

# ACOUSTIC RELEASES

FOR INSTRUMENTATION  
DEPLOYMENT & RECOVERY



exail

# PRECISION RELEASE FOR SECURE DEPLOYMENT AND RECOVERY

Exail Oceano Series provides a robust technical platform for demanding offshore missions and long term oceanographic research. With an extensive track record of 25,000 units deployed at sea, this series is designed

## SECURE RELEASE AND LOAD HANDLING

- **Positive release:** secure hook opening via positive drive-off (Oceano R5) or screw-off (Oceano R1) mechanisms.
- **Redundant safety:** every release is backed by a dedicated internal battery cell.
- **Long-range command:** robust acoustic coding enables actuation at ultra-long distances.
- **Heavy-duty capacity:** engineered for payloads from 200 kg to 15,000 kg.

## EXTENDED DEPLOYMENTS

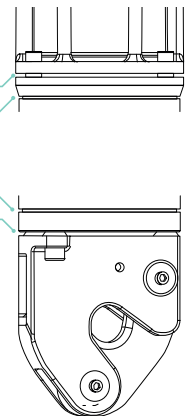
- **Exceptional battery life** of up to 60 months.
- **Power flexibility:** compatible with Lithium batteries for extended lifespans with no hardware changes.
- **Simplified logistics:** easy maintenance and recommissioning using off-the-shelf batteries.

## BUILT FOR HARSH ENVIRONMENTS

- **High corrosion resistance** thanks to high-tensile Super Duplex Stainless Steel.
- **Self-cleaning design:** Oceano R5 minimizes mechanical interfaces to promote waterflow and prevent standing water.
- **Full-depth versatility:** designed for longevity from coastal to ultra-deep deployments.

Oceano R5 design enables water flow all around the housing by minimizing the mechanical interfaces:

- between the transducer guard and the upper end-plate
- between the tube housing and both end-plates
- between the release mechanism and the lower end-plate



## FIELD-PROVEN CAPABILITIES

**25,000+**  
units deployed  
at sea

**up to 60**  
months  
operating life

**up to 15,000kg**  
payload  
capacity

Scan to view full  
technical specifications

