

McMurdo FastFind 220

McMurdo FastFind 220 Personal Locator Beacon User Manual

Model: FastFind 220 | Brand: McMurdo

1. INTRODUCTION

The McMurdo FastFind 220 is a Personal Locator Beacon (PLB) designed to transmit distress signals in emergency situations. This device is pre-programmed for registration with the US country code, meaning that in an emergency, the initial point of contact will be the US Search and Rescue authorities. While the FastFind 220 functions globally, its registration is tied to US search and rescue protocols. This manual provides essential information for the proper setup, operation, and maintenance of your FastFind 220 PLB.



Figure 1: McMurdo FastFind 220 Personal Locator Beacon and its packaging. The image shows two yellow beacons, one in front of the packaging and one held by a hand, with a graphic of a rescue helicopter in the background.

2. IMPORTANT SAFETY INFORMATION

The FastFind 220 PLB is intended for use only in situations of grave and imminent danger to life. Misuse of this device can have serious consequences. Please read and understand the following:

- **Grave and Imminent Danger:** Activate the PLB only when your life is in immediate peril and all other means of communication or self-rescue have failed or are unavailable.
- **False Alerts:** Deliberate misuse or accidental activation resulting in a false alert endangers lives and causes significant disruption and expense to Search and Rescue (SAR) services. Such actions may result in legal penalties.
- **Registration is Mandatory:** In most countries, including the US, registering your PLB is a legal requirement. Registration provides SAR teams with vital information about your identity, emergency contacts, and travel plans, which is crucial for a timely and effective rescue operation. Without this information, rescue efforts may be delayed.

- **US Programming:** This specific FastFind 220 unit is pre-programmed for registration with US authorities. If you intend to register and use the device outside of the US, you must obtain a unit programmed for "Rest of World" or arrange for reprogramming through an authorized service.

3. SETUP AND REGISTRATION

3.1 Unboxing and Initial Inspection

Upon receiving your FastFind 220 PLB, carefully remove it from its packaging. Inspect the device for any visible damage. Ensure that the anti-tamper seal is intact and that the antenna is properly stowed. The package should include the device and a pouch.

3.2 Product Registration

Registration of your Personal Locator Beacon is a critical step and is legally required in the United States. This process links your unique beacon identification code to your personal information, emergency contacts, and vessel/aircraft details (if applicable). This information is essential for Search and Rescue (SAR) teams to identify you and initiate an appropriate response in an emergency.

- **Where to Register:** For US-programmed units, registration is typically done with the National Oceanic and Atmospheric Administration (NOAA). Visit the official NOAA beacon registration website for instructions and to complete your registration.
- **Information Required:** You will need to provide personal details, emergency contact information, and details about your planned activities or vessel/aircraft.
- **Keep Information Updated:** It is crucial to keep your registration information current. Any changes to your contact details, emergency contacts, or typical travel plans should be updated promptly.

Failure to register your PLB or keep its information updated can severely hinder rescue efforts.





Figure 2: The McMurdo FastFind 220 Personal Locator Beacon securely placed within its protective pouch, ready for transport or storage.

4. OPERATING THE FASTFIND 220 PLB

4.1 Performing a Self-Test

Regular self-tests ensure your PLB is functioning correctly without transmitting a false distress signal. Refer to the device's specific instructions for initiating a self-test. Typically, this involves pressing and holding the "TEST" button for a short duration. The device will indicate a successful test, often with a flashing light or audible signal.



FIND

220

PLB

TEST

OFF

GPS 

**PERSONAL LOCATOR
BEACON**

Figure 3: A detailed view of the front face of the FastFind 220 PLB, highlighting the central 'TEST' button and the 'OFF' position indicator below it. The 'FastFind 220 PLB' branding is clearly visible.

4.2 Activating the PLB in an Emergency

In a genuine life-threatening emergency, follow these steps to activate your FastFind 220 PLB:

- 1. Deploy the Antenna:** Locate the antenna and extend it fully. The antenna must be upright and unobstructed for optimal signal transmission.
- 2. Remove Anti-Tamper Seal:** Break or remove the anti-tamper seal that protects the activation mechanism. This seal is designed to prevent accidental activation.
- 3. Press the ON Button:** Press and hold the designated ON button until the activation indicator (usually an LED light) confirms the device is transmitting.
- 4. Position for Best Signal:** Place the activated PLB in an open area with a clear view of the sky. Ensure the antenna remains upright and unobstructed. This allows the device to acquire GPS coordinates and transmit the distress signal to satellites.



Figure 4: A side profile of the FastFind 220 PLB, illustrating the top section with clear visual instructions (numbered 1, 2, 3) for deploying the antenna and activating the device. The '406' marking is also visible.

4.3 Signal Transmission

Once activated, the FastFind 220 transmits a distress signal on the 406 MHz frequency to the Cospas-Sarsat satellite system. It also transmits a homing signal on 121.5 MHz to aid local Search and Rescue teams in pinpointing your exact location. The integrated GPS receiver provides accurate location data, significantly speeding up rescue operations.

4.4 Deactivating the PLB

To deactivate the PLB after an emergency or accidental activation, refer to the specific instructions on the device or in the full manufacturer's manual. Typically, this involves moving the switch to the "OFF" position or pressing a specific button sequence. If an accidental activation occurs, immediately contact the relevant Search and Rescue authority (e.g., US Coast Guard or NOAA) to report the false alarm and prevent unnecessary deployment of rescue resources.

5. MAINTENANCE

Proper maintenance ensures the reliability of your FastFind 220 PLB when it is most needed.

- **Regular Visual Inspection:** Periodically inspect the device for any signs of damage, cracks, or corrosion. Ensure the antenna is intact and the anti-tamper seal is in place.
- **Battery Life:** The FastFind 220 has a long-life internal battery. Check the battery expiry date marked on the device. Do not attempt to replace the battery yourself; contact an authorized service center for battery replacement when due.
- **Cleaning:** Clean the exterior of the device with a damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the device is completely dry before storage.
- **Storage:** Store the PLB in a cool, dry place, away from direct sunlight and extreme temperatures. Keep it protected from physical impact.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your FastFind 220 PLB.

- **Device Fails Self-Test:** If the self-test indicates a failure, ensure the device is fully charged (if applicable) and that the antenna is not obstructed. If the issue persists, contact McMurdo support or an authorized service center.
- **Accidental Activation:** If the PLB is accidentally activated, immediately contact the appropriate Search and Rescue authority (e.g., US Coast Guard or NOAA) to report the false alarm. Provide your beacon's unique identification number and your location.
- **No GPS Fix:** In some environments (e.g., dense foliage, indoors, deep canyons), the PLB may take longer to acquire a GPS fix or may not acquire one at all. Ensure the device has a clear view of the sky when activated. The 406 MHz signal will still transmit without GPS, but location accuracy will be reduced.

7. SPECIFICATIONS

Feature	Detail
Model	FastFind 220
Brand	McMurdo
Product Dimensions	4.33 x 1.18 x 4.33 inches
Item Weight	14.9 ounces
Connectivity Technology	RF (Radio Frequency)
Special Feature	Travel
Human Interface Input	Buttons
Color	Yellow (Programmed for US)
Included Components	Device, pouch
Manufacturer	McMurdo
Date First Available	January 27, 2020

8. WARRANTY INFORMATION

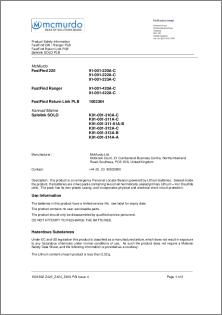
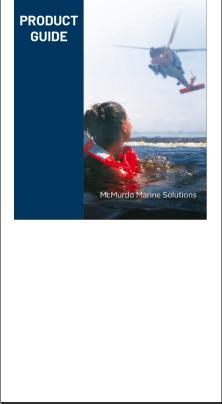
Specific warranty details for the McMurdo FastFind 220 Personal Locator Beacon are not provided in this document. For comprehensive warranty terms and conditions, please refer to the documentation included with your product at the time of purchase or visit the official McMurdo website.

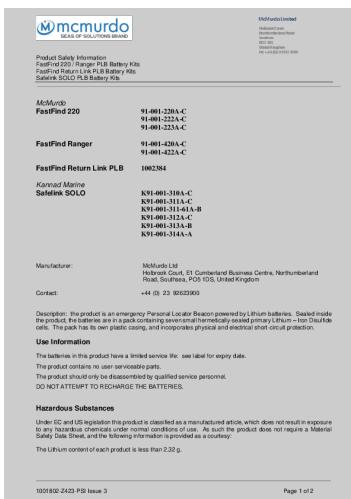
9. CUSTOMER SUPPORT

For technical assistance, service, or further inquiries regarding your McMurdo FastFind 220 PLB, please visit the official McMurdo website or contact their customer support directly. Contact information and support resources are typically available on the manufacturer's website.

Manufacturer Website: www.mcmurdogroup.com

Related Documents

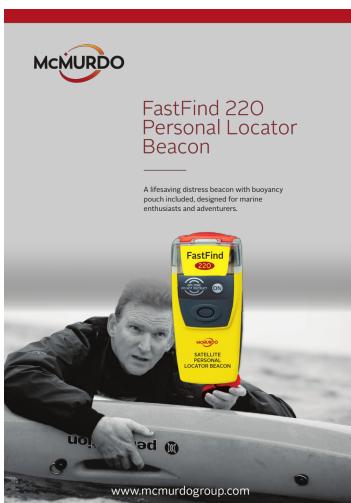
	<p>McMurdo FastFind & Safelink PLB Product Safety Information Lithium Battery Handling & Disposal</p> <p>Comprehensive product safety information for McMurdo FastFind 220, FastFind Ranger, FastFind Return Link PLB, and Kannad Marine Safelink SOLO Personal Locator Beacons, covering lithium battery details, transport, and disposal guidelines.</p>
	<p>McMurdo Fast Find 220 PLB Installation Guide for Atlas 190 Hammar Life Jacket</p> <p>Step-by-step instructions for fitting the McMurdo Fast Find 220 Personal Locator Beacon (PLB) to the Atlas 190 Hammar Life Jacket, ensuring safe and correct operation.</p>
	<p>McMurdo Fast Find 220 ELITE 190 PFD Fitting Instructions</p> <p>Step-by-step guide on how to fit the McMurdo Fast Find 220 Personal Locator Beacon (PLB) into an ELITE 190 Inflatable Personal Flotation Device (PFD). Includes instructions for attaching the cord and securing the device.</p>
	<p>McMurdo Marine Safety & Communication Solutions: PLBs, EPIRBs, MOB, VHF Radios</p> <p>Explore McMurdo's comprehensive range of marine safety equipment, including advanced PLBs, EPIRBs, AIS SARTs, MOB beacons, and GMDSS VHF radios, designed for reliable distress alerting and communication at sea.</p>



[\[pdf\] Label](#)

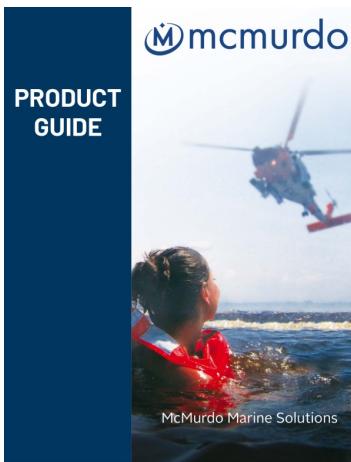
HKK McMurdo FastFind 220 Seas Of Solutions 1001802 Z423 Z424 Z450 PSI Issue 3 seasofsolutions 2022 05 |||

Product Safety Information FastFind 220 / Ranger PLB Battery Kits FastFind Return Link PLB Battery Kits Safelink SOLO PLB Battery Kits McMurdo FastFind 220 FastFind Ranger FastFind Return Link PLB Kannad Marine Safelink SOLO 91-001-220A-C 91-001-222A-C 91-001-223A-C 91-001-420A-C 91-001-422A-C 100...
lang:en **score:37** filesize: 118.71 K page_count: 2 document date: 2021-10-20



[\[pdf\] User Manual Borchure](#)

FastFind 220 Personal Locator Beacon Activation Manual three stage Self test Tests transmitters battery and light ~,m m ~mm ~mm McMurdo Group The industry s first end to life saving tracking solutions provider Distress Beacons Satellite Connectivity Infrastructure Monitoring Positioning Software Emergency Response Management Service Support 45016BR productimageserver literature brochure FastFind 220 Personal Locator Beacon A lifesaving distress beacon with buoyancy pouch included, designed for marine enthusiasts and adventurers. FastFind Satellite Personal Locator Beacon www.mcmurdogroup.com FastFind 220 The FastFind 220 Personal Locator Beacon PLB uses advanced technology pac...
lang:en **score:36** filesize: 1.28 M page_count: 3 document date: 2015-01-19



[McMurdo Marine Safety & Communication Solutions: PLBs, EPIRBs, MOB, VHF Radios](#)

Explore McMurdo's comprehensive range of marine safety equipment, including advanced PLBs, EPIRBs, AIS SARTs, MOB beacons, and GMDSS VHF radios, designed for reliable distress alerting and communication at sea.

lang:en **score:36** filesize: 11.56 M page_count: 29 document date: 2023-02-14

 Declaration of Conformity <small>(BART 725 Annex C)</small>		McMurdo Ltd Holbrook Court E1 Cumberland Business Centre, Northumberland Road, Southsea - UK, PO5 1DS, United Kingdom Phone: +44 1043 810000 Email: seasofsolutions@mcmurdo.com																																		
<p>We, McMURDO Ltd, Holbrook Court, E1 Cumberland Business Centre, Northumberland Road, Southsea - UK, declare under our sole responsibility that the following product:</p> <table border="1"> <tr> <td>Product</td> <td>Type / Model</td> </tr> <tr> <td>FASTFIND 220</td> <td>Z423</td> </tr> <tr> <td>SAFLINK SOLO</td> <td>Z424</td> </tr> <tr> <td>FASTFIND RANGER</td> <td>Z424</td> </tr> <tr> <td>FASTFIND RETURN LINK</td> <td>Z450</td> </tr> </table> <p>Intended usage This product provides for distress alerting via the Cospas-Sarsat system and the Search And Rescue locating. It provides for voluntary participation in the GMSS within the maritime mobile service and also, where national administrations permit, for personal emergency alerting within the land mobile service.</p> <p>To which this declaration relates, is in conformity with the following designated standards and/or technical specifications:</p> <table border="1"> <tr> <td>Regulation</td> <td>Standard</td> </tr> <tr> <td>Regulation (EC)10/2008</td> <td>EN 62311-2:2008</td> </tr> <tr> <td>Health and Safety</td> <td>EN 60950-1:2006+A11:2009+A12:2010+A12:2011+A2:2013</td> </tr> <tr> <td>EMC</td> <td>EN 61000-6-2:2007+A1:2009+A2:2011</td> </tr> <tr> <td>Regulation (EC)13/2008</td> <td>EN 301 493-1 V2.1.1</td> </tr> <tr> <td>Regulation (EC)14/2008</td> <td>EN 301 493-2 V2.1.1</td> </tr> <tr> <td>Regulation (EC)15/2008</td> <td>EN 301 493-3 V2.1.1</td> </tr> <tr> <td>Regulation (EC)16/2008</td> <td>EN 301 493-4 V2.1.1</td> </tr> <tr> <td>Regulation 6/21</td> <td>Corrigendum 1 to EN 301 493-5 Rev 1</td> </tr> <tr> <td>RoHS</td> <td>EN 60065:2002+A1:2005+A2:2008</td> </tr> <tr> <td>Regulation 5/2009</td> <td>IEC 60950-2000:2000/Cer 1 2008</td> </tr> <tr> <td>Additional model requirements</td> <td>Corrasar Satcom Issue 5 Rev 1</td> </tr> </table> <p>We hereby declare that the above-named products are in conformity to the requirements with the Radio Equipment Directive 2014/53/EU and with the UKCA Radio Equipment Regulation 2017 with the involvement of the following UK Market Conformity Assessment Body under Schedule 3 Module B of the Regulation.</p> <p>Registration Number: 0005/2020 Registration Office: United Kingdom Registration Date: 01/01/2020 Registration Number: 0005/2020 All documents are subject to our General Terms and Conditions available at www.mcmurdo.com</p>			Product	Type / Model	FASTFIND 220	Z423	SAFLINK SOLO	Z424	FASTFIND RANGER	Z424	FASTFIND RETURN LINK	Z450	Regulation	Standard	Regulation (EC)10/2008	EN 62311-2:2008	Health and Safety	EN 60950-1:2006+A11:2009+A12:2010+A12:2011+A2:2013	EMC	EN 61000-6-2:2007+A1:2009+A2:2011	Regulation (EC)13/2008	EN 301 493-1 V2.1.1	Regulation (EC)14/2008	EN 301 493-2 V2.1.1	Regulation (EC)15/2008	EN 301 493-3 V2.1.1	Regulation (EC)16/2008	EN 301 493-4 V2.1.1	Regulation 6/21	Corrigendum 1 to EN 301 493-5 Rev 1	RoHS	EN 60065:2002+A1:2005+A2:2008	Regulation 5/2009	IEC 60950-2000:2000/Cer 1 2008	Additional model requirements	Corrasar Satcom Issue 5 Rev 1
Product	Type / Model																																			
FASTFIND 220	Z423																																			
SAFLINK SOLO	Z424																																			
FASTFIND RANGER	Z424																																			
FASTFIND RETURN LINK	Z450																																			
Regulation	Standard																																			
Regulation (EC)10/2008	EN 62311-2:2008																																			
Health and Safety	EN 60950-1:2006+A11:2009+A12:2010+A12:2011+A2:2013																																			
EMC	EN 61000-6-2:2007+A1:2009+A2:2011																																			
Regulation (EC)13/2008	EN 301 493-1 V2.1.1																																			
Regulation (EC)14/2008	EN 301 493-2 V2.1.1																																			
Regulation (EC)15/2008	EN 301 493-3 V2.1.1																																			
Regulation (EC)16/2008	EN 301 493-4 V2.1.1																																			
Regulation 6/21	Corrigendum 1 to EN 301 493-5 Rev 1																																			
RoHS	EN 60065:2002+A1:2005+A2:2008																																			
Regulation 5/2009	IEC 60950-2000:2000/Cer 1 2008																																			
Additional model requirements	Corrasar Satcom Issue 5 Rev 1																																			



[pdf] Specifications Declaration of Conformity

McMurdo FastFind 220 Seas Of Solutions RED DOC 5000 Z7 03 UKCA seasofsolutions 2022 05 |||

McMurdo Ltd. Holbrook Court E1 Cumberland Business Centre Northumberland Road Southsea PO5 1DS, Unit ... and Road, Southsea UK, declare under our sole responsibility that the following products: Product **FASTFIND 220 SAFELINK SOLO** **FASTFIND RANGER** **FASTFIND RETURN LINK** Type / Model Z423 Z424 Z424 Z450 I...

lang:en score:35 filesize: 225.87 K page_count: 2 document date: 2022-02-16

 TYPE APPROVAL CERTIFICATE For a 406 Megahertz Distress Beacon for use with the Cospas-Sarsat Satellite System		Certificate Number: 336
<p>Manufacturer: Orolia Limited, United Kingdom</p> <p>Beacon Type: PLB</p> <p>Beacon Model: Z423 (Fastfind 220™ SAFELINK SOLO) / Z424 FAST FIND RANGER / Z424 FAST FIND RANGER</p> <p>Additional Model Names: Z423 (Fastfind 220™ SAFELINK SOLO) / Z424 FAST FIND RANGER / Z424 FAST FIND RANGER</p> <p>Test Laboratory: TÜV SÜD Product Service Ltd., Farham, United Kingdom</p> <p>Date of Test: March - June 2018</p> <p>Details of the beacon features and battery type are provided overleaf.</p> <p>The Cospas-Sarsat Council hereby certifies that the 406 MHz Distress Beacon Model identified above is compliant with the following specification:</p> <p>Specification for Cospas-Sarsat 406 MHz Distress Beacons Issue 4 - Rev. 2, February 2014</p> <p>CS T.07 Issue 3 - Rev. 1, February 2018</p> <p>TAC 196 issued to Signature Industries Ltd. 4 & 5/2009 1st Extension TAC 200 issued: 5 August 2009 TAC 200 issued to McMurdo Ltd. 12/12/2009 2nd Extension TAC 200 issued: 24 May 2010 TAC 200 issued to Orolia Ltd. 1/1/2010 3rd Extension TAC 200 issued: 15 April 2011 TAC 200 issued to Orolia Limited, UK 23 Jul 2018 4th Extension TAC 229 issued: 24 May 2018 5th Extension TAC 229 issued: 10 April 2019 6th Extension TAC 243 issued: 10 April 2019 7th Extension TAC 243 issued: 10 April 2019 8th Extension TAC 292 issued: 4 October 2017 9th Extension TAC 292 issued: 4 October 2017 10th Extension TAC 316 issued: 9 January 2021</p> <p>NOTE, HOWEVER:</p> <ol style="list-style-type: none"> This certificate does not influence the operation or sale of any 406 MHz distress beacon. Such substances may require type approval under other regulations, such as the Radio Equipment Directive. This certificate is intended only as a formal notification to the above identified manufacturer that the Cospas-Sarsat Council has determined, on the basis of the fact of a beacon submitted by the manufacturer, that this 406 MHz beacon because of the type identified above, is in conformity with the specification. Afterwards the manufacturer has the responsibility that all beacons identified with the above model names will pass the Cospas-Sarsat Council's type approval test. The manufacturer is responsible for the correct identification of the beacon type for which it is issued since it is used for Cospas-Sarsat identification. The Cospas-Sarsat type approval testing requirements only address the electrical performance of the beacon at 406 MHz. Conformance of the beacon to other requirements of the specification is the responsibility of the manufacturer. This certificate indicates the use of the registered name mark "Cospas-Sarsat" and of registered trademarks for the Programmes, for labeling, advertising materials, and marketing of the 406 MHz beacon models identified, but not for other purposes or uses (e.g. for general use beyond the specific beacon models). 		

[pdf] Specifications

TYPE APPROVAL CERTIFICATE Inmarsat McMurdo FastFind 220 Seas Of Solutions CS Certificate 336 20210108 seasofsolutions 2022 07 |||

TYPE APPROVAL CERTIFICATE for a 406 Megahertz Distress Beacon for use with the Cospas-Sarsat Satellite System Certificate Number: 336 Manufacturer: Beacon Type: Beacon Models: Additional Model Names: Test Laboratory: Date of Test: Orolia Limited, United Kingdom PLB Fastfind PLB 220 Z423 Fastfind...

lang:en score:33 filesize: 498.89 K page_count: 2 document date: 2021-09-09

 1001592 - Soltiris Solo P1B (232 2424) Battery Kit		Soltiris Solo P1B (232 2424) Battery Kit 1001592 - Soltiris Solo P1B (232 2424) Battery Kit 1001594 - Fastline 232 P1B (232 2424) Battery Kit 1002451 - RLS P1B (2324) Battery Kit	
Note: Declaration of Conformity for the Soltiris Solo P1B (232 2424) battery kit, sub-section 10.2.3.			
Product Manufacturer Product Manufacturer Address Test Laboratory Name and contact Information TUV SUD Product Service, Dagenham House, Concord Way, Segenhoe, UK Test Report Number 79342/2009/06	Midkrafts Ltd. Portsmouth England	Date of test report 26 September 2008	
Description of Cell or Battery Battery type Voltage (packs) Ampere-hour rating or lithium content (packs) Max. input current Max. output current Physical description Model number		Primary Lithium Metal 6 Volts 2 (packs per AA) 1.128 A (2 pack per AA) 1.128 A (2 pack per AA) Lithium hexodecyl 2 x 1213 GP cells. 1003802	
URRA 100% Pass T1, T2, T3, T4, T5 Assessed Battery Testing Requirements 100% Pass			
Edition of UN Manual of Tests and Criteria Used		6 th revised edition	
Date: 20th July 2011  Jan-Arie Sapers Midkrafts Ltd.			

[\[pdf\]](#) User Manual Declaration of Conformity Test Report

Microsoft Word SOS IATA Lithium battery summary V2 PLB Battery kit 10026511001952 001953 and
1001954 jan arie sepers McMurdo FastFind 220 Seas Of Solutions Summary 1002651 1001952 1001953
seasofsolutions 2022 05 |||

McMurdo Ltd. No 5 Pure Offices Ltd, 1 Port Way, Port Solent, Portsmouth, Hants. PO6 4TY, United Kingdom Phone: 44 0 2392 623900 www.seasofsolutions.com UN38.3 Battery Test Summary 1001952 Safelink Solo PLB Z423 Z424 Battery kit 1001953 Fastfind Ranger PLB Z423 Z424 Battery kit 1001954 ... lang:en score:31 filesize: 82.78 K page_count: 1 document_date: 2022-05-03

INSTRUCTIONS FOR MCMURDO FAST FIND 220

How to Fit a McMurdo Fast Find 220 to the Atlas 190 Hammar Life Jacket
These instructions will guide you through fitting your device into an Atlas lifejacket. Follow each step carefully to ensure it functions safely and correctly. Handle the lifejacket and all device components with care to avoid damage during installation.

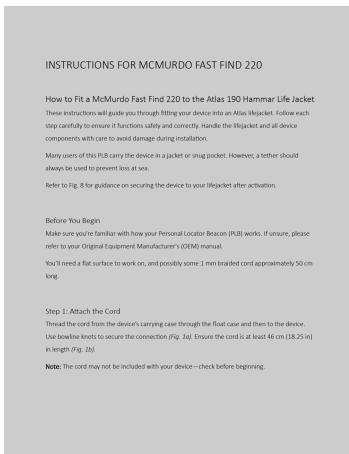
Many users of this PLB carry the device in a jacket or snug pocket. However, a tether should always be used to prevent loss at sea.

Refer to Fig. 8 for guidance on securing the device to your lifejacket after activation.*

[McMurdo Fast Find 220 PLB Installation Guide for Atlas 190 Hammar Life Jacket](#)

Step-by-step instructions for fitting the McMurdo Fast Find 220 Personal Locator Beacon (PLB) to the Atlas 190 Hammar Life Jacket, ensuring safe and correct operation.

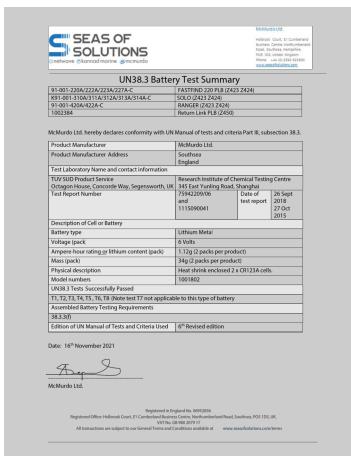
lang:en score:31 filesize: 1.24 M page_count: 9 document date: 2025-06-12





[pdf] User Manual Warranty

FastFind 220™ Personal Locator Beacon Orolia Maritime 152g 5 36oz Indicator Light High brightness LED signal light SOS flash Morse code pattern 30 operations Activation Manual three stage 220 PLB 2019 upgrade mobilesystems co nz vdb document 455 Self test Tests transmitters battery and Warranty 1 year 4 years with online registration McM 08 18 Iss1 Created Date
FastFind 220TM Personal Locator Beacon A lifesaving distress beacon with buoyancy pouch included, designed for marine enthusiasts and adventurers. The FastFind 220 is the world's first Galileo PLB, offering accelerated location detection with GPS and Galileo GNSS receivers. Accelerated Location det...
lang:en score:31 filesize: 3.39 M page_count: 4 document date: 2018-08-21



[pdf] User Manual Declaration of Conformity Test Report

Microsoft Word IATA Lithium battery summary V2 PLB Pocket Solo Ranger 91 001 XXXA C Kari RLS janarie sepeps McMurdo FastFind 220 Seas Of Solutions Battery 1002384 seasofsolutions 2022 05 ||| UN38.3 Battery Test Summary 91-001-220A/222A/223A/227A-C K91-001-310A/311A/312A/313A/314A-C 91-001-420A/422A-C 1002384 FASTFIND 220 PLB Z423 Z424 SOLO Z423 Z424 RANGER Z423 Z424 Return Link PLB Z450 McMurdo Ltd. hereby declares conformity with UN Manual of tests and criteria Part III, sub...
lang:en score:31 filesize: 29.36 K page_count: 1 document date: 2022-05-03



McMurdo Fast Find 220 ELITE 190 PFD Fitting Instructions

Step-by-step guide on how to fit the McMurdo Fast Find 220 Personal Locator Beacon (PLB) into an ELITE 190 Inflatable Personal Flotation Device (PFD). Includes instructions for attaching the cord and securing the device.
lang:en score:30 filesize: 637.82 K page_count: 8 document date: 2025-06-24



[\[pdf\] Guide](#)

McMurdo FastFind 220 Seas Of Solutions AIS MOB vs PLB v9 A4 18 08 22 seasofsolutions 2022 |||

AIS MOB versus PLB: A User's Guide Whether you work or play on the water, having the right search and rescue device is critical for personal safety. While an AISPLB will indicate the location of the boat in the event of an emergency, an AISMOB will indicate the location of the individual beacon stay with the individual to ensure their location is known. AISMOB is a search and rescue device dedicated to your safety and providing information about your location to search and rescue services, your crew and your family when every second counts.

What is the Purpose of an AIS Man Overboard (MOB) Device?

Man overboard devices are designed to alert the port or neighbouring vessels regarding to a Man Overboard (MOB) situation. The device will indicate the location to determine the position of the MOB. Finding a MOB in the water are navigating your vessel to the location of the MOB. MOB devices are designed for use in strong winds or in strong tides. A survival recovery system which uses GPS and Galileo receivers to provide accurate location information and increase the chances of identifying the MOBs location and safely recovery via nearby commercial rescue.

Why should an AIS device not be referred to as a PLB?

The AIS MOB device provides real time positioning to search and rescue services via the Global Maritime Distress and Safety System (GMDSS) distress safety system, an electronic navigation system (eNS) and a search and rescue system. AIS MOB devices are not part of the COSPAS-SARSAT distress safety system and therefore should not be referred to as Personal Location Beacons?



What are the Pros and Cons of Personal Location Beacons(PLB)for MOB scenarios?

A Personal Location Beacon(PLB)is a personal safety device designed to alert search and rescue services to the location of the individual in an emergency. The device transmits a coded message on the 406 MHz distress frequency to the COSPAS-SARSAT distress safety system. The alert is then relayed via a local user terminal(LUT) to the nearest relay station.

lang:en score:30 filesize: 903.35 K page_count: 4 document date: 2022-08-17



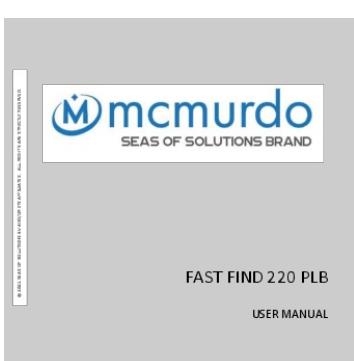
[\[pdf\] Borchure](#)

FastFind 220 Personal Locator Trusted for Beacon A lifesaving distress beacon with buoyancy pouch included designed for aviation enthusiasts and adventurers.

FastFind 220 Personal Locator Beacon Trusted for LifeTM A lifesaving distress beacon with buoyancy pouch included, designed for aviation enthusiasts and

adventurers. www.mcmurdogroup.com FastFind 220 The FastFind 220 Personal Locator Beacon PLB uses advanced technology packed into a simple, ligh...

lang:en score:30 filesize: 479.58 K page_count: 4 document date: 2017-01-27



[\[pdf\] User Manual](#)

Chantal LE GALL Download FastFind 220 User GuideMcMurdo PLB Free Programming from OSC OSATFF220 V2 Manualcdn shopify s files 1 0598 7985 0136 FF220 Manual v 1720517041 McMurdo ManualDownload Outfitter SatelliteMcMurdo ManualFF220 0585 8482 5954 1725870789cdn ||| 2021 SEAS OF SOLUTIONS BV AND/OR ITS AFFILIATES. ALL RIGHTS ARE STRICTLY RESERVED. FAST FIND 220 PLB USER MANUAL 2021 SEAS OF SOLUTIONS BV AND/OR ITS AFFILIATES. ALL RIGHTS ARE STRICTLY RESERVED. This manual is applicable to the FAST FIND 2021 SEAS OF SOLUTIONS BV AND/OR ITS AFFILIATES. ALL RIGHTS ARE STRICTLY RESERVED. FAST FIND 220 P ... antes sur son utilisation et son entretien. IMPORTANT: Ce manuel utilisateur concerne uniquement la FastFind 220 V2, numro de modle Z423. Le numro de modle est inscrit sur l tiquette au dos de la bali...

lang:es score:29 filesize: 660.81 K page_count: 43 document date: 2022-05-03

McMURDO
Trusted for Life™

FastFind 220 Personal Locator Beacon

A lifesaving distress beacon with buoyancy pouch included, designed for marine enthusiasts and adventurers.



www.mcmurdogroup.com

[pdf] Datasheet

FastFind 220 Personal Locator Beacon bluemarinestore Using the dedicated MHz frequency transmits your unique ID and precise GPS location to global network of search rescue satellitesMcMurdo Datasheetbluemarinestore index dispatch attachments getfile attachment id 670 ||| Trusted for Life™ FastFind 220 Personal Locator Beacon A lifesaving distress beacon with buoyancy pouch included, designed for marine enthusiasts and adventurers. www.mcmurdogroup.com FastFind 220 The FastFind Personal Locator Beacon PLB uses advanced technology packed into a simple, lightw... lang:en score:29 filesize: 1.56 M page_count: 3 document date: 2015-09-17

McMURDO

FastFind 220 Personal Locator Beacon

A lifesaving distress beacon with buoyancy pouch included, designed for marine enthusiasts and adventurers.



www.mcmurdogroup.com

[pdf] Datasheet

FastFind 220 Personal Locator Beacon Seas of Solutions A lifesaving distress beacon with buoyancy pouch included designed for marine enthusiasts and adventurers datasheet A4 iss1 seasofsolutions images documents McMurdоМarineproducts ||| FastFind 220 Personal Locator Beacon A lifesaving distress beacon with buoyancy pouch included, designed for marine enthusiasts and adventurers. FastFind Satellite Personal Locator Beacon www.mcmurdogroup.com FastFind 220 The FastFind 220 Personal Locator Beacon PLB uses advanced technology pac... lang:en score:29 filesize: 1.29 M page_count: 3 document date: 2014-07-23

mcmurdo
an Orlia brand

FastFind 220™ Personal Locator Beacon

A lifesaving distress beacon with buoyancy pouch included, designed for marine enthusiasts and adventurers. The FastFind 220 is the world's first Galileo PLB, offering accelerated location detection with GPS and Galileo GNSS receivers.



www.mcmurdogroup.com

[pdf] Datasheet

Product data sheet Locator Beacons Action Outdoors FastFind 220 PLB 2019 upgrade actionoutdoors kiwi WebRoot ecshared01 Shops ActionFishing 5DAA 7924 4D08 5D59 0437 AC10 003F 9A6D ||| FastFind 220TM Personal Locator Beacon A lifesaving distress beacon with buoyancy pouch included, designed for marine enthusiasts and adventurers. The FastFind 220 is the world s first Galileo PLB, offering accelerated location detection with GPS and Galileo GNSS receivers. Accelerated Location det... lang:en score:29 filesize: 3.39 M page_count: 4 document date: 2019-10-20



[pdf] Specifications Catalog

McMurdo Marine Solutions cat logo mcmurdo 2017 nautiradar pt media catalogs 30 |||

McMurdo Group The industry's first end-to-end life-saving and tracking solutions provider info mcmur... gency Position Indicating Radio Beacons SmartFind EPIRB 8 PLBs Personal Location Beacons 10 FastFind 220 PLB 11 AIS MOB Devices SmartFind S20 Personal AIS MOB Device 12 SmartFind S10 Pers...

lang:en score:28 filesize: 4.97 M page_count: 22 document date: 2016-08-30



[pdf] Press Release

McMurdoNOAACContractWin Randel Maestre McMurdo Wins USCG Contract 16 August 2016 Press Release seasofsolutions |||

McMurdo Awarded US 3 Million Contract to Provide the U.S. Coast Guard up to 16,000 Emergency Distress Beacons FastFind 220 Personal Locator Beacon to Enhance Crew Safety Lanham, Maryland, USA – August 16, 2016 – McMurdo, Inc., the most trusted name in emergency readiness and response and part of Orolia Group, announced today that it has awarded a US\$3 million contract with the United States Coast Guard (USCG). McMurdo will supply up to 16,000 FastFind 220 personal locator beacons (PLBs) to the USCG to enhance crew safety in the event of emergencies. The award is an indefinite delivery, infinite quantity contract with a base year and four one-year options.

For 20 years, the U.S. Coast Guard has purchased McMurdo's emergency readiness, mission control and rescue products and services for its search and rescue, search and rescue, and government programs.

"This award is a major validation of the products and technologies that already McMurdo's position as the global leader in emergency readiness and response. We are honored to provide a solution that enhances safety for the men and women in the USCG."

With a commitment to the highest safety standards, the FastFind 220 is a submersible emergency personal locator beacon designed for air or water emergency in remote or high-risk environments using the 406MHz frequency. Once activated, the PLB transmits a distress signal containing unique beacon identification information and location data via the international search and rescue satellite system operated by Cospas-Sarsat. The signal is then quickly processed by the USCG's search and rescue satellite system.

McMurdo is the only provider of an end-to-end search and rescue ecosystem that includes distress beacons, satellite connectivity, mission control and rescue coordination center systems, and rescue response communications products. Nearly 25 percent of the world's emergency distress beacons and approximately 30 percent of the Coast Guard search and rescue infrastructure globally are manufactured by McMurdo.

For photos, videos and more information about the USCG contract for the FastFind 220 PLB, please visit <http://www.mcmurdo.com/uscg.pdf>.

About McMurdo
McMurdo (www.mcmurdo.com) is a global leader in emergency readiness and response including search and rescue and maritime domain awareness solutions. All three of these solutions are realized postmarking, navigation and tracking products, technologies and applications that have helped to save over



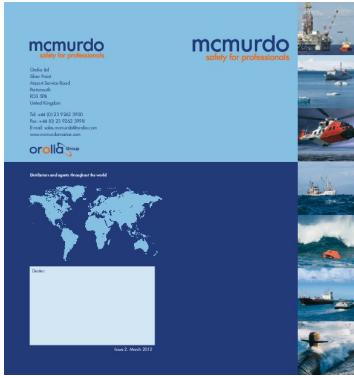
[pdf] Specifications Catalog

McMurdo Safety Catalog marine safety boat pfds life vests signaling first aid beacons gas detectors fire extinguishers inflatable boats lights CARiD mcmurdo 2016 catalog images carid items |||

McMurdo Group The industry's first end-to-end life-saving and tracking solutions provider Distress ... gency Position Indicating Radio Beacons SmartFind EPIRB 8 PLBs Personal Location Beacons 10 FastFind 220 PLB 11 AIS MOB Devices SmartFind S20 Personal AIS MOB Device 12 SmartFind S10 Pers...

lang:en score:27 filesize: 5.2 M page_count: 22 document date: 2017-06-21

[pdf] User Manual Catalog



Orolia Ltd Silver Point Airport Service Road Portsmouth PO3 Mobile Systems The SMARTFIND S10 AIS Beacon is intended for carriage by divers crew and anyone who carries out activities on water □ Simple manual activation operation to prevent any risk of accidental or false In its stored state the antenna completely hidden from view fully protected against rough handling Once deployed automatically springs into optimum position ready use Fastfind MaxG s integral GPS receiver gives a typical McMurdo catalogue mobilesystems co nz vdb document 232

Orolia Ltd Silver Point Airport Service Road Portsmouth PO3 5PB United Kingdom Tel: 44 0 23 9262 ... nt search and rescue authorities around the world, so a call for help will be acted upon and fast. **Fastfind 220** with integral 50 channel GPS nInternationally approved nCompact, lightweight and water...

lang:en score:25 filesize: 2.97 M page_count: 18 document date: 2012-03-21



[pdf] Frequently Asked Questions Guide

AIS MOB versus PLB A User's Guide Seas of Solutions Whether you work or play on the water having right search and rescue devices is critical for your personal safety While an EPIRB will indicate Man Overboard incident provide a means location to determine position Finding in navigating vessel boat event emergency SmartFind S10 seasofsolutions FAQ |||

AIS MOB versus PLB: A User's Guide Whether you work or play on the water, having the right search and rescue devices is critical for your personal safety While an EPIRB will indicate Man Overboard incident provide a means location to determine position Finding in navigating vessel boat event emergency SmartFind S10 seasofsolutions FAQ |||

lang:en score:25 filesize: 7.86 M page_count: 4 document date: 2021-07-01

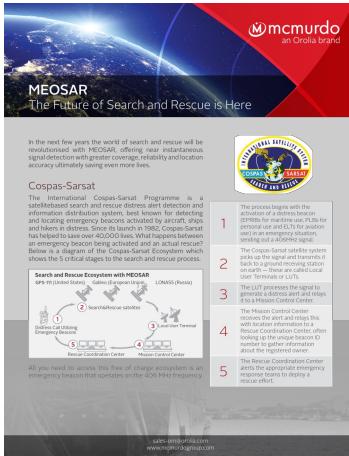


[pdf] SAR Rating

2 Ranel Maestre Microsoft NEWS RELEASE First life saved through next generation MEOSAR search and rescue network McMurdo instrumental in upgraded Cospas Sarsat satellite system that found hiker 50 Rescue July052016 1 seasofsolutions |||

NEWS RELEASE First life saved through next-generation MEOSAR search and rescue network McMurdo instr ... more than 90 feet, breaking his leg and leaving him unable to walk. After he activated his McMurdo FastFind 220 personal locator beacon (PLB), the distress signal was relayed by the MEOSAR satellite system to the Rescue Coordination Centre New Zealand in only four minutes. This increases search times as the existing system picked up the same distress signal in 15 minutes.

lang:en score:25 filesize: 310.89 K page_count: 3 document date: 2016-07-05



[pdf] Diagram

MEOSAR In the next few years world of search and rescue will be revolutionised with offering near instantaneous signal detection greater coverage reliability location accuracy ultimately saving even more lives.

Cospas-Sarsat
The International Cospas-Sarsat Programme is a satellite-based search and rescue distress alert detection and information distribution system, best known for detecting and locating emergency beacons activated by aircraft, ships and hikers in distress. Since its launch in 1982, Cospas-Sarsat has helped to save thousands of lives. The diagram shows an emergency beacon being activated and an actual rescue. Below the diagram is a description of the process which shows the 5 critical stages to the search and rescue process.



Overview seasofsolutions |||

MEOSAR The Future of Search and Rescue is Here In the next few years the world of search and rescue ... more than 90 feet, breaking his leg and leaving him unable to walk. After he activated his McMurdo FastFind 220 personal locator beacon PLB , the distress signal was relayed by the MEOSAR satellite ...

lang:en score:25 filesize: 3.53 M page_count: 4 document date: 2018-08-27



[pdf]

Thomas Lefebvre McMurdo to Feature Red Bull Pilot Nicolas Ivanoff and Special ELT Promotions at EAA AirVenture Oshkosh Media Advisory July 22 2016 seasofsolutions rs 633 HPE 712 images |||

McMurdo to Feature Red Bull Pilot Nicolas Ivanoff and Special ELT Promotions at EAA AirVenture Oshko ... be equipped with the best technology, said Ivanoff who relies on McMurdo s Kannad Integra ELT and FastFind 220 personal locator beacon when flying. I fly with confidence because I trust McMurdo for...

lang:en score:24 filesize: 280.51 K page_count: 2 document date: 2016-07-21



[pdf] Diagram

MEOSAR Seas of Solutions The Cospas Sarsat System today includes two types satellites Low altitude Earth orbit LEOSAR and Geostationary GEOSAR each contributing Future Search Rescue is Here In the next few years world search rescue will be revolutionised with offering near instantaneous signal detection greater coverage McMurdo Overview seasofsolutions |||

MEOSAR The Future of Search and Rescue is Here In the next few years the world of search and rescue ... more than 90 feet, breaking his leg and leaving him unable to walk. After he activated his McMurdo FastFind 220 personal locator beacon PLB , the distress signal was relayed by the MEOSAR satellite ...

lang:en score:23 filesize: 1.6 M page_count: 3 document date: 2016-08-31



[pdf] Specifications

TYPE APPROVAL CERTIFICATE Inmarsat 29 nov 2024 — The Cospas Sarsat Council hereby certifies that the 406 MHz Distress Beacon Model identified above is compatible with System as defined in 401E McMurdo Ltd Fastfind PLB 220 Final Nov seasofsolutions 12 |||

TYPE APPROVAL CERTIFICATE for a 406 Megahertz Distress Beacon for use with the Cospas-Sarsat Satellite System Certificate Number: 401 Manufacturer: Beacon Type: Beacon Models: Additional Model Names: Test Laboratory: Date of Test: McMurdo Limited, United Kingdom PLB Fastfind PLB 220 Z423 Fastfin...

lang:en score:23 filesize: 282.01 K page_count: 2 document date: 2024-12-02



[pdf]

PERSONAL LOCATOR BEACONS hardware and installation operation manual< b> The C406-1 is approved for aircraft operating speeds up to Mach 1 C406-2 350 knots COSPAS SARSAT FAA TSO C126 & JTSO-2C126 Approved Cat22763 aircraftspruce pdf 2022Individual

PERSONAL LOCATOR BEACONS ARTEX ELT 4000 GPS / 406 / 121.5 The ARTEX ELT 4000 is a transport-grade E ... ternational.....P/N 11-17489..... 309.95 MCMURDO FASTFIND 220 PLB WITH GPS USA The FAST FIND 220A PLB is a simple, lightweight, and floatable distres...

lang:en score:21 filesize: 217.76 K page_count: 1 document date: 2021-07-22

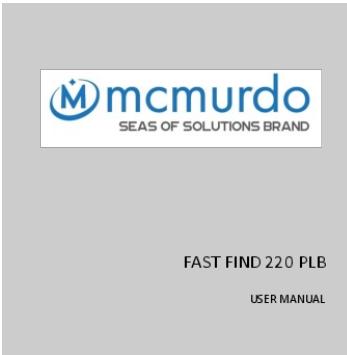


[pdf] User Manual

32655 Fastfind 200 210 Nor Swe Fin Layout 1 Matthew Maber Brukermanual FastFind 220 gjelder også Ranger norsk 3 MB McMurdo PLB Marinesshop AS sept12 marinesshop no userfiles ProductDocuments pronav |||

McMurdo A Division of Signature Industries Limited, Silver Point, Airport Service Road, Portsmouth, Hampshire, PO3 5PB UK TELEPHONE: Int 44 0 23 9262 3900 Fax: Int 44 0 23 9262 3998 WEB: www.fastfindplb.com EMAIL: customerservice@mcmurdo.co.uk 91-210-002 Iss 1 BRUKERMANUAL BRUKSANVISNING KYT...

lang:no score:21 filesize: 2.78 M page_count: 20 document date: 2012-09-04



[\[pdf\] User Manual](#)

Robin George@seasofsolutions Downloads Seas Of Solutions FF220 PLB V2 USER MANUAL

DOC18010 Issue 3 seasofsolutions 2024 12 |||

FAST FIND 220 PLB USER MANUAL This manual is applicable to the FAST FIND 220 PLB V2 manufactured a ... antes sur son utilisation et son entretien.

IMPORTANT: Ce manuel utilisateur concerne uniquement la FastFind 220 V2, numro de modle Z423. Le numro de modle est inscrit sur l tiquette au dos de la bali...

lang:es score:21 filesize: 1.58 M page_count: 43 document date: 2024-06-07

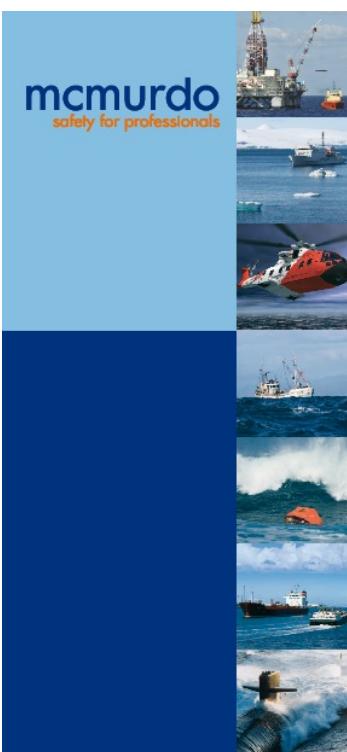


[\[pdf\] Label](#)

HKK Kannad Marine SafeLink Solo Seas Of Solutions 1001802 Z423B1 Z424B1 Z450B1 PSI Issue 1 seasofsolutions 2022 10 |||

Product Safety Information FastFind 220 / Ranger PLB Battery kit FastFind Return Link PLB Battery kit Safelink SOLO PLB Battery kit Battery kit for: McMurdo FastFind 220 FastFind Ranger 1001954 1001953 FastFind Return Link PLB Kannad Marine Safelink SOLO 1002651 1001952 McMurdo Limited Holbrook...

lang:en score:21 filesize: 119.26 K page_count: 2 document date: 2022-08-23



[\[pdf\] User Manual Documentation Catalog](#)

McMurdo is a brand of marine safety and emergency location the Brand Available with manual bracket or an automatic deployment housing Smartfi nd range meets demands recreational boaters all classes

Commercial vessels alike This stylish unit available as standard 406 MHz EPIRB for enhanced position built in high accuracy GPS Key Features n Internationally Approved stage operation technique to prevent any risk accidental false activation In its stored state antenna completely hidden from view fully protected against rough handling Once deployed automatically springs into optimum ready use Smartfind catalogue brimrun 2017 02 satellitephonestore documentation 1182

McMurdo the Brand McMurdo is a brand of marine safety and emergency location beacon products, manu ... m n SOS morse LED n Safe-stow antenna n Self test both the battery and GPS GPS 406MHz 121.5MHz 6yr **Fastfind 220** with integral 50 channel GPS 8 www.mcmurdomarine.com Flotation pouch, lanyard and uni...

lang:en score:21 filesize: 4.79 M page_count: 19 document date: 2012-08-14

SEAS OF SOLUTIONS

McMurdo Ltd.
McMurdo Court, E1 Cumberland Business Centre, Northumberland Road, Southsea, PO5 1DS, United Kingdom
www.seasofsolutions.com

Product Safety Information

Ref: 1001802-
Z423B1_Z424B1_Z450B1-PSI
Issue File 3
Date: 18-Sep-2024
Page: 1 of 2

FastFind 220 / Ranger PLB Battery Kit / Return Link PLB Battery Kit / Safelink SOLO PLB Battery Kit

Battery Kit for

McMurdo 1001802
FastFind 220 1001802
FastFind Ranger 1001802

FastFind Return Link PLB 1001802
Kannad Marine
Safelink SOLO 1001802

Manufacturer
McMurdo Ltd. Hobrook Court, E1 Cumberland Business Centre, Northumberland Road, Southsea, PO5 1DS, United Kingdom
Contact: +44 (0) 23 92629600

Description
The product is a replacement Battery Kit for a range of marine emergency distress beacons. The Kit consists two cells containing two small hermetically sealed primary Lithium-Ion 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.

The cells within the product may contain the following active ingredients, by CAS number and name:
110-71-4 1,2-Dimethylcyclohexane
7408-02-3 Lead
7439-92-0 Mercury
7440-49-9 Cadmium

[pdf] Label

Lorenzo Bakker 1001802 Z423B1 Z424B1 Z450B1 PSI Issue 3 1 seasofsolutions 2024 10 |||

Product Safety Information Ref: 1001802Z423B1_Z424B1_Z450B1-PSI Issue: No: 3
Date: 18-Sep-2024 Page: 1 of 2 FastFind 220 / Ranger PLB Battery Kit / Return Link PLB Battery Kit / Safelink SOLO PLB Battery Kit Battery kit for McMurdo FastFind 220 1001802 FastFind Ranger 1001802 FastFind Return ...

lang:en score:21 filesize: 121.9 K page_count: 2 document date: 2024-09-20

SEAS OF SOLUTIONS

McMurdo Ltd.
McMurdo Court, E1 Cumberland Business Centre, Northumberland Road, Southsea, PO5 1DS, United Kingdom
www.seasofsolutions.com

Product Safety Information

Ref: 1002773-
Z423B1_Z424B1_Z450B1-PSI
Issue File 3
Date: 18-Sep-2024
Page: 1 of 2

FastFind 220 / Ranger PLB / FastFind Return Link PLB / Safelink SOLO PLB Battery Kit

McMurdo
FastFind 220 1002773
FastFind Ranger 1002773
FastFind Return Link PLB 1002773

Kannad Marine
Safelink SOLO 1002773

Manufacturer
McMurdo Ltd. Hobrook Court, E1 Cumberland Business Centre, Northumberland Road, Southsea, PO5 1DS, United Kingdom
Contact: +44 (0) 23 92629600

Description
The product is a replacement Battery Kit for a range of marine emergency distress beacons. The Kit consists two cells containing two small hermetically sealed primary Lithium-Ion 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.

The cells within the product may contain the following active ingredients, by CAS number and name:
110-71-4 1,2-Dimethylcyclohexane
7439-92-0 Mercury
7440-49-9 Cadmium
7429-84-1 Lithium

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

[pdf] Label

Lorenzo Bakker FastFind Return Link Seas Of Solutions 1002773 Z423B1 Z424B1 Z450B1 PSI Issue 3 seasofsolutions 2024 11 |||

Product Safety Information Ref: 1002773Z423B1_Z424B1_Z450B1-PSI Issue: No: 3
Date: 18-Sep-2024 Page: 1 of 2 FastFind 220 / Ranger PLB / FastFind Return Link PLB / Safelink SOLO PLB Battery kit McMurdo FastFind 220 1002773 FastFind Ranger 1002773 FastFind Return Link PLB 1002773 Kannad Marine...

lang:en score:21 filesize: 115.36 K page_count: 2 document date: 2024-11-20

mcmurdo

McMurdo Ltd.
Hobrook Court, E1 Cumberland Business Centre, Northumberland Road, Southsea, PO5 1DS, United Kingdom
www.mcmurdo.com

Product Safety Information
FastFind 220 / Ranger PLB
FastFind Return Link PLB
Safelink SOLO PLB

McMurdo
FastFind 220 91-001-220A-C
91-001-222A-C
91-001-223A-C

FastFind Ranger 91-001-420A-C
91-001-422A-C

FastFind Return Link PLB 1002364

Kannad Marine
Safelink SOLO
K91-001-310A-C
K91-001-311A-C
K91-001-312A-C
K91-001-312A-C
K91-001-312A-B
K91-001-312A-B
K91-001-312A-B
K91-001-312A-B

Manufacturer
McMurdo Ltd. Hobrook Court, E1 Cumberland Business Centre, Northumberland Road, Southsea, PO5 1DS, United Kingdom
Contact: +44 (0) 23 9232900

Description
The product is an emergency Personal Locator Beacon powered by lithium batteries. Sealed inside the product, the batteries are hermetically sealed primary Lithium-Ion 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.

McMurdo FastFind & Safelink PLB Product Safety Information | Lithium Battery Handling & Disposal

Comprehensive product safety information for McMurdo FastFind 220, FastFind Ranger, FastFind Return Link PLB, and Kannad Marine Safelink SOLO Personal Locator Beacons, covering lithium battery details, transport, and disposal guidelines.

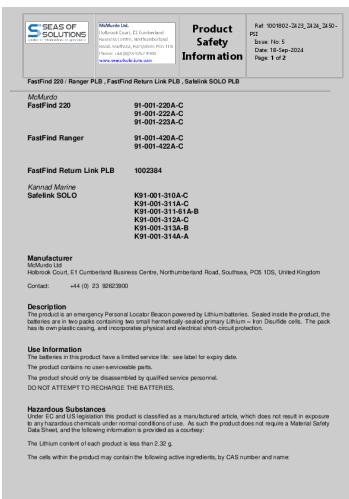
lang:en score:20 filesize: 118.09 K page_count: 2 document date: 2022-08-22



[pdf] Borchure

103647BR cwrelectronics s3 amazonaws literature brochure |||

FastFind 220 Personal Locator Beacon Trusted for LifeTM A lifesaving distress beacon with buoyancy pouch included, designed for aviation enthusiasts and adventurers. www.mcmurdogroup.com FastFind 220 The FastFind 220 Personal Locator Beacon PLB uses advanced technology packed into a simple, ligh...
lang:en score:20 filesize: 482.71 K page_count: 4 document date: 2017-01-27



[pdf] Label

Lorenzo Bakker FastFind Return Link Seas Of Solutions 1001802 Z423 Z424 Z450 PSI Issue 5

seasofsolutions 2024 10 |||

Product Safety Information Ref: 1001802-Z423_Z424_Z450PSI Issue: No: 5 Date: 18-Sep-2024 Page: 1 of 2 FastFind 220 / Ranger PLB , FastFind Return Link PLB , Safelink SOLO PLB McMurdo FastFind 220 91-001-220A-C 91-001-222A-C 91-001-223A-C FastFind Ranger 91-001-420A-C 91-001-422A-C FastFind Re...

lang:en score:20 filesize: 113.98 K page_count: 2 document date: 2024-09-20



[pdf] Guide

78763QG productimageserver literature quickGuide

FastFind 220TM Personal Locator Beacon A lifesaving distress beacon with buoyancy pouch included, designed for marine enthusiasts and adventurers. The FastFind 220 is the world's first Galileo PLB, offering accelerated location detection with GPS and Galileo GNSS receivers. Accelerated Location det...

lang:en score:20 filesize: 3.37 M page_count: 4 document date: 2019-04-30

orolia

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

Orolia Limited
Safelink
Kannad
McMurdo
Netwave

FastFind 220 - Ranger PLB Battery Kits

Safelink SOLO PLB Battery Kits

McMurdo FastFind 220
McMurdo FastFind 220 M
Kannad SOLO
Kannad SOLO

Manufacturer: Orolia Ltd
Silver Point, Airport Service Road, Portsmouth, UK
PO3 5PB

Contact: +44 (0) 23 92623900

Description: The product is a replacement Battery Kits for a range of marine emergency distress beacons. The Kit contains two packs each containing two small batteries primary lithium - non-Delakar cells.

Use Information

The reference in the product have a limited service life, see label for expiry date.

The product contains no dangerous goods.

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 (MSDS).

The lithium content of each product is less than 2.3 g.

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

109192	Manganese Dioxide
7438-93-2	Lithium Metal
2938-84-8	Iron
7440-44-0	Cataphorite
9303-02-0	Polyethylene
9032-58-4	Polyethylene
1197-74-1	Polyethylene according to REACH (Article 33) 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGOME)

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 reliance on it.

1001802-Z423B1 PSI Issue 1

Page 1 of 2

[\[pdf\] Label](#)

HKK 1001802 Z423B1 PSI Issue 1 seasofsolutions

Product Safety Information FastFind 220 / Ranger PLB Battery Kits Safelink SOLO PLB Battery Kits Orlia Limited Silver Point Airport Service Road Portsmouth PO3 5PB United Kingdom Int 44 0 23 9262 3900 FastFind 220 / Ranger PLB Battery Kits Safelink SOLO PLB Battery Kits McMurdo FastFind 220 M...

lang:en score:20 filesize: 104.2 K page_count: 2 document date: 2019-02-21

FREQUENTLY ASKED QUESTIONS

FastFind SEAS OF SOLUTIONS BRAND

Return Link Service Personal Location Beacons



Since March 2021 Seas Of Solutions - owner of the McMurdo, Netwave and Kannad Marine brands, have been supplying its long-awaited upgrade of our highly successful and widely adopted Kannad SOLO and FastFind 220 dual GNSS PLBs. The new FastFind Return Link PLB is the world's first to include Return Link Service (RLS) technology and this document covers frequently asked questions about the new product.

[\[pdf\] Frequently Asked Questions](#)

FastFind ReturnLink™ Personal Locator Beacon F A Q A4 v3 seasofsolutions returnlink faq

FREQUENTLY ASKED QUESTIONS Return Link Service Personal Location

Beacons Since March 2021 Seas Of Solutions owner of the McMurdo, Netwave and Kannad Marine brands, have been supplying its long-awaited upgrade of our highly successful and widely adopted Kannad SOLO and FastFind 220 dual GNSS PLBs....

lang:en score:20 filesize: 12.68 M page_count: 6 document date: 2021-07-19

FREQUENTLY ASKED QUESTIONS

FastFind SEAS OF SOLUTIONS BRAND

Return Link Service Personal Location Beacons



Since March 2021 Seas Of Solutions - owner of the McMurdo, Netwave and Kannad Marine brands, have been supplying its long-awaited upgrade of our highly successful and widely adopted Kannad SOLO and FastFind 220 dual GNSS PLBs. The new FastFind Return Link PLB is the world's first to include Return Link Service (RLS) technology and this document covers frequently asked questions about the new product.

[\[pdf\] Frequently Asked Questions](#)

FAQ Return Link Service Personal Locator Beacons 21 seasofsolutions |||

FREQUENTLY ASKED QUESTIONS Return Link Service Personal Location

Beacons Since March 2021 Seas Of Solutions owner of the McMurdo, Netwave and Kannad Marine brands, have been supplying its long-awaited upgrade of our highly successful and widely adopted Kannad SOLO and FastFind 220 dual GNSS PLBs....

lang:en score:20 filesize: 12.34 M page_count: 6 document date: 2022-01-25

FREQUENTLY ASKED QUESTIONS

Return Link Service Personal Location Beacons

FastFind RETURN LINK

FastFind RETURN LINK

Since March 2021 Seas Of Solutions - owner of the McMurdo, Netwave and Kannad Marine brands, have been supplying its long-awaited upgrade of our highly successful and widely adopted Kannad SOLO and FastFind 220 dual GNSS PLBs. The new FastFind Return Link PLB is the worlds first to include Return Link Service (RLS) technology and this document covers frequently asked questions about the new product.

[\[pdf\] Frequently Asked Questions](#)

FAQ Blogs Seas Of Solutions RLS v7 A4 6page 25 01 22 seasofsolutions 2022 03 |||

FREQUENTLY ASKED QUESTIONS Return Link Service Personal Location

Beacons Since March 2021 Seas Of Solutions owner of the McMurdo, Netwave and Kannad Marine brands, have been supplying its long-awaited upgrade of our highly successful and widely adopted Kannad SOLO and FastFind 220 dual GNSS PLBs.... lang:en score:20 filesize: 696.52 K page_count: 6 document date: 2022-03-15

FREQUENTLY ASKED QUESTIONS

Return Link Service Personal Location Beacons

FastFind RETURN LINK

FastFind RETURN LINK

Since March 2021 Seas Of Solutions - owner of the McMurdo, Netwave and Kannad Marine brands, have been supplying its long-awaited upgrade of our highly successful and widely adopted Kannad SOLO and FastFind 220 dual GNSS PLBs. The new FastFind Return Link PLB is the worlds first to include Return Link Service (RLS) technology and this document covers frequently asked questions about the new product.

[\[pdf\] Frequently Asked Questions](#)

RLS FAQ v8 A4 6page 20 05 24 seasofsolutions 2024 |||

FREQUENTLY ASKED QUESTIONS Return Link Service Personal Location

Beacons Since March 2021 Seas Of Solutions owner of the McMurdo, Netwave and Kannad Marine brands, have been supplying its long-awaited upgrade of our highly successful and widely adopted Kannad SOLO and FastFind 220 dual GNSS PLBs.... lang:en score:20 filesize: 12.34 M page_count: 6 document date: 2024-05-20

FAQ

406 Personal Location Beacons (PLBs)

McMURDO Trusted for Life

Why carry a 406MHz PLB?

Personal Location Beacons (PLBs) are small emergency distress beacons for personal use and are intended to indicate a distress situation where normal forms of communication are not possible. They are a valuable addition to your current as a safeguard against any life threatening incidents that may occur while you are outdoors. They are also a valuable addition to your kit when you are on holiday or at work, carrying out your sport or hobby. If you ever find yourself in a difficult situation, a distress signal can be sent and your 406MHz PLB can be a life saver. With it you can be confident of direct contact with the search and rescue services.

Cost of ownership?

After your initial purchase, most PLBs have no additional ownership cost until your PLB needs servicing after 5 years, unless activated. There are no call centre charges, no roaming charges and no activation fees.

Genuine rescues in most of the world will not be charged the cost of rescue in the unlikely event that your PLB is activated. However, if your PLB is activated for a false alarm, you will be charged the cost of rescue. However, you should always rescuers the area you are likely to be travelling to and if a charge for your rescue is likely, obtain the necessary insurance cover.

Why should I register my 406 MHz PLB?

It is a legal requirement to register your PLB with the appropriate EIRSAT Authority. Each 406MHz PLB has a unique digital identity (10 digit number). This unique number is used to identify your PLB to the search and rescue services. The distress signal to the Search and Rescue Services. The registration of the PLB means that the number is recognised by the authorities when the distress signal is received.

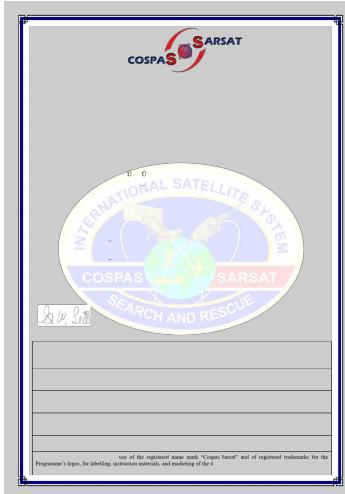
www.mcmurdogroup.com

[\[pdf\] Frequently Asked Questions Guide](#)

3798 Ranger FAQ 406 PLB iss1 Seas of Solutions Personal Location Beacons PLBs are small emergency distress beacons for personal use and intended to indicate a situation where normal 80842QG productimageserver literature quickGuide

FAQ 406 Personal Location Beacons PLBs Why carry a 406MHz PLB Personal Location Beacons PLBs ar ... more than 90 feet, breaking his leg and leaving him unable to walk. After he activated his McMurdo FastFind 220 personal locator beacon PLB , the distress signal was relayed by the MEOSAR satellite ...

lang:en score:19 filesize: 755.42 K page_count: 3 document date: 2016-10-25



[\[pdf\]](#) Specifications

TYPE APPROVAL CERTIFICATE Inmarsat CS TAC 336 PLB seasofsolutions 2023 02 |||

TYPE APPROVAL CERTIFICATE for a 406 Megahertz Distress Beacon for use with the Cospas-Sarsat Satellite System Certificate Number: 336 Manufacturer: Beacon Type: Beacon Models: Additional Model Names: Test Laboratory: Date of Test: McMurdo Limited, United Kingdom PLB Fastfind PLB 220 Z423 Fastfin...

lang:en score:19 filesize: 214.49 K page_count: 2 document date: 2023-02-07

[pdf]

COSPAS SARSAT Type Approval Certificate TC Report Nr 304 1 Orolia Ltd Z423 Personal Locator

Beacon KLS KLSZ423 z423

TAC Report Nr. 304-1 TAC Number 304 TAC Date 23-JUL-2018 TAC Rev. date 19-DEC-2018 Beacon Model Fastfind PLB 220 Name Additional Z423 **Fastfind 220** Names Manufacturer Orolia Limited Tx Frequencies 406.031 MHz In Production in production Class 2 Type PLB Tested Life 24 hours Ba...

lang:en score:18 filesize: 151.82 K page_count: 2 document date: 2018-12-19



Accelerated Rescue Capabilities with Galileo Powered Beacons

Galileo is the European Union's Global Navigation Satellite System (GNSS) constellation consisting of 26 satellites and their ground infrastructure. The new system reached its operational phase in 2017, allowing technology with a Galileo-enabled receiver to use signals from both the GPS and Galileo constellations.

Galileo development is part of the EU's preparations for upgrading the international distress beacon locating organization, Copasatellite, Search and Rescue (SAR) ecosystem under the MEOSAR program, which means that the new system will be a member of the MEOSAR fleet, made up of the US GPS, EU Galileo and Russian Glonass constellations.

Diagram illustrating the SAR process:

1. Distress call utilizing a mobile device.
2. Search & Rescue (SAR) system receives the distress signal.
3. SAR system identifies the location of the distress signal.
4. SAR system activates the distress beacon.
5. Distress beacon transmits the location information.
6. SAR system receives the location information and initiates a rescue response.

When fully operational in 2022, MEOSAR's upgrade of the global SAR ecosystem will have wide ranging impact on search accuracy and reliability of emergency distress signals. Orolia has been involved in the MEOSAR project, developing and installing over 60% of the global ground infrastructure and components.

With the 2017 launch of the award winning SmartFind G8 & SafetyPIRBs and the 2019 release of the upgraded FastFind 220 and Kannad Solo Location Beacons (PLBs), Orolia Maritime offered the world's first search and rescue beacons with accelerated location detection by utilizing multiple GNSS sources, resulting in precision location capabilities of centimeters.

www.oroliamaritime.com
maritime sales@orolia.com



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

McMurdo

FastFind 220

91-001-320A-C
91-001-222A-C
91-001-223A-C

FastFind Ranger

91-001-420A-C
91-001-421A-C

Kannad Marine

Safelink SOLO

K91-001-310A-C
K91-001-311A-C
K91-001-311A0-A-B
K91-001-312A-C
K91-001-313A-C
K91-001-314A-A

Manufacturer: Orolia Ltd
Silver Point, Airport Service Road, Portsmouth, UK

Contact:
+44 (0) 23 9262 3900

Description: The product is an emergency Personal Locator Beacon powered by Lithium batteries. Sealed inside the product, the batteries are in a pack containing several small hermetically sealed primary Lithium - Iron Disulfide cells. The batteries are in their own plastic casing, and therefore does physical and electrical short circuit protection.

Use Information:

The batteries in the product have a limited service life, see label for exposure 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 250 g.

1001802-Z423 PSI Issue 1
Page 1 of 2

[pdf] SAR Rating

Operation Shark Bait A4 v4 seasofsolutions

Accelerated Rescue Capabilities with Galileo Powered Beacons Galileo is the European Union's Global ... 2017 launch of the award winning SmartFind G8 SafePro EPIRBs and the 2019 release of the upgraded FastFind 220 and Kannad Solo Personal Location Beacons PLBs , Orolia Maritime offered the world's f...

lang:en score:18 filesize: 619.5 K page_count: 2 document date: 2019-10-23

[pdf] Label

HKK 1001802 Z423 PSI Issue 1 seasofsolutions

Product Safety Information FastFind 220 / Ranger PLB Battery Kits Safelink SOLO PLB Battery Kits Orolia Limited Silver Point Airport Service Road Portsmouth PO3 5PB United Kingdom Int 44 0 23 9262 3900 McMurdo FastFind 220 FastFind Ranger Kannad Marine Safelink SOLO Manufacturer: Contact: 91-0...

lang:en score:18 filesize: 106.43 K page_count: 2 document date: 2019-02-21