REMORA

Limpet mine for special operations

REMORA is a limpet mine that incorporates a microcontroller-managed detonation system.

It is used by combat divers in covert underwater operations to neutralise threads.

Lighter, further

Its dimensions and notably light weight facilitate its transport and deployment, allowing it to be used in longer distance operations and enabling a single diver to carry two units.

Regulations and tests

REMORA has been designed according to STANAG 4187 and AOP 4497 safety standards, integrating insensitive explosives qualified according to STANAG 4170 and STANAG 4439.

In addition, it has successfully undergone climatic, mechanical and EMI/EMC tests in accordance with NATO standards.

REMORA has been subjected to rigorous qualification and sea operation tests, obtaining excellent results in detonation tests against marine steel targets of 12, 24 and 36 mm thickness.

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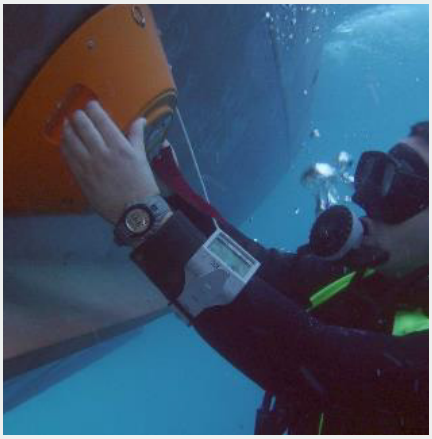


General features

- Low hydrodynamic resistance conical shape
- Attachment via magnets or nail-gun tool
- Programmable time in two modes via rugged tablet, certified against MIL-STD-810H, MIL-STD-461G and IP69:
  - Countdown mode
  - Real time mode
- OLED screen with user-adjustable light intensity
- Anti-removal device
- Built-in test capability
- Mechanical and electronic safeties
- Wireless link via Bluetooth
- Two versions available:
  - Combat
  - Exercise (reusable and inert)
- 10 years maintenance-free in storage
- User-replaceable batteries

Environmental and functional tests

REMORA has been successfully tested in the following tests: temperature, watertightness, salt fog, shock and vibrations; electromagnetic susceptibility and Jolt & Jumble test.

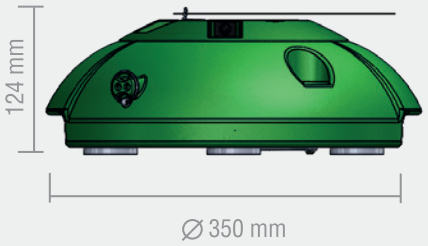
Numerous sea trials were conducted to validate the systems and verify the operation of the mines:

- Resistance to more than 8 knots by magnet attachment.
- Attachment to wood and GRP, using a nail-gun tool.
- Excellent results against steel targets of 12, 24 and 36 mm.

Accessories

- Backpack
- Cleaning tool
- Nail-gun
- Remote programmer

Physical characteristics



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