

DALDY

Vessel Data Sheet

1. General Information				
Vessel Name Daldy	MNZ Number 100 111	MNZ Class Non Passenger	Official Number 349 298	Home Port Auckland
LR Number NA	IMO Number NA			
Owner North Tugz Ltd	Builder WECO (Whangarei Engineering Co)		Date of Build 1977	
Gross Tonnage 226.21 t	Net Tonnage 69.85 t	Length (tonnage)		Displacement Max 350.1 t Full 277.5 t Light
Overall Length 29.15 m	Breadth Moulded 8.54 m	Depth Moulded 3.58 m		Operational Draft 4.17 m
N°./Type of Engines 2 x Caterpillar D399 Series B 1,020 bhp (760.92 kW) @ 1,225 rpm each		Total Engine Power 2,040 bhp (1,522 kW)		Propulsion 2 x Voith Schnieder 24G II / 165 Propellers. Each 5 bladed.
External Fire Fighting Capability Nil		N°./Output of Generators 2 x Caterpillar 3304 each 75 bhp (56 kW) @ 1,500 rpm Stamford MC 30B Brushless alternator. 62.5 kVA 400 V 3 phase		
Free Running Fuel Con Economical Speed-Setting 8 – 330 L/hr –Range 1,405 Nm Full Speed – Setting 10 – 508 L/hr – Range 1,100 Nm		Total Crew 3	N°. Berths 7	N°. of Passengers Nil
Towing Fuel Con Setting 8 – 380 L/hr – Approx 6 knots in fair weather				
Radios 2 x VHF	Call Sign ZMZ 7645	MMSI Number 512 000 545		N°. Liferafts 1 x 6 man
N°./Capacity of Fresh Water 2 x Fwd DB of 5,150 L each Total of 10,300 Litres		N°./Capacity of Fuel Tanks Aft DB P&S 11,450 L each Aft Peak 26,820 L Service Header Tank 2,400 L Total of 52,120 Litres with aft peak. - 25,300 Litres without aft peak.		
N°./Capacity of Other Tanks Fore Peak - 1 x 20,200 L Sump Tank - 1 x DB of 3,940 L Clean Engine Oil - 2 x 1,000 L Foam Tank - 1 x 3.7 tonne				

2. Operating Criteria & Parameters	
Vessel Type & Use	Twin Voith Propeller, Harbour Tug
Operating Limits	Northland, Auckland, Barrier, Bay of Plenty and Lyttleton Inshore Waters and all Enclosed Waters within those limits.
Normal Operating Area	Whangarei Harbour
Max LSA provided for	16 Persons
Aft winch pull	Max brake hold 60 tonne
Length and Minimum strength tow line	Main line – 130 m of 52 mm dia Amsteel Blue 173 tonne BS Grommet/Pennant - 15m of 2" dia Amsteel Blue. 173 tonne BS
Maximum Bollard Pull	24.12 tonne ahead.
Maximum speed	12.05 knots Ahead
Maximum Deck Load	

3. Minimum Crew Qualifications	
Master	SRL <500 GT
Engineer	Inshore and Enclosed Areas – MEC 5
Deckhand	No Qualification