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| U.S. Radiocommunications SectorFact Sheet |
| **Working Party:** ITU-R WP 5B | **Document No:** USWP5B31-21 |
| **Ref:** ITU-R [Resolution 36-5 (2019)](https://view.officeapps.live.com/op/view.aspx?src=https%3A%2F%2Fwww.itu.int%2Fdms_pub%2Fitu-r%2Fopb%2Fres%2FR-RES-R.36-5-2019-MSW-E.docx&wdOrigin=BROWSELINK) | **Date:** March 9, 2023 |
| **Document Title:** Proposed draft liaison statement to the coordination committee for vocabulary (ccv) |
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| **Purpose/Objective:** This contribution proposes to develop a draft liaison statement at the WP 5B level to the CCV. |
| **Abstract:** This contribution proposes to develop a draft liaison statement at the WP 5B level to the CCV. It collects both the abbreviations and definitions approved by WP 5B in the ITU-R Recommendations submitted to SG5. The information covers all approved documents under WP 5B in the WRC-23 study cycle.  |

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| **Radiocommunication Study Groups** | Logo  Description automatically generated |
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| Source: Document 5B/xxSubject: ITU-R [Resolution 36-5 (2019)](https://view.officeapps.live.com/op/view.aspx?src=https%3A%2F%2Fwww.itu.int%2Fdms_pub%2Fitu-r%2Fopb%2Fres%2FR-RES-R.36-5-2019-MSW-E.docx&wdOrigin=BROWSELINK) | **Document 5B/xx-x** |
| **10 July 2023** |
| **English only** |
| Working Party 5B |
| liaison statement to the Coordination Committeefor Vocabulary (CCV) |
|  TERMINOLOGY and ASSOCIATED DEFINITIONS produced During Review of RECOMMENDATIONS approved by SG 5 from the WP 5B during 2020-2022 |

Working Party 5B (WP 5B) has begun the review of ITU-R series recommendations approved by SG 5 from the WP 5B during 2020-2022 within its responsibility for terminology that could be considered by the CCV. The results of the initial review are provided in multiple lists in the attached Annex 1. The lists in Annex 1 are derived from a review of published Recommendations terminology and associated definitions from the perspective of aeronautical, maritime and radiolocation services. WP 5B requests that the CCV considers this list when updating the appropriate documentation and databases on terminology.

Working Party 5B will continue to review terminology and associated definitions that are produced and provide these to the CCV for consideration.

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| **Status:** For action of the CCV |  |
| **Contact:** Nicholas Shrout | **E-mail:** NJS@asri.aero |

**Annex:** 1

ANNEX 1

List of Terminology used in the M-Series of ITU-R Recommendations related to aeronautical, maritime and radiolocation services.

**Introduction**

The M**-**Series of ITU-R Recommendations published during the WRC-23 cycle were reviewed with the intent of finding terminology unique to aeronautical, maritime, and radiolocation services for consideration by the CCV. The provided terminology is not present in the ITU Terms and Definitions Database.

# Terminology and definitions

**[Recommendation M.1798-2 : Characteristics of HF radio equipment for the exchange of digital data and electronic mail in the maritime mobile service](https://www.itu.int/rec/R-REC-M.1798-2-202102-I/en)**

|  |  |
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| Access provider | Company which proposes a connection to IPBC radio network to customer |
| Acknowledge receipt (ACK) | (No definition provided - abbreviation only) |
| Constant length (CL) | (No definition provided - abbreviation only) |
| Communication manager (CM) | (No definition provided - abbreviation only) |
| Code rate (CR) | (No definition provided - abbreviation only) |
| Coastal radio stations (CRSs) | (No definition provided - abbreviation only) |
| Control signals (CS) | (No definition provided - abbreviation only) |
| Global link network (GLN) | (No definition provided - abbreviation only) |
| Internet protocol for boat communication (IPBC) | (No definition provided - abbreviation only) |
| IPBC radio network | Radio network achieved by whole of the radio cells dedicated for IPBC traffic |
| Information-receiving station (IRS) | (No definition provided - abbreviation only) |
| Information-sending station (ISS) | (No definition provided - abbreviation only) |
| Not acknowledged (NAK) | (No definition provided - abbreviation only) |
| Navigational area (NAVAREA) | (No definition provided - abbreviation only) |
| Network control centre (NCC) | (No definition provided - abbreviation only) |
| Pactor IP-Bridge (PIB) | (No definition provided - abbreviation only) |
| Pseudo-Markov compression (PMC) | (No definition provided - abbreviation only) |
| Radio cell | Radio electric coverage area for a transmitter of a coast station, and for a radio transmission channel in an HF maritime sub-band |
| Radio transmission channel | Physical support which allows data transport; this support is characterized by a central frequency in a maritime HF sub-band and a bandwidth of 10‑20 kHz. |
| Speed levels (SLs) | (No definition provided - abbreviation only) |

**[Recommendation M.1465-4 : Characteristics of and protection criteria for radars operating in the radiodetermination service in the frequency range 3 100-3 700 MHz](https://www.itu.int/rec/R-REC-M.1465-4-202202-I/en)**

|  |  |
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| Continuous-phase frequency shift keying (CPFSK) | (No definition provided - abbreviation only) |

**[Recommendation M.1796-3 : Characteristics of and protection criteria for radars operating in the radiodetermination service in the frequency band 8 500-10 680 MHz](https://www.itu.int/rec/R-REC-M.1796-3-202202-I/en)**

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| Detect and avoid (DAA) | (No definition provided - abbreviation only) |
| Radar cross-section (RCS) | (No definition provided - abbreviation only) |
| Synthetic aperture radar (SAR) | (No definition provided - abbreviation only) |
| Search and rescue transponder (SART) | (No definition provided - abbreviation only) |
| Weather avoidance (WA) | (No definition provided - abbreviation only) |
| Wind-shear detection (WS) | (No definition provided - abbreviation only) |

**[Recommendation M.2092-1 : Technical characteristics for a VHF data exchange system in the VHF maritime mobile band](https://www.itu.int/rec/R-REC-M.2092-1-202202-I/en)**

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| Announcement signalling channel (ASC) | (No definition provided - abbreviation only) |
| Application-specific messages (ASM) | (No definition provided - abbreviation only) |
| Bulletin board (BB) | (No definition provided - abbreviation only) |
| Bulletin board signalling channel (BBSC) | (No definition provided - abbreviation only) |
| Bandwidth-time (BT) | (No definition provided - abbreviation only) |
| Certificate authority (CA) | (No definition provided - abbreviation only) |
| Carrier to multipath (C/M) | (No definition provided - abbreviation only) |
| Designated area code (DAC) | (No definition provided - abbreviation only) |
| Data link service (DLS) | (No definition provided - abbreviation only) |
| Data signalling channel (DSCH) | (No definition provided - abbreviation only) |
| End delivery notification (EDN) | (No definition provided - abbreviation only) |
| Fixed access time-division multiple access (FATDMA) | (No definition provided - abbreviation only) |
| Link config ID (LCID) | (No definition provided - abbreviation only) |
| Link management entity (LME) | (No definition provided - abbreviation only) |
| Multiple incremental time division multiple access (MITDMA) | (No definition provided - abbreviation only) |
| Physical channel number (PCN) | (No definition provided - abbreviation only) |
| Presentation interface (PI) | (No definition provided - abbreviation only) |
| Random access channel (RAC) | (No definition provided - abbreviation only) |
| Random access time-division multiple access (RATDMA) | (No definition provided - abbreviation only) |
| Ranging channel (RC) | (No definition provided - abbreviation only) |
| Recursive systematic convolutional (RSC) | (No definition provided - abbreviation only) |
| Selection interval (SI) | (No definition provided - abbreviation only) |
| Terrestrial bulletin board (TBB) | (No definition provided - abbreviation only) |
| VHF data exchange system (VDES) | (No definition provided - abbreviation only) |
| VHF data exchange-satellite (VDE-SAT) | (No definition provided - abbreviation only) |
| VHF data exchange-terrestrial (VDE-ER) | (No definition provided - abbreviation only) |
| VHF data link (VDL) | (No definition provided - abbreviation only) |

**[Recommendation M.2135-1 : Technical characteristics of autonomous maritime radio devices operating in the frequency band 156-162.05 MHz](https://www.itu.int/rec/R-REC-M.2135-1-202302-I/en)**

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| Mobile Aid to Navigation (MAtoN) | (No definition provided - abbreviation only) |
| International Convention for the Safety of Life at Sea (SOLAS) | (No definition provided - abbreviation only) |

**[Recommendation M.585-9 : Assignment and use of identities in the maritime mobile service](https://www.itu.int/rec/R-REC-M.585-9-202205-I/en)**

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| AIS search and rescue transmitter (AIS-SART) | (No definition provided - abbreviation only) |
| Autonomous maritime radio devices (AMRD) | (No definition provided - abbreviation only) |
| Aids to navigation (AtoN) | (No definition provided - abbreviation only) |
| Maritime mobile Access and Retrieval System (MARS) | (No definition provided - abbreviation only) |
| Man overboard (MOB) | (No definition provided - abbreviation only) |
| Search and rescue (SAR) | (No definition provided - abbreviation only) |

**[Recommendation M.2058-1 : Characteristics of a digital system, referred to as navigational data for broadcasting maritime safety and security related information from shore-to-ship in the maritime HF frequency band](https://www.itu.int/rec/R-REC-M.2058-1-202302-I/en)**

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| Control and display unit (CDU) | (No definition provided - abbreviation only) |
| Digital radio mondial (DRM) | (No definition provided - abbreviation only) |
| Data stream (DS) | (No definition provided - abbreviation only) |
| Galois field or finite field (GF) | (No definition provided - abbreviation only) |
| Modulation information stream (MIS) | (No definition provided - abbreviation only) |
| Navigational Data (NAVDAT) | System name |
| Navigational Telex (NAVTEX) | System name |
| System of information and Management (SIM) | (No definition provided - abbreviation only) |
| Transmitter information stream (TIS) | (No definition provided - abbreviation only) |

**[Recommendation M.2010-2 : Characteristics of a digital system, referred to as navigational data for broadcasting maritime safety and security related information from shore-to-ship in the 500 kHz band](https://www.itu.int/rec/R-REC-M.2010-2-202302-I/en)**

|  |  |
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| Electronic chart and display information system (ECIDS) | (No definition provided - abbreviation only) |

**[Recommendation M.1849-3 : Technical and operational aspects of ground-based meteorological radars](https://www.itu.int/rec/R-REC-M.1849-3-202302-I/en)**

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| --- | --- |
| Centre for collaborative adaptive sensing of the atmosphere (CASA) | (No definition provided - abbreviation only) |
| Carrier Wave (CW) | (No definition provided - abbreviation only) |
| Frequency modulated (FM) | (No definition provided - abbreviation only) |

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