



## BOS Angler – 2D/3D/EM DPII Vessel Particulars

|                |   |                                   |   |
|----------------|---|-----------------------------------|---|
| Marine Details | <p><b>Port of registry:</b> Bergen<br/> <b>Built:</b> 1998<br/> <b>Flag:</b> NIS<br/> <b>Class:</b> DNV 1A1 Dynpos Ice 1C<br/> <b>Length:</b> 66 m<br/> <b>Breadth:</b> 14 m<br/> <b>Draft:</b> 7.8 m<br/> <b>Gross Tonnage:</b> 3080 tons<br/> <b>Speed:</b> 12.5 knots<br/> <b>Fuel capacity:</b> 750 cu.m<br/> <b>Water capacity:</b> 13 cu./day</p> | Vessel Navigation & Communication | <p><b>Radars:</b> Furuno FAR 2835 S, 10 cm Arpa Furuno FR 2110, 3 cm Arpa<br/> <b>Communications:</b> GMDSS class 3/A3<br/> <b>Echo Sounder:</b> Furuno FE680<br/> <b>Gyro Compass:</b> 2 Robertson RGC 12<br/> <b>Auto Pilot:</b> Robertson AP-9 MK3<br/> <b>Navigation:</b> 1 x Furuno GP80<br/> <b>Sat Com:</b> NorSat C</p> |
| Propulsion     | <p><b>Main engine:</b> Caterpillar type 3612 TA. Engine output 3800 Bkw at 900rpm<br/> <b>Bow thrusters:</b> 1 x Brunvoll 1000kW<br/> <b>Azimuth thruster:</b> 1 x Aquamaster UL2001. Input power 1500Kw at 1800 rpm.</p>   | Seismic Recording Instruments     | <p><b>Recording:</b> Sercel<br/> <b>Max Channels:</b> 2160 @ 6 x 4500 m streamer length<br/> <b>Sample rate:</b> 0.25, 0.5, 1, 2, 4 ms<br/> <b>Recording Media:</b> IBM 3592<br/> <b>Plotter:</b> ISYS 24"</p>  |
| Power          | <p><b>Auxiliary power:</b> 2 x Caterpillar<br/> <b>Type:</b> 3512TA<br/> <b>Total Power:</b> 5000 kW<br/> <b>Electric Power:</b> 450 V, 60 Hz</p>   | Streamer                          | <p><b>Type:</b> Sercel SENTINEL<br/> <b>Group interval:</b> 12.5<br/> <b>Length per section:</b> 150 m<br/> <b>Max streamer length:</b><br/>           1 x 12 000 metres<br/>           6 x 4500 metres</p>   |
| Accommodation  | <p><b>Accommodation:</b> 50 people</p>  | Navigation                        | <p><b>Manufacturer:</b> Concept Systems<br/> <b>Real-time navigation:</b> Spectra/Reflex<br/> <b>Post-processing:</b> Sprint<br/> <b>Streamer Controller:</b> Digicourse 5011<br/> <b>Tail-buoy positioning:</b> Seamap Buoylink<br/> <b>Acoustic positioning:</b> Sonardyne/SIPS II</p>  |
| Life Saving    | <p><b>Life rafts:</b> Viking Liferaft Type: 25DKF+, Viking 6 DKR (7 life rafts in total)<br/> <b>MOB Boat:</b> 1 X Norsafe magnum 750</p>   | Seismic QC/OBP                    | <p><b>Software:</b> Paradigm Focus v 5.4<br/> <b>Hardware:</b> 32 CPU IBM cluster (4 node QuadCore, 20 Tbyte disk)<br/> <b>Tape drives:</b> 3592 IBM<br/> <b>Plotter:</b> 24" OYO</p>   |
| Energy Source  | <p><b>Air guns:</b> 3 String air gun source<br/> <b>Array:</b> 2 x 4340 cu.in / 2 x 100 barM (p-p)<br/> <b>Marine Compressor:</b> 3 x LMFs<br/> <b>Compressor capacity:</b> 3 x 1800 SCFM<br/> <b>Operating pressure:</b> 2000 PSI<br/> <b>Source control system:</b> SeaMap Gun Link 2000</p>  | Other                             | <p>DPII Dynpos AUTR Ice 1C<br/>           USBL acoustic<br/>           HIPAP 500</p>  |
| Other          | <p><b>Main Crane:</b> 1 Maritime GMC, 4-15 T<br/> <b>Work Boat:</b> 1 X Norsafe Magnum 750<br/> <b>Incinerator:</b> Team Tec<br/> <b>Helideck:</b> d20-9,3t</p>   |                                   |   |