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STN	**Elektromagnetická kompatibilita a záležitosti rádiového spektra (ERM). Technické charakteristiky a metódy merania prenosných rádiotelefónnych prístrojov na VKV pre záchranné plavidlá.**	**STN EN 300 225 V1.5.1** 87 0225

Electromagnetic compatibility and Radio spectrum Matters (ERM); Technical characteristics and methods of measurement for survival craft portable VHF radiotelephone apparatus

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This standard includes the English version of the European Standard.

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Foreword

This European Standard (EN) has been produced by ETSI Technical Committee Electromagnetic compatibility and Radio spectrum Matters (ERM).

The present document defines the minimum technical characteristics required for portable VHF radio telephones operating in survival craft and optionally on board ships at sea, in certain frequency bands allocated to the Maritime Mobile Service (MMS). It also incorporates the requirements detailed in the Radio Regulations, International Convention for the Safety of Life at Sea SOLAS 1974 as amended [4] and the relevant recommendations of the International Maritime Organization.

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National transposition dates	
Date of adoption of this EN:	7 December 2015
Date of latest announcement of this EN (doa):	31 March 2016
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Modal verbs terminology

In the present document "**shall**", "**shall not**", "**should**", "**should not**", "**may**", "**need not**", "**will**", "**will not**", "**can**" and "**cannot**" are to be interpreted as described in clause 3.2 of the ETSI Drafting Rules (Verbal forms for the expression of provisions).

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1 Scope

The present document states the minimum technical characteristics required for portable VHF radiotelephones operating in the bands between 156 MHz and 174 MHz allocated to the Maritime Mobile Services by the ITU Radio Regulations (see ITU Radio Regulations, Appendix 18 [1]) and suitable for use in survival craft and, optionally, on board ships at sea. The requirements detailed in the Radio Regulations, International Convention for the Safety Of Life At Sea SOLAS 1974 [4] and the International Maritime Organization Resolutions A.694(17) [i.4], MSC149 (77) [i.1] and A.809(19) [i.3] are incorporated in the present document.

2 References

2.1 Normative references

References are either specific (identified by date of publication and/or edition number or version number) or non-specific. For specific references, only the cited version applies. For non-specific references, the latest version of the referenced document (including any amendments) applies.

Referenced documents which are not found to be publicly available in the expected location might be found at http://docbox.etsi.org/Reference.

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The following referenced documents are necessary for the application of the present document.

[1] ITU Radio Regulations 2012.

[2] Recommendation ITU-T O.41 (1994): "Psophometer for use on telephone-type circuits".

[3] ISO 25862 (2009): "Ships and marine technology. Marine magnetic compasses, binnacles and azimuth reading devices".

[4] International Maritime Organisation: "International Convention for the Safety Of Life At Sea (SOLAS)".

2.2 Informative references

References are either specific (identified by date of publication and/or edition number or version number) or non-specific. For specific references, only the cited version applies. For non-specific references, the latest version of the referenced document (including any amendments) applies.

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The following referenced documents are not necessary for the application of the present document but they assist the user with regard to a particular subject area.

[i.1] International Maritime Organization Resolution MSC 149 (77): "Performance standards for survival craft two way VHF radiotelephone apparatus".

[i.2] ETSI EN 301 178: "Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands (for non-GMDSS applications only); Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU".

[i.3] International Maritime Organization Resolution A.809(19): "Performance standards for survival craft two way VHF radiotelephone apparatus".

[i.4] International Maritime Organization Resolution A.694(17): "General Requirements for Shipborne Radio Equipment Forming Part of the Global Maritime Distress and Safety System (GMDSS) and for Electronic Navigational Aids".

[i.5] ETSI TR 100 028 (all parts): "Electromagnetic compatibility and Radio spectrum Matters (ERM); Uncertainties in the measurement of mobile radio equipment characteristics".