

Appendix - Fleet

BGP GILAVAR

2D/3D Seismic Vessel



General	
Port of Registry:	Baku
Flag:	Azerbaijan
Class:	ABS / CCS
Year of Built:	2018
Length:	84.9 m
Breadth:	19.1 m
Draft (min / max):	5.9 m / 6.3 m
Gross Tonnage:	3779
Speed:	12.5 knots
Fuel Capacity:	885 m ³
Main Engine:	4 x Asea-LAB450 600kw
Bow Thruster:	Brunvoll SPT VP 600/450Kw
Auxiliary Engines:	4 x Bergen Diesel Krgb-9 x 1445
Generators:	4 x ABB/AMG 560 S8, 1960kva
Propeller Type:	1 x 4 Blade, Hjelseth
Accommodation:	56 persons
Life Rafts:	6 x 25 persons, viking
Mob Life Raft:	1 x 6 person, viking
Workboat:	1*25 ft, Norpower,
FRC:	1 x Norsafe 615

Vessel Navigation & Communication	
Radar:	Furuno X -Band FAR-2827 Furuno S -Band FAR-2837s RADAR/ARPA
Communications:	Inmarsat C, F and VSAT
Gyro Compass:	2 x Simrad GC 80
Auto Pilot:	1 x Roberson AP 9 MK II
Echo Sounder:	Sinrad EN-250 Bridge
GPS Receiver:	2 x Furuno GP-90
Speed Log:	JIN-205 Doppler Log
Weather Facsimile:	FURUNO NX-700

Recording Instrument	
Manufacturer:	Sercel
Type:	Seal 428 System
No. of Channels:	960 CH
Sample Rate:	0.5, 1, 2, 4 ms
Analog Filter :	Analog 3 hz @ 6db / oct, 0.8 NF (linear or minimum phase)
Recording Media:	IBM 3592

Streamer	
Manufacturer:	Sercel
Type:	Sentinel Solid Streamer
Section Length:	150 m
Group Interval:	12.5 m
Streamer Configuration:	1 x 12 km, 2 x 8 km, 4 x 4.5 km
Hydrophone Type:	Sercel Flexible Hydrophone
Hydrophones / Group:	8

Navigation Equipment	
Manufacturer:	ION
Integrated Navigation System :	ORCA V.1.12.1
Navigation Processing:	Iris & Sprint
Depth Controller:	DigiCOURSE 5011E
Compass System:	DigiCOURSE 5011E
Streamer Steering:	DigiFIN 5120
Primary DGPS:	Veripos Ultra
Secondary DGPS:	Veripos Apex
Tail Buoy & Source Positioning:	Kongsberg Seatrack

Source Equipment	
Manufacturer:	Teledyne
Type:	Bolt
No. of Sub-array:	6
Array Volume:	2 x 2740 cu.in.
Model:	Burchardit B5S 1500
Compressor Capacity:	2 x 1590 cfm
Operating Pressure:	2000 psi
Source Controller:	BigShot

Onboard Processing	
Processing CPU:	64 CPU (24 Nodes), IBM 3550 x M4
Processing Software:	GeoEast 3.0.5, KL-Streamer