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Elektromagnetna združljivost in zadeve v zvezi z radijskim spektrom (ERM) - Pomorski osebni javljalniki lokacije majhne moči z uporabo AIS - 2. del: Harmonizirani EN, ki zajema bistvene zahteve člena 3.2 direktive R&TTE

Electromagnetic compatibility and Radio spectrum Matters (ERM) - Maritime low power personal locating beacons employing AIS - Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

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**Electromagnetic compatibility
and Radio spectrum Matters (ERM);
Maritime low power personal locating
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Part 2: Harmonized EN covering the essential requirements
of article 3.2 of the R&TTE Directive**

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Foreword

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

The present document has been produced by ETSI in response to mandate M/284 issued from the European Commission under Directive 98/34/EC [i.2] as amended by Directive 98/48/EC [i.4].

The title and reference to the present document are intended to be included in the publication in the Official Journal of the European Union of titles and references of Harmonized Standard under the Directive 1999/5/EC [i.1].

See article 5.1 of Directive 1999/5/EC [i.1] for information on presumption of conformity and Harmonized Standards or parts thereof the references of which have been published in the Official Journal of the European Union.

The requirements relevant to Directive 1999/5/EC [i.1] are summarized in annex A.

The present document is part 2 of a multi-part deliverable covering the Electromagnetic compatibility and Radio spectrum Matters (ERM); Maritime low power personal locating devices employing AIS as identified below:

Part 1: "Technical characteristics and methods of measurement";

Part 2: "Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive".

National transposition dates	
Date of adoption of this EN:	17 November 2014
Date of latest announcement of this EN (doa):	28 February 2015
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	31 August 2015
Date of withdrawal of any conflicting National Standard (dow):	31 August 2016

Modal verbs terminology

In the present document "**shall**", "**shall not**", "**should**", "**should not**", "**may**", "**may not**", "**need**", "**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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Introduction

The present document is part of a set of standards developed by ETSI and is designed to fit in a modular structure to cover all radio and telecommunications terminal equipment within the scope of the R&TTE Directive [i.1]. The modular structure is shown in EG 201 399 [i.3].

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1 Scope

The present document applies to low power maritime personal locating devices employing AIS and an integrated GNSS receiver to provide the locating function.

The applicable frequencies of operation of this type of radio equipment are given in table 1.

Table 1: Radiocommunications service frequencies

	Radiocommunications service frequencies
Transmit AIS1	161,975 MHz
Receive AIS1	161,975 MHz
Transmit AIS2	162,025 MHz
Receive AIS2	162,025 MHz

The present document is intended to cover the provisions of Directive 1999/5/EC [i.1] (R&TTE Directive), article 3.2, which states that "... *radio equipment shall be so constructed that it effectively uses the spectrum allocated to terrestrial/space radio communications and orbital resources so as to avoid harmful interference*".

In addition to the present document, other ENs that specify technical requirements in respect of essential requirements under other parts of article 3 of the R&TTE Directive [i.1] may apply to equipment within the scope of the present document.

NOTE: A list of such ENs is included on the web site <http://www.newapproach.org>.

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2.1 Normative references

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

- [1] ETSI EN 303 098-1 (V1.2.1) (09-2014): "Electromagnetic compatibility and Radio spectrum Matters (ERM); Maritime low power personal locating devices employing AIS; Part 1: Technical characteristics and methods of measurement".

2.2 Informative references

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] Directive 1999/5/EC of the European Parliament and of the Council of 9 March 1999 on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity (R&TTE Directive).
- [i.2] Directive 98/34/EC of the European Parliament and of the Council of 22 June 1998 laying down a procedure for the provision of information in the field of technical standards and regulations.