



LESCUT

Launched Expendable Scutter

LESCUT (Launched Expendable Scutter) is a joint product between Ultra Electronics Ocean Systems and RAFAEL, Israel. LESCUT is a rocket, mortar or over-the-side launched, expendable torpedo decoy based on Ultra's proven REAM and LEAD technology as well as RAFAEL's proven SCUTTER electronics and software.

LESCUT can be launched from a long list of standard chaff launchers found throughout the world. The various launch combinations enable decoy range from 2000 meters to close aboard. The LESCUT decoy operation is initiated automatically after water impact. Active acoustic transmissions are detected and analyzed resulting in the decoy selecting and generating the appropriate deception signal for transmission, including Doppler effects, target highlights and target self noise. If no torpedo transmissions are detected, LESCUT incorporates generic responses which are transmitted to counter

passive homing torpedoes. The decoy's "threat library" can be customized for each user's particular requirements. At the end of life all software is erased and the decoy sinks.

General specifications

| | |
|--|-------------------------------|
| Diameter: | 12.37 cm |
| Length: | 91.4-122.7 cm |
| Weight: | 4.5-24.8 kg |
| Frequency range: | 17-85 kHz |
| Source level: | >180dB re μPa @ 1m |
| Receive sensitivity: | 130dB re/ μPa |
| Operating life: | 10 minutes |
| Operating parameters: | Programmable |
| Complies with MIL-STD environment parameters | |



Softkill Countermeasures for Surface Ships



MAIN FEATURES

- Responds to All Types Of Torpedoes:
 - A: Identified Active Torpedo
 - B: New Active Torpedo
 - C: Passive Torpedo
- Identifies Threats and Responds Accordingly.
- Has a Threat Library and Respective Tailored Responses.
- Software Driven, so that the Library and the Responses may be Changed or Updated by the User.



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