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.... your safety, our priority



NIGER DELTA KING MPSV DP2

- **PSV/DSV (ROV)** – MV NIGER DELTA KING
The Niger Delta King is a brand new 2012-built vessel (rebuilt and re-fitted in 2017); a modern and flexible MPSV of a well proven VS470 design, equipped with state-of- the-art facilities, including:

- ❏ 920 sq. m deck space.
- ❏ Accommodation for up to 70 personnel;
- ❏ Excellent office/work station area (10-room offices);
- ❏ Gym;
- ❏ Internet facilities (wireless, multi-user).
- ❏ Engines with high power-generating capability.
- ❏ ROV connections/deployable sockets.
- ❏ 3-ton marine crane on the mezzanine deck.
- ❏ Huge tank capacity.

The vessel is highly versatile and can be deployed for various supply and offshore support activities, including:

- Platform supply;
- Rig/drilling operations support;
- Painting (in any FPSO);
- Accommodation for personnel
- In-Water Survey jobs (biological, etc.);
- Dive support.
- Adaptable for 2 ROV systems.





CABIN INTERIOR



CABIN INTERIOR



CROSS SECTION OF THE MESS



MAIN DECK AREA



CROSS SECTION OF THE OFFICE AREA



CROSS SECTION OF THE HOSPITAL



CROSS SECTION OF THE WHEEL HOUSE



GYM

PSV/DSV (ROV) – MV NIGER DELTA KING (contd.)

GENERAL SPECS:

- Builder: TEMBA Shipyard India
- IMO Number: 9413212
- Official No: SR 1928
- Year: 2012 (Rebuilt 2017)
- Design: VS47 MPSV
- Classification: DNV
- Flag: Nigeria
- Managers: Thome Offshore Mgt.

MAIN DIMENSIONS:

- Length over all: 73.40 m
- Length p.p: 64.00 m
- Breadth mid: 19.20 m
- Depth to first deck: 7.60 m
- Scantling draft: 6.5 m
- Net Tonnage: 1081 NT
- Gross Tonnage: 3601GT

DECK CAPACITIES:

- 1stDeck: 700 Sqm
- Mezzanine deck: 220 Sqm
- Total deck area: 920 Sqm
- Cargo deck length: 44.70 m

DECK CRANE:

- SWL: 3 tonnes @ 2.9m-16m
- Main Crane: TTS Marine ASA Crane 21222
60 tonnes @ 12m to be installed

ACCOMMODATION:

- Manning: 70 Men Cabins

SHIP EQUIPMENT:

- DP SYSTEM: DP-Class 2

FRESH WATER GENERATORS

- One (1) Reverse Osmosis
- Capacity: 25 tonnes/24 hrs.
-

PROPELLERS

- 2x BERG Propulsion HDX 400 D=2900/approx 233 RPM/4 blades
-

THRUSTERS KAWASAKI

Bow Thruster:

- Number of / Type of Tunnel THR: 2/Kawasaki KT-130 B3
- Max.Cont.Load: 800kW
-

Stern Thruster:

- Number of/Type Tunnel THR: 2/Kawasaki KT-88 B3
- Max.Cont.Load: 590 kW
-

STEERING GEAR

- Number of /Type Steering Gear: 2/Rolls-Royce SR 622
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MAIN ENGINE

- Number of/ Type of Engines: 2x Hyundai H825/33P
- Max.Cont.Load/RPM: 2320 BkW-900 rpm
-

MOTOR AGGREGATE

- Two (2) Cummins KTA19D
- 440 ekW each at 1800 rpm.
- Two (2) AVK DAG 86 Shaft generators, 1600 Kw each.



PSV/DSV (ROV)– MV NIGER DELTA KING (contd.)

EMERGENCY GENERATORS

- Number of / Type Engine: 1/6BT5.9-D(M1)
- Max. Cont. Load: 112kW/1800RPM
- Number/Type of Generator: 1/CUM 274D
- Output” 85 kW

PUMP CAPACITY:

- Ballast/Fire Pump: 2x 100m3/h -90mlc
- Emergency Fire Pump: 1x 40m3/h -70mlc
- Fresh Water Pump: 2x 100m3/h - 90mlc
- Fuel Oil Pump: 2x 100m3/h -90mlc
- Liq. Mud Pump: 2x 100m3/h -90mlc
- Base Oil Pump: 1x 90m3/h -90mlc
- Dry Bulk Comp.: 2x 29,1m3/min -60mlc
- Brine Pump: 2x 70m3/h -90mlc
- Brine Pump: 2x 70m3/h -90mlc

CAPACITY OF METHANOL (RHO=0.8)

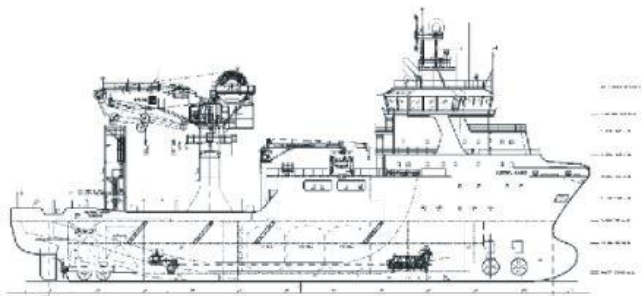
CAPACITY OF DRY BULK						
Dry 321 Dry Bulk	85.1	204.2	37.80	0.00	4.05	62.1
Dry 322 Dry Bulk	85.1	204.2	32.70	0.00	4.05	62.1
Dry 323 Dry Bulk	85.1	204.2	27.60	0.00	4.05	62.1
Dry 324 Dry Bulk	85.1	204.2	22.50	0.00	4.05	62.1
SUBTOTAL	191.1	152.9	9.40	0.00	4.05	248.2

Me711 Methanol tank PS	95.6	76.5	9.39	3.86	5.02	92.7	2000 ab. 1st dk
Me712 Methanol tank SB	95.6	76.5	9.41	3.86	5.02	92.7	2000 ab. 1st dk
SUBTOTAL	191.1	152.9	9.40	0.00	5.05	185.5	

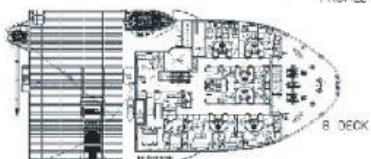
CAPACITY OF MISCELLANEOUS (RHO=1)

SL 203 Waste Oil Sludge	14.5	14.5	47.10	0.00	0.55	66.9	760 ab. 1st dk
FOAM211 Wing Tank	23.9	23.9	50.60	-7.04	6.24	3.7	760 ab 1st dk
SW215 Sewage Tank	24.9	24.9	50.77	-6.33	3.55	8.0	400 ab. Top of funnel
WO201 Waste Oil	5.6	5.6	47.07	-5.21	0.67	6.0	760 ab. 1st dk
OW214 Oily Bilge water	23.2	23.2	50.69	6.38	3.48	7.1	760 ab. 1st dk
SUBTOTAL	92.2	92.2	49.90	-2.24	3.58	91.7	

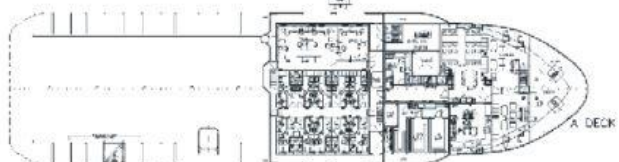




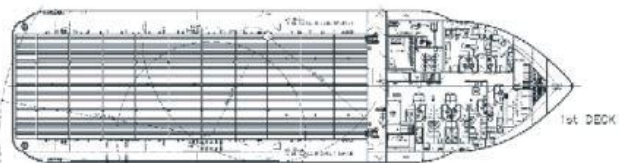
PROFILE



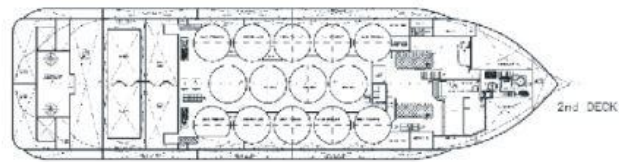
B DECK



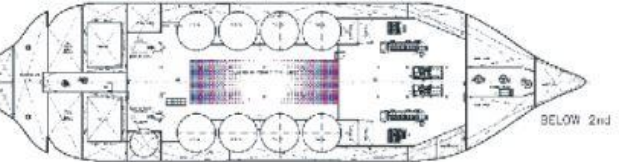
A DECK



1st DECK



2nd DECK



BELOW 2nd DECK



BELOW TANK TOP

PRINCIPAL PARTICULARS

Length Over All: 71.43 m
 Length Between PERP: 64.00 m
 Breadth M.D.: 19.20 m
 Depth M.D. to 1st Deck: 7.00 m
 Draught to Keel: 0.00 m
 Gross Tonnage: 1401 G/T
 Net Tonnage: 201 N/T
 Lightship Weight: 214.8 T tonnes
 Ball Length (L_B): 45.994 m

	DRILLING 2000	DRILLING 1000	DRILLING 5000
T	3010	4770	3160
T	3020	4780	3171
B	1140	4450	3140
B	1290	4310	3087
WPA	1345	4260	2940

MAIN ENGINES:

Number of / Type of Engines: 2x Hyundai H825/33P
 Max.Cont.Load/RPM: 2320 B4W-90 rpm

PROPULSION:

Reduction Gear/ Propeller: MEKANORD Type60/
 2x BERG Propulsion BCP 760-HDX 400
 approx 233 RPM
 Speed:

GENERATORS:

SHAFT GENERATOR SETS

Number/Type: 2/AVK DSG 36 K1-4 W
 Output: 1600 kw /450v/ 60Hz

AUXILIARY GENERATOR SETS:

Number/Type of Engines: 2/ KTA 19-D (M1)
 Max.Cont.Load/RPM: 485 kW/1800 RPM
 Number/Type of Generators: 2/HCM534E
 Output: 440 kW

EMERGENCY GENERATOR:

Number of / Type Engine: 1/6BT5.9-D(M1)
 Max.Cont.Load: 112kW/1800RPM
 Number/Type of Generator: 1/CUM 274D
 Output: 85 kW

THRUSTERS:

Bow Thruster:

Number of / Type of Tunnel THR: 2/Kawasaki KT-130 B3
 Max.Cont.Load: 800kW

Stern Thruster:

Number of Type Tunnel THR: 2/Kawasaki KT-88 B3
 Max.Cont.Load: 590 kW

STEERING GEAR/RUDDERS

Number of /Type Steering Gear: 2/Rolls-Royce SR 622
 Number of /Type of Rudders: 2/ULSTEIN HENZE Flap Rudder
 Type FB-S 1750 (SPADE)

MOORING/ANCHOR SYSTEM:

Tigger: See Deck Equipment
 Capstans: See Deck Equipment
 Mooring: 1 PLIMSOLL WINCH PC-HAM/WDDG-
 42U3 -10/20
 Anchor Chain: 42mte Total Length 522.5m (PS&SB), 1400 kN
 Anchor: 2x 2850kg SPEK Type, Grade K3

DECK CRANE:

Cargo Crane: PLIMSOLL PC-HTC100-031016
 3 tonnes @ 2.9m-16m
 Main Crane: TTS Marine ASA Crane 21222
 60 tonnes @ 12m on request
 ROV: SEPRO Handling Platform HPL 15
 SWL: -15T

MV NIGER DELTA KING

IMO nr: 9413212
 Signal Letters: TBN
 Design: Vs 470 MPSV
 Built: 2012 TEBMA SHIPYARDS LTD
 Owned by: NKRAH INVESTMENT LIMITED
 Home port: LAGOS NIGERIA

PROPELLERS:

2x BERG Propulsion HDX 400 D=2900/approx 233 RPM/4 blades

ACCOMMODATION

Manning: 1 Men Cabins 20x1-20
 2 Men Cabins 25x2-50
 Total: ~ 70

DECK EQUIPMENT

Capstan: 2xPLIMSOLL PC-HVC-08/450S
 Tigger Winches: 2xPLIMSOLL PC-HUW 10UL-OS Pull: 10t
 Deck Sockets: 16xSWL 20t SEE ON 3703-315-001
 Pad Eyes: 4x 12t SEE ON 3703-315-001
 Rollers Fairleads: 2x 20t 200 NS 258S
 SEE ON 3703-315-001
 Rollers: 6x 20t 300 NS 258S
 Casing Stanchion: 8x 10t SEE ON 3703-315-001

LIFESAVING AND RESCUE EQUIPMENT

MOB-boat: 1x NORSAFE Mako 655 Diesel jet
 for 6 pers. Approx 25 knots
 Davit: 1x NDA Rescue Boat Davit 2500 KG
 Life raft: 6x 35 persons VIKING

PUMP CAPACITIES

Ballast Fire Pump: 2x 100m³/h -90mhc
 Emergency Fire Pump: 1x 40m³/h -70mhc
 Fresh Water Pump: 2x 100m³/h -90mhc
 Fuel Oil Pump: 2x 100m³/h -90mhc
 Lig. Mud Pump: 2x 100m³/h -90mhc
 Base Oil Pump: 1x 90m³/h -90mhc
 Dey Bulk Comp.: 2x 29.1m³/min -60mhc
 Brine Pump: 2x 70m³/h -90mhc
 Brine Pump: 2x 70m³/h -90mhc

CARGO DECK

Length: 44.70m
 Breadth: 13.3m
 Area 1st deck (wooden deck): 594.5m²
 Deck Load: 5.0 T/m²

MAX. DECK LOAD

CoG - 1m Above 1st Deck: 1100 T



Rc. 320386