

# CERTIFICATE

of  
EC Type-examination (Module B)

**Certificate No: 212120005/AA/00**

**Product Category: MED/5.17**

With respect to Marine Equipment Directive 2014/90/EU and the implementing Regulation (EU) 2021/1158, Telefication Notified Body 0560 declares that the equipment:

Product description: **Portable survival craft VHF radiotelephone**

Trademark: **ICOM**

Type designation: **IC-GM1600E**

Manufacturer: **ICOM Incorporated**

Address: **1-1-32 Kamiminami, Hirano-Ku**

City: **547-0003 Osaka**

Country: **Japan**

Complies with the international instruments and test standards as listed in the Annex.

This certificate is granted to:

Name: **ICOM Incorporated**

Address: **1-1-32 Kamiminami, Hirano-Ku**

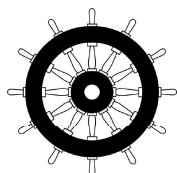
City: **547-0003 Osaka**

Country: **Japan**

Validity of this certificate expires on date: **13 August 2026**

This certificate has THREE Annexes.

Apeldoorn, 13 August 2021



**0560**

Geesje Geers  
Product Assessor



## General conditions

- Each product to which this certificate relates shall be provided with Marine markings. The Marine marking consist 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 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.
- 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, Telefication shall be notified immediately. Depending on the modifications, Telefication may have additional examinations carried out in consultation with the applicant.
- Enforcement of a new Implementing Regulation may void the validity of this certificate regarding (re)placement of the product onboard ships.

## Remarks and observations

The following conditions are applicable:

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

### Test Reports:

- Telefication B.V.: 99582920, 25 January 2005
- Telefication B.V.: 99582930, 25 January 2005
- Telefication B.V.: 20082368200, 10 June 2008
- Telefication B.V.: 20082368300, 10 June 2008
- Telefication B.V.: 160500998-1 V1.50, 25 July 2016

### Product Documentation:

- Assembly drawings
- Bill of materials
- Block diagram
- Electrical diagrams
- Internal photos
- External photos
- Manual
- Technical description or data sheets
- Label and label placement

## International Instruments and test standards

The equipment complies with:

EN 60945	October, 2002	Edition 4
IEC 60945/Corrigendum 1	April, 2008	Edition 4
IEC 61097-12	July, 2017	Edition 1.1
IMO Resolution A.694(17)	1991	
IMO Resolution A.809(19)	1995	
ITU-R M.489-2	October, 1995	
MSC Resolution 149(77)	June, 2003	
MSC Resolution 36(63)	May, 1994	
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

**Trademarks and Type designations:**

The product as described in this EC type-examination includes the following type designations:

- Product description: Portable survival craft VHF radiotelephone
- Trademark: ICOM
- Type designation: IC-GM1600E