



Activities Report

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TOPICS



- **Global Maritime Distress & Safety System (GMDSS)**
- **Correspondence Working Group On Homing & Intelligent Transmitting Schedule (HITS CWG)**
- **Other Items**





- **Global Maritime Distress & Safety System (GMDSS)**





EPIRBs Update



- **MSC Resolution 471(101), Performance Standards For EPIRBS, enters into effective on 01 JULY 2022**
 - Required consequential changes in other documents
- **NCSR 8 in February 2021 will finalize:**
 - MSC.1/Circ.1039/Rev.1 – Guidelines for Shore-based Maintenance of Satellite EPIRBs
 - MSC.1/Circ.1040/Rev.2 – Guidelines on Annual Testing of 406 MHz Satellite EPIRBs





GMDSS Modernization



- **IMO/ITU Experts Group (EG-16) completed a review & update of Voyage Data Recorder Standards to reflect MSC.471(101) Requirements**
 - Submitting to NCSR 8 in February 2021
 - MSC.163(78), Performance standards for shipborne simplified voyage data recorders (S-VDRs)
 - MSC.333(90), Adoption of revised performance standards for shipborne voyage data recorders (VDRs)





GMDSS Related Item



- **IEC Maintenance Team Updated IEC 61097-2 to Align with & Reflect MSC.471(101)**
 - Committee Draft for Vote of 61097-2 ED-4 Released in September 2020
 - Comments Due in December 2020
 - Goal to Publish by July 2021





GMDSS Related Item



- **RTCM SC110 to begin Review and Update of RTCM 11000.4 Standard**
 - Align with both MSC.471 & IEC 61097.2 ED-4
 - Once approved, Petition to FCC to update CFR 47, addressing MSC.471 and RTCM updated Standards
 - USCG supporting this effort





GMDSS Developments



- **Iridium working with USCG for implementation of Iridium GMDSS Service.**
 - USCG RCC Norfolk to serve as Associated RCC for world-wide coverage; RCC Alameda serves as back-up
 - Developing process & procedures to introduce additional associated RCCs.
 - Initial Operational Capability (IOC) targeted for end of October
 - Australia, New Zealand & the United Kingdom working to become Iridium Associated RCCs after IOC.
- **USCG Investigating NAVDAT as an alternative to NAVTEX**





- **Homing & Intelligent Transmitting Schedule Correspondence Working Group (HITS-CWG)**





HITS CWG



- **406 MHz Homing Signal Development**
 - No C/S Consensus on Requirements
 - 121.5 MHz Homing – Universal Agreement to Retain
 - Temporary hold on CWG work - No new developments
- **USCG exploring updates to Aircraft DF Systems for SGB Detection/Homing**





- **Other Items**





ICAO/IMO JWG-SAR



- **ICAO/IMO Joint Working Group On Search & Rescue to Meet 11-16 October 2020**
 - Topics Include:
 - Amendments to Annex 12
 - Aircraft Tracking Information & Distress Report Coordination
 - Aircraft to Ship Distress Communications
 - GADSS Related Updates to IAMSAR Manual, 2022 Edition





Other Items



- **GADSS Location Of An Aircraft In Distress Repository (LADR):**
 - Secure Storage Facility for Position/Location Data of Aircraft in Distress or Potentially in Distress
 - Supports timely access by stakeholders (Operator, ATSU, RCC & Others) to Aircraft Event Data
 - Not an Alerting Means
 - ICAO and developer **Snowflake** hosting LADR Workshops to define/develop interface
 - USCG participating in Workshops and supporting SAR interests





Questions?

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