

Geosounder



GENERAL DESCRIPTION

Name:	Geosounder
Type:	Survey Vessel
Owner:	DOF Subsea Pte Ltd
Class:	DNV 1A1, ICE C
Flag:	Singapore
Year of Build:	1972
Converted	1987, 1990, 1996

PROJECT CAPABILITY

ROV	Comanche ROV
DP System	1 Robertson SDP 600
Positioning References	1 Robertson navigation computer 1 HiPap 1 HPR 310 1 DGPS Reference
Main Crane	2.2 t at 10 m
Clear Work Deck Area	227 m ²
Accommodation	36 persons
Project Accommodation	Mission Planning Area Project Office Online Survey Room Offline Survey Room ROV Control Room Day Rooms Mess and Gym

TECHNICAL SUMMARY

MAIN DIMENSIONS

Length overall	59.5 m
Length between P.P.	54 m
Beam	10.2 m
Maximum Draught	4.1 m

PERFORMANCE

Speed	11 knots
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CAPACITIES

Fuel oil	141.6 t
Fresh water	102.5
Gross Tonnage	1035 t
Deck Capacity	180 t
Deck Strength	4 t/m ²
Deck Material	Steel

PROPULSION AND GENERATION

Main Engines	1 x 920 kW
Main Generator	1 x 1150 kW
Auxiliary Generator	1 x 350 kW
Stern Tunnel CPP Thruster	1 x 450 kW
Bow Tunnel CPP Thruster	1 x 600 kW

CRANES

Stromme Crane	1x NK 30 LE2 2t/10m
Helia Crane	1x HML 18-2s 18t/m
A Frame Aft	1x 8t SWL @ 6 m
A Frame Midship	1x 15t SWL @ 9 m
Karmoy Winch	1x 1,950m / 26mm

DECK EQUIPMENT

Capstans	1
Anchor Winches	1
Deck Power Supply	600 A 440V

ACCOMMODATION

36 person	10 x 1 man cabin
	14 x 2 man cabin

LIFEBOATS

Life rafts	3 x 16 man
	1 x 25 man
	2 x 20 man
Fast rescue craft	1 x 6.0 m
Westdavit PL 2000	1

NAVIGATION & INSTRUMENTATION

ARPA Radar	1x FR 2130S
Decca Colour Radar	1x BT 501
Electronic Map System	1x C – Map
Gyrocompass	1x Mk 27
Gyrostar Gyrocompass	1
Robertson Auto Pilot	1x AP 9 Mk 2
Navtex	1x NCR – 300A
Echo Sounder	1x ELAC LA2 50
GPS	2
DGPS	1

COMMUNICATIONS

Compliance	GMDSS- A3
Satellite - Seatel	1 x V Sat
GSM Mobile Phone	2
Inmarsat B	1
Inmarsat F -77	1
Data Network	All areas

ROV SYSTEM

Quantity	1
Type	Comanche
Depth	3000 m
Launch System	Odim LARS

FOR FURTHER INFORMATION

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