



SAR Service Considerations

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Preparatory Work for SAR Responder/Rescue Coordination Centre (RCC)

- Four main areas:
 - Location of an Aircraft in Distress Repository (LADR) subscription
 - IT requirements
 - RCC staff training
 - Engagement with associated ATSU, aircraft operator, etc

Location of an Aircraft in Distress Repository (LADR)

- Appropriate SAR authorities will be able to request for a free subscription to the LADR through the ICAO Ops Control Directory (<https://www4.icao.int/opsctrl>)
- To obtain access to OPS CTRL, the ICAO process requires that
 - a focal point eg: SAR Authority, SPOC, etc to request for an account

Note: ICAO has noted that functionality for RCCs is not available in the Ops Control Directory as yet. ICAO plans to send a State letter notifying SAR authorities when the functionality is available and access requests can be processed, expected in the August 2022 time frame



IT requirements

- Ensure your RCC has reliable 24/7 internet access
- LADR notification messages
 - ensure plan to configure RCC systems to allow receipt of LADR notifications
 - for email - flag LADR emails as a priority in the message queue
- Plan for other LADR communication paths (when ICAO makes these available) – AFTN, SMS, SWIM compliant message
- Configure ELT(DT) alert messages delivery to RCC system
- Upgrade Beacon Registers to cater for FGB and SGB with ELT(DT) capability

RCC Staff Training

- Familiarization with GADSS:
 - ensure staff has knowledge of GADSS
 - its 3 functions and the 2 LADR notification pathways (LADR and MCC)
- Procedures:
 - ensure staff know how to handle ADT notifications
 - alignment with Annex 11 and 12 procedures
 - understanding of ELT(DT) alert messages
 - handling of ADT notification involving cross boundary (FIR/SRR) incident
 - handling of ELT and ELT(DT) alert messages
- SAREX:
 - to test the system and procedures
 - involvement of RCC, ATSU, an airline operations centre, MCC, etc
 - ideally the SAREX should involve a neighbouring SRR, especially for cross-boundary (FIR/SRR) incidents



Engage with associated ATSUs, aircraft operator, etc

- As per Annex 12, pertaining to information received by RCC (from other sources), develop coordination process in handling ADT notifications:
 - with associated ATSU
 - with aircraft operator
 - with other rescue coordination centres, the help of which seems likely to be required, or which may be concerned in the operation (especially in cross boundary incident
 - agencies and other services, which are included in the plan of SAR operation and able to assist to



Further information

- ICAO GADSS Concept of Operations (CONOPS), Version 6.0
- Manual of Location of Aircraft in Distress and Flight Recorder Data Recovery (Doc 10054)
- Manual on the Functional Specifications for the LADR (Doc 10150)
- New GADSS Manual – currently under development
- IAMSAR Manual
- ICAO Secretariat, Montreal



Thank you

