

VESSEL SPECIFICATIONS

A. VESSEL DETAILS

VESSEL NAME	M/V CGG VENTURER
Owner	Exploration Vessel Resources AS
Flag	NIS
Port Of Registry	Bergen
Built / Rebuilt	1986 Drammen, Norway
Class	DNV 1A1 HELDK
Call Sign	LAZD5
IMO Official Number	8510673
Length	89,55 m
Beam	14,40 m
Max Draft	6,4 / 4,975 m (summer)
Dead Weight / Net Tonnage	1180 tons
Gross Registered Tonnage	3935 tons
Cruising Speed	13 knots
Fuel Capacity	600 m ³ with tanks full
Endurance	35 days in production
Fuel Consumption	18 m ³ /day (transit) 25 m ³ /day (max) 15 m ³ /day (3D operations)
Fresh Water	142 m ³ 35 m ³ /day produced by reverse osmosis
Main Engines	3 x Bergen Diesel each 1826 kW / 2480 HP, Only 2 used for direct propulsion. Max 4961 HP.
Alternative Propulsions	In electrical mode max 1100 kW
Bow Thrusters	Brunvoll, electrical 670 HP/ 500 kW
Towing capacity	From 680kN (Bollard pull) to 200 kN at 10kt
Seismic Compressors	8 x Hamworthy, 390 SCFM @ 2000 psi
Safe Manning certificate (minimum)	10 persons

B. COMMUNICATION

COMMUNICATION SYSTEMS	
Safety	GMDSS A1,A2 AND A3
Satellite VSAT	Saturn 3S, JRC Marine, VSAT DMS
Data Transfer	64 kb/sec Marine Network & 128 kb/sec Seismic Network
VHF Radio	Stationary: Sailor RT 2047, 2 x Kelvin Hughes 2042, Sailor RT 4822 Portable: 2 x Motorola and 2 x ICOM
MF/HF Radio	Skanti TRP8751D, 750 watt & Skanti TRP8000D, 750 watt
VSAT Numbers	+47 5560 69 30, (31), (32), (33 – Captain)
Inmarsat C	2 X Thrane & Thrane TT3020C
Inmarsat M	(+ocean region) 625 732 910
Navtex Receiver	Furuno MX-500

C. NAVIGATION

NAVIGATION SYSTEMS	
GPS	Shipmate RS5310 Furuno GP80/GR80 DGPS
Gyro Compass	SG Brown Meridian
Radar	10 cm Furuno FAR2835S 3 cm Furuno FAR2827
Autopilot	Robertson AP9 MkII Robertson Robtrack
Speed Log	SAL SD 1-7
Echo Sounder	Skipper GDS 101
ECDIS	Admiral
Wind Indicator	Analogue, Thomas Walker
Magnetic compass	Bergen Nautic

D. SAFETY

SAFETY EQUIPMENT	
MOB Boat	Norsafe 6.55 Mako FRC
Life Rafts	Viking 6 X 25 persons MOB liferaft – 4 persons
Life Vests	99 pcs
Work Vests	10 pcs
Survival Suits	56 pcs
Seismic Work Boat	Malo Norpower 22

E. ACCOMMODATION

ARRANGEMENT	
Cabin Type 1	36 Single cabins
Cabin Type 2	8 Double cabins
Cabin Type 3	Hospital - 1 Bed not to be counted
TOTAL	Total safe capacity – 50 (certified maximum number)

F. HELIDECK

EQUIPMENT & CERTIFICATION	
Rating	Bell 212
Fire Fighting	Foam system and 50kg dry powder
Helicopter deck rating	9300 kgs
Non directional beacon	Jotron 30S
Ship/Air Communication	Skanti TRP800 HF-SSB

Motion Weather Info	TSS DMS2
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G. WORKBOATS

TYPE	NORPOWER 22FT
Length O.A.	6,95 m
Beam	2,47 m
Draught	1,10 m
Weight (full load & 4 crewmembers)	4400 kg
Engines	John Deer 6068 180hp 2400rpm
Bollard Pull	2000 kg
Fuel	240L Diesel
Max Speed	16 kt