



Marine & Offshore
Division

Certificate number: 13686/C0 EC

File number: RAD 01/22643/01

Annex A1 Item number: A.1/5.6

*This certificate is not valid when presented without the full
attached schedule composed of 7 sections*

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Notified Body 0062 - MARINE EQUIPMENT DIRECTIVE 96/98/EC

EC TYPE EXAMINATION CERTIFICATE

as per Module B of European Union Council Directive 96/98/EC on marine equipment
as amended by Commission Directive 2012/32/EU

This certificate is issued to

Standard Communications Pty Ltd

Winston Hills - AUSTRALIA

for the type of product

406 MHZ EPIRB (COSPAS-SARSAT)

Non float-free satellite type: GME-MT403 & GPS type GME-MT403G +++

Float-free satellite type: GME-MT403FF & GPS type GME-MT403FG.

Requirements:

SOLAS 74, as amended, Regs. IV/7 and X/3

IMO Res. A.662(16), IMO Res. A.694(17), IMO Res. A.696(17), IMO Res. A.810(19), IMO Res. MSC.36(63)-(1994 HSC Code) 14, IMO Res. MSC.97(73)-(2000 HSC Code) 14, IMO MSC/Circ.862, IMO Comsar Circ.32,

ITU-R M.633-3 (05/2004), ITU-R M.690-1 (10/1995)

IEC 60945 (2002) including IEC 60945 Corrigendum 1 (2008) and ETSI EN 300 066 V 1.3.1 (2001-01).

This certificate is issued under the French Maritime Authority to attest that BUREAU VERITAS did undertake the relevant type-examination procedures for the product identified above which was found to comply with the relevant requirements of the Council Directive 96/98/EC of 20 December 1996 as amended.


This certificate will expire on: 01 Sep 2019

For BUREAU VERITAS Notified Body 0062,

At BV BRISBANE, on 01 Sep 2014,

Florin ZAHARIA



This certificate does not allow to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark ) to the products corresponding to this type. To this end, the production-control phase module (D, E or F) of Annex B of the Directive is to be complied with and controlled by a written inspection agreement with a notified body.

This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with BUREAU VERITAS. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. BUREAU VERITAS is designated by the French Maritime Authority as a "notified body" under the terms of the French Regulations Division 140 Chapter 140-2. This certificate is issued within the scope of the General Conditions of BUREAU VERITAS Marine & Offshore Division available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against BUREAU VERITAS for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

The electronic version is available at: <http://www.veristarp.com/veristarnb/jsp/viewPublicPdfTypepec.jsp?id=kgqjzdmboi>

BV Mod. Ad.E 536 May 2009

This certificate consists of 3 page(s)

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION:

I Water Activated/manually released Satellite EPIRB without a float-free mechanism - Type GME-MT403 & GME-MT403G - with integral GPS receiver (Class 2)
II Water Activated/manually released Satellite EPIRB with a float-free mechanism (automatic release mechanism) - Type GME-MT403FF & GME-MT403FG - with integral GPS receiver (Class 2)

1.1 - Main Characteristics:

- Beacon type: Maritime
- Antenna model: Flexible blade integrated with the beacon
- Operating temperature range: -20° C to +55° C (class 2)
- Operating lifetime: 48 hrs
- Beacon Battery type: Li/MnO₂ type: either VARTA (CR 2/3 AH, 5x2 cells) or VARTA (CR 123 A, 5x2 cells)
- Frequency: 406,037 Mhz ± 0.001 Mhz
- UHF Output power: 5 W ± 2dB
- Class of Emission: 16 KOG1D

1.2 - Physical characteristics: (EPIRB only)

- Dimensions: 260(H) x 102(W) x 83(D) mm
- Weight: 535 g

1.3 - Homing device:

- Frequency: 121.5 Mhz ± 0.005 Mhz
- Homer Power (PERP): 50 mW ± 3dB
- Class of Emission: 3K2OA3X

1.4 - Strobe light:

- Brightness: > 0.75 Candela
- Rate: 20/21 flashes per minutes

1.5 - Self-test: Short (MT403 and 403FF) - Long (MT403G and 403FG).

1.6 - Automatic release system: GME.

2. DOCUMENTS AND DRAWINGS:

2.1 - In accordance with the manufacturer's drawings and documents, at latest and at any subsequent issue endorsed by Bureau Veritas:

2.1.1 - Drawings N°s:

- | | | |
|-----------|------------|-----------|
| - 41973-2 | - 41776-11 | - 41576-2 |
| - 41974-1 | - 42719-1 | - 42719-1 |
| - 42383-5 | - 42867-6 | - 42867-6 |
| - 41739-2 | - 42421-2 | - 42421-2 |
| - 41738-2 | - 44089-2 | |
| - 41784-2 | - 44241-2 | |

2.1.2 - Operating instructions:

44212-3, PN 310424 (MT403/403G), 44055-2, P/N 310406 (MT403FF/403FG)

2.1.3 - Technical manual: ED030703-x rev.1 dated 03/Jul./2003.

2.1.4 - Marking ref.: ED051026-04 dated 26/Oct./2005.

2.1.5 - Annex E (Change Notice Form) & Annex J (Beacon QA Plan).

2.1.6 - Protocol serial user / Maritime user / call sign user.

2.1.7 - Approval Submission for C/S ref.: ED070913-04 ed.3 dated 24/Oct./2007.

2.1.8 - Standard Communications annex H- Change notice form dated 11/Jul./2007.

2.1.9 - C/S amended web report for TAC 139 revision date: 09/Nov./2007.

2.1.10 - CR123A Data sheet dated 18/Jul./2006.

2.1.11 - Annex F beacon type approval test results dated Jul./2007.

Nb: This above list can be revised to show changes to drawing and documents issue status.

Before changes can be implemented, new drawings must be provided to Bureau Veritas for review and acceptance.

The new drawing list will be stamped and endorsed accordingly.

3. TEST REPORTS:

3.1 - Type approval certificate:	139 dated 18/Nov./03, amended 24/Feb./04, 23/Dec./04 and 05/Oct./05 issued by COSPAS-SARSAT
3.2 - Test report:	M4586 dated: 28/Nov./2003 issued by Intespace
3.3 - Test report:	ED040520-05 dated 20/May/2004 issued by Standard Communications Pty Ltd.
3.4 - Test report:	ED040414-02 dated 15/Apr./2004 issued by Standard Communications Pty Ltd.
3.5 - Test report:	dated 21/Sep./2004 issued by Geoscience Australia Earth Monitoring Mineral and Geohazards division (Aus. Gov.)
3.6 - Test report:	041115-01 dated: 15/Nov./2004 issued by Standard Communications Pty Ltd.
3.7 - Test report:	ED041012-06 dated 26/Nov./2004 issued by Standard Communications Pty Ltd.
3.8 - Test report:	ED040520-06 dated: 20/May/2004 issued by Standard Communications Pty Ltd.
3.9 - Test reports:	SJ614521-001 & SJ614521-002 & SJ 614521-003 issue 1 & SX614521-001 issue 1 & SX614521-002 issue 1 & SX614521-003 issue 1, SX614521-004 issue 1, SX614521-005 issue 1 dated 13/Sep./05, 13/Sep./05, 7/Oct./05, 13/Sep./05, 23/Sep./05, 11/Oct./05, 23/Sep./05, 26/Sept/05 issued by TÜV
3.10 - Test report:	3110 dated Sep.2005 issued by Cardiff University - tests witnessed by TÜV.
3.11 - Test report:	75901906 THC 01 issue 1 & 75901906 THC 02 issue 1 dated: 02/Aug./2007 issued by TÜV.
3.12. Test Report:	7590 1666 Report 04 issue 2 dated 19/March/2008 issued by TÜV.
3.13 - Type approval certificate:	186 dated 25/Mar./2008 issued by COSPAS-SARSAT

Note: The above tests § 3.3 and § 3.8 were witnessed by a Society's Surveyor.

4. APPLICATION / LIMITATION:

As per requirements of Regulations stated on front page of this certificate.

5. PRODUCTION SURVEY REQUIREMENTS:

This certificate alone does not allow the applicant to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark) to the products corresponding to this type. To this end, the production-control phase module D "Production Quality Assurance" or E "Product Quality Assurance" or F "Product Verification" of Annex B of the Directive is to be complied with and controlled by a written inspection agreement with a Notified Body.

6. MARKING OF PRODUCT:

Provided with a label or labels containing the following information at least in English:

- Type designation, serial number, type of battery specified.
- Date of battery replacement.
- Adequate instruction to enable manual activation, deactivation and self test.
- A warning to the effect that the satellite EPIRB shall not be operated except in an emergency.
- Ship name / Call sign / MMSI N°.
- Class of the EPIRB.
- Identity code programmed, namely hexadecimal representation of bits 26 to 85 of the digital message
- The compass-safe distance.
- Markings as per MED 96/98/EC when authorized by a Notified Body:

☒ YYYY/XX where YYYY is the number of the Notified Body undertaking surveillance module (when BV, 0062) and where XX are the last two digits of year mark affixed.

7. OTHERS:

7.1 - This approval is given on the understanding that the Society reserves the right to require check tests to be carried out on the EPIRB at any time, and that **Standard Communications Pty Ltd., 17 Gibbon Road, Winston Hills - AUSTRALIA** will accept the responsibility for informing shipbuilders or their sub-contractors of the proper methods of use and general maintenance of the EPIRB and of the conditions of this approval.

7.2 - This certificate supersedes EC Type Examination Certificate N° 13686/B1 EC, issued on 18/07/2014 by the Society.

*** END OF CERTIFICATE ***