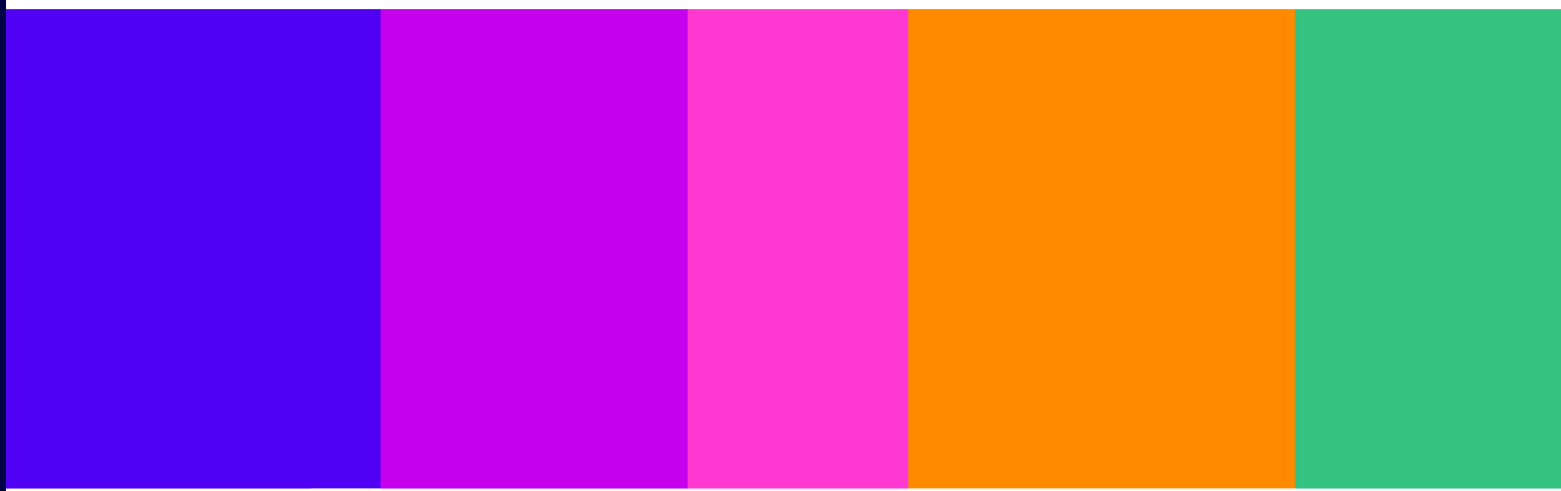


UK Interface Requirement (IR) 2113

Autonomous Maritime Radio Devices
(AMRD) operating in the frequency band
156-162.05 MHz

Published 8 April 2026



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1. References

ITU-R Recommendation M.2135-1 Technical characteristics of autonomous maritime radio devices operating in the frequency band 156-162.05 MHz

ECC/DEC/(22)02 of 1 July 2022 on regulation to operate Autonomous Maritime Radio Devices (AMRD) in CEPT

2. Foreword

- 2.1 This UK Interface Requirement contains the requirements for the authorisation and use of Autonomous Maritime Radio Devices (AMRD).
- 2.2 It is required by the Wireless Telegraphy Act 2006 that no radio equipment is installed or used in the UK except under the authority of a licence granted by or otherwise exempted by regulations made by Ofcom. It is a condition of such a licence or exemption regulations as appropriate that, in order to be installed or used in the UK, the equipment must meet the minimum requirements specified in this UK Interface Requirement for the stated equipment types and for the stated frequency bands.
- 2.3 Nothing in this UK Interface Requirement shall preclude equipment from being placed on the market in the UK that complies with the 'essential requirements' specified in Radio Equipment Regulations 2017 (SI 2017/1206).
- 2.4 The requirements given in the main body of this UK Radio Interface Requirement will apply to AMRD equipment.
- 2.5 This UK Radio Interface Requirement will be revised as necessary, for example to follow:
 - a) current technology developments for reasons related to the effective and appropriate use of the spectrum in particular maximising spectrum utilisation; and
 - b) changes to the available spectrum allocated for AMRD.
- 2.6 All UK Radio Interface Requirements will be published and will be made available free of charge from the Ofcom website at <http://www.ofcom.org.uk>.
- 2.7 Further information on this UK Radio Interface Requirement can be obtained from the technical enquiry contact given at the back of this document.

3. Minimum requirements for operation within the UK

- 3.1 The minimum requirements in this document are made for reasons related to the effective and appropriate use of the radio spectrum, in particular maximising spectrum utilisation.
- 3.2 This UK Radio Interface Requirement gives a high-level description of how the spectrum in the UK is used for AMRD. It does not prescribe technical interpretation of the 'essential requirements' of Radio Equipment Regulations 2017 (SI 2017/1206).
- 3.3 This UK Radio Interface Requirement therefore stipulates the necessary equipment parameters for the authorisation of AMRD in the UK. Table 3.1 contains the relevant equipment parameters. These taken together with the 'essential requirements' detailed in the Radio Equipment Regulations 2017 (SI 2017/1206) constitute the minimum requirements for AMRD within the UK.
- 3.4 Nothing in this UK Interface Requirement shall preclude equipment from being placed on the market in the UK that complies with the 'essential requirements' specified in Radio Equipment Regulations 2017 (SI 2017/1206).
- 3.5 The technical parameters specified in the UK Radio Interface Requirement are applied to achieve the desired level of compatibility within the spectrum for AMRD and with other radiocommunications services, whilst promoting enterprise, innovation and competition.
- 3.6 This UK Radio Interface requirement provides the necessary technical information which facilitates access to spectrum by making clear the assumptions that are made in planning the use of the spectrum for AMRD in the UK. It is not the intention of this UK Radio Interface Requirement to duplicate or impose any additional 'essential requirements' of the Radio Equipment Regulations 2017 (SI 2017/1206). Any specified parameters within this document are for the purpose of identifying product options and not as a national de facto product requirement.

Table 3.1: Minimum requirements for the use of Group B (not used for the purpose of safety of navigation) AMRD equipment

Mandatory (1 – 10)	
1. Radiocommunication Service	Mobile except aeronautical mobile
2. Application	AMRD 'Group B'
3. Frequency band(s)	160.8875 to 160.9125 MHz (centred on 160.9 MHz (Channel 2006))
4. Channelling	
5. Modulation / Occupied bandwidth	
6. Direction / Separation	
7. Maximum Mean Transmit Power	100 mW EIRP
8. Channel access and occupation rules	
9. Authorisation regime	Licence exempt
10. Additional essential requirements	Maximum antenna height above sea level of 1 metre. Must not be used for the purpose of safety of navigation . Note that VHF channel 2006 (160.900 MHz) is not actively monitored by general shipping or coast stations as part of GMDSS.
Informative (11 – 15)	
11. Frequency planning assumptions	
12. Planned changes	
13. Reference	
14. Remarks	Must only use MMSI number provided by the manufacturer of the AMRD equipment.

4. Additional performance parameters

Informative

- 4.1 This channel will not be monitored by general shipping or coast stations as part of GMDSS. This channel is designated for AMRD Group B applications. This channel may be monitored by e.g. fishermen, divers, operators of windfarms, etc.

5. Contact details

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6. Document history

Version	Date	Changes
1.0	April 2026	Published