incident.

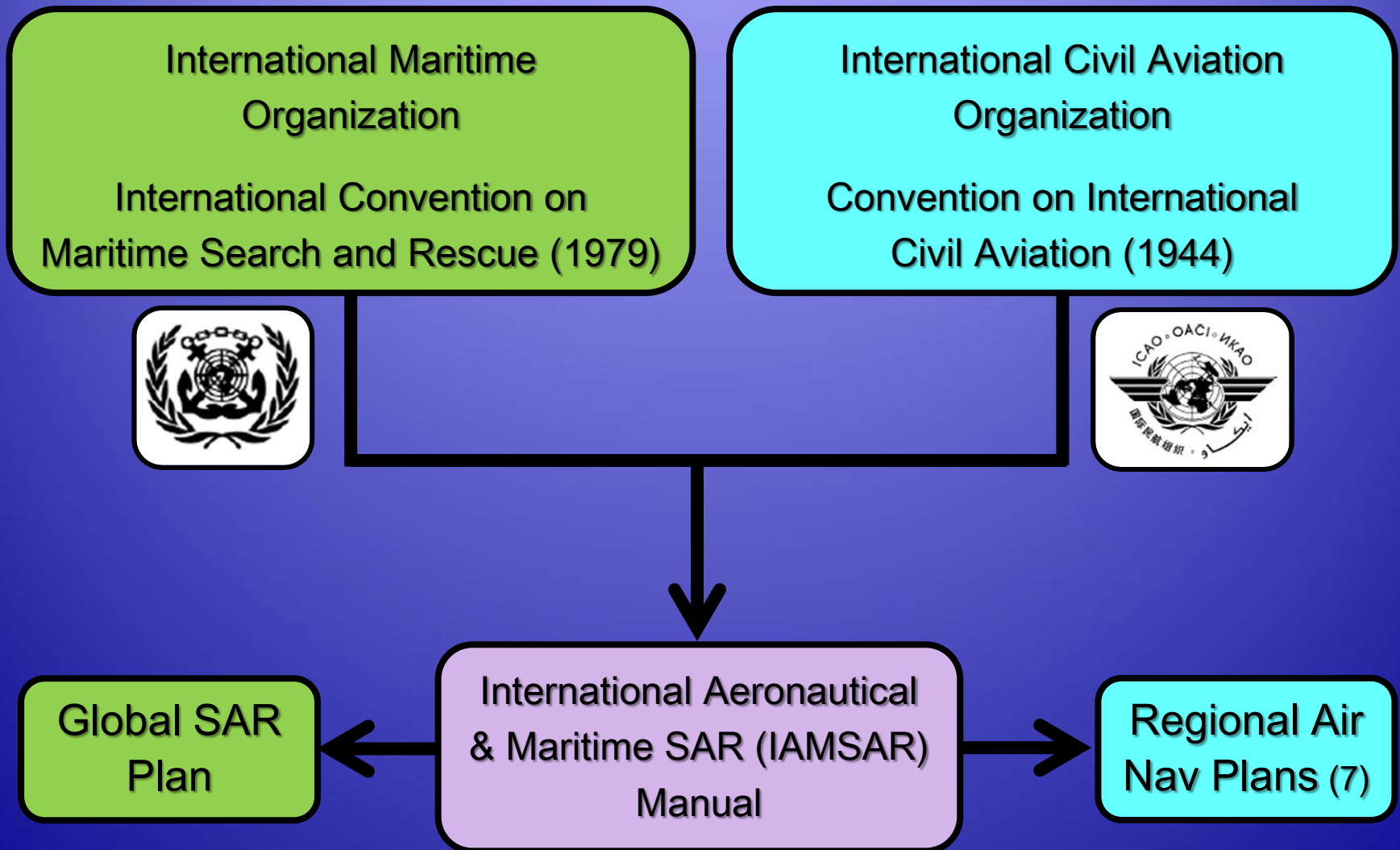


Harmonize aeronautical and maritime SAR services –
Your agencies serve your country!

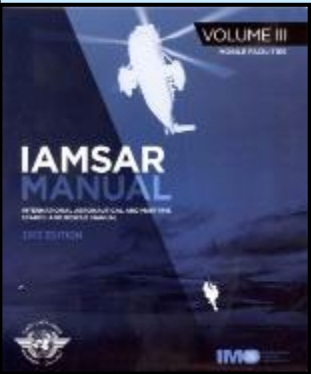
Global SAR System – a quick review

- ❑ 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

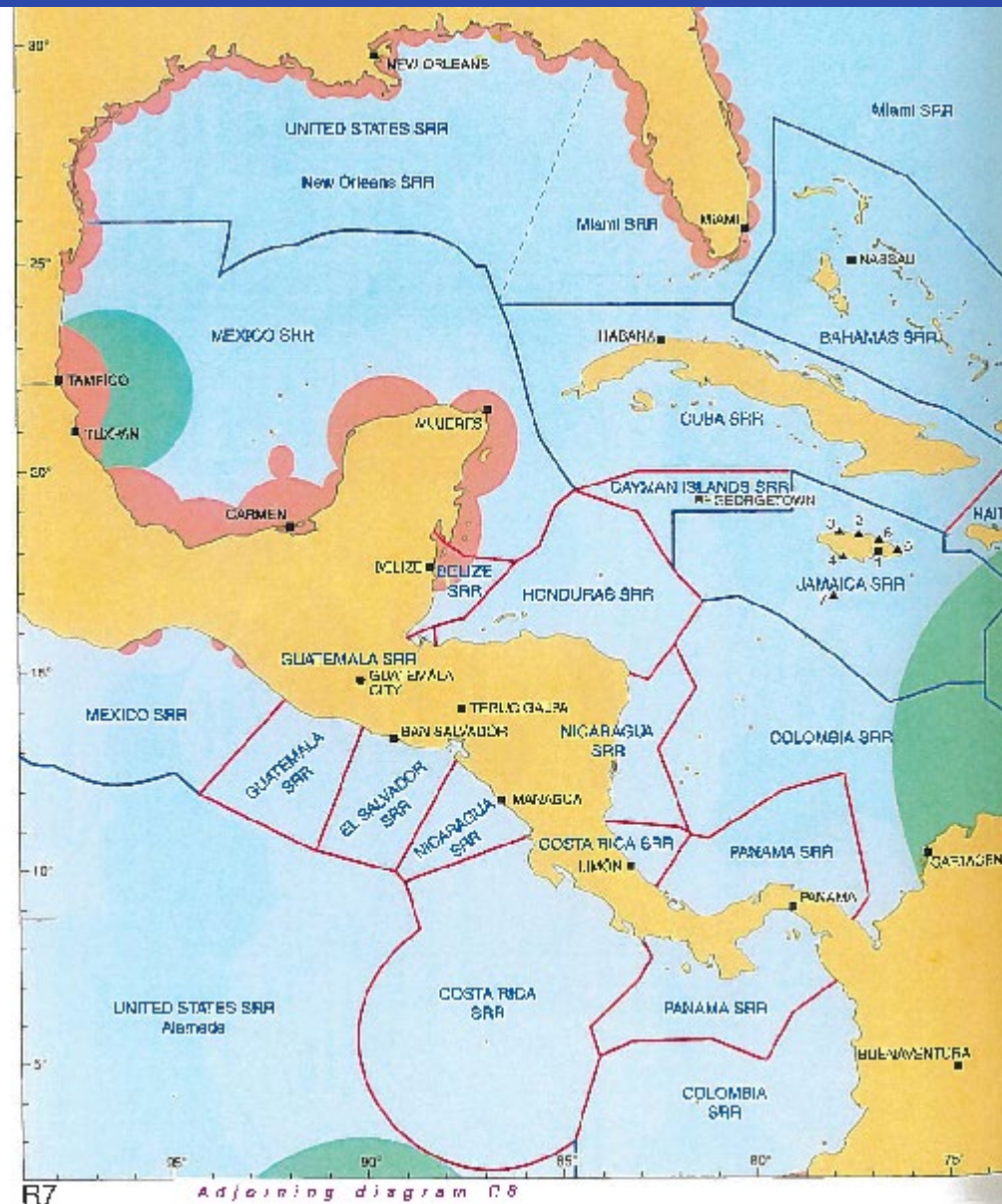


IAMSAR Manual is the basis for the Global and National SAR system

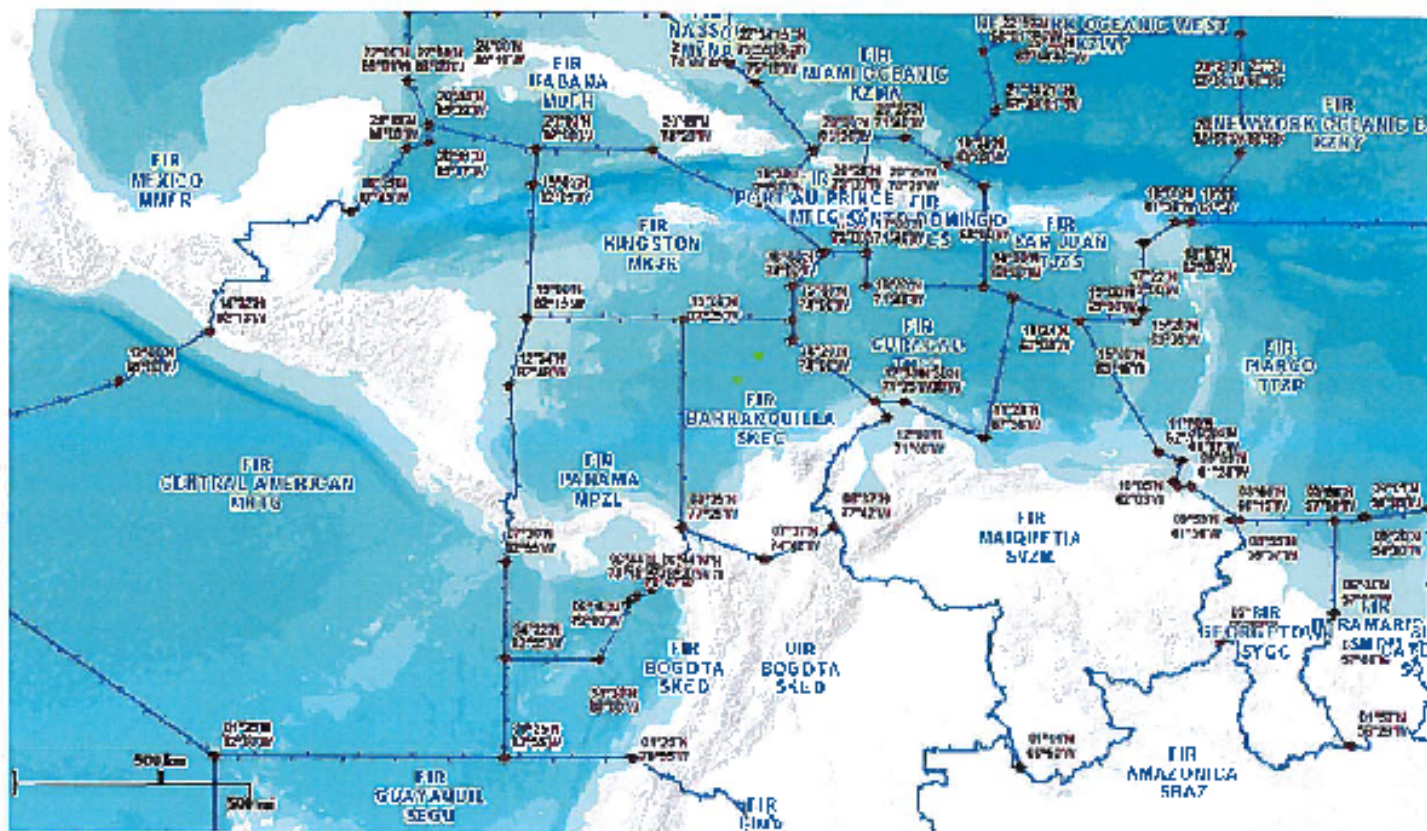


Annex 12

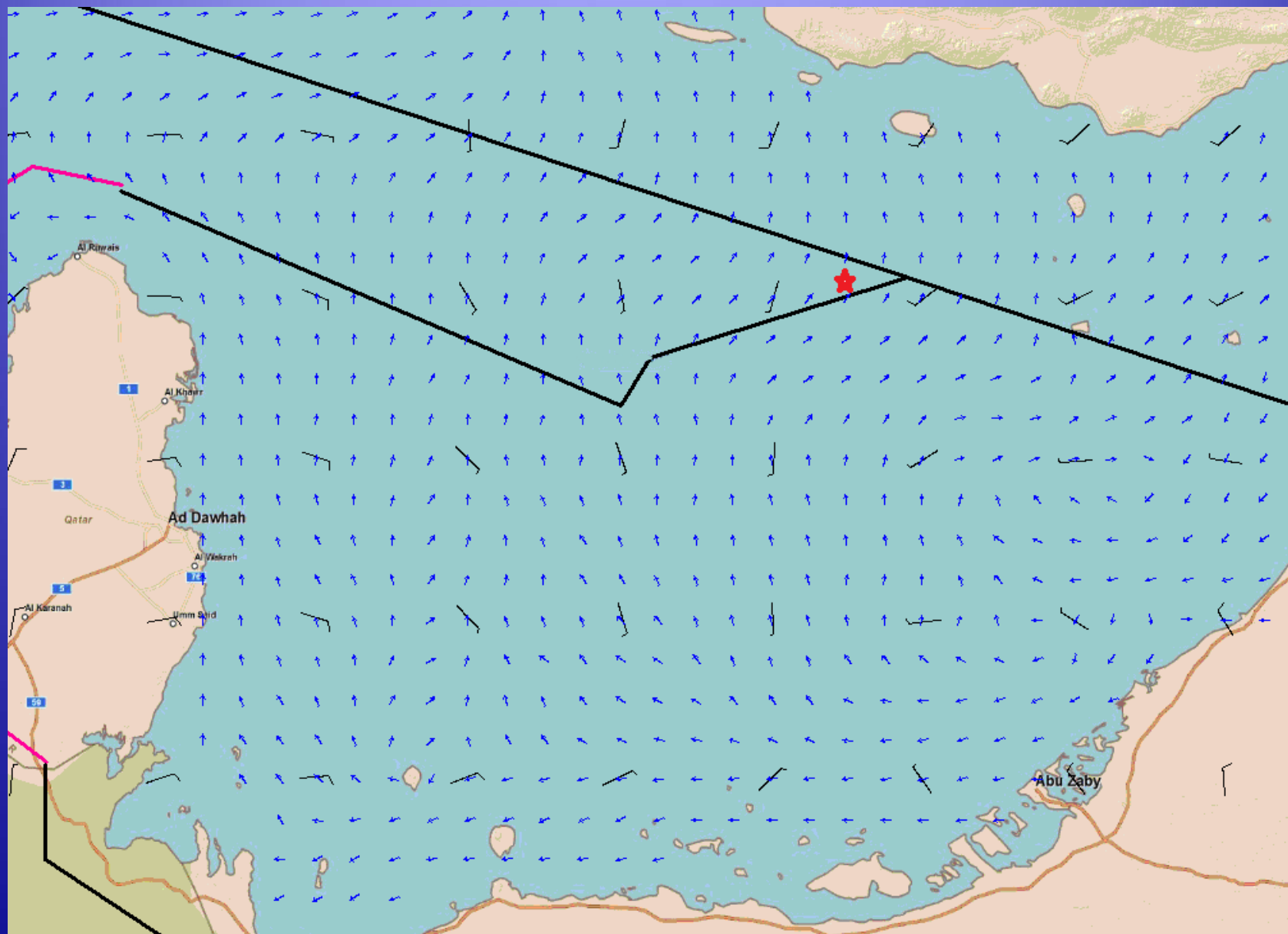
A map of the Pacific region, showing the western Pacific Ocean. The map includes the Japanese archipelago, the Philippines, and the Indonesian archipelago. A red box highlights the study area in the western Pacific, near Japan and the Philippines. The map is oriented with North at the top.



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



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Why/For que' Volume III as a basic guide for SAR implementation?

- ❑ Volume III is a blend of what the SAR Mission Coordinator (SMC) should provide based on Volume II **AND** how the response unit should respond.
- ❑ If search planning information is missing from (or for) the SMC then Volume III can provide basic search planning.

Why/Por que' Volume III as a basic guide for SAR implementation?

- ❑ Volume III has two purposes for the SAR responder:
 - performance of SAR or on-scene coordinator (OSC); and
 - their own emergencies
- ❑ We are talking only about performance of SAR or OSC.

SMC actions in Volume II and Volume III

- ❑ Volume II, Section 3.2 SAR stages
 - 5 SAR stages - second and third are key
 - ❑ (b) Initial action
 - ❑ (c) Planning
- ❑ Volume II, Section 3.3 Emergency phases
- ❑ What if you or OSC are to respond but do not have specific SMC guidance?
 - **Volume III, Section 9**

Key Volume III Sections

- ❑ 1 Overview of the SAR system
- ❑ 2 Distress alerts and messages
- ❑ 8 On-scene communications
- ❑ 9 On-scene coordinator
 - Duties, Situation reports (SITREP)
- ❑ 12 Searching
 - Search action plan message, search patterns

Key Volume III Sections

- ❑ Appendix B Search action message
- ❑ Appendix D Standard format for SAR situation report (SITREP)
- ❑ Action cards – in the back or placed into the sections

Volume III sections

- ❑ Section 1 Overview: already covered
- ❑ Section 2 Distress alerts and messages
 - Good to be aware of and use as a quick reference
- ❑ Section 3 Medical assistance: See action cards
- ❑ Section 8 On-scene communications
 - Excellent listing of radio frequencies
 - Vessel-Aircraft communications
 - RCC communications (how to contact the RCC)

Volume III Section 9

- ❑ Section 9 On-scene coordinator (OSC):
 - page 9-1, third bullet point “The first facility to arrive ...should assume OSC duties and...SMC
 - page 9-2, OSC duties and responsibilities:
 - “However, the OSC may still need to plan a search”
 - page 9-4 Action card “OSC” provides a summary
 - page 9-5 Situation reports (SITREP)
 - ❑ Appendix D but IAMSAR Volume II, Appendix I has more information and example

Volume III Section 12

□ Section 12 Searching

- page 12-1, Search action plan and message
 - SMC typically provides the search action plan
 - Appendix B Sample search action message
- pages 12-2 through 12-9 show how to do basic search planning
- pages 12-10 through 12-20 on primary search patterns and deciding which one to use
 - Action card on the four common search patterns

SAR Workshop

- ❑ This completes the general review of basic SAR concepts
- ❑ Tomorrow will be scenarios and facilitated discussion – You do most of the talking
- ❑ Focus is the Cospas-Sarsat 406 MHz message:
 - Do you receive only the 406 message and then do SMC planning and investigation
 - Do you automatically receive supporting information such as from COCESNA
 - Assistance from other RCCs, other agencies,

International Aeronautical and Maritime Search and Rescue (IAMSAR) Manual

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

