



## 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.

The assessment has been carried out in accordance with **Annex III** of the above directive.

<b>Product</b>	Navico NAIS-500 AIS Class B Transceiver and GPS-500 GPS Antenna
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This product has been tested to the following standards

Standard	Description
EN 62368-1:2014 + A11:2017	Audio/video, information and communication technology equipment - Part 1: Safety requirements
EN 62311: 2008	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/EN 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: Ed.2.0:2010+A1:2013 / Ed.2.1:2013 / Ed.3.0:2017	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: Ed.2:2003	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	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Harmonised Standard covering the essential requirements of article 3.1(b) of the Directive 2014/53/EU and the essential requirements of article 6 of the Directive 2014/30/EU; Part 1: Common technical requirements
EN 301 489-3 V2.1.0	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; Harmonised standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
EN 301 843-1 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 1: Common technical requirements
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 303 413 V1.1.1	Satellite Earth Stations and Systems (SES); Global Navigation Satellite System (GNSS) receivers; Radio equipment operating in the 1 164 MHz to 1 300 MHz and 1 559 MHz to 1 610 MHz frequency bands; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
ITU-R M.1371-5:2014	Technical characteristics for an automatic identification system using time-division multiple access in the VHF maritime mobile band
IEC 61162-1 Ed. 4.0:2010	Maritime navigation and radiocommunication equipment and systems – Digital interfaces – Part 1: Single talker and multiple listeners
IEC 61162-2 Ed. 1.0: 1998	Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 2: Single talker and multiple listeners, high-speed transmission


## Test reports

Laboratory	Report No.
QuieTek Corporation	1620048R-SACEP56V00, 1620048R-RFCEP01V00-A, 135096R-ITCEP26V01, 1620048R-RFCEP01V00, SN1307032-A, 1680118S-CUSTOM
DEKRA	1720081A-S-CUSTOM, SN2006003
Phoenix Testlab	U130840E1, F130840E2, F130840E1, F162340E1, F172634E1
BSH	BSH/4543/001/4143083/16, BSH/4542/001/4322516/13, 813/1
SGS Taiwan	HC60204/2016, HC60207/2016, HC70199/2016, HC20045/2017, HH40002A/2017, HHD0021A/2016, HHD0021B/2016, HC50235A/2018, T190102W01-RT
AMEC	TN-B108-2020-001

## Notified Body involved

Name	Address	NB Number
Phoenix Testlab GmbH	Koenigswingel 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	Navico Norway AS, Elganeveien 1, 4373 Egersund, Norway
Signature	Sondre Knudsen / RCE Manager 
Date	

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.