

## UK Interface Requirement 2032

**Transmission of differential correction signals  
of global navigation satellite systems (DGNSS)  
from maritime radio stations in the frequency  
bands 162.4375 MHz -162.4625 MHz and  
163.0125 MHz -163.03125 MHz**

**Publication date:** June 2005  
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**2015/1535/EU Notification number:** 2000/255/UK



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## Section 1

# References

1.1 None Specified

## Section 2

# Foreword

- 2.1 The Radio Directive (Directive 2014/53/EU) was implemented in the United Kingdom (UK) by the Radio Equipment Regulations 2017. In accordance with Articles 8 and 7 of Directive 2014/53/EU, this UK Interface Requirement contains the requirements for the licensing and use of coastal radio stations transmitting DGNSS signals in the specified frequency bands.
- 2.2 Nothing in this UK Radio Interface Requirement shall preclude the need for equipment to comply with Directive 2014/53/EU.
- 2.3 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 the equipment must meet the minimum requirements specified in this UK Interface Requirement for the stated equipment types and for the stated frequency bands.
- 2.4 The requirements given in the main body of this UK Radio Interface Requirement will apply to the licensing of licensing of coastal radio stations transmitting DGNSS signals in the Frequency Bands 162.4375-162.4625 and 163.0125-63.03125 MHz.
- 2.5 This UK Radio Interface Requirement will be revised as necessary, for example to follow:
  - i) current technology developments for reasons related to the effective and appropriate use of the spectrum in particular maximising spectrum utilisation; and
  - ii) changes to the available spectrum allocated for coastal radio stations transmitting DGNSS signals in the Frequency Bands 162.4375-162.4625 and 163.0125-163.03125 MHz.
- 2.6 All UK Radio Interface Requirements notified under Directive 2015/1535/EU will be published and will be made available free of charge from the Ofcom web-site 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.

## Section 3

# Minimum equipment 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 coastal radio stations transmitting DGNSS signals in the Frequency Bands 162.4375-162.4625 and 163.0125-163.03125 MHz. It does not prescribe technical interpretation of the 'essential requirements' of Directive 2014/53/EU.
- 3.3 This UK Radio Interface Requirement therefore stipulates the necessary equipment parameters for the licensing of coastal radio stations transmitting DGNSS signals in the Frequency Bands 162.4375-162.4625 and 163.0125-163.03125 MHz in the UK. Table 3.1 contains the relevant equipment parameters. These together with the 'essential requirements' detailed in Article 3.2 of Directive 2014/53/EU constitute the minimum equipment requirements for coastal radio stations transmitting DGNSS signals in the Frequency Bands 162.4375-162.4625 and 163.0125-163.03125 MHz within the UK.
- 3.4 The technical parameters specified in the UK radio Interface Requirement are applied to achieve the desired level of compatibility within the Frequency Bands 162.4375 -162.4625 and 163.0125 -163.03125 MHz and with other radiocommunications services, whilst promoting enterprise, innovation and competition.
- 3.5 This UK Radio Interface requirement provides the necessary technical information which facilitates access to the maritime radionavigation spectrum by making clear the assumptions that are made in planning the use of the maritime radionavigation spectrum in the UK. It is not the intention of this UK Radio Interface Requirement to duplicate or impose any additional 'essential requirements' of the Directive 2014/53/EU on products. 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 equipment requirements for transmission of differential correction signals of global navigation satellite systems (DGNSS) from maritime radio stations**

1	Frequency band (or bands)	162.4375 MHz - 162.4625 MHz and 163.0125 MHz - 163.03125 MHz
2	Radio service	Maritime Radionavigation
3	Application	Maritime Navigational Aids, Automatic Identification Systems (AIS) and Radar Licence
4	Channelling modulation	12.5 kHz, F1D, G1D
5	Maximum transmit power limit	25W
6	Channel occupation rules	N/A
7	Duplex type/separation	N/A
8	Licensing Regime	Maritime Navigational Aids, Automatic Identification Systems (AIS) and Radar Licence
9	Additional essential requirements	N/A
10	Frequency planning assumptions	N/A
11	Reference	N/A
12	Remarks	N/A
13	Notification Number	2000/255/UK



**Section 4**

# Additional performance parameters

**(informative)**

None specified

## Section 5

# Contact details

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## Section 6

# Document history

Version	Date	Changes
1.0	04 Jan 2001	Publication
1.1		Rebranding to Ofcom format.
1.2	January 2018	Replaced R&TTE Directive 1999/5/EC and Directive 98/34/EC with Radio Equipment Directive and Directive (EU) 2015/1535 respectively. Minor editorials