



TUG LIMIN KST 54



PUSHER HARBOUR TUG

Principal Particulars

Flag	Indonesia
POR	Batam
YOB	2011
IMO No	9501447
Call Sign	PLIQ
Builder	Keppel Nantong Shipyard Co. Ltd
Length OA	32.00 m
Breadth Moulded	11.50 m
Depth Moulded	5.20 m
Draft Design	Not more than 5.50 m
Gross Tonnage	469 MT
Net Tonnage	140 MT
Bollard Pull	70 T
Max speed	12 knots
Classification	ABS A1, (Fire Fighting Capability), AMS

Machinery

Main Engine	2 x 2500 BHP Niigata 6L28HX at 750 rpm
Auxiliary Generator	Diesel driven generator, 3 x 120 kW 3 phase 4 wire system, 415 Volts A.C
Propulsion	2 x Niigata ZP-41, fixed pitch propeller with steerable Azimuth thrusters

Deck and Towing / AH Equipment

Anchor Windlass	Electro-hydraulic driven Brake holding capacity : 150 T
Aft Towing Winch	Electro-hydraulic driven Brake holding capacity : 180 T

Navigation Equipments

SSB Radio, Radar, Satellite Compass, Auto Pilot, Echo Sounder, VHF, GPS, Magnetic Compass, Draft Design, Navtex Receiver, AIS, GMDSS (area A3), SSAS, Inmarsat mini-m, SART & EPIRB, Weather Fax

Tank Capacities

Fuel Oil	160 m3
Fresh Water	50 m3
Foam	7 m3
Dispersant	3 m3

Emergency Responses and Fire Fighting Capabilities

FIFI pump	1,400 m3/hr at 140 m head
FIFI monitor	2 x 600 m3/hr Throw length : 100 m Throw height : 45 m

One set of foam proportional system
Self drenching system in main deck, deck house, and wheel house
Fixed CO2 system

Other

CCTV for aft towing winch & engine room

Accommodation

Total	12 pax
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