



Survey Vessel FATHOM

The Fathom is part of a fleet of Hydrographic Standard Survey Vessels (HSVs) managed by New Zealand Diving to help provide clients with a low carbon footprint vessel across energy, infrastructure and telecoms with the critical survey knowledge to de-risk their marine projects. As we head into the energy transition, the geo-data delivered from these vessels continue to assist industry in creating a sustainable future for all.

The Fathom is able to carry out the full range of site and route survey tasks necessary to optimise the design, engineering and placement of offshore wind farms, cables, pipelines, platforms and other structures. The Fathom is equipped with a comprehensive suite of geophysical and hydrographic survey equipment as standard, while a full range of options is available to support various environmental and geotechnical work scopes. The vessel provides a safe and stable platform for the collection of market leading geo-data, even in the most exposed locations.

In addition to the standard configuration, specialised equipment and personnel can be quickly mobilised to support New Zealand Diving & Salvage's innovative techniques and applications. The Fathom can be seamlessly integrated with our autonomous and remote operations, reducing carbon footprint, increasing project safety, and advancing project delivery schedules. Our commitment to continue advanced development of sustainable services for client projects enables the New Zealand Diving & Salvage Venturer to deploy best-in-class solutions to even the most complex challenges.

BENEFITS

- Reduced carbon footprint – efficient operations and innovative solutions
- Reduced project risk – stable platform for safe and remote operations
- Reduced project cost – advanced techniques for de-risking
- Advanced project schedule – optimal use of weather windows for fieldwork



MV Fathom

Technical Specifications

General

Name	MV Fathom
Owner	New Zealand Diving & Salvage
Built	2008 – Kingfisher Custom 705
Port/flag	New Zealand
MNZ#	133486
Call sign	ZMX 4551

Dimensions

Length overall	6.67 m
Beam	2.46 m
Draught	0.5 m
Tonnage	GT 2.2

Deck Machinery

Davit	Removal Capstan; 100kg SWL
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Operational Limits

Limits	New Zealand Inshore (12 nm) Restricted Coastal Taranaki (30nm)
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Machinery

Propulsion	2 x 115hp Yamaha 4 Stroke Outboard
Cruising speed	4 kn
Maximum speed	22 kn

Control and Navigation

Personnel	6 P.O.B
Fuel Capacity	350 Litre

Fugro Survey Equipment

DGNSS positioning
Acoustic positioning
Motion reference unit
Magnetometer
Multibeam Echosounder
Sound velocity probe
Side scan sonar



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