

KEMP

Vessel Data Sheet

1. General Information				
Vessel Name Kemp	MSA Number 101 993	MSA Class Passenger and Non-Passenger	Official Number 875 934	Port of Registry Whangarei
Owner North Tugz Ltd	Builder Northland Port Corporation		Date of Build 1992	
Gross Tonnage 67	Register Tonnage 50	Register Length 15.32 m	Displacement Max 77.5 tonne	
Overall Length 16.54 m	Breadth (moulded) 5.79 m	Depth (moulded) 2.74 m	Operational Draft 2.52 m	
N°./Type of Engines 2 x Caterpillar 3412 499 hp (372 kW) @ 1800 rpm		Total Engine Power 998 hp (744 kW)	Propulsion 2 x Twin Disc MG 518-1 Gearboxes. 2 x 4 blade propellers in Kort nozzles with 2 rudders per nozzle	
External Fire Fighting Capability NA			N°./Output of Generators 2 x Main engine driven 24 volt 60 amp	
Free Running Fuel Con 85 L/h @ 10 knots	Total Crew 2	N°. Berths 3	N°. of Passengers 6	
Radios 2 x VHF	Call Sign ZMAD	N°. Liferrafts 1 x 6 man		
N°./Capacity of Fresh Water FW tank 500 L Total of 500 Litres		N°./Capacity of Fuel Tanks Fwd double bottom centre 7,230 L Aft centre 3,325 L Aft wing P&S 4,215 L each Total of 18,985 Litres		

2. Operating Criteria & Parameters	
Vessel Type & Use	Twin Propeller, ship assist tug, workboat.
Operating Limits	Northland, Auckland, Barrier Inshore Waters and all Enclosed Waters within those limits. Restricted to within 12 NM of the shore from Cape Runaway to Whakatane.
Normal Operating Area	Whangarei Harbour
Max LSA provided for	8 Persons
Max winch pull / hold	Fwd - Pull 4 tonne @ 18 m/min. Hold 25 tonne (both mid drum) Aft - Pull 7 tonne @ 18 m/min. Hold 30 tonne (both mid drum)
Length and minimum strength fwd and aft tow lines	Fwd - 100m 50mm dia rope. (41 tonne) Aft - 200m 50mm dia rope. (41 tonne)
Maximum Bollard Pull	14 tonnes ahead. 9.5 tonnes astern
Maximum speed	10.2 knots

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