

PT. Pelayaran Ekanuri Indra Pratama

SHIP PARTICULARS "KT. HANG TUAH V"



Vessel Name	KT HANG TUAH V
Flag	INDONESIA
Port of Registry	BATAM
Class Register	Lloyd's Register (LR), ⚓ 100A1 TUG (hull), ⚓ LMC (machinery)
Call Sign	YCUQ2
IMO	9833072
Type of Vessel	HARBOUR TUG
Deadweight / GT/NT	231.716 T/419/120.77
Builder	PT. CITRA SHIPYARD BATAM
Hull No	TB-099
Owner	I
Year Build	2018

Principal Dimension	
Length L O A	30 Meter
Length between PP	29.238 Meter
Beam (Moulded)	11.6 Meter
Depth moulded	5.1 Meter
Draft, summer (max)	3.8 Meter

Deck Machinery	
Anchor	2 X 495KG AC-14 HHP
Anchor Line	230m x Dia. 22mm SWR @ 8 Layer Plus 15m x 22 mm dia. U2 Grade Chain
Towing Winch	MG-HTW1-708U00680x2 (AFT) MG-HTW1-0112U00680x2 (FWD)
Anchor Mooring Winch	MG-HTW1-202U02322
Towing Hook	MG-PTH-4055
Bollard Pull	42 Ton

Tank Capacity	
FO Capacity (100%)	95.50 m ³
LO Capacity (100%)	3.72 m ³
FW Capacity	45.73 m ³
Foam Tank	4.79 m ³
Dispersant Tank	4.79 m ³

Propulsion and Power Systems	
Main Engine	NIIGATA, 6L26HX
Output ME HP (2 Units)	1800 HP/Unit
Aux Engines (2 Units)	Caterpillar C 7.1
Aux. kW	118 eKW/Unit
Harbour Engines (1 Unit)	Caterpillar C 4.4
Harbour kW	51.5 eKW/Unit
Propulsion	Niigata ZP-21
Speed	12 Knots

Ship's Plate	
Keel Plate	14MM
Bottom Plate	10MM
Side Shell Plate	10MM
Bulkhead Plate	9MM
Main Deck Plate	6MM
Tank Top Plate	9MM

Machinery Equipment	
Bilge/Fire/GS	3 x Naniwa, 30 m ³ /h x 40 mH
External FiFi Engine	1 x Cummins QSC8.3 500IDI, 493 BPJ, 368 kW
External FiFi Pump	1 x Jason, 680 m ³ /h x 120 mH
External FiFi Monitor	2 x Jason, 300 m ³ /h (water), 150 m ³ /h (Foam)
FO Transfer Pump	2 x Naniwa, 5 m ³ /h x 3 bar
Sludge Pump	1 x Naniwa, 3 m ³ /h x 3 bar
Sewage Pump	1 x Naniwa, 3 m ³ /h
AC S.W. Cooling Pump	2 x Naniwa, 9 m ³ /h
M/E F.W. Cooling Pump	1 x Naniwa, 50 m ³ /h
M/E S.W. Cooling Pump	1 x Naniwa, 80 m ³ /h
Dispersant Pump	1 x Grundfos, 8.5 m ³ /h
LO Priming Pump	2 x Niigata supply, 41 m ³ /h
OWS	1 x Taiko, 0.25 m ³ /h
FO Purifier	1 x Alva Laval, 1150 lph for distillate
Starting Air Compressor	2 x Tanabe, 22 m ³ /h, 30 bar
Sewage Treatment Plant	1 x Wartsila, cap 1740 ltr/day

Navigation & Communication System	
MF Radio	Sailor, 6310
VHF Radio	Sailor, 6222
Satellite Compas.	Furuno, SC-70
Navtex	Sailor, 6391
Echosounder	Furuno, FE-800
Speed Log	Furuno DS-80
Anemometer	Walker, 2050mK2
SART	Jotron, Tron 20
AIS	Furuno, FA-170
EPIRB	Jotron, Tron 60s
GPS Compass	Furuno, GP-170
BNWAS	Highlander
Chart Radar with ECDIS	Furuno, FAR-3210