

CERTIFICATE

of
EC Type-examination (Module B)

Certificate No: 162120003/AA/00
Product Category: A.1/5.17

With respect to Marine Equipment Directive 96/98/EC and the amending Directive (EU) 2015/559, Telefication declares that the equipment:

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

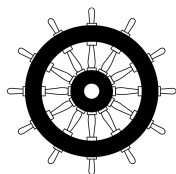
Manufacturer: **Icom Incorporated**
Address: **1-1-32 Kamiminami, Hirano-Ku**
City: **547-0003 Osaka**
Country: **Japan**

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 is 5 years; **Expiry date: 31 August 2021**
This certificate has THREE Annexes.

Zevenaar, 31 August 2016



Willem Jan Jong
Manager Product Certification



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 96/98/EC and amending Directives, 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 amending directive voids the validity of this certificate for (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

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

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	November, 1996	1st Ed.
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	

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