

# OSV "STINGRAY" SHIP'S PARTICULAR



General	
Vessel name	STINGRAY
Owner	Neo Marine Service International DMCC
Year Built	June 2011
Year Keel Laid	17 October 2008
Yard	ItalThai Marine Ltd.
Place of build	Thailand
Flag	Azerbaijan
IMO No.	9513866
Call sign	4JUM
Length (OA) X Breadth	72.11 M X 16.0 M
Length (BP)	64.705 M
Moulded depth	7.20 M
Design Draft	6.2 M
Freeboard	1.0 M
Air Draught	26.6 M
Gross Tonnage	2596 GT
Net Tonnage	779 GT
Lightship	2224.60 T
Fully Loaded (DEAD WEIGHT)	2945.68 T
Fully Loaded Displacement	5170.28 T
Joystick – DP Class (1/2/3)	DP2 CONVERTEAM
Class	RINA
Propulsion/Maneuverability	
Total power of Main Engines	5496 BHP (4100 kW)
Main Engines Number and Type	2 X GE 12 V 228 MDD11
Total power of Diesel generators	2 X 620 kW
Diesel generators Number and Type	2 X MAN D2842LE301
Total power of Shaft Generators	2 X 780 kW
Shaft Generators Number and Type	2 X Leroy Somer LSAM 49.1 M6 6S/4
Total power of Emergency Generators	1 X 120 kW
Emergency Generators Number and Type	1 X MAN D2866 LXE20
Total power of Bow Thruster	3 X 550 KW (92 kN)
Bow Thruster Number and Type	3 X SCHOTTEL STT 003 CP
Azimuth Thruster (if applicable and BHP)	2 X SCHOTTEL SRP 1515CP (2747 BHP)
Propeller Type	Azimuth
Cargo Capacities	
Max Clear Deck Space m2	527.3 SQM
Max Clear Deck Length and Breadth (mxm)	40.13 M x 13.14 M
Deck Strength	5 T / SQM
Max Deck Cargo (tonnes)	1000 T
Electrical points on deck for reefer containers	4 X 440 V
Fuel Oil m3	583 CU M (18 pcs tank)
Potable Water m3	704 CU M (11 pcs tank)
Drill Water m3	442 CU M (10 pcs tank)
Roll Stabilizing tank	318 CU M (2 pcs tank)
Brine/Mud Tanks m3	348 CU M (2 pcs tank)
Liquid Mud loaded and discharged via dedicated lines	YES
Circulation system for Liquid Mud so as to prevent settling	Circulation and agitator

Self cleaning Liquid Mud tanks	YES
Dry Bulk	304 CU M (6 pcs tank)
<b>Pumps</b>	
Fuel Oil	2 X 150 CU M / HR @ 8 BAR
Fresh Water	2 X 100 CU M / HR @ 8 BAR
SWB/Drill Water	2 X 100 CU M / HR @ 8 BAR
Base Oil	2 X 100 CU M / HR @ 8 BAR
Liquid Mud / Brine	2 X 80 CU M / HR @ 8 BAR
Bilge/Fire pump	1 X 100 CU M / HR @ 6 BAR
GS Fire Pump	1 X 100 CU M / HR @ 6 BAR
Bulk Cement	80 m3 / HR @ 5.6 BAR

<b>Fire Fighting Equipment</b>	
Fire fighting – 1/2/3/ Portable Pack (please state)	FIFI CLASS 1
Fire Pumps	2 X 1660 CU M / HR @ 12 BAR
Monitors – Water/Foam	2 X 1200 CU M / HR
Foam/Detergent	1 x 22.53 CU M tank
Emergency Fire Pump	35 CU M / HR @ 4.5 BAR
<b>DP system</b>	
DP system type	Converteam , DPS21
DP Reference System	1 x Cyscan MK2 , 1 x Radascan MKIV, 2 x DGPS Veripos LID2-G2
DP MRU	2 x TSS DMS RP30
DP GYRO	3 x Anchutz STD 22
DP Anemometer	2 x Gill Wind Observer 2
<b>Speed (details abt and wog)</b>	
Speed (max)	Abt 13.6 knts
Speed (service)	Abt 11.0 knts
Consumption/day at Speed (max)	Abt 16 mts
Consumption/day at Speed (service)	Abt 12 mts
Consumption/day at port	Abt 0.8 mts
Consumption/day on DP	Abt 12 mts
Fuel	MDO as per ISO 8217 DMX + DMA
<b>Deck Equipment</b>	
Anchor Windlass	2 x 10t (9 m / min)
Anchors	2 x 1930 KG + 1 spare
Capstan	2 x 5 T
Tugger Winch (number/capacity/rating)	2 x 10 T
Crane	5 T SWL @ 12 m
Freezer/Chiller	25 m <sup>3</sup> @ -18 deg C° / 25 m <sup>3</sup> @ + 4 deg C°
<b>Oil Spill Response</b>	
Dispersant Capacity	10.84 CU M
Oil Dispersant System	YES
<b>Rescue and Recovery</b>	
FRC/Heave compensated on load release Davit	Fassmer, FRR 6.5 ID-SF
Life rafts	4 x for 25 persons each
LSA	28
<b>Accommodation</b>	
Single Berth Cabins	10
Double Berth Cabins	5
Four Berth Cabins	2
Total Berths	28

Radio and Navigational equipment	
Radars	2 x Radar Furuno FAR 2137S and Radar Furuno FAR 2117
Radio MF/HF	1 x Furuno FS-2571C
Radio VHF	2 x Furuno FM 8800S
Portbale VHF GMDSS	3 x ENTEL HT649
Portable VHF	6 x Motorola DP1400
Portable UHF	4 x Sailor McMurdo R8F TT-3965A
Gyro Compass	3 x Anchutz STD 22
GPS	2 x Furuno GP 150 and Samyung SGN-500
AIS	1 x Furuno FA150
Navtex	Furuno NX -700B
Echo Sounder	2 x Furuno RD30/FE-701
Autopilot	1 x Anchutz
Electronic chart system	1 x Furuno EC-1000C
Weather fax	1 x Furuno Fax 30
Anemometers	2 x Young Model 06206
EPIRB	EPIRB Ocean Signal SafeSea EPIRB1 Pro
Radar Transponders	2 x ACR Pathfinder
Inmarsat C (Telex/Telefax/Email)	Inmarsat -C/Furuno Felcom 15

Particulars are believed to be true and correct and subject to revision without prior notice. Interested parties must inspect vessel to check on suitability. Optional items are to be mutually agreed for inclusion/exclusion in vessel specifications.

These details of the vessels particulars vital and incorporated to any contract and are given in good faith.





## Schottel Azimuth Pods Propulsion System



- Maximum maneuverability
- Optimum efficiency
- Economical operation
- Space-saving installation
- Simple maintenance
- High reliability
- Optimized in terms of cavitation and vibration
- Dependable design

## Converteam DP II System



### Dual redundancy advantages

No single point failure. The system is designed to avoid total system failure if a single failure occurs.

### Fault isolation

If one system component fails, the other components will not be affected.

### Detection of failure

The working part of the dynamic positioning system will detect a failure, allowing corrective actions to be taken.

### Switch-over to hot standby

If the on-line computer in the system fails, a successful switch-over to the hot standby computer occurs automatically.

### DP class notation

The Converteam dynamic positioning systems meet the Equipment Class notation for Class 2 DP systems. The flexible nature of the systems allow them to be upgraded to Equipment Class 3 if/when required.

### Dynamic positioning operator interface

The operator interface is designed to allow efficient and safe operation of the dynamic positioning system by assisting the operator in making optimum operational decisions.

Special Features:

**Accommodation of 28 DNV Comfort Class 3**



**Modern Efficient Bridge Layout**





Fassmer Fast Rescue Boat



## Fire Fighting Class One

