

beaufort

CREWSAFE V200 SUBMARINE ESCAPE BEACON

Designed specifically for submarines

Compact and easy to use following surface escape or abandonment. The Crewsafe V200 transmits GPS coordinates via AIS, VHF DSC and VHF voice message to pinpoint the location of casualties, enabling every crew member who reaches the surface to be located and tracked by rescue forces.

BENEFITS

- ⦿ Integrates with submarine escape equipment
- ⦿ Depth rated to 300m
- ⦿ Activates immediately upon reaching the surface
- ⦿ Fully tested with SEIE
- ⦿ Waterproof to an excess of 300m
- ⦿ VHF DSC and voice alerts
- ⦿ AIS transmissions
- ⦿ 121.5 MHZ Transmissions
- ⦿ GPS receiver



“Updates position data regularly to allow tracking of casualties”

CREWSAFE V200

TECHNICAL DATA

CREWSAFE V200

Operating Time	Nominal 48 hours emergency operation at -2.3°C (28°F) and longer in warmer conditions
Battery Life at +20°C	10 years shelf life (5 years operational life)
Dimensions	137 x 77 x 44 mm (5.39 x 3.03 x 1.73 in)
Weight (includes antenna & harness)	457 grams/1.0075 Pounds
Case	Water resistant to 300 metres (983.6 ft) for 1 hour and impact resistant
Strobe Light	>180° at 5 candelas. Flash rate 1Hz.

VHF DSC CHANNEL ALERTS:

Initial DSC Alert	Two minutes after activation from STANDBY to ON
First DSC GPS Data Alert Sent	Immediately after GPS lock is acquired
Subsequent DSC Alerts	Every five minutes for 30 minutes; every 10 minutes thereafter until the device is turned off or the batteries expire

VHF VOICE CHANNEL ALERTS:

Initial VHF Voice Alert	Two minutes after activation from STANDBY to ON
First VHF Voice GPS Data Alert Sent	Immediately after GPS lock is acquired
Subsequent VHF Voice Alerts	Every five minutes for 30 minutes; every 10 minutes thereafter until the device is turned off or the batteries expire

AIS TRANSMISSIONS

Initial AIS Alert	Two minutes after activation from STANDBY to ON
First AIS GPS Data Alert Sent	Within 1 minute of GPS lock acquisition
Timing of transmissions	Sent every minute after device commences transmissions

121.5 MHZ TRANSMISSIONS

First transmissions sent	Two minutes after activation from STANDBY to ON; continuously thereafter when in ON mode
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GPS RECEIVER

Channels	50 channel parallel
TTFF (Time to First Fix)	Less than 60 seconds
Antenna	Integrated solid state quadrafilar helix
GPS Acquisition Sensitivity	Cold start acquisition at -147dBm; Tracking and navigation to -160dBm
GPS Antenna Directivity	> -5dBi

ORDERING INFORMATION

Code	Product Name	Part Number
1017048	Crewsafe V200	1017048