

THE SCIENCE **ACR** OF SURVIVAL



AISLink™ MOB

PERSONAL MAN OVERBOARD BEACON

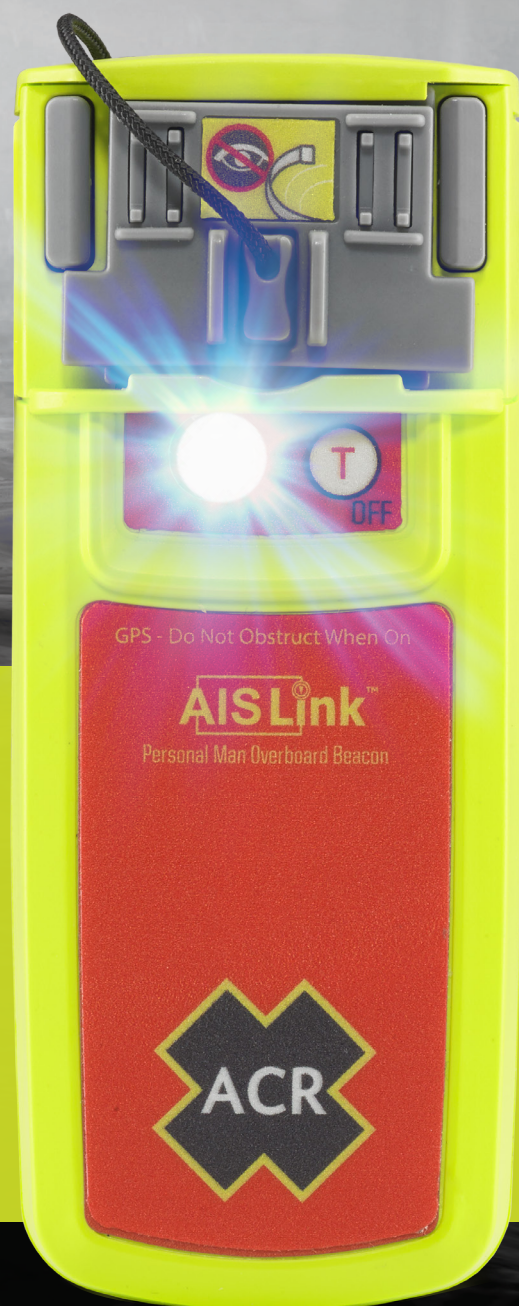


AIS Frequency Enabled



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.



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.

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 for a full list of approvals.



Fast GPS Location



High Intensity
Strobe Light



Automatic Activation



Simple Lifejacket
Integration



Over 24 Hours
Operational Life



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