

# SK ATOMIK

## 64.8M ANCHOR HANDLING TUG SUPPLY VESSEL (DIESEL-ELECTRIC) 80T BP | 7643 BHP | DP2 | FIFI 1 | 50 MEN | 420 M<sup>2</sup>

### VESSEL PARTICULARS

<b>Class</b>	ABS  A1 AH FFV1 OSR-C1 TOW  Supply-HNLS Offshore Support Vessel  AMS  DPS-2 UWILD SPS MLC-ACCOM
<b>Flag</b>	Taiwan
<b>P.O.R</b>	Kaohsiung
<b>Year Built</b>	2017
<b>Builder</b>	Nam Cheong Dockyard, Malaysia
<b>IMO</b>	9721528
<b>Official Number</b>	016660
<b>Call Sign</b>	BR4775

### DIMENSION

<b>L.O.A.</b>	64.80 meter
<b>Beam</b>	16.00 m
<b>Depth</b>	6.80 m
<b>Draft (max)</b>	5.47 m
<b>GRT</b>	2332 Tonnes
<b>NRT</b>	699 Tonnes

### CARGO CAPACITIES

<b>Deadweight</b>	1980 Tonnes
<b>Deck Cargo</b>	650 Tonnes
<b>Deck Loading</b>	7.5 Tonnes/m <sup>2</sup>
<b>Deck Area</b>	420 m <sup>2</sup>
<b>Fresh Water</b>	397 m <sup>3</sup>
<b>Drill/Ballast Water</b>	641 m <sup>3</sup>
<b>Fuel Oil</b>	640 m <sup>3</sup>
<b>Base Oil</b>	123 m <sup>3</sup>
<b>Mud</b>	411 m <sup>3</sup>
<b>Brine</b>	411 m <sup>3</sup>
<b>Dry Bulk</b>	172 m <sup>3</sup>

### ACCOMMODATION

<b>1 Man Cabin</b>	6x 1 (6)
<b>2 Men Cabin</b>	8x 2 (16)
<b>4 Men Cabin</b>	7x 4 (28)
<b>Total</b>	50 berths
<b>Hospital</b>	1 berth

### PERFORMANCE

<b>Speed</b>	10 knots
<b>Bollard Pull</b>	80.422 Tonnes



### PROPULSION & POWER PLANT

<b>Propellers</b>	2x 2400kW Azimuth Thrusters
<b>Bow Thruster</b>	2x 560kW, 10T Thrust each
<b>Propulsion Motor</b>	2x 2400kW 1200 rpm, 690V3Ph60Hz
<b>Main Generator</b>	4x 1425kW, 690V3Ph60Hz
<b>Emergency Generator</b>	1x 200kW, 440V3Ph60Hz

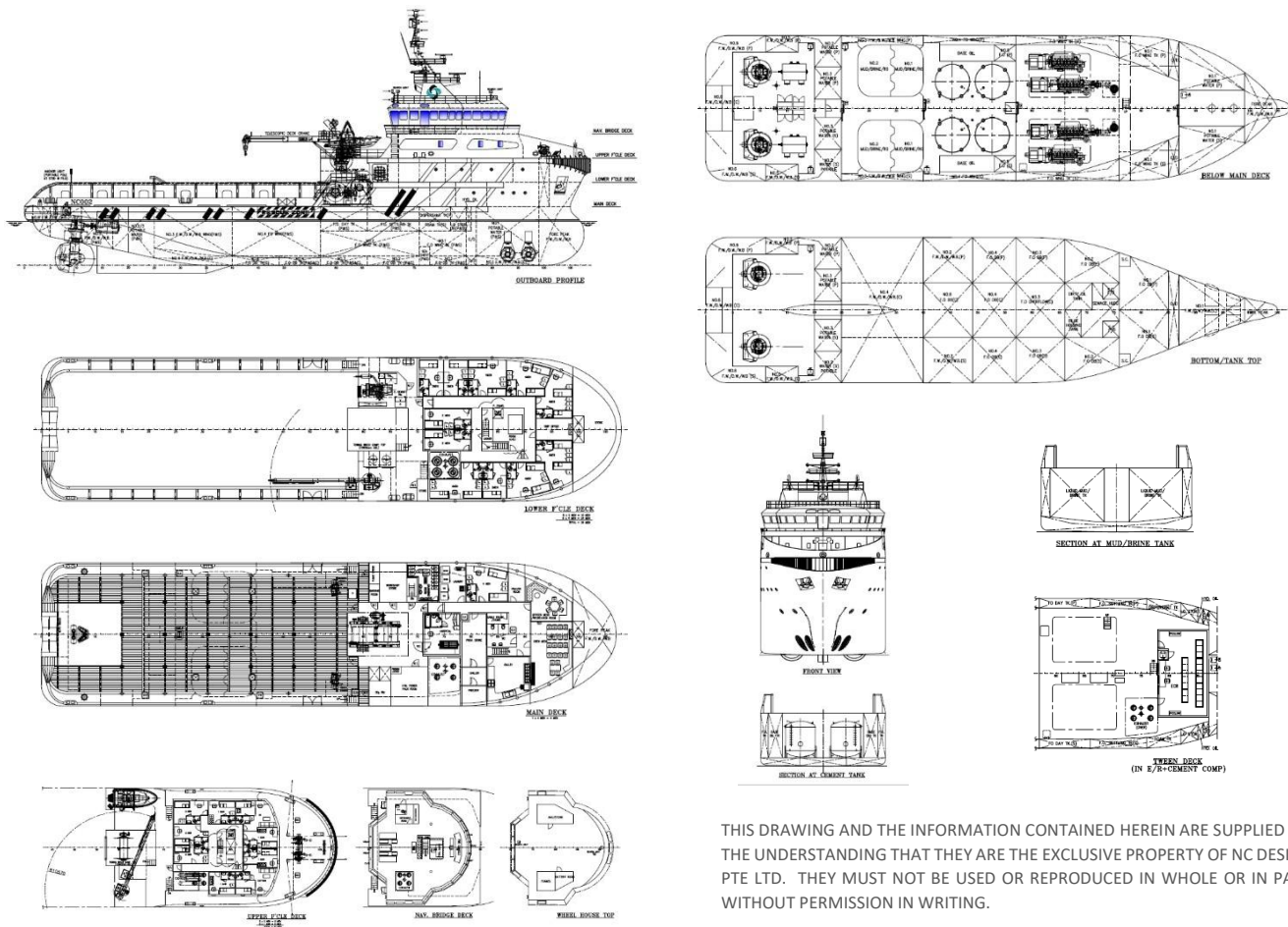
### DECK MACHINERY

<b>Tugger winch</b>	2x 10 Tonnes SWL
<b>Capstan</b>	2x 10 Tonnes SWL
<b>Provision Crane</b>	1x 5/7.5 Tonnes SWL @ 15/10 m radius Telescopic type
<b>AHT Winches</b>	1x Electro-Hydraulic double drum AH/T Winch Line pull: 150 Tonnes Brake: 250 Tonnes Drum cap: 1250m x 60mm dia. Wire
<b>Storage Reel</b>	1x 3300m x 60mm dia. Wire
<b>Shark Jaw</b>	1x 200 Tonnes SWL
<b>Towing Pins</b>	1x 115 Tonnes SWL
<b>Stern Roller</b>	1x 4m(L) x 1.8m(dia.) 250Tonnes SWL

### CARGO HANDLING CAPACITY

<b>Fresh Water</b>	1x 100 m <sup>3</sup> /hr @ 80 m head
<b>Drill Water</b>	1x 100 m <sup>3</sup> /hr @ 80 m head
<b>Fuel Oil</b>	2x 100 m <sup>3</sup> /hr @ 80 m head
<b>Base Oil</b>	1x 75 m <sup>3</sup> /hr @ 80 m head
<b>Mud</b>	2x 75 m <sup>3</sup> /hr @ 240 m head
<b>Brine</b>	2x 75 m <sup>3</sup> /hr @ 240 m head
<b>Dry Bulk</b>	2x 13m <sup>3</sup> /min @ 5.6 bar
<b>Water Maker</b>	1x 10 m <sup>3</sup> /day

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### NAVIGATION EQUIPMENT

Radars, Magnetic Compass, Gyro Compasses, DGPSs, AIS Autopilot, Echo Sounder, Speed Log, Navtex, Weather Fax SSAS, BNWAS

### COMMUNICATION EQUIPMENT

GMDSS A1+A2+A3, VHF Radios, Auto Telephone, EPIRB Public Address, Batteryless Telephone, SART

### FIRE-FIGHTING EQUIPMENT

**External FiFi** Pump: 2x 1700 m<sup>3</sup>/hr @ 130 MLC  
Monitor: 1x 1200 m<sup>3</sup>/hr (water/foam)  
Monitor: 1x 1200 m<sup>3</sup>/hr (water)

**Oil Dispersant** 2x 6m spray booms with nozzles

### SAFETY EQUIPMENT

**Rescue Boat** 1x 6 men Fast Rescue Boat

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