

EU-Type Examination Certificate

Certificate No.: 1622 - RED - 240347

In compliance with Radio Equipment Directive 2014/53/EU of the European Parliament and of the Council of 16 April 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment, this certificate applies to the product(s)

Product: VHF Marine Radio
Model: HM100, RT440, VHF USHIP V4

Placed on the market under the name or trade mark of

Shenzhen Jiuzhou Himunication Technology Co., Ltd
7th Floor, building 13, Run Dong Sheng Industrial Park, National Road 107,
Longzhu community, Xixiang, Baoan district, Shenzhen, China

This certificate attest that all provisions concerning the assessment and verification of performance described in the standard(s)

Art. 3.1a): EN IEC 62368-1:2020+A11:2020
EN IEC/IEEE 62209-1528:2021
EN 50566:2017/A1:2023

Art. 3.1b): ETSI EN 301 843-1 V2.2.0
ETSI EN 301 843-2 V2.2.0
EN 55032:2015/A11:2020
EN 55035:2017/A11:2020

Art. 3.2): ETSI EN 300 698 V2.3.1 Annex B
ETSI EN 301 178 V2.2.2
ETSI EN 303 345-1 V1.1.1
ETSI EN 303 345-3 V1.1.1

as per Annex III (Module B) for the performance set out in this certificate, are applied.

Certificate revision: 1.0
TCF No.: CER189528

For NEMKO (Notified Body 1622)

Authorized Signatory



Jin Xu, Senior Technical Assessor

Valid from 9 / 1 / 2024

Day / Month / Year

This certificate has been granted by Nemko North America, Inc. 303 River Road, Ottawa, Ontario, K1V 1H2, Canada

This certificate remains valid, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Nemko. Should the specified regulations or standards be amended, the products are to be re-approved prior to being placed on the market.

Any person not a party to the contract pursuant to which this document is delivered may not assert a claim against Nemko for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel in the establishment or issuance of this document, and in connection with any activities for which it may provide

ANNEX 1 – PRODUCT SPECIFICATIONS

PRODUCT DESCRIPTION

Equipment type: Portable VHF radiotelephone equipment
Model/type: HM100, RT440, VHF USHIP V4
Adapter model: MR-0502000EU
Input: 100-240d.c., 50/60Hz, 0.3A, Output: 5.0Va.c., 2.0A, 10.0W
Floating flashing shell Model:FC01
Should microphone model: HS101
Ear microphone model: HS100
Upgrade line model: PC130
Charging cabel model: DC513



Brand/trade name:
Supply voltage: DC 3.7V from Battery
Rated power: -
Hardware version: V1.0
Software version: SW3.3

TECHNICAL CHARACTERISTICS

Transmitter type: -
Intended purpose: Maritime mobile service
Frequency range: Maritime radio: TX: 155.500 MHz - 162.425 MHz
RX: 155.500 MHz - 162.425 MHz
FM Rx: 87.5 MHz – 108 MHz
Transmit power: Maritime radio: 6 Watts / 3 Watts / 1 Watt
Modulation type: FM, FSK
Number of channels: -
Channel separation: Maritime radio: 25 kHz
Antenna type: Maritime radio: The spiral antenna
Maximum antenna gain: -

MANUFACTURER

Name: Shenzhen Jiuzhou Himunication Technology Co., Ltd
Address: 7th Floor, building 13, Run Dong Sheng Industrial Park, National Road 107,
Longzhu community, Xixiang, Baoan district, Shenzhen, China

ADDITIONAL INFORMATION

None.

ANNEX 2 - SCHEDULE OF APPROVAL

ASSESSED STANDARDS

- ☒ Protection of Health and Safety, according to Article 3(1)(a).

Standards: EN IEC 62368-1:2020+A11:2020
EN IEC/IEEE 62209-1528:2021
EN 50566:2017/A1:2023

- ☒ Electromagnetic Compatibility (EMC), according to Article 3(1)(b).

Standards: ETSI EN 301 843-1 V2.2.0
ETSI EN 301 843-2 V2.2.0
EN 55032:2015/A11:2020
EN 55035:2017/A11:2020

- ☒ Radio Spectrum Use, according to Article 3(2).

Standards: ETSI EN 300 698 V2.3.1 Annex B
ETSI EN 301 178 V2.2.2
ETSI EN 303 345-1 V1.1.1
ETSI EN 303 345-3 V1.1.1

- ☐ Special Radio Features, according to Article 3(3)(a)-(f).

Standards: N/A

APPLICATIONS/LIMITATIONS

None

MARKING OF PRODUCT

The Manufacturer and Type Designation shall be applied to the product in a visible location.
The equipment shall carry the CE marking of the European Union.

TYPE EXAMINATION DOCUMENTATION

Test report(s)

- EMC test report by Shenzhen Huatongwei International Inspection Co., Ltd.
Test Report Number: CHTEW24010004, Issued: 2024-01-02
- Radio test report by Shenzhen Huatongwei International Inspection Co., Ltd.
Test Report Number: CHTEW24010001, CHTEW24010002, CHTEW24010003, Issued: 2024-01-02
- Safety test report by Shenzhen Huatongwei International Inspection Co., Ltd.
Test Report Number: CHTSE23120147, Issued: 2023-12-25
- Health test report by Shenzhen Huatongwei International Inspection Co., Ltd.
Test Report Number: CHTEW24010008, Issued: 2024-01-03

Additional documentation

- RED technical file by **Shenzhen Jiuzhou Himunication Technology Co., Ltd**

ADDITIONAL INFORMATION

None.

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