



## MEK 1- TECHNICAL SPECIFICATION

### Principal Particulars

Type of vessel:	Aluminium Self Propelled Crane Barge
Call Sign:	VNW 4574
Built:	2000
Builder:	Motor Yacht Engineering
Port of Registry:	Fremantle WA
M & H No.:	MH 3655
Survey Class:	2B
Berth:	6

### Dimensions

Length:	13.65m
Beam:	3.6m
Draft:	0.3m

### Capacity

Gross Tonnage:	7 Tonnes
Clear Deck:	32m <sup>2</sup>
Fuel:	2200L
Cargo:	4 Tonnes
Deck Space:	23m <sup>2</sup> fwd of Crane (fits 20' ISO container, 9m <sup>2</sup> aft of Crane
Deck Loading:	0.75 T/m <sup>2</sup>

### Performance

Speed (Cruising):	10 knots
Speed (Maximum):	Over 14 knots
Fuel Use:	40Lts / hr @ maximum speed

### Navigation & Communications

GPS:	Garmin (DGPS compatible)
Sounder:	JRC FF30
VHF:	GME 548

### Machinery & Equipment

HIAB Marine Series 61:	2 Tonne @ 2m, 500kg @ 6.8m
Reach:	6.8m
Winch:	750kg (13mm wire)
Main Engine:	1 x 41DP 200 hp Volvo Penta turbo charged engine
Genset:	Onan 7KVA (single phase)
Hydraulic System:	Clutched PTO
Capstans:	2 x 750kg hydraulic Capstans amidships
Water Pump:	2½" Jabsco (clutched PTO)

New 5T hydraulic deck winch, New bow roller, A Frame can be fitted for anchor handling. Additional features include large air conditioned wheel house, duo prop for Superior Manoeuvrability, below deck storage, 1500 Watt deck lighting fwd and aft, road transportable. This vessel is asbestos free and can be fitted with a four point mooring system. Used successfully on John Brooks Project Varanus Island for shallow water anchor handling of 1.5Ton Anchors.

