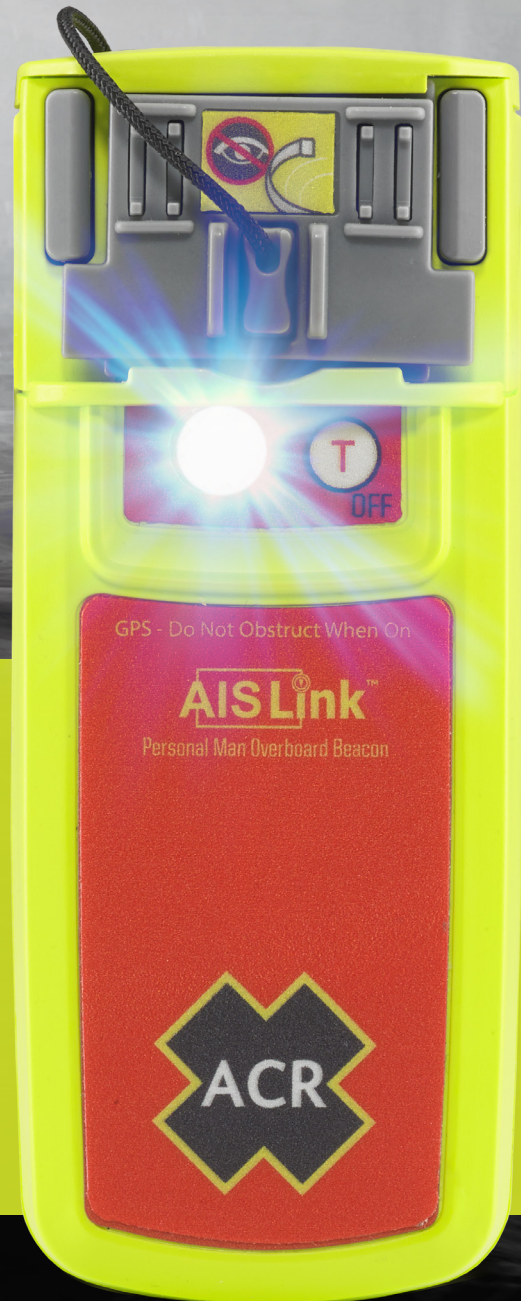


# THE SCIENCE **ACR** OF SURVIVAL



## **AISLink™ MOB** PERSONAL MAN OVERBOARD BEACON



AIS Frequency Enabled



Integrated DSC  
Transmitter

Advanced Automatic Identification System (AIS) technology comes to the rescue with this compact and affordable man overboard beacon with integrated Digital Selective Calling (DSC) and GPS. Unlike a personal locator beacon, which signals orbiting search and rescue satellites, AISLink sends an alert message within seconds to all local vessels with an AIS receiver and/or AIS-enabled plotter. The DSC alarm on your vessel's VHF can also be signaled.

GPS - Do Not Obstruct When On

**AISLink™**

Personal Man Overboard Beacon



# AISLink MOB

## PERSONAL MAN OVERBOARD BEACON

Seconds count in a Man OverBoard (MOB) situation. The AISLink MOB automatically activates upon inflation of the lifejacket, sending an initial alert within 15 seconds to all AIS receivers and plotters in the vicinity. Both positioning and MOB emergency messages are transmitted alerting vessels up to 5 miles away of your emergency situation.

Even in moderate seas, it is alarming how quickly a visual sighting of a man overboard can be lost. The AISLink MOB's integrated GPS quickly pinpoints a precise location and transmits this as part of the AIS alert message to all local AIS equipped vessels. The AISLink MOB also has the ability to alert your crew to the emergency by activating the DSC alarm on your vessel's VHF. All AIS receivers and AIS-enabled plotters within a 5-mile radius (dependent on conditions) are alerted, and an integrated high-intensity

strobe light assists with accurate positioning even in low light conditions. Powerful lithium batteries provide 24+ hours of operational life, and the high-impact housing can withstand a drop to water of 20m.

### Compatibility:

Note that most modern AIS plotters and DSC VHF units comply with the standards for receiving MOB transmissions. However, it is recommended that you check with your equipment manufacturer to ensure compatibility. DSC functionality may vary — or be disabled entirely — according to the regulations of individual countries.



Fast GPS Location



High Intensity Strobe Light



Automatic Activation



Simple Lifejacket Integration



Over 24 Hours Operational Life

## SPECIFICATIONS

**Product Number:** 2886

### Operating Frequencies

AIS channel 1 - 161.975 MHz  
AIS Channel 2 - 162.025 MHz  
DSC - 156.525 MHz

### AIS Transmission

**AIS Messages:** Message 1 (Position), Message 14 (MOB Status)  
**AIS Repetition Interval:** 8 messages/minute (message 14 sent twice every 4 minutes)

### DSC Transmission

**DSC Messages:** Individual Distress Relay (single call made on press of the activation button, in regions where it is allowed)  
**DSC Repetition Interval:** Once every 5 minutes (Relay only)

### Battery Life

7 Years from date of manufacture or after emergency use (24+ hours operational battery life)

### Accessories Included

- Oral Mounting Bracket
- Installation Bracket
- Activation Tape
- Antenna Rewind Tool
- Programming Adapter
- Tether
- Life-jacket Fixing Buckle
- Fixing Buckle Patch
- Reflective Strips (x2)

### Transmit Power (EIRP)

AIS - 1 Watt  
DSC - 0.5 Watt

### Baud Rate

AIS - 9600 Baud  
DSC - 1200 Baud

### Strobe

LED Strobe

### Dimensions

4.52 x 1.81 x 1.06 in.  
(115 x 46 x 27 mm)

### GPS Enabled

Yes

### Warranty

5 Years

### Weight

0.2 lbs (92 g)

### Waterproof

10 Meters

### Activation Method

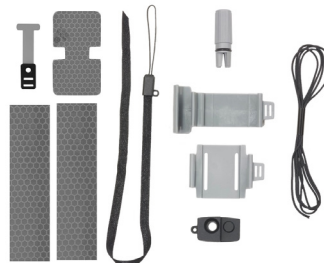
Manual or Automatic Activation

### Temperature Certified to:

Operating: -4°F - 131°F (-20°C to +55°C)  
Storage: -67°F - 185°F (-55°C to +85°C)

### Approvals:

FCC (class 1 permissive change)  
Please visit [www.ACRARTEX.com](http://www.ACRARTEX.com) for a full list of approvals.



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