



UK Approved Body Authorised  
by the MCA



## Marine Equipment UK Assessment Module B Type Examination Certificate

This is to certify that TUV SUD BABT UNLIMITED did undertake the relevant type approval procedures for the type of equipment identified below, which was found to be in compliance with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended, under Annex 1 of the listed Amendment of MSN 1874 for the types of equipment identified.

<b>MSN 1874 Amendment</b>	<b>Amendment 10</b>
<b>Certificate Holder and Manufacturer</b>	<b>McMurdo Limited Holbrook Court E1 Cumberland Business Centre Northumberland Road Southsea PO15 1DS United Kingdom</b>
<b>Product(s)</b>	<b>Z712</b>
<b>Product Sector</b>	<b>Radiocommunications Equipment</b>
<b>Product Type</b>	<b>UK/5.6 406 MHz EPIRB (COSPAS-SARSAT)</b>

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

Valid from: 27 November 2025

(Michael Bower) Expiry Date: 26 November 2030

TÜV SÜD BABT is a UKAS accredited Certification Body No. 0172.  
This certificate has been issued in accordance with the TÜV SÜD Testing, Certification, Validation and Verification 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@tuvsud.com](mailto:BABT@tuvsud.com)



Issued by TUV SUD BABT Unlimited under document number: BABT-UKMA000128 Issue 01

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# Annex to Marine Equipment UK Conformity Assessment Module B Type Examination Certificate

## 1 Equipment Description

Emergency Position Indicating Radio Beacon with AIS (Class 2)

### 1.1 Models

Model
Z712 McMurdo SMARTFIND G8 PLUS AIS EPIRB
Z712 Kannad Marine SAFEPRO PLUS AIS EPIRB
Z712 SAILOR 4065 EPIRB GNSS/AIS

#### 1.1.1 System Components

Model	Description
Z712	406MHz EPIRB
23-108B	Manual Bracket
23-125B	Float-free Enclosure
23-106B	Battery

## 2 Assessed Requirements

### 2.1 MSN 1874 Amendment 10 Annex 1

### 2.2 Compliance Requirements for UK/5.6 Row 1 of 1 Notes 1 & 2

Type approval requirements	Carriage and Performance Requirements
SOLAS 74 Reg. IV/14 SOLAS 74 Reg. X/3 IMO Res. MSC.36(63)-(1994 HSC Code) 14 IMO Res. MSC.97(73)-(2000 HSC Code) 14	SOLAS 74 Reg. IV/7 IMO Res. A.662(16) IMO Res. A.694(17) IMO Res. MSC.36(63)-(1994 HSC Code) 14 IMO Res. MSC.97(73)-(2000 HSC Code) 14 IMO Res. MSC.471(101) IMO COMSAR/Circ.32/Rev.2 ITU-R M.633-4 (12/10) ITU-R M.633-5 (11/23) ITU-R M.690-3 (03/15)
Assessed Testing Standards	
IEC 60945:2002 incl. IEC 60945 Corr. 1:2008	IEC 61097-2 ed4.0:2021

## 3 Technical Documentation

### 3.1 Declaration of Conformity

Z712 DofC Modified 2025-11-18

### 3.2 User Guide

23-235-101 EN Issue 2 SMARTFIND G8 PLUS AIS EPIRB USER MANUAL Dated 2025-02-19  
23-235-102 EN Issue 2 SAFEPRO PLUS AIS EPIRB USER MANUAL Dated 2025-02-19  
23-235-103 EN Issue 2 SAILOR 4065 GNSS AIS EPIRB USER MANUAL Dated 2025-02-19

### 3.3 Test Reports

#### 3.3.1 IEC 61097-2 ed4.0:2021

75956943-07 Issue 02 Issued 2024-07-06  
75956943-10 Issue 01 Issued 2025-08-14  
Z712\_2515001 Dated 2025-04-08  
75956943-01 Issue 02 Issued 2025-09-16  
75931946 Report 05 Issue 2 Issued 2018-02-23

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75956943-06 Issue 01	Issued	2025-07-21
75956943-03 Issue 01	Issued	2025-07-21
7191166085-CHM17-CCK	Issued	2017-07-27
OC-1254-01	Issued	2023-01-31
75956943-08 Issue 01	Issued	2025-08-01
BSH/454.GNSS/003/00013#00004	Issued	2022-12-22
EP2-Z712-19c	Dated	2025-07-18
EP2-Z712-19d	Dated	2025-07-18
102921912LHD-001b	Issued	2017-05-09
103143189LHD-001	Issued	2017-08-16

## 3.3.2 IEC 60945:2002 incl. IEC 60945 Corr. 1:2008

75931946 Report 06 Issue 1	Issued	2017-10-31
75931946 Report 09 Issue 1	Issued	2017-10-27
75956943-02 Issue 01	Issued	2025-07-21
75956943-09 Issue 01	Issued	2025-09-16

## 3.4 Build Status

### 3.4.1 Hardware

Beacon model hardware P/N 1002472: Revision A01		
Z712 Circuit Schematic and PCB	Dated	2025-07-18
Z712 BOM – Parts List	Dated	2025-07-18
23-106B Battery Assembly Issue 2	Dated	2025-03-05
23-108B Manual Bracket Assembly Issue 2	Dated	2023-03-08
23-125B Auto Housing Assembly Issue 2	Dated	2025-03-05

### 3.4.2 Software <sup>Note 3</sup>

Z712 EPIRB Model AIS Release: 1002475 A01

## 3.5 Notes

- Note 1 The Z712 is a Class 2 EPIRB with an operating temperature range of -20°C to +55°C.
- Note 2 Cospas-Sarsat Type Approval has been completed for the Z712 as defined within certificate reference TAC 398, dated 26 November 2025.
- Note 3 This approval remains valid for equipment including subsequent minor software amendments which have been formally accepted in accordance with the TÜV SÜD Testing, Certification, Validation and Verification Regulations.

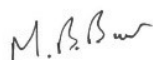
## 4 Conditions of Validity

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 TUV SUD BABT or a person appointed by TUV SUD BABT to perform that role.

During the period of validity of this certificate the applicable regulations (international conventions and the relevant resolutions and circulars of the IMO) and testing standards may change, therefore the product conformity may need to be re-assessed by the Approved Body.

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 Schedule 2 of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended is fully complied with and controlled by a written inspection agreement with an approved body.

Signature:



Date:

27/11/2025

(Michael Bower)

On behalf of TUV SUD BABT UNLIMITED