

## EU DECLARATION OF CONFORMITY

We, OROLIA Ltd., PB3 5PB Portsmouth – UK, declare under our sole responsibility that the following product:

Product Designation: **Orolia Type Z421 (Fastfind 220)**  
**Orolia Type Z422 (Fastfind Ranger, Safelink SOLO)**

Type or Model: **Personal Locator Beacon**

Firmware version: **A**

Intended usage: This product provides for distress alerting via the Cospas-Sarsat system and for Search And Rescue locating; it provides for voluntary participation in the GMDSS within the maritime mobile service and also, where national administrations permit, for personal emergency alerting within the land mobile service.

to which this declaration relates, has been tested and found to be in compliance with the essential requirements of the Radio Equipment Directive 2014/53/EU. Orolia's radio compliance is unaffected by firmware version.

This product has been tested to verify compliance with the following technical standards:

Requirements	Standards
Article 3.1 (a) Health and Safety	EN 60950-1:2006 + A11:2009 + A1:2010+ A12:2011 + A2:2013 EN 62311:2008
Article 3.1 (b) EMC	EN 301 843-1 V2.2.0 EN 60945:2002
Article 3.2 Use of Radio Spectrum	EN 302 152-1 V1.1.1 EN 303 413 V1.1.1
Article 3.3 Particular requirements	Cospas-Sarsat T.007 Issue 4 EN 60945:2002 EN 303 413 V1.1.1

as stated in the DK-RED000077 i02.01 issued by TÜV SÜD Denmark - Tuborg Boulevard 12, 3rd floor - DK-2900 Hellerup - NB No. 2443.

This document reference N°: DOC19023A

date: 23/10/2019

These products carry the conformity marking:



# Declaration of Conformity

(DK 725 Annex C)

We, MCMURDO Ltd., declare under our sole responsibility that the following products:

Product	Type / Model
FASTFIND 220	Z423
SAFELINK SOLO	Z424
FASTFIND RANGER	Z424
FASTFIND RETURN LINK	Z450

Intended usage
These products provides for distress alerting via the Cospas-Sarsat system and for Search And Rescue locating; it provides for voluntary participation in the GMDSS within the maritime mobile service and also, where national administrations permit, for personal emergency alerting within the land mobile service.

To which this declaration relates, is in conformity with the following standards and/or technical specifications

Articles	Standards
Article 3.1 (a) Health and Safety	EN 62311:2008 EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011+ A2:2013
Article 3.1 (b) EMC	EN 301 843-1 V2.2.1 EN 301 489-1 V2.1.1 EN 301 489-19 V1.2.1 IEC 60945 2002:Corr 1 2008
Article 3.2 Radio Spectrum	Cospas-Sarsat T.007 Issue 5 Rev 1 EN 303 413 V1.1.1 EN 302 152-1 V1.1.1
Article 3.3 Other	IEC 60945 2002:Corr 1 2008 Cospas-Sarsat T.007 Issue 5 Rev 1

We hereby declare that the above-named products are in conformity to all the essential requirements of Directive 2014/53/EU with involvement of the following Notified Body under Annex III Module B of the Directive

<b>Approved Body:</b>	<b>2443</b>
<b>Issued by</b>	TÜV SÜD DANMARK ApS
	Strandvejen 125
	DK-2900 Hellerup, Denmark
<b>Type Examination Certificate No:</b>	DK-RED01193 i03 & DK-RED001245 i03 & DK-RED001680 i02
<b>The technical documentation relevant to the above equipment will be held at:</b>	Netwave Systems BV
	Blauw-Roodlaan 100
	2718 SJ Zoetermeer, The Netherlands

Signature 	Paul Smulders	Place of Issue:	Zoetermeer, the Netherlands
	CEO	Date of Issue:	21 January 2022
	McMurdo Ltd.	Doc Number:	DOC-5000-Z7-02

These Products carry the conformity marking:



Exclusion
The validity of this Declaration of Conformity is limited to the above-named product(s)

# EU Type Examination Certificate

Certificate No: DK-RED000077 i02

Certificate Holder:

Orolia Ltd  
Silver Point  
Airport Service Road  
Portsmouth, Hampshire PO3 5PB  
UNITED KINGDOM

Product Type:

Locator Beacon  
406MHz Personal Locator Beacon with GPS

Model(s):

Z421, Fastfind 220  
Z422, Fastfind Ranger  
Kannad Marine Safelink Solo

We, 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) in respect of Health and Safety  
Article 3.1(b) in respect of EMC  
Article 3.2 in respect of the use of the Radio Spectrum  
Article 3.3 in respect of certain categories or classes

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

Technical Documentation:

TCF RED-PLB3

Valid from:

2019-10-23



( Stephen Milliken )

Total pages: Page 1 of 3

The certificate has been issued in accordance with the Certification Regulations of TÜV SÜD Danmark (Notified Body Number 2443) 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.





Danmark

# Annex to EU-Type Examination Certificate

## 1 Equipment Description

COSPAS-SARSAT Personal Locator Beacon with 121.5 MHz homing transmitter and GPS

### 1.1 Models

	Model	Variant HW/SW Differences	HW Version	SW Version
Original	Z421, Fastfind 220	Enclosure style A	91-150-XXXL Issue 12	91-115Z Issue A
Original	Z422, Fastfind Ranger, Kannad Marine Safelink Solo	Enclosure style B	91-150-XXXL Issue 12	91-115Z Issue A

### 1.2 Supported Functions and Features

#### 1.2.1 Non-radio features

None.

#### 1.2.2 Radio features

Radio	Features	Operating Spectrum / Power	
COSPAS-SARSAT	PLB	406.037 MHz	5 W
Homer	-	121.5 MHz	50mW
GPS	-	L1 : Receive only	

### 1.3 Associated Parts

Model/Part Number	Description
-	-

## 2 Assessed Standards

Article 3.1(a)	Article 3.1(b)	Article 3.2	Article 3.3
EN 60950-1:2006 + A11:2009 +A1:2010 + A12:20011 + A2:2013 EN 62311:2008	EN 301 843-1 V2.2.0 EN 60945:2002	EN 302 152-1 V1.1.1 EN 303 413 V1.1.1	Cospas-Sarsat T.007 Issue 4 EN 60945:2002

## 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

2019-10-23

# Annex to EU-Type Examination Certificate



## 3.3 Strategic Documentation

Compliance Rationale Rev 4

Modified

2017-11-07

## 3.4 Technical Compliance Documentation

### 3.4.1 Article 3.1(a)

071-75904720-000

Issued

2009-02-02

75925516 Report 01 issue 1

Issued

2014-02-19

### 3.4.2 Article 3.1(b)

75904389 Report 12 Issue 1

Issued

2009-02-06

75926812 Report 01 Issue 1

Issued

2014-06-06

75910462 Report 02 Issue 1

Issued

2010-10-22

### 3.4.3 Article 3.2

75904389 Report 05 Issue 1

Issued

2009-02-05

75910462 Report 04 Issue 1

Issued

2010-10-26

75939619-01 Issue 01

Issued

2017-11-01

### 3.4.4 Article 3.3

75904389 Report 03 Issue 3

Issued

2009-01-30

75904389 Report 01 Issue 3

Issued

2009-01-30

## 4 Additional Information

None.

## 5 Conditions of Validity

None.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_ 2019-10-23

On behalf of TÜV SÜD Denmark

# EU Type Examination Certificate

**Certificate No: BABT-RED01193 i03**

**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):**

## Fastfind 220, Type: Z423

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-Z423

**Valid from:**

2022-01-20

Allen Fey

( 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.

# Annex to EU-Type Examination Certificate

## 1 Equipment Description

Personal Locator Beacon

### 1.1 Models

	Model	HW Version	SW Version
Original	Z423, Fastfind 220 PLB	1001488 Issue A	1001767 Issue A01

### 1.2 Supported Functions and Features

#### 1.2.1 Non-radio features

USB

#### 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 V2.1.1 EN 301 489-19 V1.2.1 EN 301 843-1 V2.2.1 EN 60945:2002	EN 303 413 V1.1.1 EN 302 152-1 V1.1.1	EN 60945:2002 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





Danmark

## Annex to EU-Type Examination Certificate

### 3.3 Strategic Documentation

RED-Z423 Exhibit 05a Rev01- Compliance Rationale	Modified	2019-01-10
RED-Z423-Exhibit 05b Rev01- Test justification	Modified	2019-01-10
RED-Z423 Exhibit 04 - Statement of Intended Use	Modified	2018-12-06

### 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-Z423-Exhibit 20 - RF exposure exemption	Modified	2019-01-14

#### 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
75942209-14	Issued	2018-11-27

#### 3.4.4 Article 3.3

75942209-03	Issued	2018-11-06
75942209-06	Issued	2018-09-26
75942209-14	Issued	2018-11-27

## 4 Additional Information

None.

## 5 Conditions of Validity

None.

Signature:

Date:

2022-01-20

Print Name:

(Allen Ferry)

On behalf of TÜV SÜD DANMARK ApS

*Fast Find*

<b>200/201 Battery Kit</b>	<b>91-050-001A</b>
<b>210/211 Battery Kit</b>	<b>91-050-420A</b>
<b>220 PLB Battery Kit</b>	<b>91-050-220A</b>
<b>Ranger PLB Battery Kit</b>	<b>91-050-221A</b>

*Kannad Marine*

<b>SOLO PLB Battery Kit</b>	<b>K91-050-003A</b>
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*Kannad Aviation*

<b>XS-4 GPS PLB Battery Kit</b>	<b>91-050-002A</b>
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Manufacturer: Orolia Ltd

Description: the product is a battery replacement kit for a range of emergency Personal Locator Beacons. It includes two separate battery packs. Each pack contains two small hermetically-sealed primary Lithium – Manganese Dioxide cells, enclosed within a single heat-shrunk plastic casing which incorporates physical and electrical short-circuit protection.

## Use Information

The product has a limited service life: see label for expiry date.

The product contains no user-serviceable parts.

The product should only be fitted to a beacon by qualified service personnel.

DO NOT ATTEMPT TO DISMANTLE.

DO NOT ATTEMPT TO RECHARGE THE BATTERIES.

## Hazardous Substances

Under EC and US legislation this product is classified as a manufactured article, which does not result in exposure to any hazardous chemicals under normal conditions of use. As such the product does not require a Material Safety Data Sheet, and the following information is provided as a courtesy:

The Lithium content of each product is 2.32 g.

The cells within the product may contain the following active ingredients, by CAS number and name:

1313-13-9	Manganese Dioxide
108-32-7	Propylene Carbonate
110-71-4	1,2-Dimethoxy Ethane
7439-93-2	Lithium Metal
7791-03-9	Lithium Perchlorate
33454-82-9	Lithium Trifluoromethane Sulfonate

No chemical hazard will be posed as long as the cells remain in their sealed condition.

This information is given in good faith, and is believed to be accurate at the date of preparation. Orolia Ltd makes no warranty, either express or implied, with respect to this information, and disclaims all liability from reference on it.

## Transport Information

Class:	Class 9
UN Number:	UN3090
UN Description:	Lithium Metal Batteries
IATA Packing Instruction for Air:	968 Section 1A
Packing Instruction for Road & Sea:	P903
Net Quantity:	0.068 kg

## Disposal Information

DO NOT INCINERATE.

DO NOT ATTEMPT TO DISMANTLE.

DO NOT DISCARD IN DOMESTIC WASTE.

At the end of the product's useful life, it is vital that the battery packs be disconnected from the main unit to prevent false alarms. False alarms cause expensive disruption to Search and Rescue services and may endanger lives as a consequence.

This operation should only be performed by qualified service personnel.

This product should be disposed of in a sensible and considerate manner, and in accordance with local regulations. Take it to a civil recycling facility, or contact Orolia for advice.

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## **Green Passport: Ship Recycling Information**

Orolia Ltd hereby declares potentially hazardous content in some of its electronic products.

Small amounts of the following substances may be present: beryllium oxide, lithium, lead (in older products), brominated flame retardants, glass.

In keeping with European directive 2002/96/EC (Waste Electronic and Electrical Equipment) and the provisions of IMO Resolution A.962(23) (Guidelines On Ship Recycling), Orolia strongly recommends that its products, including any battery packs, be disposed of in a considerate and legal manner. Additional information, concerning the disposal of equipment can also be found in the relevant equipment User Manual, under the heading: End of Life Statement.





Product Safety Information  
FastFind 220 / Ranger PLB Battery Kits  
Safelink SOLO PLB Battery Kits

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## **FastFind 220 / Ranger PLB Battery Kits Safelink SOLO PLB Battery Kits**

McMurdo FastFind 220	<b>1001954</b>
McMurdo FastFind RANGER	<b>1001953</b>
Kannad SOLO	<b>1001952</b>

Manufacturer: Orolia Ltd

Description: the product is a replacement Battery Kits for a range of marine emergency distress beacons. The Kit consists two packs each containing two small batteries primary Lithium – Iron Disulfide cells.

### **Use Information**

The batteries in this product have a limited service life: see label for expiry date.

The product contains no user-serviceable parts.

The product should only be disassembled by qualified service personnel.

DO NOT ATTEMPT TO RECHARGE THE BATTERIES.

### **Hazardous Substances**

Under EC and US legislation this product is classified as a manufactured article, which does not result in exposure to any hazardous chemicals under normal conditions of use. As such the product does not require a Material Safety Data Sheet, and the following information is provided as a courtesy:

The Lithium content of each product is less than 2.32 g.

The cells within the product may contain the following active ingredients, by CAS number and name:

1001952	Manganese-Dioxide
7439-93-2	Lithium Metal
7439-89-6	Iron
7440-44-0	Carbon
9003-07-0	Polypropylene
9002-88-4	Polyethylene
110-71-4	SVHC Substances according to REACH (Article 33) 1,2-dimethoxyethane; ethyleneglycol dimethyl ether (EGDME)*

No chemical hazard will be posed as long as the cells remain in their sealed condition.

This information is given in good faith, and is believed to be accurate at the date of preparation. Orolia Ltd makes no warranty, either express or implied, with respect to this information, and disclaims all liability from reference on it.



Product Safety Information  
FastFind 220 / Ranger PLB Battery Kits  
Safelink SOLO PLB Battery Kits

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## Transport Information

Class:	Class 9
UN Number:	UN3090
UN Description:	Lithium Metal Batteries
IATA Packing Instruction for Air:	968 Section IA
Packing Instruction for Road & Sea:	P903
Net Quantity:	0.0680 kg

## Disposal Information

DO NOT INCINERATE.

DO NOT ATTEMPT TO DISMANTLE.

DO NOT DISCARD IN DOMESTIC WASTE.

This product should be disposed of in a sensible and considerate manner, and in accordance with local regulations. Take it to a civil recycling facility, or contact Orolia for advice.

## Green Passport: Ship Recycling Information

Orolia Ltd hereby declares potentially hazardous content in some of its electronic products.

Small amounts of the following substances may be present: beryllium oxide, lithium, lead (in older products), brominated flame retardants, glass.

In keeping with European directive 2012/19/EU (Waste Electronic and Electrical Equipment) and the provisions of IMO Resolution A.962(23) (Guidelines On Ship Recycling), Orolia strongly recommends that its products, including any battery packs, be disposed of in a considerate and legal manner. Additional information, concerning the disposal of equipment can also be found in the relevant equipment User Manual, under the heading: End of Life Statement.

*Fast Find*

<b>200 PLB</b>	<b>91-001-200A</b>
<b>201 PLB</b>	<b>91-001-201A</b>
<b>210 PLB</b>	<b>91-001-210A</b>
<b>211 PLB</b>	<b>91-001-211A</b>
<b>220 PLB</b>	<b>91-001-220A</b>
<b>220 PLB Canada</b>	<b>91-001-222A</b>
<b>220 PLB MoD</b>	<b>91-001-227A</b>
<b>Ranger PLB</b>	<b>91-001-420A</b>
<b>Ranger Canada</b>	<b>91-001-422A</b>

*Kannad Aviation*

<b>XS-4 GPS</b>	<b>K91-001-110A</b>
	<b>K91-001-111A</b>
	<b>K91-001-112A</b>

*Kannad Marine*

<b>Safelink SOLO PLB</b>	<b>K91-001-310A</b>
	<b>K91-001-311A</b>
<b>Safelink SOLO PLB BIM</b>	<b>K91-001-313A</b>

Manufacturer:

Orolia Ltd

Description: the product is an emergency Personal Locator Beacon powered by Lithium batteries. Sealed inside the product, the batteries are in two packs each containing two small hermetically sealed pressurised primary Lithium – Manganese Dioxide cells. Each pack has its own heat-shrunk plastic casing, and incorporates physical and electrical short-circuit protection.

## Use Information

The batteries in this product have a limited service life: see label for expiry date.

The product contains no user-serviceable parts.

The product should only be disassembled by qualified service personnel.

DO NOT ATTEMPT TO RECHARGE THE BATTERIES.

## Hazardous Substances

Under EC and US legislation this product is classified as a manufactured article, which does not result in exposure to any hazardous chemicals under normal conditions of use. As such the product does not require a Material Safety Data Sheet, and the following information is provided as a courtesy:

The Lithium content of each product is 2.32 g.

The cells within the product may contain the following active ingredients, by CAS number and name:

1313-13-9	Manganese Dioxide
108-32-7	Propylene Carbonate
110-71-4	1,2-Dimethoxy Ethane
7439-93-2	Lithium Metal
7791-03-9	Lithium Perchlorate
33454-82-9	Lithium Trifluoromethane Sulfonate

No chemical hazard will be posed as long as the cells remain in their sealed condition.

This information is given in good faith, and is believed to be accurate at the date of preparation. Orolia Ltd makes no warranty, either express or implied, with respect to this information, and disclaims all liability from reference on it.

## Transport Information

Class:	Class 9
UN Number:	UN3091
UN Description:	Lithium Metal Batteries Contained in Equipment
IATA Packing Instruction for Air:	970 Section 1
Packing Instruction for Road & Sea:	P903
Net Quantity:	0.068 kg

## Disposal Information

DO NOT INCINERATE.

DO NOT DISCARD IN DOMESTIC WASTE.

At the end of the product's useful life, it is vital that the battery packs be disconnected from the main unit to prevent false alarms. False alarms cause expensive disruption to Search and Rescue services and may endanger lives as a consequence.

This operation should only be performed by qualified service personnel.

This product should be disposed of in a sensible and considerate manner, and in accordance with local regulations. Take it to a civil recycling facility, or contact Orolia for advice.



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## **Green Passport: Ship Recycling Information**

Orolia Ltd hereby declares potentially hazardous content in some of its electronic products.

Small amounts of the following substances may be present: beryllium oxide, lithium, lead (in older products), brominated flame retardants, glass.

In keeping with European directive 2002/96/EC (Waste Electronic and Electrical Equipment) and the provisions of IMO Resolution A.962(23) (Guidelines On Ship Recycling), Orolia strongly recommends that its products, including any battery packs, be disposed of in a considerate and legal manner. Additional information, concerning the disposal of equipment can also be found in the relevant equipment User Manual, under the heading: End of Life Statement.



Product Safety Information  
FastFind 220 / Ranger PLB Battery Kits  
Safelink SOLO PLB Battery Kits

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*McMurdo*

<b>FastFind 220</b>	<b>91-001-220A-C</b>
	<b>91-001-222A-C</b>
	<b>91-001-223A-C</b>

<b>FastFind Ranger</b>	<b>91-001-420A-C</b>
	<b>91-001-422A-C</b>

*Kannad Marine*

<b>Safelink SOLO</b>	<b>K91-001-310A-C</b>
	<b>K91-001-311A-C</b>
	<b>K91-001-311-61A-B</b>
	<b>K91-001-312A-C</b>
	<b>K91-001-313A-B</b>
	<b>K91-001-314A-A</b>

Manufacturer:	Orolia Ltd
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Description: the product is an emergency Personal Locator Beacon powered by Lithium batteries. Sealed inside the product, the batteries are in a pack containing seven small hermetically-sealed primary Lithium – Iron Disulfide cells. The pack has its own plastic casing, and incorporates physical and electrical short-circuit protection.

## Use Information

The batteries in this product have a limited service life: see label for expiry date.

The product contains no user-serviceable parts.

The product should only be disassembled by qualified service personnel.

DO NOT ATTEMPT TO RECHARGE THE BATTERIES.

## Hazardous Substances

Under EC and US legislation this product is classified as a manufactured article, which does not result in exposure to any hazardous chemicals under normal conditions of use. As such the product does not require a Material Safety Data Sheet, and the following information is provided as a courtesy:

The Lithium content of each product is less than 2.32 g.



Product Safety Information  
FastFind 220 / Ranger PLB Battery Kits  
Safelink SOLO PLB Battery Kits

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The cells within the product may contain the following active ingredients, by CAS number and name:

1001952	Manganese-Dioxide
7439-93-2	Lithium Metal
7439-89-6	Iron
7440-44-0	Carbon
9003-07-0	Polypropylene
9002-88-4	Polyethylene
110-71-4	SVHC Substances according to REACH (Article 33) 1,2-dimethoxyethane; ethyleneglycol dimethyl ether (EGDME)*

No chemical hazard will be posed as long as the cells remain in their sealed condition.

This information is given in good faith, and is believed to be accurate at the date of preparation. Orolia Ltd makes no warranty, either express or implied, with respect to this information, and disclaims all liability from reference on it.

## Transport Information

Class:	Class 9
UN Number:	UN3091
UN Description:	Lithium Metal Batteries Contained in Equipment
IATA Packing Instruction for Air:	970 Section IA
Packing Instruction for Road & Sea:	P903
Net Quantity:	0.068 kg

## Disposal Information

DO NOT INCINERATE.

DO NOT DISCARD IN DOMESTIC WASTE.

At the end of the product's useful life, it is vital that the battery packs be disconnected from the main unit to prevent false alarms. False alarms cause expensive disruption to Search and Rescue services and may endanger lives as a consequence.

Instructions on battery removal can be found in the End Of Life Statement in the product User Manual. This operation should only be performed by qualified service personnel.

This product should be disposed of in a sensible and considerate manner, and in accordance with local regulations. Take it to a civil recycling facility, or contact Orolia for advice.

## Green Passport: Ship Recycling Information

Orolia Ltd hereby declares potentially hazardous content in some of its electronic products.

Small amounts of the following substances may be present: beryllium oxide, lithium, lead (in older products), brominated flame retardants, glass.

In keeping with European directive 2012/19/EU (Waste Electronic and Electrical Equipment) and the provisions of IMO Resolution A.962(23) (Guidelines On Ship Recycling), Orolia strongly recommends that its products, including any battery packs, be disposed of in a considerate and legal manner. Additional information, concerning the disposal of equipment can also be found in the relevant equipment User Manual, under the heading: End of Life Statement.

**TCB****GRANT OF EQUIPMENT  
AUTHORIZATION****TCB****Certification****Issued Under the Authority of the  
Federal Communications Commission****By:****TUV SUD BABT****Date of Grant: 02/25/2009****Application Dated: 02/25/2009****Orolia Ltd  
Silver Point  
Airport Service Road  
Portsmouth, PO3 5PB  
United Kingdom****Attention: Michael Bower , Approvals Coordinator****NOT TRANSFERABLE**

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE,  
and is VALID ONLY for the equipment identified hereon for use under the  
Commission's Rules and Regulations listed below.

**FCC IDENTIFIER: KLS-PLB-3****Name of Grantee: Orolia Ltd****Equipment Class: Personal Locator Beacons****Notes: Fastfind**

<u>Grant Notes</u>	<u>FCC Rule Parts</u>	<u>Frequency Range (MHZ)</u>	<u>Output Watts</u>	<u>Frequency Tolerance</u>	<u>Emission Designator</u>
	<b>95K</b>	<b>121.5 - 121.5</b>	<b>0.05</b>	<b>3000.0 Hz</b>	<b>3K20A3X</b>
	<b>95K</b>	<b>406.037 - 406.037</b>	<b>5.0</b>	<b>1000.0 Hz</b>	<b>16K0G1D</b>



**TCB****GRANT OF EQUIPMENT  
AUTHORIZATION****TCB**

**Certification**  
**Issued Under the Authority of the**  
**Federal Communications Commission**  
**By:**

**TUV SUD BABT****Date of Grant: 01/24/2019****Application Dated: 01/24/2019****Orolia Ltd****Attention: Erwan Thomas , Certification and hardware engineer****NOT TRANSFERABLE**

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE,  
and is VALID ONLY for the equipment identified hereon for use under the  
Commission's Rules and Regulations listed below.

**FCC IDENTIFIER:** KLS-Z423**Name of Grantee:** Orolia Ltd**Equipment Class:** Personal Locator Beacons**Notes:** Personal Locator Beacon

<u>Grant Notes</u>	<u>FCC Rule Parts</u>	<u>Frequency Range (MHZ)</u>	<u>Output Watts</u>	<u>Frequency Tolerance</u>	<u>Emission Designator</u>
	<b>95K</b>	<b>406.031 - 406.031</b>	<b>5.0</b>	<b>1000.0 Hz</b>	<b>16K0G1D</b>
	<b>95K</b>	<b>121.5 - 121.5</b>	<b>0.05</b>	<b>3500.0 Hz</b>	<b>3K20A3X</b>

Output power is peak conducted.

