

STANFORD KITE

4000 BHP Multi-Purpose Supply Vessel (DP1, FiFi 1)



PRINCIPAL PARTICULARS:

Year Built : 2010
Call Sign : J8B4316
Official no : 10789
Class : ABS+A1 E "Offshore Support vessel,
: Fire Fighting Class1+AMS+DPS 1
Flag: : SVG
GRT/NRT : 1393/413

DIMENSION:

Length Overall : 57.50m
Length WL : 55.10m
Breadth Moulded : 13.80m
Depth Moulded : 5.50m
Draft : 4.688m
Free Board : 0.812m

SPEED:

Max. Speed : 12.0 kts
Consumption : 24 hrs @ 100 % MCR

CAPACITIES:

Fuel oil : 458 cbm
Fresh Water : 196 cbm
Drill Water : 369 cbm
Liquid Mud : 162 cbm
Bulk cement : 187 (4 x 1650 cuft)
Lube oil : 5.3 cbm
Dispersant : 13.5 cbm
Foam : 13.5 cbm
Deck Cargo : 500 mt
Deck Area : 376 sqm
Deck strength : 7t/sqm
Deadweight : 1292MT
Freezer : abt 15 cbm
Cooler : abt 8 cbm

DISCHARGE CAPACITIES:

Fuel Oil : 1 x 150 cbm/hr @ 75m head
Fresh water : 1 x 100 cbm/hr @ 75m head
Drill Water : 1 x 100 cbm/hr @ 75m head
Liquid Mud : 2 x 75 cbm/hr @ 75 m head
Bulk cement : 62 x 13 cbm/hr @ 80 psi

ACCOMMODATION:

One Man cabins : 4 cabins
Two man Cabins : 6 cabins
Four Man Cabins : 40cabins
Total : 50 berths
1 x Hospital with 2 Bed, fully air conditioned

MACHINERY:

Main Engines : 2 x 2000 BHP @ 1600 rpm, Cummins QSK60-M
Propellers : Fixed Pitch 360 Azimuths, SRP 1212FP,
SCHOTTEL/Gmbh
Bow Thruster : 1 x 430 kw Tunnel Thruster Schottel STT330LK
Generator : Generator 3 x 350kw/ 415 /3ph / 50Hz Diesel
driven, Cummins KTA 19
Emergency Generator : 1 x 70 kw/ 3 ph / 415V/50Hz diesel driven
Cummins 6BT 5.9 DP-1
Engine for FIFI pump : 746kW/1800rpm,Cummins 38 M1

DECK & AUX EQUIPMENT:

Anchor : 2 x 1590kg HHP anchors
Chain : Total length 412.5m x 34mm U2 stud link chains
Anchor Windlass : 1 x electro hydraulic with 2 cable lifter and 2
warping drums
Winch Rating : 9 mt @ 12m/min for 36mm dia chains
Capstan : 2 x 5mt @ 15m/min electro hydraulic
Deck Crane : Sormec Marine Crane M460/3S
SWL 18T @ 12M Radius/ 5T @ 36.5 M Radius

RADIO AND NAVIGATION EQUIPMENT:

GMDSS (Area 3) : 2 x VHF-DSC Radio Telephone
2 x Inmarsat C with EGC : 1 x EPIRB
1 x MF/HF- DSC Radio Telephone : 3 x VHF Portable radios
2 x SART : 1 x VHF/FM Radio Telephone
1 x Navtex Receiver : 2 x 96m X-band Radar
1 x A.I.S : 1 x Magnetic Compass
1 x Kongsberg Joystick Control : 1 x Autopilot
1 x SSB Radio : 1 x Doppler Speed Log
1 x GPS Plotter : 1 X PA/ talkback system
1 x Gyrocompass : 1 x Anemometer
1 x Weather Fax receiver : 1 x Echo Sounder
1 X Self Powered Telephone : 1 X Auto Telephone System

FIRE FIGHTING AND LSA EQUIPMENT:

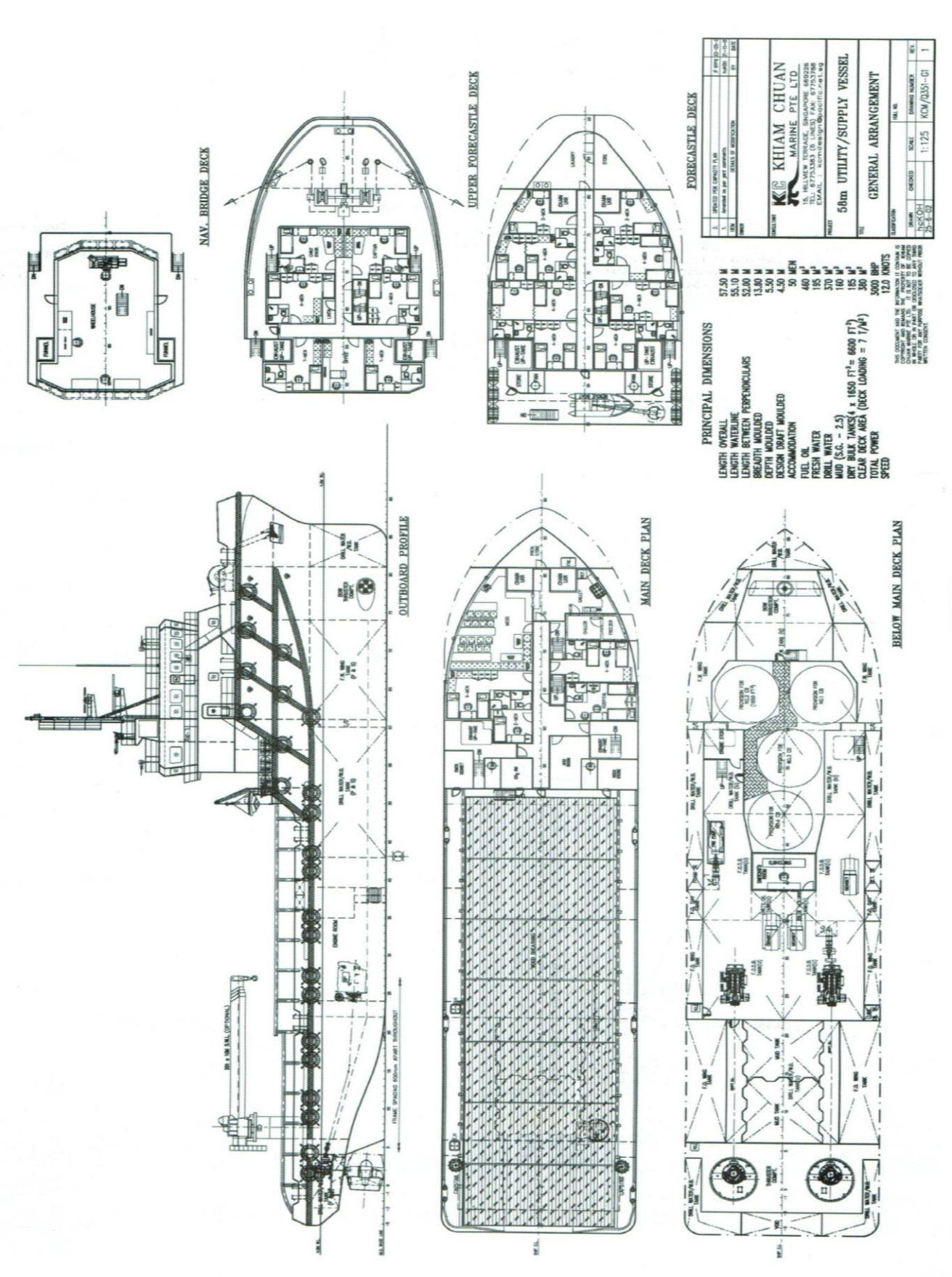
EXTERNAL FIFI : 2 X 1500 cbm/hr@14bar/140 mic /1800 RPM
Pump : 2 X1200 cbm/hr@12 BAR(with remote control)
throw length 120m / throw height 45m
Monitors : 1 Monitor fitted with double barrel for foam
discharge
1 x Water Spray Curtain around the Hull & Deckhouse
Engine room water Spray System
1 x BA recharging compressor of 75lts/min @ 200 bar (optional)

LIFE SAVINGS

6 x 25 men inflatable Life rafts
2 x MOB-Light Smoke Signal
1 x FRC 10 man diesel inboard launch recovery davit (Optional)
1 X Rigid Inflatable Rescue Boat for 6 persons (with outboard motor)
5 x 1000W Floodlights
2 x 2000W Searchlights 10 X EEBD
1 x daylight Signaling light
6 X Medical Oxygen Resuscitator

AUXILIARY EQUIPMENT:

1 x Sewage Treatment Plant suitable for 50 men , ST4A,6000L/day
1 x 5T/day reverse osmosis Fresh Water Maker, Aquamar Electric
1 x Air Compressor 9cbm/h @ 10 bar, Atlas Copco LE15-10, Belgium
1 x Oily Bilge Water Separator , Capacity 1cbm/hr
1 x Fresh Water Hydrophore Plant, 5000L CSSC(Nantong), China
Cement System : 2 sets of compressors, 5.6kg/cm2 (80psi)
working pressure, 13cbm/ min



DESIGNED BY: STANFORD KITE		DATE: 20/03/2018	
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PROJECT		GENERAL ARRANGEMENT	
56m UTILITY/SUPPLY VESSEL			
STANFORD KITE			

PRINCIPAL DIMENSIONS

LENGTH OVERALL 57.50 M
 LENGTH WATERLINE 55.10 M
 BREADTH MOULDED 13.80 M
 DEPTH MOULDED 5.30 M
 DESIGN DRAFT MOULDED 4.30 M
 ACCOMMODATION 50 MEN
 FUEL OIL 400 M³
 FRESH WATER 165 M³
 DRILL WATER 370 M³
 ADD (S.G. = 2.5) 165 M³
 DRY BKG TANKS (4 x 1650 FT³ = 6600 FT³) 380 M³
 CLEAR DECK AREA (DECK LOADING = 7 T/M²) 3000 BHP
 SPEED 12.0 KNOTS

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