ICAO Inter-regional SAR Workshop 2016

Harmonization of Aeronautical and Maritime Search and Rescue

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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

International Maritime Organization
International Convention on Maritime Search and Rescue (1979)

International Civil Aviation Organization
Convention on International Civil Aviation (1944)

Global SAR Plan
International Aeronautical & Maritime SAR (IAMSAR) Manual
Regional Air Nav Plans (7)
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
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
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 ASEAN)
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!