

## DECLARATION OF CONFORMITY to Directive 2014/53/EU

Certificate Number: DK-RED003134 i01

We, em-Trak Marine Electronics hereby declare that the product known as X100 AIS Class B SOTDMA DSC/VHF Radio (431-0002) to which this declaration relates, is in conformity with the relevant sections of the following standards and/or other normative documents:

**For Article 3.1(a) [Health & Safety]:**

Health:

EN 62311:2008

Safety:

EN 62368-1:2020

IEC 60945:2002-08

**For Article 3.1(b) [EMC]:**

EN 301 843-1 v2.1.1

IEC 60945:2002-08

EN 301 489-1 V2.2.3

EN 301 489-17 V3.2.4

EN 301 489-19 V2.1.1

EN 301 843-1 V2.2.1

EN 301 843-2 V2.2.1

**For Article 3.2 [Spectrum usage]:**

IEC 62287-2:2017

IEC 60945:2002-08

EN 300 328: v2.2.2

EN 303 413: v1.2.1

EN 301 025 V2.3.1

EN 300 698 V2.3.1

**For Article 3.3(g) [Emergency access – R&TTE related]:**

IEC 62287-2:2017

IEC 60945:2002-08

IEC 61108-1:2003

EN 301 025 V2.3.1

We also declare that all essential radio test suites have been carried out and that the above-named product is in conformity with the essential requirements of Directive 2014/53/EU.

A power / data cable is provided to enable the product to operate as intended in line with optimum performance and EU directive 2014/53/EU. The NEXUS Base is pre-loaded with application software radio v220200.01 and software network v220400.01

The conformity assessment procedure for Directive 2014/53/EU Articles 3.2 and 3.3 has been followed with the involvement of the following Notified Body:

TÜV SÜD DANMARK ApS, Johanne Møllers Passage 1, 3. sal, 1799 Copenhagen V, Denmark [NB No. 2443]

Signed,



Abigail Stocks

Senior Product Certification Engineer

10/12/2025, Bath