

EU Declaration Of Conformity

01. Apparatus Product/Model:

Product: Marine Radar JMA-5200 Series.

Models: JMA-5204/-5209/-5212-4/-5212-4HS/-5212-6/-5212-6HS/-5222-7/-5222-9.

02. Name & Address of the Manufacturer:

Japan Radio Co., Ltd.,
Nakano Central Park East 4-10-1, Nakano,
Nakano-ku, TOKYO, 164-0001, Japan.

02a. Name & Address of the Authorised Representative:

JRC Dublin, 77 Camden Street Lower, St. Kevins,
Dublin, D02 XE80, Ireland.

03. This declaration of conformity is issued under the responsibility of the authorized representative.

Object of the declaration – identification of apparatus allowing traceability:

Marine Radar, Japan Radio Co., Ltd manufactured model JMA-5204	(4kW) standard speed.
Marine Radar, Japan Radio Co., Ltd manufactured model JMA-5209-4	(6kW) standard speed.
Marine Radar, Japan Radio Co., Ltd manufactured model JMA-5212-4	(10kW) standard speed.
Marine Radar, Japan Radio Co., Ltd manufactured model JMA-5212-4HS	(10kW) hi-speed.
Marine Radar, Japan Radio Co., Ltd manufactured model JMA-5212-6	(10kW) standard speed.
Marine Radar, Japan Radio Co., Ltd manufactured model JMA-5212-6HS	(10kW) hi-speed.
Marine Radar, Japan Radio Co., Ltd manufactured model JMA-5222-7	(25kW) standard speed.
Marine Radar, Japan Radio Co., Ltd manufactured model JMA-5222-9	(25kW) standard speed.

The objects of the declaration described above, are in conformity with the relevant EU harmonization legislation:

Radio Equipment Directive (RED): 2014/53/EU.

04. References to the relevant harmonized standards used, including the date of the standard, or references to other technical specifications, including the date of the specification, in relation to which conformity is declared:

EN60945:2002 (Ed4) - General Requirements for Marine Equipment.
ETSI EN 302 248 (v2.1.1) – Navigation radar for use on non-SOLAS vessels.
IEC61162 series – as applicable.

05. Notified Body involved:

Not applicable.

06. Description of standard models and modules:

Radar Model JMA-5204: Display unit model NCD-4380, comprising NWZ-164 15" LCD 1024 x 768 resolution display, NDC-1460 processing and NCE-7699A operation units in conjunction with the 4kW, 2ft radome type, Tx-Rx scanner unit NKE-2043.
Radar Model JMA-5209-4: Display unit model NCD-4380, comprising NWZ-164 15" LCD 1024 x 768 resolution display, NDC-1460 processing and NCE-7699A operation units in conjunction with the 6kW, 4ft slotted array scanner unit NKE-2063A.
Radar Model JMA-5212-4: Display unit model NCD-4380, comprising NWZ-164 15" LCD 1024 x 768 resolution display, NDC-1460 processing and NCE-7699A operation units in conjunction with the 10kW, 4ft slotted array scanner unit NKE-2103-4.
Radar Model JMA-5212-4HS: Display unit model NCD-4380, comprising NWZ-164 15" LCD 1024 x 768 resolution display, NDC-1460 processing and NCE-7699A operation units in conjunction with the 10kW, 4ft slotted array hi-speed scanner unit NKE-2103-4HS.
Radar Model JMA-5212-6: Display unit model NCD-4380, comprising NWZ-164 15" LCD 1024 x 768 resolution display, NDC-1460 processing and NCE-7699A operation units in conjunction with the 10kW, 6ft slotted array scanner unit NKE-2103-6.
Radar Model JMA-5212-6HS: Display unit model NCD-4380, comprising NWZ-164 15" LCD 1024 x 768 resolution display, NDC-1460 processing and NCE-7699A operation units in conjunction with the 10kW, 6ft slotted array hi-speed scanner unit NKE-2103-6HS.
Radar Model JMA-5222-7: Display unit model NCD-4380, comprising NWZ-164 15" LCD 1024 x 768 resolution display, NDC-1460 processing and NCE-7699A operation units in conjunction with the 25kW, 7ft slotted array Tx-Rx scanner unit NKE-2254-7.
Radar Model JMA-5222-9: Display unit model NCD-4380, comprising NWZ-164 15" LCD 1024 x 768 resolution display, NDC-1460 processing and NCE-7699A operation units in conjunction with the 25kW, 9ft slotted array Tx-Rx scanner unit NKE-2254-9.

07. Alternative displays:

- aa) AlphaScreen 15": 1024 x 768 pixels, XGA resolution and 4:3 aspect ratio.
- bb) AlphaBasicScreen 21": 1600 x 1200 pixels, UXGA resolution and 4:3 aspect ratio.
- cc) Alphascreeen 21": 1600 x 1200 pixels, UXGA resolution and 4:3 aspect ratio.

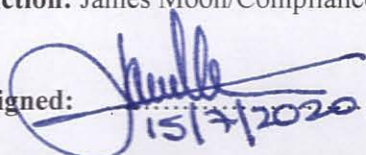
Signed for and on behalf of: Japan Radio Co., Ltd., Tokyo, Japan.

Place and date of issue:

JRC Dublin, Republic of Ireland.

Dated 15th July 2020.

Name/function: James Moon/Compliance Manager

Signed:  15/7/2020,