



DATA SHEET

OCEAN SURVEYOR

OVERVIEW

Ocean Surveyor is a Taiwan registered, FRP hull with a outboard engine vessel. She has been used mainly for shallow water geophysical survey with the advantage of her very shallow draft of less than 1m.

KEY CAP ABILITIES

Year built	2013		
Flag	Taiwan		
Hull material	FRP		
Passengers	3	Crew	1

DIMENSIONS

Length overall	6.2 m		
Beam	1.9 m		
Draft	0.42 m		

MACHINERY

Main engines	Mercury 125P		
Propulsion	1x Fixed propeller		

PERFORMANCE DATA

Max speed	20 kn	Max deck cargo	0.3 t
Service speed	10 kn	Deck area	6m ²
Total fuel use/ service speed	10 l / h		

TANK CAPACITIES

Fuel	100 l	Fresh water	375 l
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SURVEY / NAVIGATION / COMMUNICATION EQUIPMENT

Positioning system	Applanix POSMV Surmaster + Hemisphere VS330
Motion	Applanix POSMV Surmaster
Singlebeam echosounder	Teledyne ODOM Hydrotrac
Multibeam echosounder	R2Sonic SONIC 2024
ROV	1 set
SV probe	AML SVP
Sidescan sonar	Kongsberg Pulsar 550 kHz - 1000 kHz
Sub-bottom profiler	Edgetech 3100P with SB-2165
Magnetometer	Geometrics G882
VHF	IC-M342
Statellite Phone	Thuraya XT-LITE
AIS	1 set
Search light	1 set
Power	DC 12V 100W battery *4, AC 110V UPS, Back up AC

SAFETY EQUIPMENT

Life raft	1 set for 8 people
Life jackets	4 sets
EPRIB	1x Mc Murdo
Fire Extinguisher	20kg Dry powder fire extinguisher

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