



When the world's **MOST**
reliable headset **GOES**
UNDER WATER

Maritime Eagle and Oyster

The Maritime Eagle Headset and Oyster waterproof radio case are the perfect solution for converting any handheld or manpack radio into a 28 meter waterproof submersible system.



The Maritime Eagle is the headset of choice for the USSOCOM MICH maritime program and is widely used by other NATO Naval SOF units.



The Maritime Eagle Headset and Oyster are perfect for tasks that require maritime operations, such as SOF swimming and diving, EOD-Marine, Air Sea Rescue, Special Boat Units and Search and Rescue.

CUT THROUGH THE **CHAFF**™

SILYNX
COMMUNICATIONS, INC

Maritime Eagle and Oyster

CHAFF



Optional Configurations and Features:

- Oyster fits any radio size and antenna's length.
- Maritime Eagle can be provided as a standalone version to a marine radio like Maritime MBITR or AN/PRC-152.
- Maritime Eagle can also be supplied in its 2 meters waterproof urban version.
- Oyster can be worn with a backpack or tied to the user's leg by velcro bands.



Humidity: 95% at 60°C (MIL-STD-810F)
Immersion: 28 meter for 120 minutes

Electroacoustic

Audio Frequency Spectrum: 300 to 3500 Hz
Audio Acoustical Output: >90 dB SPL at 1.5 cm from the speaker when a 5V PTP 1 kHz tone applied
Mic. Frequency: 300 to 3500 Hz
Mic. Audio Level: 5mVrms with 1 KHz, 103 dB SPL acoustic signal
Current: No more than 2mA of current from the radio

TECHNICAL SPECIFICATIONS

Reliability

MTBF: 5,000h (MIL-HDBK-217F and MIL-STD-756b)
Cable's Pulling: ~9kg for 30 minutes
Cable's Bending: 250,000 bendings
Drop: 6 times from 1 meter onto concrete
Vibrations: ANSI/TIA/EIA-603-1992
Safety: No direct path of current to the user from the radio, no arcs or sparks during normal operation

Physical Data

Oyster's Weight: < 600 gr modified for GP344
Eagle's Weight: < 255 gr (without connector)

Environmental (MIL-STD-810F)
Operating Temperature: -31°C to +65°C
Storage Temperature: -33°C to +71°C

Peripheral

Controls: Normally open PTT switch
PTT Durability: More than 500,000 pressings
Finish: Black
Connectors: 5 or 6 pin waterproof connection between Eagle and Oyster. 10 pin impulse connector
Available Accessories: Maritime headband, helmet hanger, information protector, acoustic tube, backpack



* Specifications are subjected to change without notice.