

# STANFORD BUZZARD

5400 BHP Platform Supply Vessel (DP2, FiFi 1)



## PRINCIPAL PARTICULARS:

Design : MMC 887  
Class (ABS) : +A1, (E) offshore Support Vessel  
AMS + DPS-2 + FFV Class 1  
Flag : St. Vincent and The Grenadines  
Delivery Date : October 2011

## DIMENSIONS:

Length Overall : 87.075m  
Breadth Moulded : 18.80m  
Depth Main deck : 7.40m  
Max. Summer Draft : 6.05m  
Cargo Deck Area : 1000m<sup>2</sup>  
Deck cargo : approx. 3550MT  
Deadweight : 5145MT  
GRT / NRT : 3601 / 1429

## PERFORMANCE:

Max Speed : 14.3 knots  
Service Speed : 12 knots  
Fuel consumption at max speed 24.0 (MT/24h)  
Fuel consumption at Service Speed 15.7 (MT/24h)

## CAPACITIES:

Fuel Oil : 958.87 cbm  
Fresh Water : 494.18 cbm  
Potable Water : 166.80 cbm  
Drill Water : 1739.45 cbm  
Liquid Mud (Methanol): 430.20 cbm  
Liquid Mud : 1984.22 cbm  
Dry Bulk : 400.70 cbm

## PUMPS WITH DISCHARGE RATE:

Fuel Oil cargo Transfer : 1 x DESMI pump off 150/20 (m3/h)  
9 bar, electric driven  
Ballast Water / Drill : 1 x DESMI pump off 150/80 (M3/h)  
9 bar , electric driven  
Fresh Water : 1 x DESMI pump off 150/80 (M3/h)  
9 bar , electric driven  
Liquid Mud : 4 x P.G pumps off 150 (m3/h) 14 bar  
electric drive  
Mud Cleaning System : BUTTERWORTH for 8 off liquid mud tanks  
Dry Bulk : 2 x INGERSOLL-RAND compressor of  
1100 (m3/h) 5.6 bar electric driven  
Bilge : 1 x DESMI pump off 65 (m3/h) 20.5  
bar electric driven

## PUMPS WITH DISCHARGE RATE:

Methanol Pump : HAMWORTHY DW 100/100-4-K Cbm  
10.57/h 1.13 MPa  
FiFi Pumps : 2 x SEAPLUS pumps 1200(m3/h)

## MACHINERY SYSTEM:

Main Engines : 4 x 1 900 (kW); 4 x 2 547 (HP)  
Cummins QSK60-D(M);  
Emergency Engine : 1 x 435 (kW); 1 x 570 (HP) - Cummins  
Bow Thruster : 1 x 910 (kW); 1 x 1 220 (HP)  
Rolls Royce TT1850 DPN CP  
Retractable thruster : 1 x 800 (kW); 1 x 1 072 (HP)  
Rolls Royce UL1201 CP  
Stern thruster : 2 x 2 000 (kW); 2 x 2 680 (HP)  
Rolls Royce 255P30 FP  
Main generator : 4 x 2 282 (kVA); Water cooled - ABB  
Emergency Generator : 1 x 481 (kVA); Air cooled 1 - ABB

## DECK MACHINERY:

Provision crane SB side : 1 x provision, straight arm  
deck crane – 2 MT @ 0(m)  
Tugger Winches : 2 x 10 (MT); electric driven

## DYNAMIC POSITIONING SYSTEM:

DP – 2 ( Kongsberg) : 3 x Wind Sensor, 3 x MRU,  
3 x Gyrocompass, 2 x DGPS  
2 x Radius System, 2 x Independent  
Joystick, Interface for future HiPAP  
Installation, Follow target Mode (R.O.V)  
mode, 2 x Portable joystick

## ANCHORING AND MOORING EQUIPMENT:

Windlass : 2 x combined windlass / monitoring winch;  
electric driven  
Capstans : 2 x capstans aft: 10 (MT) pull: electric driven

## ACCOMMODATION:

Number of Person : 52 Persons  
16 x One Man Cabins 16  
10 x Two Men Cabins 20  
4 x Four men cabins 16  
1 x Dispensary  
1 x office

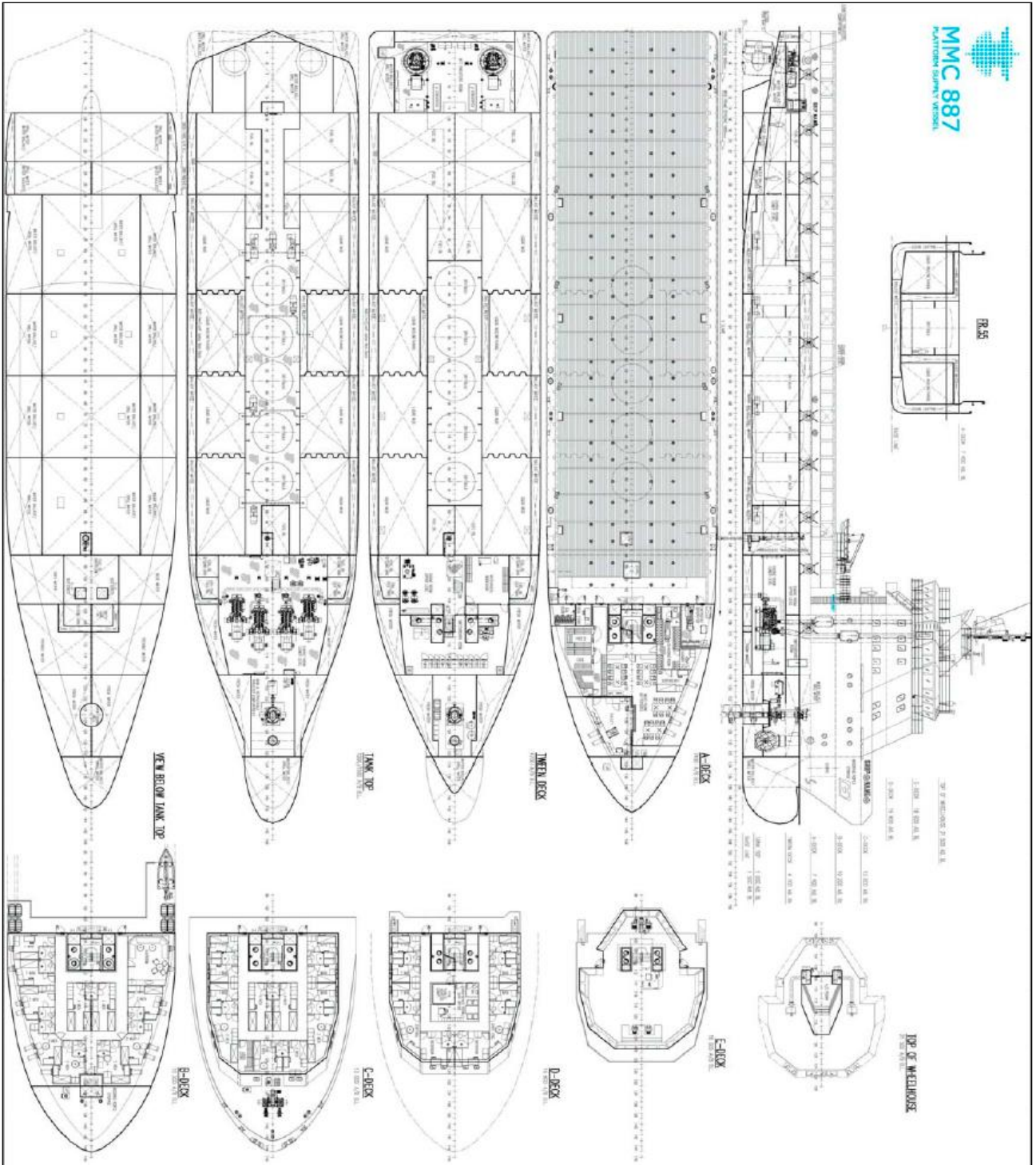
## NAVIGATION/COMMUNICATION EQUIPMENT:

1 X Furuno ARPA S- Band Radar  
1 x Furuno ARPA X- Band Radar  
1 x INMARSAT C Satellite  
1 x GPS for Navigation  
1 x Complete GMDSS A3 Radio Installation  
1 x AIS (Automatic Identification System)  
1 x VDR (Voyage Data recorder)  
1 x SSAS Distress Alarm ( Combined with INMARSAT-C) Maker Furuno

## RESCUE EQUIPMENT:

Mob : 1 X SOLAS, type MOB for 6 persons  
made fro GRP  
Speed : 6 knots  
Davit : Single Arm rescue boat crane  
SWL : 13.5 (kN)

**MHC 887**  
 PATTERNS SHIPYARD VENEZIA



2008-01-31

TYPE OF CHAINS	NO. OF CHAINS	NUMBER OF BERTHS
1 MAN WITH BERTHOOD	2	2
1 MAN	14	14
2 MEN	10	20
4 MEN	4	16
<b>TOTAL</b>	<b>30</b>	<b>52</b>

TANK CONTENT	UNIT	BARRELS	GALLONS	CBM
LIQUID WLD	7 497	15 666		
DRY BULK	400		14 134	
W.B./D.N.	1800	475 509		
FRESH WATER	620	163 785		
FUEL OIL	926	244 623		
METHANOL	460	2 893		

LENGTH OVER ALL	134.00	82.2	256
LENGTH BETWEEN PERPENDICULARS	120.00 <td>82.0 <td>271</td> </td>	82.0 <td>271</td>	271
REGULATED LENGTH	8	19.8 <td>62</td>	62
DEPTH TO MAIN DECK	0	2.4 <td>24</td>	24
DEPTH TO MAIN DECK	4	5.9 <td>39</td>	39
MAX. SLOPE (GRADE)	—	6.2 <td>29</td>	29
MIN. SLOPE (GRADE)	—	22.4 <td>173</td>	173
MIN. SLOPE (GRADE)	—	100.0 <td>1764</td>	1764

DISPLACEMENT	DISPON (D.B. m)	DWT	5430	WT
DISPON (D.B. m)	DWT	5430 <td>WT</td> <td></td>	WT	

WAT. ENGINES	NATURE	TYPE	4 x -
NATURE	TYPE	4 x -	
COPY	WCS	427.45 HP	
NO. OF ENGINES	REV	631802.88	
NO. OF ENGINES	REV	1800	

CLASS	AMERICAN BUREAU OF SHIPPING
CLASS	AMERICAN BUREAU OF SHIPPING
	+M(E), OFFSHORE SUPPORT VESSEL
	+AMS, +DPS - 2 + FEV CLASS 1

GENERAL ARRANGEMENT	SHIP DESIGN & MARINE CONSULTING LTD.
GENERAL ARRANGEMENT	SHIP DESIGN & MARINE CONSULTING LTD.
	038
	0110-1
	M1
	MHC 887 MODEL



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