

Transponder

Technical Specifications

Maximum depth rating:

RPT 319	1000m
RPT 324	2000m

Source level (re.1 μ Pa ref. 1m):

RPT 319 ($\pm 90^\circ$ beam).....	188 dB
RPT 324 ($\pm 45^\circ$ beam).....	195 dB

Source level can be reduced by 4dB using an internal link

Receiver sensitivity (rel. 1 μ Pa):

RPT 319	110 dB
RPT 324	98dB

Sensitivity can be decreased by 10 dB using an internal link

Transducer beam:

RPT 319	$\pm 90^\circ$
RPT 324	$\pm 45^\circ$

Housing material.. Hard anodized Aluminium

Coating Polyurethane

Weight in air:

RPT 319	2.3 kg
RPT 324	2.5 kg

Weight in water:

RPT 319	1.0 kg
RPT 324	1.2 kg

External diameter 75mm with coating

Overall length 328mm

Channel..... All HPR Transponder channels
excluding emergency "A" and "B"



The Kongsberg Simrad Transponder is a new design of medium frequency HPR Series compatible mini transponder for applications where a small and lightweight unit is required.

The new transponder has all the features of the original MHT transponder, with the additional benefits of:

- External channel selection
- 14 x HPR300 channels and 56 x HPR400 channels available
- Operator selectable source level to optimise battery life requirements
- Operator selectable sensitivity
- Increased battery life
- Faster battery charging
- Improved mechanical protection

Compatible with all existing HPR300 systems, this new model is also now compatible with the full range of channels available in the HPR400 and HiPAP Series positioning systems. Expandability for the future addition of various sensors is built in.

