



## BOS Arctic – 3D Vessel Particulars

Marine Details	<p><b>Port of registry:</b> Bergen  <b>Flag:</b> NIS  <b>Class:</b> DNV 1A1 HELDK TMON  <b>Length:</b> 74.4 m  <b>Breadth:</b> 18 m  <b>Draft:</b> 8,50 m  <b>Gross Tonnage:</b> 3050 tons  <b>Speed:</b> 12,5 knots  <b>Fuel capacity:</b> 820 cu.m  <b>Water capacity:</b> 16 cu./day</p>	Vessel Navigation & Communication	<p><b>Radars:</b>  Furuno FAR 2835 S  Furuno FR 2115  Furuno FR 2115 (bow)  <b>Communications:</b> GMDSS 3/A3  <b>Echo Sounder:</b> Furuno FCV 1500  <b>Gyro Compass:</b> Sperre Navigat x MK1  <b>Auto Pilot:</b> Anschutz Pilotstar D  <b>Navigation:</b> Furuno GP 80  <b>Sat Com:</b> NorSat C</p>
Propulsion	<p><b>Main engine:</b>  Wartsila NSD 4300 kW/750rpm  <b>Bow thrusters:</b> 1 x Brunvoll,  1 x RollsRoyce  <b>Azimuth thruster:</b> RR 850 kW</p>	Seismic Recording Instruments	<p><b>Recording:</b> Sercel  <b>Max Channels:</b> 3888 at 6 x 8100 m streamer length  <b>Sample rate:</b> 0.25, 0.5, 1, 2, 4 ms  <b>Recording Media:</b> IBM 3592  <b>Plotter:</b> ISYS 24"</p>
Power	<p><b>AuXiliary power:</b>  1 x Leroy Somer/Wartsila 2000kW  3 x Cumings/Stamford HCM 734G  <b>Total Power:</b> 7000 kW  <b>Electric Power:</b> 450 V, 60 Hz</p>	Streamer	<p><b>Type:</b> Sercel SENTINEL  <b>Group interval:</b> 12.5  <b>Length per section:</b> 150 meters  <b>Max streamer length:</b>  6 x 8 100 meters</p>
Accommodation	<p><b>Accommodation:</b> 47 People</p>	Navigation	<p><b>Manufacturer:</b> Concept Systems  <b>Real-time navigation:</b> ORCA 3D  <b>Post-processing:</b> Orca Sprint  <b>Acoustic Positioning:</b> Sonardyne SIPS 2  <b>Streamer Controller:</b> Digicourse 5011  <b>Tail-buoy positioning:</b>  Seamap Buoylink</p>
Life saving	<p><b>Life rafts:</b> 6 x 25 man  <b>MOB Boat:</b> Mare Safety GTC 700</p>	Seismic QC/OBP	<p><b>Software:</b> Paradigm Focus v 5.4  <b>Hardware:</b> 32 CPU IBM cluster (4 node QuadCore, 40 tbyte disk)  <b>Tape drives:</b> 3592 IBM  <b>Plotter:</b> 24" OYO</p>
Energy Source	<p><b>Air guns:</b> Sercel Sodera  <b>Array:</b> 2 x 4340 cu.in / 2 x 100 barM (p-p)  <b>Marine Compressor:</b> 3 x LMFs  <b>Compressor capacity:</b> 3 x 1800 SCFM  <b>Operating pressure:</b> 2000 PSI  <b>Source control system:</b> SeaMap Gun Link 2000</p>	Other	<p>DPII Dynpos AUTR Ice 1C  USBL acoustic</p>
Other	<p><b>Helideck:</b> D 21 – 12,8t  <b>Main Crane:</b> Hidrofer S.A. 6,3t 14.5  <b>Incinerator:</b> Team Tec  <b>Work Boat:</b> Jemar Norpower 26FT</p>		