



Recognized by the German Regulator
 to act as a Notified Body in accordance with the
 RE Directive 2014/53/EU of 16. April 2014

BNetzA-bS-02/51-54

EU-Type Examination Certificate

Registration No. G111010J

Certificate Holder Shenzhen Jiuzhou Himunication Technology Co., Ltd.
 3rd Floor, Block C, Huafeng Second Industry Park,
 Hangcheng Road
 Gushu, Xixiang town, Baoan District, Shenzhen
 P.R. China

Product Designation Fixed Marine Radio, Model HM390S-BB, HM-390S, HM390C-BB,
 HM390-BB, HM390C, HM390, HM390 Non DSC, HM390-BBN

Product Description Fixed VHF Marine DSC Radio with GPS function

Manufacturer Shenzhen Jiuzhou Himunication Technology Co., Ltd.
 3rd Floor, Block C, Huafeng Second Industry Park,
 Hangcheng Road
 Gushu, Xixiang town, Baoan District, Shenzhen
 P.R. China

| Essential Requirement | | Applied Specifications / Standards | Documentary Evidence | Result |
|-----------------------|--------|--|--|---------|
| Art. 3.1(a) | Health | EN 50385 | Test Report TRE1711006505 | conform |
| Art. 3.1(a) | Safety | EN 60950-1+A11+A1+A12+A2 | Test Report TRS17110164 | conform |
| Art. 3.1(b) | EMC | EN 301 843-1/-2 EN 301 489-1/-19 | Test Report TRE1711006503 Test Report TRE1711006504 | conform |
| Art. 3.2 | Radio | EN 301 025 EN 300 338-3 EN 303 413 | Test Report TRE1711006501 Test Report TRE1711006502 | conform |

The product shall be marked with the CE conformity marking
 as shown on the right.



The scope of evaluation relates to the submitted documents only.

This EU-Type Examination Certificate is issued in accordance with Annex III, Module B of the
 RE Directive 2014/53/EU of 16. April 2014 and is only valid in conjunction with the attached Annex.

Unterleinleiter,
 2018-01-25



Karlheinz Kraft
 Notified Body



Technical Details

| | |
|---------------------|---|
| Frequency Range: | 156.025 – 157.425 MHz 1575.42 MHz (GPS receiver) |
| Rated Power: | 25 W / 1 W |
| Transmit Power: | 43.88 dBm |
| Modulation Type: | PM, FSK, BPSK |
| Channel Separation: | 25 kHz |
| Hardware Version: | V1.5 |
| Software Version: | SW2.32 |
| DC supply: | DC 13.8V |

Technical Construction File (TCF) Details

| | | | |
|---|-----------------|--|---------|
| <i>To demonstrate conformity with Article 3.1(a) Health</i> | | | |
| Applied Standards | Version | Applied Standards | Version |
| EN 50385 | 2017 | | |
| Report or Certificate No. | Issue Date | Issued by | |
| TRE1711006505 | 2017-12-18 | Shenzhen Huatongwei International Inspection Co., Ltd. | |
| <i>To demonstrate conformity with Article 3.1(a) Safety</i> | | | |
| Applied Standards | Version | Applied Standards | Version |
| EN 60950-1+A11+A1+A12+A2 | 2013 | | |
| Report or Certificate No. | Issue Date | Issued by | |
| TRS17110164 | 2018-01-24 | Shenzhen Huatongwei International Inspection Co., Ltd. | |
| <i>To demonstrate conformity with Article 3.1(b) EMC</i> | | | |
| Applied Standards | Version | Applied Standards | Version |
| EN 301 843-1 | V2.2.1 | EN 301 489-1 | V2.2.0 |
| EN 301 843-2 | V2.2.1 | EN 301 489-19 | V2.1.0 |
| Report or Certificate No. | Issue Date | Issued by | |
| TRE1711006503 | 2017-12-18 | Shenzhen Huatongwei International Inspection Co., Ltd. | |
| TRE1711006504 | 2017-12-18 | Shenzhen Huatongwei International Inspection Co., Ltd. | |
| <i>To demonstrate conformity with Article 3.2 Spectrum Efficiency</i> | | | |
| Applied Standards | Version | Applied Standards | Version |
| EN 301 025 | V2.2.1 | EN 303 413 | V1.1.1 |
| EN 300 338-3 | V1.2.1 | | |
| Report or Certificate No. | Issue Date | Issued by | |
| TRE1711006501 | 2017-12-18 | Shenzhen Huatongwei International Inspection Co., Ltd. | |
| TRE1711006502 | 2017-12-18 | Shenzhen Huatongwei International Inspection Co., Ltd. | |
| <i>Declaration of Conformity</i> | | | |
| Signed by | | Date | |
| Oliver Zou | | 2018-01-10 | |
| <i>Technical Documentation</i> | | | |
| Block diagram | Risk assessment | | |
| External / Internal photos | User manual | | |
| Operational description | | | |
| Parts list | | | |
| Schematic diagram | | | |