



Maritime and Coastguard Agency

MERCHANT SHIPPING NOTICE

MSN 1809 (F)

Standards of Performance of Radio Equipment required by the Merchant Shipping (Radio) (Fishing Vessels) Regulations 1999

Notice to all owners and skippers of fishing vessels, and suppliers of radio equipment to fishing vessels

This notice replaces Merchant Shipping Notice 1728

This Merchant Shipping Notice is an integral part of the Merchant Shipping (Radio) (Fishing Vessels) Regulations 1999

PLEASE NOTE:-

Where this document provides guidance on the law it should not be regarded as definitive. The way the law applies to any particular case can vary according to circumstances - for example, from vessel to vessel and you should consider seeking independent legal advice if you are unsure of your own legal position.

Summary

This notice specifies the performance standard for radio equipment required to be fitted to ships.

Key Notes:

1. This Notice should be read in conjunction with the Merchant Shipping (Radio) (Fishing Vessels) Regulations 1999.
2. The standards for equipment installed on European Union vessels covered by Part II of the Regulations (Directive Vessels) are specified in Annex 1 to this notice unless the equipment complies with the requirements of the Merchant Shipping (Marine Equipment Directive) Regulations, 1999.
3. The International Maritime Organization (IMO) standards for equipment installed on non-European Union Vessels covered by Part V of the Regulations (Directive Vessels) are specified in Annex 1 to this notice.
4. The standards for equipment installed on UK fishing vessels covered by Part III of the Regulations (non-Directive vessels) are specified in Annex 2 to this notice.

Summary – continued

5. This notice details the transitional provisions relating to the application of these performance standards.
6. This notice does not apply to those vessels complying with the Merchant Shipping (Radio) (Fishing Vessels) Rules 1974.
7. Equipment listed in, and complying with the Merchant Shipping (Marine Equipment Directive) Regulations, 1999, when placed on board a fishing vessel to comply with the provisions of the Merchant Shipping (Radio) (Fishing Vessels) Regulations, 1999, is automatically considered to be in conformity with Regulation 6(1) of the latter.

1. The Merchant Shipping (Radio) (Fishing Vessels) Regulations 1999 came into force on 1 January 2000.

2. In accordance with Regulation 6(1) of these Regulations, all equipment provided to comply with these Regulations must conform with relevant performance standards as specified in this Notice.

3. In the case of a fishing vessel of a Member State of the European Union required to comply with Part II of the Regulations, the relevant performance standards are those specified in Annex 1. These standards are in full agreement with the relevant Resolutions of the IMO and, unless indicated otherwise, are adopted as European Standards. Equipment complying with the requirements of the Merchant Shipping (Marine Equipment Directive) Regulations, 1999, as they may be amended from time-to-time, is considered to be compliant with the performance standards specified in Annex 1.

4. In the case of United Kingdom fishing vessels required to comply with Part III of these Regulations (non-Directive Vessels), the relevant performance standards are those specified in Annex 2.

5. In the case of non-European Union Directive Vessels required to comply with Part V of these Regulations, all equipment fitted shall be type approved by the relevant Administration and conform to appropriate performance standards not inferior to those adopted by the Organization through Resolution as specified in Annex 1.

Transitional Provisions

6. Unless stated otherwise, nothing in these Regulations or this Notice requires equipment installed on fishing vessels prior to the date of application of the Regulations to comply with the specified performance standard, provided this equipment is compatible with equipment complying with these performance standards.

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Standards of Performance for marine radio equipment to be installed on European Union Directive (Fishing) Vessels¹

Equipment	IMO Resolution Number	Sub-system	Specification(s) ^{2,3,4}
Narrow-band direct-printing telegraph equipment for the reception of navigational and meteorological warnings and urgent information to ships (NAVTEX)	A.525(13) and Revised by MSC 148(77)	Not applicable	ETS 300 065
Narrow-band direct-printing telegraph equipment for the reception of navigational and meteorological warnings and urgent information to ships (MSI) by HF	A.700(17)	Not applicable	ETS 300 065
Ship earth stations capable of two-way communications (INMARSAT-A and INMARSAT-B)	A.808(19)	Not applicable	INMARSAT ⁵
Performance standards for float-free release and activation arrangements for emergency radio equipment	A.662(16)	Not applicable	Specification incorporated in equipment standards
Performance standards for enhanced group call equipment	A.664(16)	Not applicable	Specification incorporated in equipment standards
Survival craft radar transponders for use in search and rescue operations	A.802(19)	Not applicable	BS EN 61097-1: 1993 or ETS 300 151
Shipborne VHF radio installations capable of voice communication and digital selective calling	A.803(19) Amended by MSC 68(68)	Transceiver Facility (Fixed)	ETS 300 162 Second Edition
		Digital Selective Calling Facility	ETS 300 338
Shipborne MF radio installations capable of voice communication and digital selective calling	A.804(19) Amended by MSC 68(68)	Watchkeeping Facility	EN 301 003 ⁶
		Transceiver Facility	ETS 300 373
		Digital Selective Calling Facility	ETS 300 338
Shipborne MF / HF radio installations capable of voice communication, narrow-band direct-printing and digital selective calling	A.806(19) Amended by MSC 68(68)	Watchkeeping Facility	EN 301 033 ⁶
		Transceiver Facility	ETS 300 373
		Digital Selective Calling Facility	ETS 300 338
		Narrow Band Direct Printing Facility	ETS 300 067

		Watchkeeping Facility	ETS 300 301 0336
Float-free VHF emergency position-indicating radio beacons (EPIRBs)	A.805(19)	Not applicable	Refer to MCA
INMARSAT-C ship earth station capable of transmitting and receiving direct printing communications	A.807(19) Amended by MSC 68(68)	Not applicable	ETS 300 460s
Performance standard for survival craft two-way VHF radiotelephone apparatus	A.809(19) Revised by MSC 149(77)	Not applicable	ETS 300 225 Third Edition
Float-free satellite emergency position-indicating radio beacons (EPIRBs) operating on 406 MHz	A.810(19) Amended by MSC 56(66) and 120(74)	Not applicable	ETS 300 066 Second Edition
Performance standards for a shipborne integrated radiocommunications system (IRCS) when used in the GMDSS	A.811(19)		Tested by inspection on board ship. No type approval.
Equipment	IMO Resolution Number	Sub-system	Specification(s) 2,3,4
Float-free satellite emergency position-indicating radio beacons (EPIRBs) operating through the geostationary INMARSAT satellite system on 1.6 GHz ³	A.812(19)	Not applicable	To be phased out by 1 December 2006

1 And on non-European Union Directive Vessels in as far as they are required to conform with IMO standards

2 Or the equivalent National Standards in the case of a non-United Kingdom European Union vessel.

3 All equipment must conform to the general requirements for shipborne radio equipment forming part of the Global Maritime Distress and Safety System (GMDSS) and for electronic navigational aids, IMO Assembly Resolution A.694(17) and EN 60945: 1996.

4 Irrespective of any approval given to equipment to MPT specifications, the equipment installed is required to conform with the requirements of the relevant IMO performance standards and / or the requirements of the International Telecommunication Union (ITU) in force, as appropriate.

5 All INMARSAT installations and ancillary equipment are to be of a type approved by INMARSAT.

6 Or as incorporated in the digital selective calling facility.

Standards of Performance for marine radio equipment to be installed on United Kingdom non-Directive (Fishing) Vessels¹

Equipment	Sub-system	Specifications ²
NAVTEX Receiver	Not applicable	Any suitable set capable of operating on 518 kHz and preferably 490 kHz
Enhanced group call equipment	Not applicable	Specification incorporated in equipment standards for INMARSAT-C
VHF radio installations capable of voice communication and digital selective calling	Transceiver Facility (Fixed)	ETS 300 162 Second Edition or EN 301 025
	Digital Selective Calling Facility	ETS 300 338 or EN 301 025
	Watchkeeping Facility	EN 301 033 ³
MF/HF radio installations capable of voice communication, narrow-band direct-printing and digital selective calling	Transceiver Facility	ETS 300 373
	Digital Selective Calling	ETS 300 338(C-class A,B,E)
	Watchkeeping Facility	EN 301 033 ³
INMARSAT-C ship earth station capable of Transmitting and Receiving direct printing communications	Not applicable	INMARSAT standards ⁴
Survival craft two-way VHF radiotelephone apparatus	Not applicable	ETS 300 225 Second Edition
Float-free satellite emergency position-indicating radio beacons (EPIRBs) operating on 406 MHz	Not applicable	ETS 300 066 Second Edition

1 Equipment installed to comply with the Regulations not listed in the table above is to conform with the standards specified in Annex 1.

2 All equipment must conform to the general requirements for shipborne radio equipment forming part of the Global Maritime Distress and Safety System (GMDSS) and for electronic navigational aids, BS EN 60945: 1996.

3 Or as incorporated in the DSC facility.

4 All INMARSAT installations and ancillary equipment are to be of a type approved by INMARSAT.