

Anchor Handling Tug Supply - Fifi 1

General

Class: BV I +HULL +MACH Supply vessel / Tug / Special Service - Anchor Handling Tug ,
Special Service - Offshore support vessel / Standby vessel, Fire-fighting Ship 1, Water spraying,
unrestricted navigation

Flag: Hong Kong

Year built: 2018

Dimensions and Capacities

Length (m): 60.00

Breadth (m): 14.20

Depth (m): 6.00

Max draught (m): 5.10

Fuel tank: 585.37m³

Fresh water tank: 321.57 m³

Cargo deck area: ~330m²

Cargo deck load: 7.5ton/m²

Deck Cargo: 600ton

Ballast/Drill Water: 259.26m³

Machinery

BHP main engine: 2,200 AT1,800rpm

Number of main engine: Two

Maker: Cummins

Reduction Gear Box:

Ratio: 6.54 : 1

Number: 2

Maker: TWIN DISC NICO

Generator: 2 x 350kW/3ph/440V/50Hz and 1x 245KW /400V/50HZ/ 3PH

Maker: Caterpillar

Number of generator: Three

Emergency Genset: 100KW /400V/50HZ/ 3PH

Number of generator: One

Maker: Weichai/Deutz

Propeller: Fixed Pitch Nozzle Propeller x 2 (4 blades)

Bow Thruster: 1 x 350 kW

Electro-hydraulic steering-gear: 1 x 5.5 T-M

Marine Crane:

One set of 2ton(reach10m)

Dry Bulk Handling System
Alphatechnique (4 x 34m³)

External FIFI System(FIFI 1 Class)
1200/300m³/hr (water/foam), range/height of water throwing 120/50m(sea water)
FFS

Towing Equipment

- Hydra Single Side Type Anchor Windlass:
One set, 2 anchors, per1740kg weight
40mm anchor chains of class AM2
- Hydraulic Capstan
Two sets, 5ton x 15m/min
- Hydraulic Tugger Winch
One set,10ton x 15m/min
- Electro-hydraulic Anchor handling & Towing Winch set:
Type: Double drum
Reel Storage (Wire): 52mm x1000m
Line pulling : 70ton
Brake holding : 200ton
- Hydraulic Shark Jaw
One set Capacity 200ton, rope Size
30~70 mm / Chain Size30~70 mm
- Hydraulic Towing Pin
One set Capacity 200ton, height above deck 700 mm
- Stern Roller
One set1.6m x 5.36m,SWL 200ton

Performance

Bollard pull: ~60T

Radio and Navigation Equipment

Radar: 1x JRC JMA-5312-6
Echo Sounder: 1x JRC JFE-380
Speed Log: 1x EML-500HV1
Anemometer: 1x Wind Tracker
GPS: 1x JRC JLR7500
Electrical Horn: 1x IBUKI ES300
Autopilot: 1x Saura SA-10
Vertical Standard Magnetic Compass: 1x CGT-165
Gyro Compass: 1x CMZ900B
Sound Power Tele.: 1x HSQ-1
Public address system: 1x CKY
AIS: 1 x JRC JHS-182

A3 sea GMDSS

MF/HF SSB: 1x JRC JSB-196GM

Inmarsat-C: 2xJRC JUE-85

VHF telephone: 2x JRC JHS-770S

NAVTEX: 1x JRC NCR-333

SART: 2xMcmurdo SART S4

EPIRB: 1x Mcmurdo E5

Portable VHF: 3xMcmurdo R2

Accommodation: 46