

*Kannad Marine*

**R10 AIS Beacon Battery Kit 98-220A**

*McMurdo*

**S10 AIS Beacon Battery Kit 98-300A**

Manufacturer: McMurdo Ltd  
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Description: the product is a battery replacement kit for a range of Search And Rescue Locating Devices. It includes a battery pack containing 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 the battery pack within the product is less than 2.0 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. McMurdo Ltd makes no warranty, either express or implied, with respect to this information, and disclaims all liability from reference on it.

## **Transport Information**

The product is not restricted for transportation as air cargo.

UN Hazard Code: Class 9  
UN Hazard Class: not restricted  
UN Number: UN3090  
UN Name: Lithium Metal Batteries contained in equipment  
Packaging Group: II  
UN Packing Instruction: PI 970

## **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 McMurdo for advice.

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

McMurdo 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), McMurdo 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 McMurdo equipment User Manual, under the heading: End of Life Statement.