

M/V PACIFIC FINDER

68m Multipurpose Seismic Survey Vessel



SPECIFICATIONS AT A GLANCE

- 68m (loa), 60.60m (bp), max. draft 5.25m – 5.6m
- 49-person accommodations
- Fitness training area
- Conference room
- Instrument room
- Fuel capacity 780m³
- Helicopter deck

Vessel Flag and Class

Vessel Type	Seismic Research Vessel
Vessel Name	M/V Pacific Finder
Flag	Singapore
Year Built	2011
Class	ABS *A1, Ice Class D0, Circle E, *AMS, *ACCU

Particulars are believed to be correct but are not guaranteed.

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Vessel Main Details

Length, overall	68.00m
Length, BP	60.60m
Breadth, moulded	17.40m
Draft	5.25m – 5.6m
Depth, main deck	6.10m
Max. draft midship	5.26m
GT	3434 tons
NT	1030 tons
Deadweight	220 tons @ mean draft of 5.06m

Capacities and Capabilities

Fuel capacity	780m ³
Speed	5,094 – 7,732 BHP
Potable water	400m ³
Ballast water	
Potable water production	2 x 12 mt / day capacity reverse osmosis water maker

Machinery

Main engines	2 x 2,880 kW = 5,760 kW (7.721 BHP) @ 900 rpm Bergen C25:33 L9P CD
Propulsion	2 x 4 blade CPP in Kort nozzle
Bow thrusters	1 x 600 kW (804 BHP) Tunnel TT1650
Shaft generators	2 x 1200 kW AEM, 440V, 3-phase, 60 Hz
Auxiliary generators	2 x 910 kW Caterpillar 3508B, 440V, 3-phase, 60 H

Deck Equipment

Capstans	2 x McGregor vertical, PC-HVC-10/450 10 tons
Windlass	M6-HAW/GG-40U3 6.2 tons @ 10m / min (McGregor combined windlass)

Seismic Equipment/Systems

2 x LMF 62s / 138-207-E60 electric drive 62m ³ / min @ 207 bar seismic compressor
2 x ODIM main streamer winches with spooling
2 x ODIM streamer storage winches
3 x ODIM double gun winches
2 x ODIM wide tow winches with swivel blocks
2 x ODIM lead-in winches with spooling
2 x tension wire winches
2 x ODIM spread rope winches
4 x ODIM telescopic Barovane support beams
4 x ODIM towing points
9 x ODIM 5-ton auxiliary winches / swivel blocks
2 x ODIM 2.8-ton auxiliary winches / swivel blocks
1 x 26ft Norpower seismic workboat with Hydromar davit
1 x ROTEC seismic HPU

Electronics

Main radar	Furuno FAR-2137S S-band Radar Furuno FAR-2117 X-band Radar
Auto-Pilot	Tokimec PR-6000

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Electronics (cont.)

Gyro compass	Tokimec TG-8000
Magnetic compass	Lilley & Gillie MK2000
Echo sounder	Furuno FE-700
DGPS	Furuno GP-150 GPS
Anemometer	Gill WindSonic
Speed log	Furuno DS-80
Communications	
- GMDSS (Global Maritime and Safety System)	Furuno RC-1800TRC-1800F-L
- SSB	Furuno FS-2570
- VSAT	Marlink
- SAT C	Felcom 15
- Sat C SSAS	Felcom 15 SSAS
- Navtex	Furuno NX-700A
- Weather fax	Furuno FA-150
- Satellite communication	Inmarsat Fleet 77
- AIS	Furuno FA-150
- VDR	Furuno VR-3000
- VHF	Furuno FM-8800D
- Electronic chart display	Furuno FEA-2107

Standby Rescue Equipment

Fast rescue craft	1 x Maritime Partner MP-741 springer FRC with TTS HL9D MOB 3500 davit
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Accommodation and Offices

Number of berths	32
Number of single berths	15
Number of 2 berths	17
Lounge	with flat screen cinema system
Gymnasium	Dedicated, equipped gymnasium
Internet cafe	
Client meeting room	complete with projector system
Instrument room	146m ² with server and UPS room
Gun shack	
Seismic Lab / workshop	

Environmental Features

Coffin 5 ppm oily water separator MEPC 107(49) compliant
DVZ sewage treatment plant MEPC 159(55) compliant
Garbage compactor (for non-food waste)
Galley waste macerator
Inventory of hazardous material according to HK Convention Green Passport

Miscellaneous

Helideck D-valve 22.2m, 12.8 tons MTOW, fitted with folding sides. CAP 437 compliant with Kongsberg HMS 100 and Radio Holland NDB

Maximum tank loading capacity of 95% for fuel oil, lubricant oil, fresh water and hydraulic oil tanks at a cargo deadweight of 220 tons, occurs at a mean draft of 5.06m