



SPECIFICATION

Main Particulars:

Length O.A.	: 68.00 m
Breadth moulded	: 18.00 m
Depth moulded	: 4.50 m
Operation Draft	: 2.50 m
Summer Draft	: 3.0 m
Complement	: 30 men
Deck Area	: 700 m2
Deadweight @ 3m	: 1650 tonnes

Performance:

Speed	: 10 knots
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Classification:

BV 1+ Hull + Mach, Special Service-Landing Craft of oil product with flash point >60 deg. C, equip with carriage of containers, In-water Survey

Volume Capacities:

Ship's F.O.	: 200 m3 approx.
Ship's F.W.	: 240 m3 approx.
Cargo F.O.	: 850 m3 approx.
Cargo F.W.	: 380 m3 approx.

Landing Deck Particulars:

Deck Strength	: 7.5 t per m2
Ramp Design SWL	: 108 Tonnes with 4 securing pins

Containers (TEU)

Pad eyes and D-ring installed.
Total: 100 TEU (15T Homo. container)
Crash Rails (P&S) Side

Deck Machinery:

Windlass	: 2 x Electro-hydraulic, single gypsy and Warping head, 8T@10m/min
Ramp Winches	: 2 x Electro-hydraulic, 8T@10m/min
Aft Winch	: 1 x Electro-hydraulic with twin wrapping head, 8T@10m/min

Main Machinery:

Main engines	: 2 x YANMAR 6AYM-WET 555Kw x 1840 rpm,
Gearbox	: Dong-I Gearbox Ratio 4.07:1
Generators	: 3 x YANMAR 4HAL2-TN1, 80eKw x 1500 rpm, 415/3/50,
Bow Thruster	: 1 x 5 Tonnes Thrust, Diesel Engine Driven,
Bow Thruster Engine	: 1 x Cummins 373kW
Dead ship Alternator	: Diesel Engine Driven, 5.5KVA, 230V, 1ph/ 50Hz.
Rescue Boat & Davit	: SOLAS approved, 6 person carrying capacity rescue boat c/w outboard diesel engine+ davit
Fuel Oil Cargo Pump	: 2 x 100m3 @ 60m head
Freshwater Cargo Pump	: 1 x 100m3 @ 60 m head
Reefer Genset	: 1 x Cummins 320eKw

Communication & Navigation Equipment:

Gyro Compass	: 1 x Anschutz Standard 22NX
Auto Pilot	: 1 x Anschutz Pilot Star NX
Radar No.1	: 1 x Furuno FAR 2018-MARK 2
Radar No.2	: 1 x Furuno FR-12
Echo Sounder	: 1 x Furuno FE-800
Magnetic Compass	: 1 x Lilley and Gillie MK2020S
Speed Log	: 1 x Furuno DS-85
MF/ HF Radio	: 1 x Furuno FS-2575
Inmarsat C	: 2 x Furuno Felcom 18
VHF/FM Radio	: 2 x Furuno FM-8900S
Navtex	: 1 x Furuno NX-900
EPIRB	: 1 x Mcmurdo Tron 60AIS
SART	: 2 x Mcmurdo S5A
AIS	: 1 x Furuno FA-170
GPS	: 1 x Furuno GP-170
BNWAS	: 1 x Ninglu BW-508
Anemometer	: 1 x Ninglu AM-706
Walkie Talkie	: 3 x Mcmurdo R5 (Intrinsically safe type)
ECDIS	: 1 x NES-3000
Satellite TV	: 4 outlets- S81
VDR	: 1 x HLD-SVDR600

Miscellaneous:

Smoke detectors	: 1 shipset for all crew cabins
SCBA unit	: 1 shipset
Reefer Sockets	: 16 units, 16Kw each
CCTV system	: 5 ext. Ex-proof cam +1 in WH
Potable Gas Detection System:	7 Ext. HC/H2S detectors
Eye Wash Station and body shower:	1 shipset