



International (ICAO/IMO/GMDSS)

International Civil Aviation Organization (ICAO)
International Maritime Organization (IMO)

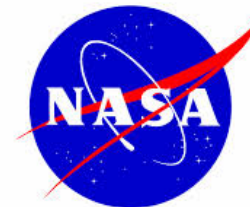
SAR Controllers Workshop 2022

April 26 – 28, 2022

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U.S. Coast Guard HQ SAR Office

International Engagement





ICAO, IMO and Our Hemisphere

- Questions – My job is to talk about what you want or need to hear.
 - If there is something on your mind, ask now
 - As you think of questions then please ask.
- If no questions, then I will talk the full time





ICAO, IMO and Our Hemisphere

- IAMSAR Manual – 2022 edition applicable 1 June 2022
 - At the printers, en route to book stores
 - Available [soon] for purchase through IMO and ICAO websites or book stores
 - CG-SAR willing to buy set for each JRCC and JRSC
 - Electronic or paper copy? But...
- 2025 edition – amendments started – Your ideas
 - Add, delete, overhaul...





ICAO, IMO and Our Hemisphere

- Regional meetings
 - ICAO Western Hemisphere, FEB 2022 ADT Workshop and SEP 2022 Regional SAR WG
 - Asia-Pacific SAR Working Group Meeting, 22-26 May 2022 Bangkok, Thailand VTC. [RCC Hono]
 - Both regions developed a regional “SAR Plan”
- ICAO/IMO Joint Working Group on SAR, 17-21 OCT 2022 In Senegal – **Topics to discuss, African POCs?**





Autonomous Distress Tracking (ADT)

- ADT will be implemented, it will not overwhelm the SAR system with false alerts.
- Equipped on certain long-haul aircraft, few incidents, false activation rate of 2 every 100K flight hours (rapid effort to fix the problem)
- ADT device provides another means of notification to RCC of potential distress.
- Aviation culture is that an ADT provides a 'notification' and initially at 'alert phase'.





Autonomous Distress Tracking (ADT)

- ADT concept was for ‘for a specific technology’ and the operator had to receive the position information.
- ICAO created a repository
- Aircraft manufacturers are installing the ELT(DT)
 - Could be other devices in the future but...
 - RCC notification from C-S and from the repository
- Late June 2022 should know if the 1 JAN 2023 implementation date will be delayed.
- ADT handout – Answer questions/creates questions





Autonomous Distress Tracking (ADT)

- Implementation of ADT focused attention on Air Traffic Service-to-RCC comms – **ACTION NOW**
- Coordinate with associated ATS/ATC for if/how current operational procedures may need to be revised (who/when initiate phone call)
- Have telephone and other contact details
- Area Control Center (ACC) may be the FAA focal point:
 - New York/ Oakland/Anchorage/Houston Oceanic





GMDSS and Other?

- Iridium providing satellite GMDSS services, including enhanced group calling (EGC)
 - LANT & PAC handling satellite distress alerts
 - EGC broadcast/SafetyCast and training
- EGC broadcasts on both Iridium and Inmarsat.
- Inmarsat SafetyNetII and RescueNet
- Anything else?
- Your views on Iridium comms in general