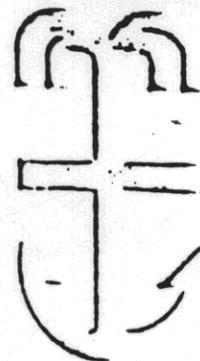


450392
**AUSTRALIAN
 OFFSHORE
 SERVICES**



**6000 BHP ANCHOR HANDLING
 TUG SUPPLY VESSEL**

m.v. LADY KIRRY

CALL SIGN:

VJOD

BUILT:

1954, Hudong Shipyard, Shanghai

CLASSIFICATION:

Lloyds + 100A1 Anchor handling Tug/Supply + LMC UMS

FLAG:

Australian

DIMENSIONS:

Length o.e.	60.85 m
Beam, moulded	13.00 m
Depth, moulded	6.20 m
Full load draft	5.05 m
G.R.T. 1252	N.R.T. 375

MACHINERY:

Main Engines 4 x 1500 BHP M.A.N. 12V 20/27 diesel engines, total 6000 BHP, 2 x CP propellers in fixed nozzles.

Bow Thruster Jastrum EU-80V CP transverse tunnel thruster: 556 HP 6.6 tonnes thrust.

Electrical Generators 2 x Van Keick 245KW 440V 60Hz 3-phase driven off main engine gearboxes. 2 x Van Keick 245KW 440V 60Hz 3-phase driven by 2 x M.A.N. 5L 20/27 555 BHP auxiliary engines.

SPEED AND CONSUMPTION:

Economical supply rate (2 engines)	about 11.5 knots on about 8 tonnes/day.
Service speed (2 engines)	about 12.3 knots on about 10.4 tonnes/day.
Full power loaded condition of towing (4 engines)	about 14 knots on about 19 tonnes/day.

TOWING AND ANCHOR HANDLING:

Bollard Pull Winch 78 tonnes at M.C.R. Norwinch low pressure hydraulic double drum waterfall winch rated at 250 tonnes static load and 180 tonnes at 6.5m/min line pull.

Drum Capacity Tow Drum Ø50m x 57m steel wire rope. Working Drum Ø50m x 57m steel wire rope.

Rip Chain lifters Two non declutchable for 64mm and 82mm inch rip chain cable.

Towing Bollards/Guides Two hydraulic vertical rope guide pins 1.4m high and 24 tonnes static side force remotely controlled from bridge.

Stern Roller 4.65 metres x 1.63 metres diameter with 180 tonnes SWL.

Powered Reel One hydraulic storage reel fitted above tow winch capacity Ø50m x 57m diameter wire.

Chain Lockers 2 rip chain lockers with capacity 60cu metres.

CAPACITIES:

Deck cargo	about 500 tonnes
Clear deck space	30.6m x 10.0m
Deck loading	5 tonnes/m ²
Total DWT	1172 tonnes
Fuel oil	about 442 tonnes
Drill/ballast water	about 519 tonnes
Potable water	about 227 tonnes
Cement/bulk materials	4 Smetco low pressure tanks totalling 170cu. metres
Refrigerated storage	about 12cu metres cooler about 8.5cu metres freezer

PUMPING:

Fuel oil	100cu metres/hour at 65m head
For Water/Drill Water	80 cu metres/hour at 65m head
Bulk materials	Two Tanabe VLH2114 compressors rated at 13.7cu metres/min. Remote control system from deck and Bridge. Refrigerated air dryer.

Computerised measuring system with printouts for liquid cargo.

EXTERNAL FIREFIGHTING

Two remotely controlled fire monitors situated atop bridge each capacity 10000 litres/min with throw at 167 metres.

ANCHORS AND MOORING:

Anchors	2 x Danforth stockless high holding
Cables	2 x 450m x 32mm U2 grade steel cab
Tugger Winch	2 x Norwinch LV-10 low pressure hydraulic 10 tonne S.W.L. with drum capacity 300m x 34mm wire equipped remote control
Capstans	2 x Norwinch C-9 low pressure hydraulic 10 tonne S.W.L. at after end work deck

ACCOMMODATION:

Crew	9 x 1 berth
Contractor	2 x 1 berth
Passengers	2 x 6 berth

Fully airconditioned

ELECTRONICS:

Satellite Navigator	Furuno FSN-70
Radars	2 x Furuno FR 1011/2
Echo Sounder	Furuno FE 502
Auto Pilot	Tokyo Keiki connected to Gyro and Magnetic Compasses
Gyro Compass	Tokyo Keiki ES-11A
Doppler Speed Log	Furuno MF-220
Radio main	Sailor R 1120 11127 400 watt
standby	Sailor R 110 T 124 140 watt
VHF	Sailor RT145
RFI	Furuno FD-120B

LIFESAVING EQUIPMENT:

40HP 5 man inflatable rescue boat. Statutory liferafts, life buoy jackets and flares.

MISCELLANEOUS:

1.5 tonne SWL crane with 6.7m outreach, fitted on starboard & port deck. Oil dispensing system fitted. Spark arrestor fitted to engine silencers. Double hull throughout in compliance IMO Resolution A469.