

Singlebeam echo sounder transducers



KONGSBERG

No longer sold: 12-16/60, 18-11 and 38-7

Kongsberg Discovery aims to provide support to current and previous generation of products. However, the availability to key components, materials and production capabilities are limiting factor for support over time.

Due to changes in the production capabilities, Kongsberg Discovery will cease selling the following singlebeam echo sounder transducers:

Transducer 12/16-60, item no.: KSV-089510

Transducer 18-11, item no.: KSV-088693

Transducer 38-7, item no.: KSV-082776

There will be no further production of these transducers.

For already installed transducers these may be continued to be used throughout their lifetime. If physically undamaged, they do typically not break or fail.

Estimated mean time between failures (MTBF) is 20 years.



Proposed alternatives

TD 18 kHz, 11 deg (ES18-11 mk2)

- Item no.: 493868
- Nominal frequency: 18 kHz
- Wideband: 14-22 kHz
- Beam width: 11 deg
- Same form and dimensions as 12-16/60 and 18-11

TD 12 kHz, 20 deg (12-20)

- Item no.: 110-0079615
- Nominal frequency: 12 kHz
- Wideband: 11-16 kHz
- Beam width: 20 deg

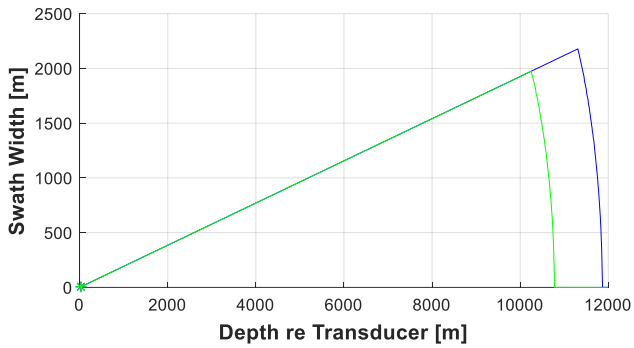
TD 15 kHz, 17 deg (15-17)

- Item no.: KSV-223313
- Nominal frequency: 15 kHz
- Wideband: 12-18 kHz
- Beam width: 17 deg

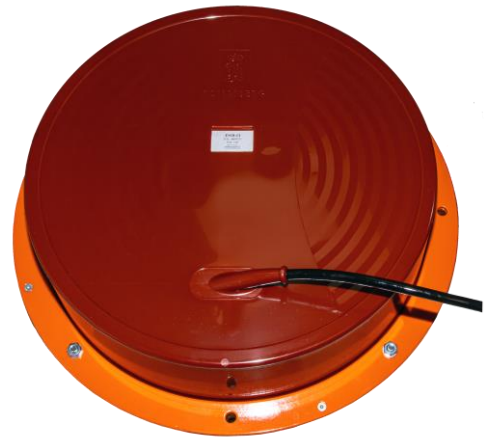
TD 38 kHz, 9 deg (38-9)

- Item no.: KSV-203635
- Nominal frequency: 38 kHz
- Wideband: 36-40 kHz
- Beam width: 9 deg

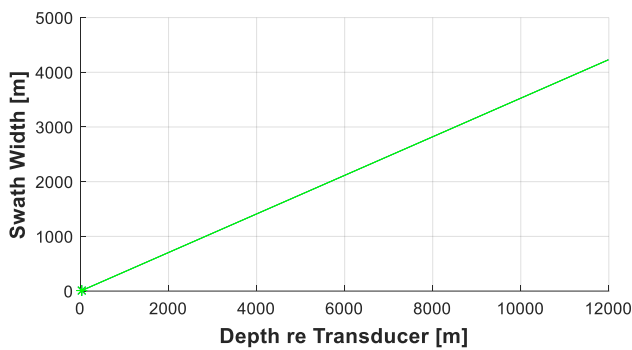
TD 18 kHz, 11 deg (ES18-11 mk2)



TD 18 kHz, 11 deg (ES18-11 mk2): 2000W, 2 ms CW pulse (green curve), 8 ms 1000 Hz FM pulse (blue curve), cold ocean



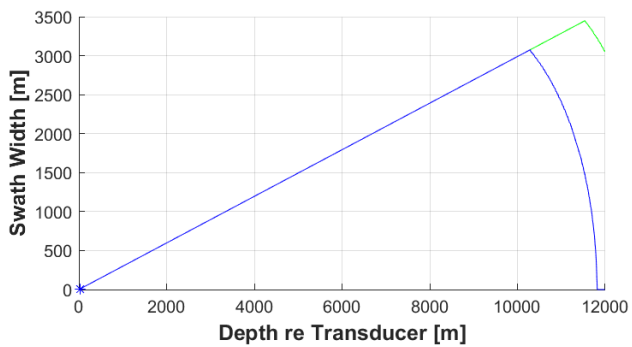
TD 12 kHz, 20 deg (12-20)



TD 12 kHz, 20 deg (12-20): 2000W, 2 ms CW pulse and 8 ms 1000 Hz FM pulse, warm or cold ocean

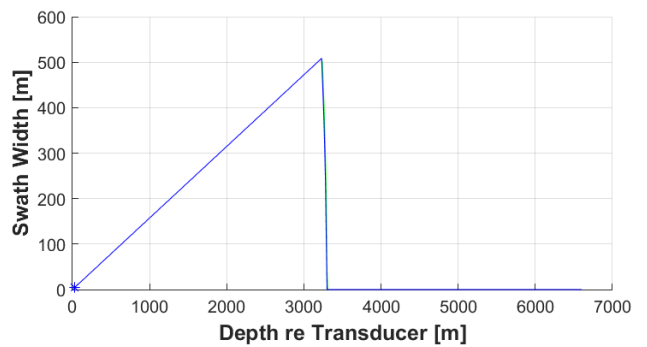


TD 15 kHz, 17 deg (15-17)



TD 15 kHz, 17 deg (15-17): 2000W, 2 ms CW pulse (blue curve) and 8 ms 1000 Hz FM pulse (green curve), cold ocean

TD 38 kHz, 9 deg (38-9)



TD 38 kHz, 9 deg (38-9): 1500W, 2 ms CW pulse and 4 ms 1000 Hz FM pulse, cold ocean

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