



HORIZON GEOSCIENCES

KOMMANDOR SUSAN

VESSEL FEATURES

- DP2, Multipurpose Site Investigation Vessel
- Economic Diesel Electric Propulsion
- Efficient Contra Rotating Thrusters
- Accommodation for 50 persons

GEOTECHNICAL EQUIPMENT

- Fully Heave Compensated Twin Derrick Drill Rig
- Wison-APB Sampling, PCPT and Down-hole Vane Testing Equipment
- Containerized Mud Mix & Transfer system
- High Quality Coring - Nested Coring System
- Automatic Pipe / Tool Handling
- Automatic Drilling Parameters Recording
- Offshore Soil Testing Laboratory
- 200 kN seabed CPT system
- ROSON 40 kN CPT system
- Vibro / Drop / Gravity Coring

ROV EQUIPMENT

- Horizon Shark G2 inspection class ROV

POSITIONING SYSTEM

- CNAV & Veripos (Primary & Secondary)

DIMENSIONS

- Length OA 83.70m
- Length PP 76.20m
- Breadth/Beam 19.7m
- Depth Main Deck 7.45m
- Maximum Draft 6.00m

CLASSIFICATION/AUTHORITY

DNV +1A1, Supply Vessel SF, EO, Dynopos
AUT.R ERN (99.99.96) HL (2,8), DK+,
Worldwide operations

SPEED

- Max Speed 13 knots
- Eco Speed 10 Knots

ACCOMMODATION

- 10 Single Berth Cabins
- 20 Twin Berth Cabins

PROPULSION

- 4x 1820 kW generators
- 2 x 2200 kW Aquamaster CRP 15
- Fwd Azimuth 883kW
- Fwd Tunnel 883kW

FACILITIES

- 912m² Clear Deck
- Deadweight 4000t
- 4m x 4m Moonpool
- Gymnasium
- Games Room / Audio-Video Suite

HANDLING EQUIPMENT

- Port Side Crane - 3 tonnes @ 10m
- Starboard Side Crane - 5 tonnes @10M
- Starboard Side Aft Crane - 3 tonnes @ 22m
- Stern A Frame - 10 tonnes

LIFE SAVING EQUIPMENT

- Liferrafts : Acc, to solas, 6 off 25 persons
- Rescue MOB/Boat: 7.4m RIB
- Volvo w/waterjet: 200 HP
- Rescue boat Davit: Hydramaskin
- Safe equipment: Acc. to NMD/SOLAS for 50 persons

HARBOUR/GENERATOR SET

- 1 off - 370kW / 1800RPM

LOADING COMPUTER

- MT/BigChief lodic computer

BRIDGE/RADIO ROOM

- Kongsberg K POS SDP22 DP
- Hipap USBL
- DGPS Positioning System
- 2 x Gyro compass
- 2 x Radars
- V SAT

CARGO CAPACITIES

- Deadweight at max draft 4000T
- Cargo deck, free area 912T
- Cargo deck, length 57.0m
- Cargo deck, width 16.0m
- Max weight of deck cargo 3000T
- Max deck load 5T/m2



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DECK EQUIPMENT

Windlass (anchor)	2 off. 10T
Mooring winch aft	2 off. 10T
Tugger winch	2 off. 10T

TONNAGE

Gross Tonnage (BT)	3295T
Net Tonnage (NT)	1389T

NAUTICAL EQUIPMENT

Radar Furuno	10 cm ARPA S.1 off
	3 cm ARPA X.1 off
Gyrocompass	Simrad Robertson, 2 off
Aut. dig.	Direction finder 1 off
VHF.auto dig	Direction finder 1 off
Speed log	Furuno. 1 off
Echo sounder	Skipper GDS. 1 off
Satellite navigator	DPS12 (DGPS). 1 off
Satellite Comm. Systems	1 off
Radio telephone	Skanti. 1 off
Radio telex type	Skanti. 1 off
Weather fax receiver	Furuno. 1 off
Inmarsat B	Furuno. 1 off



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