Control No. DNC20160913-01

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CE

Declaration of Conformity

Navico declare under our sole responsibility that the following product to which this declaration relates is in conformity with the requirements of EU directive **2014/53/EU RED** (Radio Equipment Directive) and satisfies all the technical regulations applicable.

Product	Navico NAIS-500 AIS Class B Transceiver

This product has been tested to the following standards

Standard	Description
EN 60950-1:2006+ A11:2009+A1:2010+A12:2011+A2:2013	Information technology equipment - Safety - Part 1: General requirements. Covering the essential requirements of article 3.1(a) of the RED.
EN 62311: 2008-01	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz). Covering the essential requirements or article 3.1(a) of the RED.
IEC 60945:2002	Maritime navigation and radiocommunication equipment and systems - General requirements - Methods of testing and required test results. Covering essential requirements of article 3.1(a) and 3.1 (b) of the RED.
IEC 62287-1: 2010+A1:2013	Maritime navigation and radiocommunication equipment and systems - Class B shipborne equipment of the automatic identification system (AIS) - Part 1: Carrier-sense time division multiple access (CSTDMA) techniques. Covering the essential requirements of article 3.2 and 3.3 of the RED.
IEC 61108-1: 2003	Maritime navigation and radiocommunication equipment and systems - Global navigation satellite systems (GNSS) - Part 1: Global positioning system (GPS) - Receiver equipment - Performance standards, methods of testing and required test results. Covering essential requirements of article 3.2 of the RED.
EN 301 489-1 V2.1.0 (Draft)	Electromagnetic compatibility and Radio Spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements
EN 301 489-3 V2.1.0 (Draft)	Electromagnetic compatibility and Radio Spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz
EN 301 843-1 V2.1.1	Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services; Part 1: Common technical requirements. Covering essential rquirements of article 3.1 (b)
EN 301 843-2 V2.1.1	ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services; Harmonised Standard covering the essential requirements of article 3.1b of the Directive 2014/53/EU; Part 2: Specific conditions for VHF radiotelephone transmitters and receivers
EN 300 440 V2.1.0 (Draft)	Short Range Devices (SRD); Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
IEC 60529 V2.2:2013	Degrees of protection provided by enclosures (IP Code)
ITU-R M-1371-5	Technical characteristics for an automatic identification system using time-division multiple access in the VHF maritime mobile band

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Test reports

Laboratory	Report No.
QuieTek Corporation	SN1608015, 1620048R-SACEP56V00, 135096R-ITCEP26V01 V2.0, 1620048R-RFCEP01V00, 1620048R-RFCEP01V00-A, 1620048R-RFCEP10V01, SN1307032-A, 1680118S-Custom
Phoenix Testlab	U130840E1 4th version, F130840E2 2nd Version, F13084E1
BSH	BSH/4612/4322163/12-2
SGS Taiwan	HCD0137A/2009, HC60204/2016, HC70199/2016
IST, Taiwan	HC60207/2016

Notified Body involved

Name	Address	NB Number
Phoenix Testlab	Königswinkel 10, D-32825 Blomberg, Germany	0700

I, the undersigned, hereby declare that the equipment specified above conforms to the above Directive and standards for CE marking for sale in the European community.

	Authorized Representative in EU
Address	Donker Duyvisweg 56, Dordrecht, Zuid-Holland, Netherlands
Signature	Wouter Boor / CFO NAVICO HOLDING AS
Date	21/12-16

The attention of the purchaser, installer, or user is drawn to special measures and limitations to use which must be observed when the product is taken into service to maintain compliance with the above directives. Details of these special measures and limitations to use are contained in the appropriate product manuals.