

# EU Type Examination Certificate

**Certificate No: DK-RED001680 i02**

**Certificate Holder:**

**McMurdo Ltd**

E1 Cumberland Business Centre  
Northumberland Road  
Holbrook Court  
Southsea  
Portsmouth, Hampshire PO5 1DS  
UNITED KINGDOM

**Product Type:**

**Locator Beacon**

**406MHz Personal Locator Beacon with GPS/GALILEO**

**Model(s):**

**FAST FIND RETURN LINK Type: Z450**

We, TÜV SÜD DANMARK ApS, as Notified Body number 2443, have examined the technical documentation and supporting evidence for the above listed equipment and found it to comply with the requirements of Annex III Module B of Radio Equipment Directive 2014/53/EU in relation to the following essential requirements covered by the examination.

**Essential Requirements:**

Article 3.1(a) Health & safety  
Article 3.1(b) EMC  
Article 3.2 Spectrum Usage  
Article 3.3 Particular requirements

This is based upon examination of the following Technical Data file. Please refer to the Annex for further technical details.

**Technical Documentation:**

RED-Z450

**Valid from:**

2022-01-20



( Allen Ferry )

**Total pages:** Page 1 of 3

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 CE marking may be used on the equipment described above subject to the equipment meeting the compliance requirements of all applicable EU directives.

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)

**REDK6 072047 0010 Rev. 00**

TÜV SÜD DANMARK ApS • Strandvejen 125 • 2900 Hellerup • Denmark

# Annex to EU-Type Examination Certificate

## 1 Equipment Description

Personal Locator Beacon

### 1.1 Models

	Model	HW Version	SW Version
Original	FAST FIND RETURN LINK Type: Z450	1001488 Issue C	1002393 Rev A

### 1.2 Supported Functions and Features

#### 1.2.1 Non-radio features

IrDA

#### 1.2.2 Radio features

Radio	Features	Operating Spectrum / Power	
COSPAS -SARSAT	PLB	406 MHz TX	5W
Homer	-	121.5 MHz TX	50mW
GNSS (GPS/Galileo)		1575.42 MHz RX L1 (GPS) E1 (GALILEO)	

### 1.3 Accessories

None

## 2 Assessed Standards

Article 3.1(a)	Article 3.1(b)	Article 3.2	Article 3.3
EN 60950-1:2006/A2:2013 EN 62311:2008	EN 301 489-1 V2.2.3 EN 301 489-19 V2.1.1 EN 301 843-1 V2.2.1 EN 60945:2002: Corr 1 2008	EN 303 413 V1.1.1 EN 302 152-1 V1.1.1	EN 60945:2002, Corr 1 2008 Cospas-Sarsat T.007 Issue 5 Rev 1

## 3 Technical Documentation

### 3.1 Technical Documentation

Technical documentation and supporting evidence were examined and found to comply with the EU-type examination requirements in conjunction with Annex V requirements of the directive.

### 3.2 Declarations

Declaration of Conformity draft

Modified

2021-12-22

# Annex to EU-Type Examination Certificate

## 3.3 Strategic Documentation

RED-Z450 Exhibit 05a - Compliance Rationale	Modified	2020-06-11
RED-Z450 Exhibit 05b - Test justification	Modified	2020-04-16
RED-Z450 Exhibit 04 - Statement of Intended Use	Modified	2020-04-16

## 3.4 Technical Compliance Documentation

### 3.4.1 Article 3.1(a)

071-75942209-000	Issued	2018-09-25
75942209 Report 5	Issued	2018-08-29
RED-Z450-Exhibit 20 - RF exposure exemption	Modified	2020-04-16

### 3.4.2 Article 3.1(b)

75942209-04	Issued	2018-11-25
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### 3.4.3 Article 3.2

75942209-02	Issued	2018-11-30
75942209-03	Issued	2018-11-06
75946554 Report 1	Issued	2020-02-14

### 3.4.4 Article 3.3

75942209-03	Issued	2018-11-06
75946554 Report 1	Issued	2020-02-14

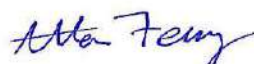
## 4 Additional Information

None.

## 5 Conditions of Validity

None.

Signature:



Date:

2022-01-20

(Allen Ferry)

On behalf of TÜV SÜD DANMARK ApS