



SK MAGNITUDE

78M ACCOMMODATION WORK BOAT
50T CRANE | DP 2 | FIFI 1 | 168 MEN | 750 m²

VESSEL PARTICULARS

Class	ABS ✕A1 Ⓢ SPS ✕AMS Offshore Support Vessel FFV 1 ✕DPS-2 CRC RW
Flag	Malaysia
P.O.R	Port Kelang
Year Built	2018
Builder	Xiamen Shipbuilding Industry, China
IMO	9753856
Official Number	336823
Call Sign	9MYF2

DIMENSION

L.O.A.	78.00 m
Beam	20.00 m
Depth	8.00 m
Draft (max)	6.40 m
GRT	4951 Tonnes
NRT	1485 Tonnes

CARGO CAPACITIES

Deadweight	3618 Tonnes
Deck Cargo	1000 Tonnes
Deck Loading	10 Tonnes/m ²
Deck Area	750 m ²
Fresh Water	1106 m ³
Drill/Ballast Water	2649 m ³
Fuel Oil	1481 m ³

ACCOMMODATION

1 Man Cabin	6x 1 (6)
2 Men Cabin	19x 2 (38)
4 Men Cabin	31x 4 (124)
Total	168 berths
Hospital	2 berths

PERFORMANCE

Speed	10 knots
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PROPULSION & POWER PLANT

Propellers	2x 2206KW Azimuth Thrusters
Bow Thruster	2x 785KW, 12T Thrust each
Main Engine	2x 2206KW 800 rpm
Main Generator	2x 715KW, 440V3Ph60Hz
Shaft Generator	2x 1236KW, 440V3Ph60Hz
Emerg Generator	1x 150KW, 440V3Ph60Hz

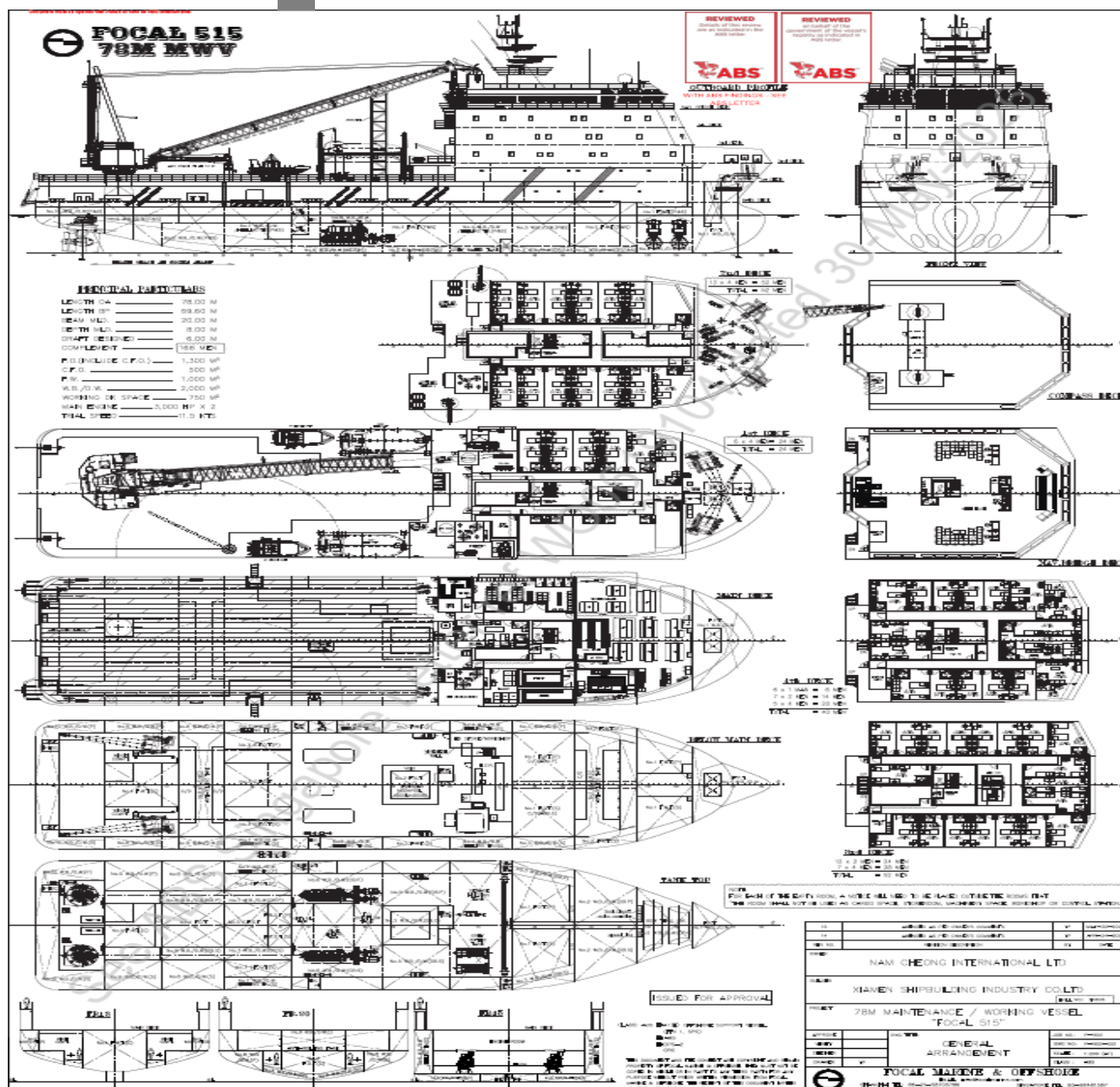
DECK MACHINERY

Tugger winch	2x 10 Tonnes SWL
Capstan	2x 5 Tonnes SWL
Provision Crane	1x 3 Tonnes SWL @ 12 m radius
4 Points Mooring	4x Electro-Hydraulic Mooring Winches Line pull: 50 Tonnes Brake: 120 Tonnes Drum cap: 1500m x 42mm dia. Wire 4x 5 Tonnes Delta Flipper Anchors
Main/Pedestal Crane	1x 50 Tonnes @ 12 m radius Boom Length: 36.6m lattice type API 2C, certified for Personnel Lifting

CARGO HANDLING CAPACITY

Fresh Water	1x 120 m ³ /hr @ 90 m head
Drill Water	1x 120 m ³ /hr @ 90 m head
Fuel Oil	1x 120 m ³ /hr @ 90 m head
Water Maker	2x 40 m ³ /day

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NAVIGATION EQUIPMENT

Radars, Magnetic Compass, Gyro Compasses, DGPSs, Cyscan, AIS Autopilot, Echo Sounder, Speed Log, Navtex, Weather Fax SSAS, BNWAS, (VDR), (ECDIS)

COMMUNICATION EQUIPMENT

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

FIRE-FIGHTING EQUIPMENT

External FiFi Pump: 2x 1830 m³/hr @ 120 MLC
Monitor: 1x 1200 m³/hr (water/foam)
Monitor: 1x 1200 m³/hr (water)

Oil Dispersant 2x 6m spray booms with nozzles

SAFETY EQUIPMENT

Rescue Boat 2x 6 men Fast Rescue Boat
118 KW in board engine, waterjet

Lifeboat 2x 100 men Life Boats

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