

SK PRUDENCE

Anchor Handling Tug Supply Vessel (AHTS)
59.25 M / 5,150 BHP / Min 67 T Bollard Pull / DP2 / FIFI-1

Classification: Class Notation ABS + A, Circle E, "Anchor Handling Towing Vessel", Fire Fighting Vessel Class 1, Offshore Support Vessel, +AMS, DPS-2



PRINCIPLE DIMENSION

Flag	:	Malaysia
Port of Registry	:	Port Kelang
Built	:	2014
Builder	:	Fujian Southeast Shipyard, China
Official Num.	:	335589
I.M.O No	:	9680683
Call Sign	:	9MQZ3
GRT	:	1,679 T
NRT	:	503 T
Length Overall	:	59.25 m
Depth Moulded	:	6.10 m
Length B.P	:	52.20 m
Draft	:	4.95 m

MACHINERIES

Main engine	:	2 x CAT 3516C producing 2,575 BHP each @ 1,600rpm (5,150 BHP in total)
Generators	:	2 x 350 kW, 415/3/50 (Main Generator) 2 x 800 kW, 415/3/50 (Shaft Generator) 2 x 65 kW, 415/3/50 (Emergency Gen)

PROPULSION SYSTEM

Propellers	:	2 x CPP in Kortz Nozzle c/w forged steel shafting & oil bath cool type
seals Thrusters	:	2 x Bow (8 mt) & 1 x Stern (6 mt) Thruster
DP System	:	Marine Technologies DP-2

PERFORMANCE

Max. Speed	:	14.0 knots
Consumption	:	TBA
Bollard Pull	:	67 Tonnes

ACCOMMODATION

4 x 1 man cabin	:	4 men
3 x 2 man cabin	:	6 men
8 x 4 man cabin	:	32 men
Total	:	42 men
c/w fully air conditioned		

TOWING & ANCHOR HANDLING

AHT Winch	:	Plimsoll Hydraulic High Pressure winch of Waterfall Type (Double Drum) Brake Holding 200 Tons Line Pull 150 Tons
Tow Drum Capacity	:	1,000m x 56mm Dia. wire
Work Drum Capacity	:	56mm Dia. Wire
Tow Wire Equipped	:	Yes
Work Wire Equipped	:	Yes
Chain Stopper	:	Available
Shark Jaw / Towing Pins	:	SWL 200 T
Stern Roller	:	4.0 m length x 1.6m Dia with SWL 200 Tons
Tugger Winch	:	2 x 10 Tons @ 10m /min
Capstan	:	2 x 5 Tons @ 15m /min
Deck Crane	:	1 x electro hydraulic telescopic boom with capacity of 3 mt @ 9m

COMMUNICATION & NAVIGATION

Radar	:	Furuno Far -2117 & 2117B
Gyro Compass	:	2 x Anschuetz 22
GPS	:	Furuno GP-150
Echo Sounder	:	Furuno FE-700
Navtex	:	Furuno NX-700-A
Auto Pilot	:	Anschuetz NP 60
AIS	:	Furuno FA-150
2-way portable	:	
VHF	:	3 x McMurdo R2
Doppler Log	:	Furuno FA-150
SSAS	:	Independent System
P.A System	:	Hangzhou CKY-1A/B
Sound Power	:	
Telephone	:	1 set, 7 stations

TANK & CARGO CAPACITIES

Deadweight	:	1350 MT
Deck Loading	:	7.5 Tons / m ²
Clear Deck Space	:	330 m ²
Fuel oil	:	528 m ³
D.W/Ballast	:	400 m ³
Fresh Water	:	300 m ³
Mud/Brine	:	375/165 m ³
Bulk Tanks	:	186 m ³ (4 tanks)
Foam	:	13 m ³

FIRE FIGHTING EQUIPMENT

Fire pumps	:	2 x 1,500 m ³ / hour @ 14 Bars
Fire Monitor	:	2 x 1,200 m ³ / hour
Foam Dispersant	:	Comply with FIFI Class 1

SAFETY & RESCUE EQUIPMENT

Rescue Craft	:	1 x 6 men c/w launching Davit
Life vest	:	77 x SOLAS Approved
Life rafts	:	4 x 25 men inflatable liferafts
Flares	:	12 x rocket parachute flare
Fireman outfit Breathing Apparatus	:	4 Sets
Apparatus	:	4 x SCBA

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All information believed to be correct without guaranteed [Updated March - 15]