



VESSEL SPECIFICATION

1. MAIN PARTICULARS

1.1 Vessel Name:	MV OPUTUKPA
1.2 Year of Build:	2009
1.3 Type of Vessel:	36-metre Aluminum Fast Crew Support Vessel, Utility Vessel
1.4 Length Overall:	36.00m
1.5 Beam:	7.60m
1.6 Depth:	3.65m
1.7 Summer Freeboard:	2.305m
1.8 Light Draft/Loaded Draft:	1.25mt/1.85mt
1.9 GRT/NRT:	236/71
1.10 Dead Weight (DWT):	

2. CARGO DECK

2.1 Deck Cargo Capacity:	+/- 40 M tons
2.2 Clear Deck Space:	(18.4mx6m)
2.3 Clear Deck Area:	(80m ²)
2.4 Safe Deck Loading:	2.5 Ton ne/m ²
2.5 Cargo Railing Height:	1.118m
2.6 Remark:	Adequate cargo retainer and lashing lugs on both sides for securing deck cargo

3. CLASSIFICATION SOCIETY,SURVEYS AND CERTIFICATES

3.1 Classification Society/ID:	ABS/+A1, HSC
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4. MISCELLANEOUS

4.1 P and I Club Name:	Fitted
4.2 MIB3 Oil Purifier/Separator:	Fitted

5. MACHINERY

5.1 No of Main Engines:	3
5.2 Propulsion:	Triple Screw
5.3 Make/Type:	Cummins KTA38-M2
5.4 Total BHP/KW:	3x1,350BHP@ 1,900 rpm
5.5 Bow Thruster:	1 unit 55HP/700kg
5.6 Propellers:	3 Fixed Pitch, Nickel Aluminum Bronze

6. PERFORMANCE

6.1 Maximum Speed:	24knots @ 100%MCR@31TDWT
6.2 Maximum Fuel Consumption:	420 L/hr
6.3 Economic Speed:	20knots@ 85%MCR @ 31TDWT
6.4 Economic Fuel Consumption:	350 L/hr

7. GENERATING SETS (AUXILIARIES)

7.1 Auxiliaries Engine:	2 x Cummins
7.2 Make/Type:	Cummins 6BT5.9 DM
7.3 Alternators:	2 x 75kW
7.4 Vessel Power Supply:	415/220 Volt AC, 50Hz, 3ph+24 Volt DC

8. ELECTRICAL (DECK OUTLET)

8.1 Type:	3 x Weatherproof Electrical Sockets
8.2 Power Supply:	3 phase / 50Hz / 415V
8.3 Shore Power Connection:	Yes

9. ACCOMMODATIONS

9.1 Cabin/Berths:	4/16
9.2 Hospital/Owners:	2 bunk c/w toilet on main deck
9.3 Seating:	50
9.4 Reclining Aircraft Type:	Economy seats
9.5 Toilets:	2 for passenger use only
9.6 Entertainment:	3 TV/Movie Screen
9.7 Crew Mess:	Fitted
9.8 Dry Store:	Fitted
9.10 Walk-In Freezer and Chiller:	Fitted

10. LIFE SAVING (SOLAS)EQUIPMENTS

10.1 Life Rafts:	100 Persons each side
10.2 Life Jackets:	88
10.3 Life Buoys:	8 on board per SOLAS
10.4 Rescue Zone:	Yes
10.5 Scramble Nets:	2 units
10.6 Other Equipments:	Pyrotechnics, Line throwing apparatus

11. ELECTRONICS AND CONTROL

11.1 GMDSS	1 Set (MCMURDO)
11.2 VHF:	2 Sets (SAILOR)
11.3 SSB RADIO:	1 Set (SAILOR)
11.4 Satellite Telephone/Fax:	Trach phone Mini-M
11.5 Email:	Globe Wireless
11.6 GPS:	1 Set (Furuno, SC-502)
11.7 Depth/Echo Sounder:	1 Set (Skipper Nanjing Marine, ED161)
11.8 Gyro Compass:	1 Set (CASSENS & PLATHS GmbH)
11.9 Magnetic Compass:	1 Set (CASSENS & PLATHS GmbH)
11.10 Autopilot:	1 set SIMRAD AP50
11.11 Navtex:	1 Set (MCMURDO,ICS NAV 5 PLUS)
11.12 Wind Speed Indicator:	RO WIND/RD-30PC-208L
11.13 Public Address/Intercom System:	PHONETECH, CIS 3102
11.14 Search Lights:	KUKDONG – KOREA, PSH – 1K
11.15 EPIRB:	1 set (SATFIND Nat satfind 406II)
11.16 SART:	2 sets (ACR PATHFINDER TM)
11.17 AIS:	SIMRAD, A180

12. TANK CAPACITIES AND PUMPS

12.1 Fresh Water:	20m ³ (approx) @ discharge p/p 2.1m ³ /hr, 22m head
12.2 Fuel Oil:	50m ³ (approx) @ discharge p/p 3m ³ /hr, 15m head
12.3 Lubricating Oil:	1 m ³

13. OIL POLLUTION TANK CAPACITY AND CONTROL

13.1 Sludge Tank:	600ltrs
13.2 Dispersant Tank:	200ltrs

14. GENERAL FEATURES

14.1 Forward and aft Bridge Control (Bridge Maneuvering Stations) Bow thruster control set at both steering stations.

15. EMERGENCY RESPONSE FEATURES

15.1 Fire Fighting:	External Fire monitor driven by 600m ³ Fire pump + 4" Weco connection to platform
15.2 Deck Spray Shield:	Yes
15.3 Oil Dispersant Booms:	Yes
15.4 Inflatable Workboat with 20 HP Outboard motors (Zodiac):	Yes



