Bullfighter
130mm Combined RF/IR Decoy

BULLFIGHTER™ is the new generation of 130 mm decoys for SRBOC and other 130 mm launcher systems to protect naval vessels up to the size of frigates against anti-ship missiles equipped with RF and/or IR seekers. The combined RF and IR payload is collocated and simultaneously effective against RF and IR seekers.

BULLFIGHTER™ produces an RCS density which is six times higher than standard chaff-decoys, due to its special deployment technique. The spectrally adjusted IR-payload produces a ship-like spectral signature in all IR-wave bands. This ensures the decoy’s effectiveness against all common infrared sensors including two-colour infrared seekers.

The deployment according to the “bullfighter principle” provides effectiveness against imaging IR seekers (IIR) with reduced fields of view and against RF seekers with reduced range gates.

Status
BULLFIGHTER™ has been successfully seeker tested against modern RF and IR seekers with highly sophisticated ECCM. BULLFIGHTER™ is in service with the German, Polish, Malaysian, Portuguese and Spanish Navy.

Main features
- Simultaneously effective against RF and IR/IIR seekers
- Omni polarisation
- High RCS density
- Very rapid blooming (< 3 secs)
- Ship-like spectral signature with two-colour performance
- Successfully seeker tested against modern RF and IR/IIR seekers
### Technical Data

<table>
<thead>
<tr>
<th>Description</th>
<th>Specification</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall length of round</td>
<td>1,208 mm</td>
<td>Auto-sequencer, Auto-walk-off (AWO) or Load-status-indicator (LSE)</td>
</tr>
<tr>
<td>Total weight</td>
<td>approx. 21 kg</td>
<td></td>
</tr>
<tr>
<td>Number of submunitions</td>
<td>5</td>
<td></td>
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<tr>
<td>Reaction time</td>
<td>&lt;3 secs</td>
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<tr>
<td>Hazard classification</td>
<td>1.3 G</td>
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<tr>
<td>Nato Stock No.</td>
<td>NSN 1320-12-348-DS 36</td>
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</tr>
</tbody>
</table>

**Images:**
- IR-seeker locked on ship
- RF-seeker locked on ship
- BULLFIGHTER deployment
- IR-seeker separation
- RF-seeker separation
- IR-seeker separated
- RF-seeker separated