



DATA SHEET

OCEAN SURVEYOR 7

OVERVIEW

Ocean Surveyor 7 is our latest edition of our fleet. 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	2019		
Flag	Taiwan		
Hull material	FRP		
Passengers	6	Crew	2

DIMENSIONS

Length overall	8.5 m
Beam	2.55 m
Draft	0.74 m

MACHINERY

Main engines	Murcury 200P*2 (outboard engine)
Propulsion	1x Fixed propeller

TANK CAPACITY

Fuel	420 l	Fresh water	300 l
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PERFORMANCE DATA

Max speed	40 kn	Max deck cargo	1.5 t
Service speed	15 kn	Deck area	8.7 m ²
Total fuel use/ service speed	15 l / h		

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 / 2026
ROV	1 set
SV probe	AML SVP
Sidescan sonar	Kongsberg Pulsar 550 kHz - 1000 kHz
Sub-bottom profiler	Edgetech 3100P with SB-216S
Magnetometer	Geometrics G882
VHF	ICM-324
DSB Radio	WTR-388
Statellite Phone	Thuraya XT-LITE
AIS	1 set
Chart Plotter	1 set
Deck	Winch, Working light, Search light
Power	DC 12V 100W battery *4, AC 110V UPS, Back up AC

SAFETY EQUIPMENT

Lift raft	for 8 people
Life jackets	8 sets
AED	1 set
EPRIB	MT403FF - e999J
Fire extinguisher	20kg Dry powder fire extinguisher

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