



United States Coast Guard Office of Search and Rescue



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THE INTERNATIONAL AERONAUTICAL AND MARITIME SEARCH AND RESCUE MANUAL

IAMSAR Manual

Presented by

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Office of Search and Rescue**



DUTY TO ASSIST

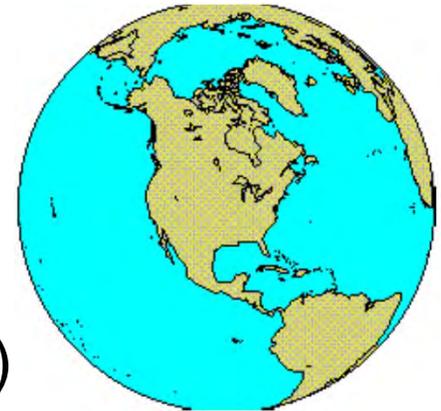
This international principle conveys that:

Vessels and aircraft have a duty to provide assistance to other vessels, aircraft or persons in distress, without regard to location, nationality or circumstances.



International SAR Agencies

- ❑ International Maritime Organization (IMO)
- ❑ International Civil Aviation Organization (ICAO)
 - Both are United Nations agencies
 - Both focus on SAFETY
 - Both develop global SAR plans, procedures, techniques and training for civil SAR
 - Both envision a “patchwork” of SAR Regions (SRRs) encompassing globe with rescue coordination centers responsible for assigned SRRs





International SAR Documents





IAMSAR Manual

□ PURPOSE

- New International Manual for Search and Rescue
 - Designed to harmonize aeronautical and maritime SAR:
 - Organization
 - Procedures
 - Equipment
 - Comprehensive manual using standardized terminology and functions to ease aeronautical and maritime SAR coordination



IAMSAR Manual

□ STATUS

- Approved by ICAO and IMO in May 1998
- Distribution / Availability from ICAO and IMO commenced summer 1999
- Initial Publication in English, French, Russian, Spanish by both ICAO & IMO
 - ICAO version also available in Arabic and will be available in Chinese



IAMSAR Manual

□ DESCRIPTION

- 3-volume Manual
 - Volume 1 - *Organization and Management*
 - Volume 2 - *Mission Coordination*
 - Volume 3 - *Mobile Facilities*
- Each Volume created for specific SAR system duties
- Each Volume can be used as “stand-alone” document or in conjunction with other two volumes



VOLUME 1 - *Organization and Management*

- ❑ **Purpose** - Discusses global SAR system concept, establishment and improvement of national and regional SAR system, and co-operation with neighboring nations to provide effective and economical SAR services

- ❑ **Primary User** - SAR System Managers



VOLUME 2 - *Mission Co-ordination*

- ❑ **Purpose** - To assist personnel who plan and co-ordinate SAR operations and exercises
- ❑ **Primary User** - Rescue Co-ordination Centers (RCCs) and Rescue Sub-centers (RSCs)



VOLUME 3 - *Mobile Facilities*

- ❑ **Purpose** - To assist vessels and aircraft with performance of search, rescue, or on-scene coordinator function - and with aspects of SAR that pertain to their own emergencies

- ❑ **Primary User** - Rescue units, civil aircraft and vessels



VOLUME 1 - *Organization and Management*

- **Chapter 1** - SAR system concept overview
- **Chapter 2** - SAR system key components
- **Chapter 3** - Training, qualification, certification
- **Chapter 4** - SAR organization communications
- **Chapter 5** - SAR system management
- **Chapter 6** - Factors for improvement of SAR services



VOLUME 2 - *Mission Co-ordination*

- **Chapter 1** - Focused view of SAR system concept
- **Chapter 2** - SAR communications specifics
- **Chapter 3** - 5 stages of SAR response
- **Chapter 4** - *Search planning and evaluation concepts*
- **Chapter 5** - Search techniques and operations
- **Chapter 6** - Rescue planning and operations
- **Chapter 7** - Emergency assistance other than SAR
- **Chapter 8** - Concluding SAR operations
- **Appendices** - *RCC Checklists, procedures, worksheets*



VOLUME 3 - *Mobile Facilities*

- **Section 1** - Overview of SAR information
- **Section 2** - SAR response facilities
- **Section 3** - On-scene co-ordinator (OSC) or aircraft co-ordinator (ACO) specific information
- **Section 4** - SAR information for vessels, aircraft or other craft in need of assistance
- **Appendices** - Specific information, forms and message formats for mobile facilities engaged in SAR operations



United States Implementation

- ❑ **National SAR co-ordinating committee responsible for organization of U.S. SAR services:**
 - **Developed new National SAR Plan which adopted the IAMSAR Manual in part as the U.S. National SAR Manual**
 - **Developed a National SAR Supplement which builds upon the IAMSAR Manual with U.S.-specific SAR information**
- ❑ **National SAR School is revising curriculum based on IAMSAR Manual and National SAR Supplement**