

MARSDEN

Vessel Data Sheet

1. General Information				
Vessel Name Marsden	MSA Number 100 352	MSA Class Passenger and Non-Passenger	Official Number 317 185	Port of Registry Whangarei
Owner North Tugz Ltd	Builder Mason Bros Ltd Auckland		Date of Build 1963	
Gross Tonnage 20.95	Register Tonnage 10.65	Register Length 12.93 m	Displacement Max 39 tonne	
Overall Length 13.75 m	Breadth (moulded) 4.61 m	Depth (moulded) 1.9 m	Operational Draft 1.65 m	
N°./Type of Engines 2 x Gardner 8LXB engines 153 hp (114 kW) @ 1300 rpm		Total Engine Power 306 hp (230 kW)	Propulsion 2 x Twin Disc MG 509 Gearboxes 2 x 4 blade propellers	
External Fire Fighting Capability NA			N°./Output of Generators 2 x Main engine driven 24 volt alternators	
Free Running Fuel Con 40 L/h @ 9 knots	Total Crew 2	N°. Berths 2	N°. of Passengers 5	
Radios 2 x VHF	Call Sign ZMR 5997	N°. Liferafts NA		
N°./Capacity of Fresh Water Total of 160 Litres		N°./Capacity of Fuel Tanks P&S wing 2,250 L each Total of 4,500 Litres		

2. Operating Criteria & Parameters	
Vessel Type & Use	Twin Propeller, Workboat
Operating Limits	Northland, Auckland, Barrier Inshore Waters and all Enclosed Waters within those limits.
Normal Operating Area	Whangarei Harbour
Max LSA provided for	7 Persons
Max fwd winch pull	NA
Length and breaking strain fwd tow line	NA
Maximum Bollard Pull	3.3 tonne
Maximum speed	9.2 knots

3. Minimum Crew Qualifications	
Master	ILM
Deckhand	No certificate or qualification required