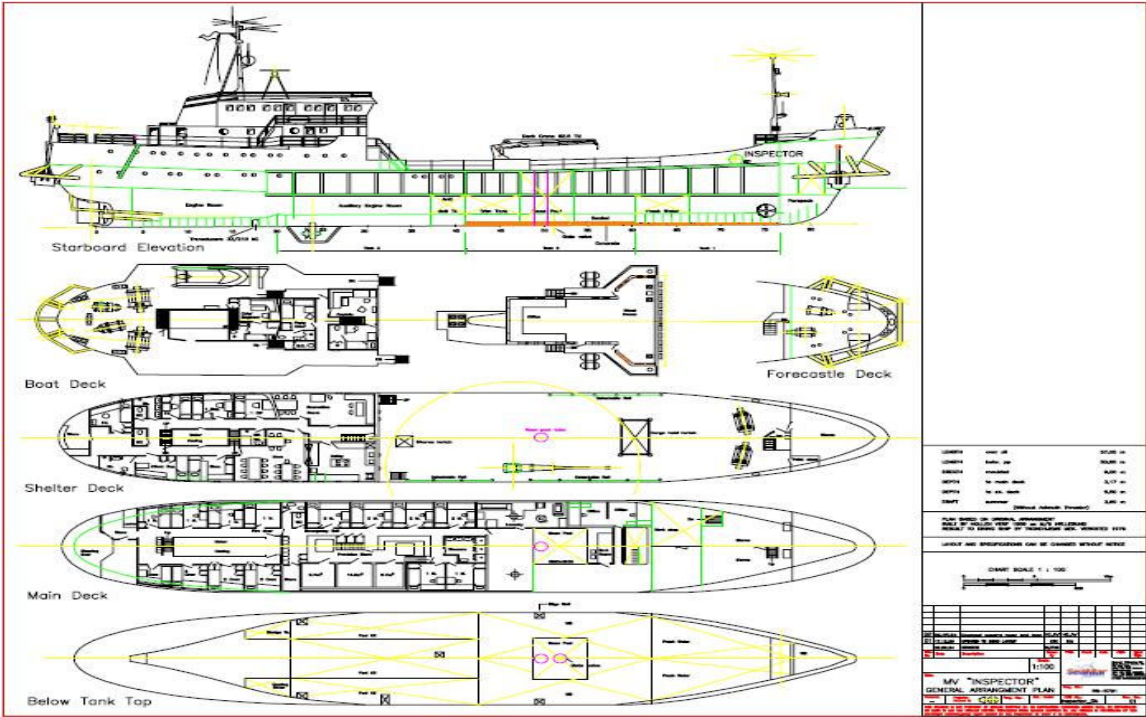


# Multi Purpose Offshore Support Vessel M/V INSPECTOR



# **Multi Purpose Offshore Support Vessel M/V INSPECTOR**

## **FULL SPECIFICATION OF THE VESSEL**

### **REGISTRATION**

NAME:..... **INSPECTOR**  
VESSEL TYPE:.... **Multi Purpose Offshore Vessel**  
FLAG:..... **Brazilian**  
CREW:..... **Brazilian**  
OWNERS:..... **Nit Sea Navegação Ltda**  
CLASS: ..... **Offshore Support Vessel**  
HULL:..... **Steel**  
YEAR BUILT:..... **1959**  
REBUILT:..... **1976**  
CERTIFICATES:.... **IN CLASS**

### **MAIN CHARACTERISTICS**

LOA:..... **59,19 m**  
LBP:..... **51,21 m**  
BEAM:..... **9,02 m**  
BEAM (including fendering) :.. **9,50 m**  
DEPTH: ..... **5,50 m**  
DRAFT:..... **5,20 m**  
GRT:..... **734**  
NRT:..... **220**  
DISPLACEMENT MAX:..... **1.050 ton**

### **PROPULSION - MACHINERY**

MAIN ENGINE: ..... **Caterpillar D398 750 Hp, 1200 rpm**  
PROPULSION SYSTEM:..... **variable Pitch Propeller (Wichman) via caterpillar gearbox and Wichman OD box.**  
AUXILIARY ENGINE No 1:.. **Deutz SBF8M716 500 Hp, 1800 rpm, driving 280 kVA Stamford generator and Azimuth thruster Schotte 350 HP.**  
AUXILIARY ENGINE No 2: .. **Scania DS 14 350 Hp, 1800 rpm, driving 270 kVA Stamford generator.**  
BOW THRUSTER: ..... **Scania DSI 14 350 Hp, 2000 rpm, driving a Brunvoll tunnel bow thruster with variable pitch propeller.**  
GENERATORS:..... **2 x Stamford. 280 kVA and 270 kVA. 440 Volt, 60 Hz.**

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### **PERFORMANCE**

SPEED:..... **7,5 knots**  
CONSUMPTION WHEN SAILING:..... **3 ton/day**  
CONSUMPTION AT ANCHOR:..... **0,5 ton/day**  
CONSUMPTION IN SURVEY MODE:.. **1,5 ton/day**

### **4 POINT MOORING SYSTEM**

**4 x Karmoy hydraulic winches, 22t, drum capacity 1400m 32mm wire. Winches are equipped with wire spooling device**

**ANCHORS: 4 x 2.5t Delta Flipper anchor, 1 x 1,5t Delta Flipper anchor for spare**

### **ACCOMODATION**

Certified for 32 persons. Fully air-conditioned  
Survey Room/Office on bridge deck, 20 m<sup>2</sup>  
2 ea offices and dark room on main deck  
1 ea workshop in hold

### **SPECIAL EQUIPMENT**

DECK CRANE: ..... **Heavy type of marine crane with 5t winch (200m runner wire), capable of lifting 10t with double sheaved runner**  
GENERAL PURPOSE WINCHES:..... **4 x Karmoy hydraulic winches, 5t**

### **CAPACITIES**

OPEN DECK SPACE:..... **200 m<sup>2</sup>**  
SHELTERED DECK SPACE:..... **136 m<sup>2</sup>**  
DIVING MOONPOOL:..... **3,6 m x 3,6 m**  
FRESH WATER:..... **125 m<sup>3</sup>**  
FUEL: ..... **112 m<sup>3</sup>**

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## **INSPECTOR**

### **BRIDGE EQUIPMENT**

RADAR :..... **2 x Furuno daylight radars**  
AUTO PILOT :..... **Robertson AP9**  
GYRO COMPASS :..... **Sperry**  
GPS RECEIVER :..... **Koden**  
DGPS REC. : .....**2 x Sercel NR103**  
ECHO SOUNDER : .....**Atlas Deso 600s**  
Extra hull mounted 33/210 Khz transducers for survey equipment purposes.  
VHF :..... **2 x Sailor RT 2048, 1 x Furuno + DSC**  
SSB :..... **Sailor ssb terminal with MF and HF bands. + DSC**  
GMDSS :..... **Fully equipped/certified for sailing area A3.**  
INMARSAT B :.....**Nera B with pc terminal. (Telephone, facsimile, telex and e-mail)**  
INMARSAT C :.....**Furuno Felcom 15**  
Intercom system throughout the ship.  
Iridium telephone  
GSM telephone  
Handheld VHF sets

### **GENERAL**

The vessel is a multi purpose offshore vessel, particularly suitable to perform air diving, mall construction work, ROV support, geotechnical and geophysical service for site, route and inspection surveys for the offshore oil and gas, telecommunications cable and dredging industries.



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