Kongsberg Maritime

# Product Specification

KONGSBERG

# Submarine Launched Rescue Device

(NSN 5845-99-325-0387)

**The SSE Launched Transponder is an integral device capable of ejection from a distressed submarine (DISSUB) via the submerged signal ejector (SSE). The unit enables rescue assets to acoustically position the DISSUB using a number of commercial and naval tracking systems. In-service with the Royal Navy, the UK variant is compatible with Sonar 2059 and the Kongsberg HPR system range.**

The unit contains an integral SSE ejection mechanism and a ballast weight at its base. Immediately upon ejection the rear section containing the ballast weight separates from the main unit by means of an approved separation device. Kongsberg has extensive experience in the design and manufacture of expendable stores including self generated noise measurement devices and GPS positioning buoys.

## Available Models

SSE Launched Transponder (RN Model): ±90º beam pattern, alkaline battery pack, 1150 feet rating (proof tested at 1550 feet). HPR 300, 400 series & 2059 compatible.

Note: Compatibility with a range of acoustic tracking systems and search sonars is possible, along with alternative transducer beams, source levels, depth ratings, battery types, physical dimensions etc

## Technical Specification (RN Model)

Maximum Depth Rating .....350 metres
Source Level .....188dB re 1uPa at 1m
Receive Sensitivity (mid band) .....110dB re 1uPa
Transducer Beam .....±90º
Housing Material .....Hard anodised aluminium
Weight in air/water .....11kg/4.8kg
Outside diameter .....100mm
Overall length .....1015mm
Channels .....All Sonar 2059 and HPR Transponder channels Except emergency 'A' and 'B'
Power supply .....Internal alkaline battery

## Battery Lifetime

| | Quiescent (Number of Days) | Active @ 1 ping/sec (hours) | Number of HPR replies |
|---|---|---|---|
| Lithium | 125 | 70 | 252000 |
| Alkaline | 60 | 34 | 120960 |

*Note: Specifications may be changed without notice*

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**KONGSBERG MARITIME LTD**
11 The Briars Waterberry Drive Waterlooville Hants PO7 7YH
tel: +44 23 9224 7800 fax: +44 23 9224 7808 email: km.waterlooville.uk@kongsberg.com
**www.kongsberg.com**