# EC type-examination certificate (Module B)

## 212120005/AA/07

## Item and designation: MED/5.17 Portable survival craft two-way VHF radiotelephone apparatus

CERTIFICATE

| | | | |
|---|---|---|---|
| **Issued** | 19 October 2026 | **Date of expiration of validity** | 27 August 2031 |
| **Page** | 1 of 6<br>This certificate has THREE Annexes | **First issued** | 03 February 2005 |

In compliance with the procedure specified in the **Marine Equipment Scheme** RD_040, Kiwa Nederland B.V. declares as designated Notified Body 0063 for the Marine Equipment Directive, that the stated product complies with Directive 2014/90/EU and Implementing Regulation (EU) 2026/1434, based on the applicable international instruments and test standards as listed in Annex 2 of this certificate.

| | |
|---|---|
| Product description: | **Portable survival craft VHF radiotelephone** |
| Trademark: | **ICOM** |
| Type designation: | **IC-GM1600E** |
| Software: | **V2.00** |
| Manufacturer: | **ICOM Inc.** |
| Address: | **1-1-32 Kamiminami,Hirano-Ku** |
| City: | **547-0003 Osaka** |
| Country: | **Japan** |
| Authorized Representative: | **ICOM (Europe) GmbH** |
| Address: | **Am Zwerggewann 2-4** |
| City: | **63150 Heusenstamm** |
| Country: | **Germany** |

0063

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**Chamber of commerce**
08090048

PRODUCTS
RvA C 002

# Annex 1 to EC type-examination cerificate 212120005/AA/07



**General conditions**

- This EC type-examination certificate is limited to the Marine Equipment Directive.
- Each product to which this certificate relates shall be provided with The Mark of Conformity. The Mark of Conformity consists of symbol in the form of a wheel followed by the identification number of the responsible Notified Body for Module D, E, F or G, and by the last two digits of the number of the year in which the mark is affixed.
  The Mark of Conformity may only be affixed to the type approved product and a Manufacturer's Declaration of Conformity issued when the production-control phase module (D, E, or F) of the Directive is fully complied with and controlled by a written inspection agreement with a notified body.
- The holder of this certificate has drawn up a Declaration of Conformity to type with Directive 2014/90/EU and Implementing Regulations, declaring that the product(s) described in this EC type-examination certificate, satisfy the requirements that apply to them.
- The validity of this EC type-examination certificate is limited to products, which are equal to the one(s) assessed for this EC type-examination.
- Each product shall be identified by means of type, batch and/or serial numbers and the name of the manufacturer and/or importer.
- If the equipment is to be modified, Kiwa shall be notified immediately. Depending on the modifications, Kiwa may have additional examinations carried out in consultation with the applicant.
- Enforcement of a new amending directive or new Implementing Regulation may void the validity of this EC type-examination certificate regarding (re)placement of the product onboard ships.

**Remarks and observations**

The following conditions are applicable:

First issued: 03 February 2005 (05212001)

First renewal: 21 October 2009 (09212012)

Second renewal: 31 August 2011 (11212004)

Third renewal: 31 August 2016 (162120003)

Fourth renewal: 27 August 2021 (212120005)

01: change of parts.

02: change of parts.

03: update of implementing regulation.

04:Adhesive label change, chip capacitor change, and label change.

05: Transfer to implementing act (EU) 2024/1975.

06: Fifth renewal: 02 July 2026

07: Transfer to implementing act (EU) 2026/1434 and update of standard.

MED/5.17 Row 3 of 3

# Annex 1 to EC type-examination cerificate 212120005/AA/07



The product to which this certificate relates includes the following units or equipment:

- IC-GM1600E: VHF radiotelephone
- HM-125: Speaker-microphone
- BP-234: Lithium battery pack (primary battery)
- BP-224: NiCd battery pack
- BP-225: NiCd battery pack
- BP-252: Lithium-ion battery pack
- BC-158: desktop charger
- BC-173: desktop charger
- BC-147E: AC-adapter
- BC-147SE: AC-adapter (old version)
- BC-147SE: AC-adapter (new version)

**Documentation lodged for this EC type-examination certificate**

Test Reports:

- Telefication B.V.: 160500998-1 V1.50, 25 July 2016
- Icom Incorporated: IC-GM1600E-Amendment Rev9, 23 August 2018
- Kiwa Nederland B.V.: P000214234 Ver 1.00, 17 July 2023
- Kiwa Nederland B.V.: P000214234 01 Ver 2.10, 01 August 2023
- Kiwa Primara GmbH: 22PP668-01_0, 03 February 2023

Product Documentation:

- Assembly drawings
- Bill of materials
- Block diagram
- Electrical diagrams
- Antenna specifications
- Internal photos
- External photos
- Technical description or data sheets
- Label and label placement
- Test setup photos
- Risk assessment
- IC-GM1600E waiver_260520
- Engineering reports
- Vibration test

**International Instruments and test standards**

The product is compliant with:

| | | |
|---|---|---|
| EN 60945 | October, 2002 | Edition 4 |
| IEC 60945/Corrigendum 1 | April, 2008 | Edition 4 |
| IEC 61097-12 | November, 1996 | 1st Ed. |
| IEC 61097-12:1996/AMD1:2017 | July, 2017 | |
| IEC 61097-12:1996/AMD2:2023 | November, 2023 | |
| IMO Resolution A.694(17) | 1991 | |
| ITU-R M.489-2 | October, 1995 | |
| MSC Resolution 149(77) | June, 2003 | |
| MSC Resolution 36(63) | May, 1994 | |
| MSC Resolution 515(105) | April, 2022 | |
| MSC Resolution 97(73) | December, 2000 | |

**Technical features and characteristics**

The product includes the following features and characteristics:

**VHF equipment**
- Operating frequency range: 156.3 - 156.875 MHz
- Modulation method(s): 16K0G3E
- Maximum output power: 2 Watt
- Temperature range: -20°C to +55°C; storage -30°C to +70°C

# Annex 3 to EC type-examination cerificate 212120005/AA/07



**The product as described in this certificate includes the following type designations:**

- Product description: Portable survival craft VHF radiotelephone
- Trademark: ICOM
- Type designation: IC-GM1600E
- Software version: V2.00