

Marine Equipment Directive EC Type Examination Module B Certificate

This is to certify that TÜV SÜD DANMARK ApS 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 for the listed types of equipment

Implementing Regulation	(EU)2020/1170
Certificate Holder and Manufacturer	Standard Communications Pty. Ltd. 17 Gibbon Road Winston Hills NSW 2153 Australia
EC Representative	Polaris Electronics A/S Kaerholt 1 DK-9210 Aalborg SO Danmark
Product(s)	MT603G MT603FG
Product Sector	Radiocommunications Equipment
Product Type	MED/5.6 406 MHz EPIRB (COSPAS-SARSAT)

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

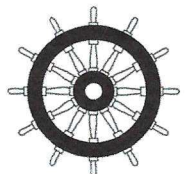


Valid from: 01 January 2021

(Tom Twynam)

Expiry Date: 25 June 2023

This certificate has been issued in accordance with the TÜV SÜD Testing and Certification Regulations 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



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TÜV SÜD DANMARK ApS
ZERTIFIKAT
CERTIFICATE
認證書
CERTIFICADO
CERTIFICAT



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Annex to Marine Equipment Directive Module B Type Examination Certificate

1 Equipment Description

406 MHz Emergency Position Indicating Radio Beacon (EPIRB) with internal GNSS

1.1 Models

1.1.1 System Components

Model	Description
MT603G	Class 2 406 MHz EPIRB with GPS and manual release
MT603FG	Class 2 406 MHz EPIRB with GPS and float-free release

1.1.2 Optional Components

Part Number	Description
97MT401MTG	Mounting Bracket Collar Assembly
97MT600BCB	Band Clamp Bracket Assembly
97BSE401FF	Float-Free Release Base Assembly
97CVR401FF	Float-Free Release Cover Assembly

2 Assessed Requirements

2.1 Implementing Regulation (EU) 2020/1170

2.2 Compliance Requirements for MED/5.6

IMO Resolutions	International Testing Standards	
IMO Res. A.694(17)	IEC 60945 (2002) incl. IEC 60945 Corr. 1 (2008)	Maritime navigation and radiocommunication equipment and systems — General requirements
IMO Res A.810(19) as amended by: IMO Res.MSC.56(66) & IMO Res.MSC.120(74) IMO Res MSC/Circ. 862 IMO Res. A.696(17) IMO Res. A.662(16) ITU-R M.633-4 (12/10) ITU-R M.690-3 (03/15)	IEC 61097-2 ed3.0 (2008)	Global maritime distress and safety system (GMDSS) — Part 2: COSPAS-SARSAT EPIRB - Satellite emergency position indicating radio beacon operating on 406 MHz



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3 Technical Documentation

3.1 Declaration of Conformity

49643-8_EU-Declaration-MT603_2020 Dated 2021-01-01

3.2 User Guide

48806-2 MT603G EPIRB Instruction Manual Modified 2018-06-14
48807-3 MT603FG EPIRB Instruction Manual Modified 2018-06-19

3.3 Build Status

3.3.1 Hardware

Circuit Diagram: 45524-8 Circuit Diagram MT6XX – 406MHz EPIRB Modified 2018-05-11
Parts List: 97MT603GPC Main PCB Assembly Modified 2018-05-11
Parts List: 97MT406LED Strobe LED Subassembly Modified 2018-05-11
Parts List: 97MTP3ANT GPS Antenna Subassembly Modified 2018-05-23

3.3.2 Software

EPIRB Firmware: OS0021.1.00

3.4 Test Reports

3.4.1 IEC 60945 (2002) incl. IEC 60945 Corr.1 (2008)

16/185 Issue 2 Issued 2016-06-29

3.4.2 IEC 61097-2 (2008)

16/184 Issue 1 Issued 2016-05-24
16/185 Issue 2 Issued 2016-06-29
16/116 Issue 5 Issued 2018-02-01

3.5 Notes

Note 1 These units are tested and assessed to Class 2 temperature requirements.
Note 2 These units can be supplied together with a manual release bracket.
Note 3 These units can be supplied together with an auto-release housing.
Note 4 Marine COSPAS-SARSAT 406 MHz EPIRBs form a distress alerting component of the Global Maritime Distress & Safety System (GMDSS). These beacons have been granted COSPAS-SARSAT Type Approval Certification: TAC Report No.300, dated 26 February 2018.

4 Additional Information

The products listed on this certificate were originally assessed and certified by TUV SUD BABT under Notified Body number NB0168, Certificate Number BABT-MED000120 Issue 01.

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5 Conditions of Validity

This certificate ceases to be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with TÜV SÜD DANMARK ApS or a person appointed by TÜV SÜD DANMARK ApS to perform that role.

Should the specified regulations (internal conventions and the relevant resolutions and circulars of the IMO) or standards be amended and enforced through an Implementing Regulation during the validity of this certificate, the product(s) is/are to be reapproved prior to it/them being placed on the market or onboard 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.

Signature: *T. J. Twynam*

(Tom Twynam)

Date:

2021-01-01

On behalf of TÜV SÜD DANMARK ApS