



TOM WELSBY - TECHNICAL SPECIFICATION

Principal Particulars

Type of vessel	Bow Door Landing Craft/ Utility Vessel
Length	19.83m
Beam	7.31m
Draft Ldn	1.2m
Class/Flag	Australian Department of Transport
Rating/Survey	USL 2C, 2B
Builder	Hornibrook, Brisbane
Deck Cargo	50 T
Last Shaft Survey/ Hull Survey	August 2009
Nett Reg. Tonnage	45.99
Loaded displacement	119.47 Tonnes
Lightship displacement	60.77 Tonnes
Gross Tonnage	54.06 British
Official No.	317217
Draft loaded	1.2m approx.
M & H No.	5098

Machinery and Equipment

Main Engine/s	2 x Detroit 6V 71
HP	2 x 135
Cylinders	6V
Aspiration	Non turbo
Service Speed	8 Kts
Fuel Use Approx.	140 Lt Hr Maximum
Gearbox	2 x Twin Disc MG 509
Ratio	3.83:1
Steering	Hydraulic rudders
Propeller/s	Fixed Pitch 36" in nozzles / 3' shafts
Auxiliary	353 GM – 50 KVA
Perkins	30 KVA, Deck genset 60KVA silenced
Winches	Bow Door windlass/ 5T Stern-deck winch 3 point mooring system installed on request Fassi F190A.25 Crane 8.65 Kg at 2m/8.25Kg at 14.35m

Capacities

Fuel Cap.	15 000 L
Water Cap.	4 000 L Domestic, 20 000 L Cargo
Pumps	M/E driven fire/bilge/ballast Electric fire/water/ballast/ Diesel deck set Fire/Water/ballast
Deck Cap.	50 T Clear deck 15.0 x 7.0 m, 2000 Lt Sullage Tank
Additional Cap	Bow door 3.6m wide





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Accommodation

- 1 x 2 Berth Cabin Air-conditioned with TV and DVD
- 1 x 4 Berth Cabin Air-conditioned with TV and DVD
- 1 x Toilet/Shower/ Change room
- 1 x fully equipped Air-conditioned galley
- 1 x washing machine and dryer
- * 4 Berth Cabin can be utilised as an office/ survey room or storage. Etc

Wheelhouse - New Aluminium 2009

- 1 x 36 NM Radome Radar
- 1 x Furuno GP-32 GPS
- 1 x GD-192 DC 10.4" Colour LCD Plotter
- 1 x VLH-300 Loud Hailer
- 2 x 5C630 Loud Hailer Horn Speakers
- 1 x CVS-833 8" LCD colour echo sounder 1 KW
- 1 x TD50 1 KW 50/200Khz transducer
- 1 x C Plotmax, C Plot Program and C Max
- 1 x Toshiba Notebook computer
- 1 x CTS Autopilot Magnetic compass
- 1 x 6" Daiko compass
- 1 x 7" colour monitor c/w 4 x cameras located stern/engine room and deck
- 1 x ICOM IC-M710 HF Radio
- 1 x Sony AM/FM CD/ MP3 Player
- 1 Search light mounted on wheelhouse
- 1 x Satelite Phone +87 0773 200 217
- 1 x Mobile Phone 0409 736 544
- Email: vessel.tomwelsby@gmail.com
- 1 x AIS Transmitter

Safety Equipment

- 10 Man RFD Life raft
- 16 Solas Lifejackets
- 406 Epirb
- Rescue Zone with 2 Ton A Frame mounted portside
- Oil Spill Equipment
- Watch Alarm in Wheelhouse

Vessel has just completed extensive refit in August 2009. Inclusive of full surveys, new wheelhouse and electronics, overhaul of main engines, gensets and electrics. A new bow door/ deck crane has been fitted plus a complete sandblast and paint system.

Tom Welsby has stability supplements for:

- Fassi Crane 190A.25
- Grove RT-522 Rough Terrain Crane 20 T
- Caldive Deck Crane used for dive operations, drilling, rock bolting. Used in John Brooks Project, Dampier Port Authority, Shark Bay Salt, Koolan Island Project and Cape Lambert
- 5 Ton Rock Tipper used second trunkline Van Oord ACZ/Woodside

Tom Welsby is used extensively for assembly and disassembly, testing and cleaning of offshore floating hoses import and export eliminating the need to beach or slip.

