

ACR Float-Free 406

Memory Capsule
for Simplified Voyage Data Recorder (S-VDR)

The Science of Survival



COBHAM



ACR Float-Free 406 Memory Capsule

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for Simplified Voyage Data Recorder (S-VDR)



Designed to securely store and maintain a retrievable record of a ship's navigational, technical and safety data, the Float-Free 406 Memory Capsule enables accident investigators to review procedures and instructions in the moments leading up to an accident.

- // The only S-VDR Memory Capsule available that provides a GPS acquisition test, a full functional self-test of internal circuitry, and battery voltage test
- // Internal GPS engine allows fast LAT/LON acquisition from a cold start for prompt recovery

- // Manual or automatic activation, beacon is water-activated when removed from capsule
- // Capsule meets performance standard for interfacing with Simplified Voyage Data Recorder (S-VDR) according to IMO Resolution MSC.163(78), and IEC 61996-2
- // Release spring activates data cable release mechanism. Ejects beacon out of the protective capsule to float to surface
- // Data transfer cable with ethernet plug connects to S-VDR and relays ships navigational data to memory module

- // Data transfer wire ejector separates the data transfer wire and 406 memory capsule upon deployment
- // Sea Shelter™ capsule protects memory capsule from extreme weather. Memory capsules that are placed inside a fully enclosed bracket, protected from the weather, have been proven to last twice as long as those placed in open faced brackets

High Efficiency Electronics

ACR's Patented HRU

Ergonomic, Compact Design

Highly Visible Xenon Strobe

168 Continuous Hours of Transmission Time

Marine Tough Design for Years of Useful Service

Made in the U.S.A.



Accessories

- Hydrostatic release kit (P/N 9490)
- S-VDR MC HydroFix and Data Cable Cutter Kit, 2 Yr Service Kit (P/N 2517)
- Flex Data Cable and Cutter Assembly (P/N 2518)
- Flex Data Cable Only (P/N 2519)
- Flex Data Cable Cutter Assembly Only (P/N 2520)
- S-VDR MC PS-100 Power Supply (P/N 2521)

It is mandatory that you register your S-VDR. It's fast, easy and free. Go to www.beaconregistration.noaa.gov. When activated, the unique identification code in your S-VDR is linked to the registration database. This way authorities can retrieve valuable information about you and your trip

Product Number	2515.4 (4 gigabyte) 2515.8 (8 gigabyte)
Size	17.5 x 4.75 x 3.5" (44.4 x 12.1 x 8.9 cm)
Weight	4.3 lbs. (1.95 kg)
Battery	Lithium
Replacement	Five (5) years after beacon is placed into service, whichever is first, or after emergency use
Storage	-58° F to + 158° F (-50° C to +70° C)
Material	High impact lexan case/polyethylene bracket
Color	Hi viz ACR-treuse™ beacon and bracket
Deployment	Automatic hydrostatic release
Operation	Manual or automatic activation
Waterproof	33 ft. (10 m)
Radiated Power	5 W +/-2dB (406 MHz); 50 mW +/-3dB (121.5 MHz)
Frequency	406.028 MHz, 121.5 MHz
Operational Life	Class 1: 48 hrs @ -40° F (-40° C) then continues 120 hours more @ -13° F (-25° C)
Typical Performance	150 Hours @ -4° F (-20° C), in addition to 48 Hours @ -40° F (-40° C) Longer in higher ambient temperatures
Approvals	Cospas-Sarsat, FCC, GMDSS, MED, IC Acceptances: USCG
Limited Warranty	5 years

For further information please contact:

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