### Built Information
- **Year Built**: 2009
- **Classification**: ABS
- **Flag**: St. Vincent
- **No. / Call sign**: 330999/ 9WHK9
- **Builder**: Sea link Shipyard, Miri
- **Registry**: Port Kingstown
- **Designer**: Khiam Chuan, Singapore

### Principal Dimensions
- **Length Overall**: 48.00 M
- **Length waterline**: 45.56 M
- **Length B.P.**: 43.77 M
- **Breadth Moulded**: 13.20 M
- **Depth Moulded**: 05.20 M
- **Designed Draft**: 04.20 M
- **GRT/NRT**: 1039/311

### Machinery & Propulsion
- **Main Engine**: 2 x CAT 3516 BTA c / w gear box
- **Output Hp**: 2 x 2575 BPH
- **Gear Box**: 2 x LAF 873 L
- **Gear Ratio**: 7.455/1
- **Fresh / Seawater pressure set**: 3 x Grundfos GTH-18V
- **Propeller**: 2 x ø2650x2575 CuNiAl Bronze , 4 blades
- **Kort Nozzle**: 2 x ø2650 x 12 mm Steel
- **Tailing Shaft**: 2 x BCP690 X 400 Forged Steel
- **Intermediate Shaft**: Forged Steel
- **Emergency Generator**: Cummins 3 x KTA19 DMI 380 kw
- **Starting Air Compressor**: 2 x Swan, FBFC -2 units FRP1051 BAA/04X2-1pc
- **Heater Tank**: Joven , JH91 , horizontal
- **AC compressor**: 2 x Central A/C unit – Ripple plate

### Performance
- **Speed**: 11 Knots
- **Endurance**: 30 Days
- **BP**: 70 Tons
- **Range**: 7920 NM

### Pumps
- **Air-cond Cooling Pump**: 45 M³/ hr Pump
- **Freeze / Chiller Cooling Pump**: 25 M³/ hr Pump
- **Cooling Pump for HPU P/pack deck**: 25 M³ /h
- **GS / Fire pump**: 35 M³/hr
- **Fuel Oil Cargo Pump**: 130 M³/hr
- **Fresh Water Cargo Pump**: 100 M³ / hr
- **Fire Fighting Pump**: 35 M³/hr
- **Fire Fighting Pump**: 1500 M³ / hr x 110m
- **Bilge Pump / Ballast Pump**: 50 M³/hr
- **Fuel Oil Transfer Pump**: 10 M³/hr
- **Dirty Oil Pump**: 2 M³/hr
- **GS / Fire pump**: 35 M³/hr
- **Fuel Oil Purifier pump**: MAB 104B-14/24
- **Chain Locker pump**: Pacer Pump

### Tanim Capacity
- **Fuel Tanks**: 630 M³
- **Fresh Water**: 235 M³
- **Potable / Ballast Water**: 94 M³
- **Lib Oil**: 2 Tons
- **Foam**: 12 M³
- **Dispersant**: 12 M³

### Radio & Navigational Equipment
- **Magnetic Compass**: VHF Radio Telephone
- **Gyro Compass**: Furuno, Model TG 8000/8500
- **Radio Telephone**: Furuno
- **Automatic Identification System**: Vingtor VSP Batteries
- **Public Address/Talkback System**: Furuno , Model DS-80
- **Speed Log**: Furuno , Model - RT-2500
- **NavTEX Receiver**: Furuno, IC-306, IC-305, LRIT built in
- **Global Positioning System**: Furuno Model FA-150 -1pc
- **Automatic Identification System**: Vingtor
- **Navigation Light Panel**: Aqua Signal
- **Wind speed & Direction Indicator**: Model 66206
- **HOR**: Marco Type:6.423
- **GMSS Radio System**: JMC , model – RT-2500
- **Search Light**: IMC 2000 W
- **Racing System**: NMS6000 Joystick,-USA
- **Skywave DMR-200**: Furuno
- **GME Model**: – MT403FF
- **Fire Fighting System**: Sailors TNT TT3064A
- **Model**: – S701,
- **Gadmei TV5821E**

### Deck Equipment
- **Anchor Windlass**: 4.9 T x 11 m/min
- **Tugger Winch**: 10 T x 15 m/min
- **Capstan**: 5 T x 15 m/min
- **Anchor Chain**: 34mm x 27.5m
- **Towing Winch**: 10 layer, rated pull 69 T, P411 AHTW/WF 150/200
- **Main Engine Control**: AC 14 HPP anchor 1080Kgs 2 pcs
- **Intermediate Shaft**: Forged Steel
- **Deck Crane**: Stern Roller
- **Store rope reel**: 300m x 36mm
- **Tow Pins**: PS-200MTTA , 200MT

### Safety Equipment
- **Inflatable Life raft**: 6 x FRN-SN20 FRP-SV-20R, 20 persons
- **Fire Hose/Nozzles Spray/Jet**: ø11/2”x15mx4pcs,China Scopes 4pcs
- **Life Buys**: 10
- **Bell**: 12
- **Life Jackets C/W**: 50
- **Fire Hose Boxes**: 4
- **Line Throwing**: 1
- **SCBA**: 4 x Aeries SCBA 30 min
- **Paraflute Flares**: 12pcs Embarkation
- **Rope Ladder**: 6m
- **Man over Board**: 2
- **Orange smoke Signal**: 2
- **Safety Alarm/Detection System**: 1set
- **EEBD**: 10 mins x 13 pcs
- **Fire Buckets**: 4
- **Fireman Outfit**: 6
- **Safety Alarm/Detection System**: Electrical Alarm Bell and Signal Lights and Detection System- 1set
- **ACOMMODATION**: 10 mins x 13 pcs
- **Rescue Boat**: 4
- **Dayfer S L – 6 persons**

### Electrical System
- **External Fire Pump**: 1500 m³/ hr x 110 m
- **CO2 FF Sys Fi**: Tech Engineering Services Singapore
- **Fire Monitor**: 3000-15000 SGPM – 2 pcs
- **Room CO2 – 15 pcs Cylinders x 45 Kgs, Fog / Jet Nozzle**: Fitech Engineering

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**Stanford Bream**

**48 M Anchor Handling Tug**

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