



Notified body authorised by the MCA

Marine Equipment Directive EC Type Examination Module B Certificate

BABT-MED000109 Issue 01

This is to certify that TUV SUD BABT did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the Marine Equipment Directive (2014/90/EU) requirements under the following Implementing Regulation/ Amendment for the listed types of equipment

Implementing Regulation/

2015/559/EU

Amendment

Certificate Holder and

Icom Inc.

Manufacturer

1-1-32 Kamiminami

Hirano-ku Osaka 547-0003

Japan

EC Representative

Icom (Europe) GmbH Auf der Krautweide 24, 65812 Bad Soden am Taunus,

Germany

Product(s)

GM600

Product Sector

Radiocommunication Equipment

Product Type

A.1/5.1 VHF radio capable of transmitting and receiving DSC and

radiotelephony

and on the basis of the Technical Data and information detailed in the Annex to this certificate.

Valid from: 10 November 2016 (Signature)

7. J. Tuyran Expiry Date 09 November 2021

This certificate has been issued in accordance with the Certification Regulations of TUV SUD BABT (Notified Body Number 0168) and constitutes page 1 of the combined Certificate and Annex

The Conditions for the validity of this certificate are listed in the Annex. For further details, related to this certification please contact BABT@TUV-SUD.co.uk



Issued by TUV SUD BABT under document number BABT-MED000109 Issue 01

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Annex to

Marine Equipment Directive Module B Type Examination Certificate

Description of Equipment

VHF Marine Transceiver

Model:

GM600

Product Components:

VHF Transceiver

GM600

Handset

HS-98

12-24 DC/DC Power Supply

PS-310

Compliance Matrix For MED 2015/559/EU Item A.1/5.1

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IMO Resolutions	International Testing Standards	
IMO Res A.385(X) IMO Res.A.524(13) IMO Res. A.803(19) IMO MSC/Circ.862 IMO MSC.1/Circ.1460	ETSI EN 300 338-1 V1.3.1 (2010-02)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service; Part 1: Common requirements
	ETSI EN 300 338-2 V1.3.1 (2010-02)	Part 2: Class A/B DSC
	ETSI EN 301 843-2 V1.2.1 (2004-06)	Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services; Part 5: Specific conditions for VHF radiotelephone transmitters and receivers
	ETSI EN 301 925 V1.4.1 (2013-05)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Radiotelephone transmitters and receivers for the maritime mobile service operating in VHF bands; Technical characteristics and methods of measurement
IMO Res.A.694(17)	IEC 60945 (2002)	General Requirements for Marine Navigation Equipment (Inc. Corr1:2008)
	IEC 61162-1 (2010)	Maritime navigation and radiocommunication equipment and systems — Digital interfaces Part 1: Single talker and multiple listeners

Relevant Technical Documentation

Supplier's Declaration(s) of Conformity:

DoC V2, 2016-10-13

User Guide:

GM600 Instruction manual, A-7239D-1EU-2, 2016-09-01

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Test report numbers:

EN 60945 (2002) inc Corr.1	75931395 Report 01 Issue 1, 2016-08-09
	75931395 Report 07 Issue 2, 2016-10-07
	75931395 Report 02 Issue 1, 2016-08-23
	9624-R03, 2016-01-22
ETSI EN 300 338-1 V1.3.1 (2010-02)	75931395 Report 04 Issue 4, 2016-11-02
ETSI EN 300 338-2 V1.3.1 (2010-02)	75931395 Report 01 Issue 1, 2016-08-09
	9624-R03, 2016-01-22
EN 301 843-2 V1.2.1 (2004-06)	75931395 Report 02 Issue 1, 2016-08-23
ETSI EN 301 925 V1.4.1 (2013-05)	75931395 Report 03 Issue 2, 2016-11-02
	75931395 Report 06 Issue 1, 2016-08-09
IEC 61162-1 (2010)	75931395 Report 05 Issue 1, 2016-08-05

Approved Software Note 1: Issue 1.104

Approved Hardware:

Overall Build Level

Issue 1.006

Circuit Diagram

Schematic.pdf, 2016-08-31

Parts List:

Parts List.pdf, 2016-09-02

NOTES:

1- This approval remains valid for equipment including subsequent minor software amendments which have been formally accepted in accordance with the Certification Regulations of TUV SUD BABT.

Conditions of Validity

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with TUV SUD BABT or a person appointed by TUV SUD BABT to perform that role.

Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be reapproved prior to it/them being placed on the Market or on board vessels to which the amended regulations or standards apply.

The Mark of Conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-control phase module (D, E, or F) of ANNEX B of the Directive is fully complied with and controlled by a written inspection agreement with a notified body."

Signed: J. J. Turyam

Date: 10th November 2016

on behalf of TUV SUD BABT