



DB DOLPHIN

DERRICK / PIPE LAY /HOOK-UP /ACCOMMODATION BARGE

Registration

Description	Derrick / Pipe lay /Hook-Up / Accommodation Barge
Hull No.	2294
Year of Built	1971
Builder	Jeff boat LCC, Jeffersonville
Place of Built	USA
Rebuilt	Accommodation New Structure Build and Delivered.2011
Flag	Nigeria
Port of Registry	Lagos
Operator	Damas
Call Sign	J8J19
Class	ABS
IMO No.	8757817

Principals

Gross Tonnage	2657.00 Tons
Net Tonnage	797.00 Tons
LBP	76.2 M
Molded Length	76.2 M
Molded Breadth	24.4 M
Molded Depth	4.877 M
Molded Draught	2.98 M
Summer Draught	2.97 M
Light Draft	2.8 M

Hull & Structure

Deck Loading Clear Deck Area	10Ton /Sqm 500 Sqm
------------------------------	-----------------------

Crane

Make / Model	CLYDE / (37-DE)
Serial Number	CW-3936
SWL (Radius 21 M)	350 Tons Over Stem Position 250 Tons Revolving
Maximum Height	210 Feet 64 M
Main Block capacity	350 SWL
AUX Block.	80 Tons SWL
Web Block Capacity	30 Tons SWL

Crane Crawler

Make	Link Belt
Model No.	LS418
Boom Length and type	130' Lattice Boom
Design Load Capacity	110 Tons

Pumps & Compressors

Pumps	2 x Ballast Pumps 2 x Sewage Pumps 1 x Blige Pumps 1 x Fresh Water Pump 1 x Jet Pump 2 x Standby Pumps General Service 2 x Fire Pumps
Cooling Pump	2 x Cooling Pump 2 x Sanitary Pump
Compressors	1 x 750 CFM Ingersoll Rand 1 x 850 CFM Leroy

8 Mooring Gear

Anchor Lines	8 x 10 Ton Danforth Delta Flipper Anchors
Anchor Racks	Heavy Duty Hull Mounted
Anchor winches	2 x Triple Drum Clyde Iron Works Model # AD-150 1 x Double Drum American HOIST
Single Drum Performance	Stall 200,000 Lbs. @ 0 FPM
Load Cell	Mounted 8 x Rob way Load / Tension Cell: Line Pull 24 Ton



DB DOLPHIN DERRICK / PIPE LAY /HOOK-UP /ACCOMMODATION BARGE

Electric Power

Total Power 2350KVA

Generators

Below Deck 3 X Caterpillar D-3408TA, 450VAC, 60 Hz, 3Phase, 1800RPM, 350KW, 438KVA

C/W Central Control Panel. Fitted with Synchronize Units, Meters, Main Electro Switch Breakers and Emergency Shut Down System

Above Deck 2 X Caterpillar C-15, 450VAC, 60 Hz, 3Phase, 1800RPM, 500KVA

C/W Integrated Woodward Electrical and Governor Control Panel. For Emergency Power Supply for The Entire Barge Including Pipe Lay Equipment

SOPEP

SOPEP Complete SOPEP Store Equipped with Brooms
Empty Drums
Oil Absorbent Pads
OSD
Rags
Sand & Sand Buckets
Sawdust
Shovels

Control Tower

Type Panoramic 6 X 6M
Equipment Service Room (Separate Room)
2 x Tower Operators Stations
1 x Tension Machine
1 x (Wes-Tec) A & R Winch Station
29.25 Ton
1 x (Wes-Tec Tension Machine) Rated
29.5Ton
1 x Survey Station
CCTV System
Masons wet and dry Hydro Meter
Clinometer
SSAS: DSAS Polestar
Helicopter locator Transmitter SA-25
Icom Air Band Walkie Talkie IC-A24

Facilities

Fully Air Conditioned
Toilet
Coffee Table
Fridge Sand
Sand Buckets
Sawdust
Shovels

Communication

Dedicated Radio Room Under Control Tower
Paging System, PHONTECH CIS-3102
G.P.S Navigator, Kodan kgp-913
Wind Speed Indicator
IC-M710 #22 Transceiver C/W Standard Accessories
Sailor VHF P/No RT2048
SSB Trans Receiver HFN2161
SSB Control Unit Coupler P/No RT2100
VSAT Satellite Intellian V110
Avaya PBAX System with No.10 Extension
Satellite & Thuraya System
Satellite & Thuraya System
2 sets
2 sets
Covering all department and rooms



DB DOLPHIN

DERRICK / PIPE LAY /HOOK-UP /ACCOMMODATION BARGE

Helideck

Overall Dimension	17m Length x 17m Width
Design/ Marking	CAP 437, 2008, also meets the requirements of ABS, API 2L & ICAO
Heli Deck Height	16.53m Low Tide 20.53 High Tide
Helicopters Weight	Sikorsky S-92 & similar Sikorsky S-61 & similar
Size	Including Super Puma Bell Etc. Main Structure & Safety Nets
Outfitting	Helideck, PFB37001 RSL 220V 50/60Hz 2 Units Flashing Beacon Red ABS Approved Type PFB37001 R1/200 VAC Intensity 2000, 67watts Dimension 15"X15"X12" High 4 Points Spotlight PSF53005 -2,220 50/60HZ 23 Units Stair Landings on Helideck Landing Area Bow and Stern Drain Lines Storm Water Outboard Line Hazard Liquid Drain Tank
Fire Fighting Lines	2 X 14" DIA Foam Applicators 6 X 12" DIA Fire Hoses Via Hydrant Lines
Equipment	23 X 45 Kg Fixed Fire System Cylinders Activated By 6 Pilot Cylinders. Model (Cardox) 9 X Foam Type Extinguishers 58 X Dry Powder Type Extinguishers 13 X Fire Hoses 24 X Fixed Carbon Dioxide Systems 1 X Fire Blanket 2 X Fire Axes 2 X Complete Fireman's Outfit 2 X Complete Crash Box

Construction Equipment

Welding Machines	13 x 602 Amps Miller Electric 2 x 400 Amps Lincoln Diesel
Gouging Machine	3 x 575Amps SAE Lincoln Diesel
Miscellaneous	Fitter Tool boxes Welder Tool Boxes Survey Tools Rigging Hardware's Blasting Tools Painting Rigs Special Tools Mechanical Tools Electrical Tools Instrument Tools Flushing & Hydrotest Equipment

Pipelay Equipment

Make	Wes-tech, USA
Equipment	Complete Pipe Lay Equipment Suitable for Concrete or FBE Coated Pipes Up To 36" Diameter Installed March 2010
Including	3 x welding Stations 1 x (X-Ray) Station 1 x Dope station Variable Height Fixed 29.25 Ton Hydraulic Tensioner Beveling Racks with Pipe Facing Machine, Transverse & Longitudinal Conveyors Abandonment & Recovery Winch 29.25 Ton, 305m long line Stinger 24M New Stinger built (2010) Stinger Hinge assembly with full hull reinforcing Auxiliaries including interconnecting Piping, service stations, welding machines, Monorails, internal line clamps, etc.

DB DOLPHIN

DERRICK / PIPE LAY /HOOK-UP /ACCOMMODATION BARGE

Safety Equipment

Life Rafts	14 x life Raft x 25 Persons each complete with lights and whistles
Life Jackets	190 x jackets in Rooms 30 spares Jackets
Work Vests	120 x Life Vests
Life Buoys	20 x life Buoys

Zodiac

Make	1 x zodiac MK 2HD
Engine	Yanmar Diesel engine 36 HP Yamaha Petrol Engine 25 HP
Capacity	15 persons

Smoke and Fire Detector

location	Covering Accommodations and Engine & Pump Derrick Machinery Rooms & Stores
----------	--

Make	ZIRCON
------	--------

Fire Alarm

Location	Accommodations and Engine & Derrick Machinery Rooms Fully outfitted and operated by main & emergency power sources
----------	---

Outfits	2 x Complete Fireman's Outfits, C/W Breathing apparatus and spare cylinders
---------	---

Tank Capacities

Fresh Water	2,070 Ton
Portable water	540 Ton
Ballast Water	1,876 Ton
Diesel Fuel Oil	600 Ton
Dirty Oil	58 Ton

Accommodation

Built	2011
Capacity	1 Man Room = 2 Nos (Superintendent) 2 Man Room = 5 Nos 4 Man Room = 11 Nos 6 Man Room = 19 Nos 8 Man Room = 2 Nos

Facilities

Offices	10 X Office Spaces 1, 2 & 3 Person / Offices
Hospital	Fully Equipped C/W Separate Accommodation for Doctor Paramedic
Prayer Room Change Room	1 St Level Office Floor Main Deck Floor
Tea Shop Workshop	Main Deck Floor

Diesel Purifier-1

Make	West Falia GNBH GEA (OCT2-02-137)
Capacity	Solids-2KG/DM3 - Heavy Liq 1KG/DM3

Oily Water Separator

Make	Victor Marine LTD CS (MEPC107)
Capacity	1m ³ /Hr.
Galley	Fully Equipped Galley with New Installed Facilities (March, 2009)
Sewage Plant Treatment Plant	Science Model-Fast D7v 36000 LPD New Installed (February, 2010) Sewage

Workshop	1 ea Milling Machine Combination (16' x 54') 1 X Fixed Drill 2 X Magnetic Drills 1 X Fixed Grinder
----------	---

Toilet Facility	11 Toilets 12 Showers 3 Urinaries in Below Deck Laundry Room Fridge & Deep Freezers
-----------------	---

Other Facilities

	2 X Central Water Heating System
--	----------------------------------

Entertainment

Mess Hall (Junior)	2 x Carrier Units 2 x Compressors
--------------------	--------------------------------------

Mess Hall (Senior)	Conference Room A/C – Split Window Units Recreation Room Open Recreation Area
--------------------	---

Other Facility	TV Mega Screen, DVD Marine Type Satellite Receivers at B- & A-Deck Accommodations Recreation Room & Open Recreation Area
----------------	---

AIR VENT PIPE

SAL. NO.	SYSTEM	SIZE OF PIPE	FRAME NO.	LOCATION	HEIGHT FROM DECK	REMARK
AW1	4" DIA. (P)	8' x 12' THK	FR 3-3	MR. EDEK	76'	REF. COB. #PCCD 1/5
AW2	4" DIA. (P)	8' x 12' THK	FR 10-10	MR. EDEK	76'	REF. COB. #PCCD 1/5
AW3	4" DIA. (P)	5' x 8' THK	FR 10-17	MR. EDEK	76'	REF. COB. #PCCD 1/5
AW4	4" DIA. (P)	8' x 12' THK	FR 17-23	MR. EDEK	76'	REF. COB. #PCCD 1/5
AW5	4" DIA. (P)	5' x 8' THK	FR 17-23	MR. EDEK	76'	REF. COB. #PCCD 1/5
AW6	4" DIA. (P)	5' x 8' THK	FR 21-27/28	MR. EDEK	76'	REF. COB. #PCCD 1/5
AW7	4" DIA. (P)	4' x 6' THK	FR 24-28	MR. EDEK	76'	REF. COB. #PCCD 1/5
AW8	4" DIA. (P)	4' x 6' THK	FR 25-28	MR. EDEK	76'	REF. COB. #PCCD 1/5
AW9	4" DIA. (P)	4' x 6' THK	FR 27/28/29	MR. EDEK	76'	REF. COB. #PCCD 1/5
AW10	4" DIA. (P)	4' x 6' THK	FR 28-33	MR. EDEK	76'	REF. COB. #PCCD 1/5
AW11	4" DIA. (P)	8' x 12' THK	FR 31-33	MR. EDEK	76'	REF. COB. #PCCD 1/5
AW12	4" DIA. (P)	4' x 6' THK	FR 34-35	MR. EDEK	76'	REF. COB. #PCCD 1/5
AW13	4" DIA. (P)	8' x 12' THK	FR 35-39	MR. EDEK	76'	REF. COB. #PCCD 1/5
AW14	4" DIA. (P)	5' x 8' THK	FR 39-41	MR. EDEK	76'	REF. COB. #PCCD 1/5
AW15	4" DIA. (P)	4' x 6' THK	FR 41-42	MR. EDEK	76'	REF. COB. #PCCD 1/5
AW16	4" DIA. (P)	4' x 6' THK	FR 42-43	MR. EDEK	76'	REF. COB. #PCCD 1/5
AW17	4" DIA. (P)	5' x 8' THK	FR 43-47	MR. EDEK	76'	REF. COB. #PCCD 1/5
AW18	4" DIA. (P)	4' x 6' THK	FR 47-49	MR. EDEK	76'	REF. COB. #PCCD 1/5
AW19	4" DIA. (P)	8' x 12' THK	FR 49-51	MR. EDEK	76'	REF. COB. #PCCD 1/5
AW20	4" DIA. (P)	5' x 8' THK	FR 51-52	MR. EDEK	76'	REF. COB. #PCCD 1/5
AW21	4" DIA. (P)	5' x 8' THK	FR 52-53	MR. EDEK	76'	REF. COB. #PCCD 1/5
AW22	4" DIA. (P)	8' x 12' THK	FR 53-55	MR. EDEK	76'	REF. COB. #PCCD 1/5
AW23	4" DIA. (P)	8' x 12' THK	FR 55-57	MR. EDEK	76'	REF. COB. #PCCD 1/5
AW24	4" DIA. (P)	8' x 12' THK	FR 57-59	MR. EDEK	76'	REF. COB. #PCCD 1/5

MAIN PARTICULARS
 LENGTH (LOA) : 76.20m
 BREADTH : 24.38m
 DEPTH : 4.07m
 DRAFT : 2.08m

NOTES:
 1. ALL VENT PIPES TO BE INSTALLED WITH SCREENS AS PER APPROVED COB. #PCCD 1/5.
 2. ALL VENT PIPES TO BE INSTALLED WITH SCREENS AS PER APPROVED COB. #PCCD 1/5.
 3. SCREENS TO BE INSTALLED WITH SCREENS AS PER APPROVED COB. #PCCD 1/5.
 4. SCREENS TO BE INSTALLED WITH SCREENS AS PER APPROVED COB. #PCCD 1/5.
 5. ALL VENT PIPES TO BE INSTALLED WITH SCREENS AS PER APPROVED COB. #PCCD 1/5.
 6. ALL VENT PIPES TO BE INSTALLED WITH SCREENS AS PER APPROVED COB. #PCCD 1/5.

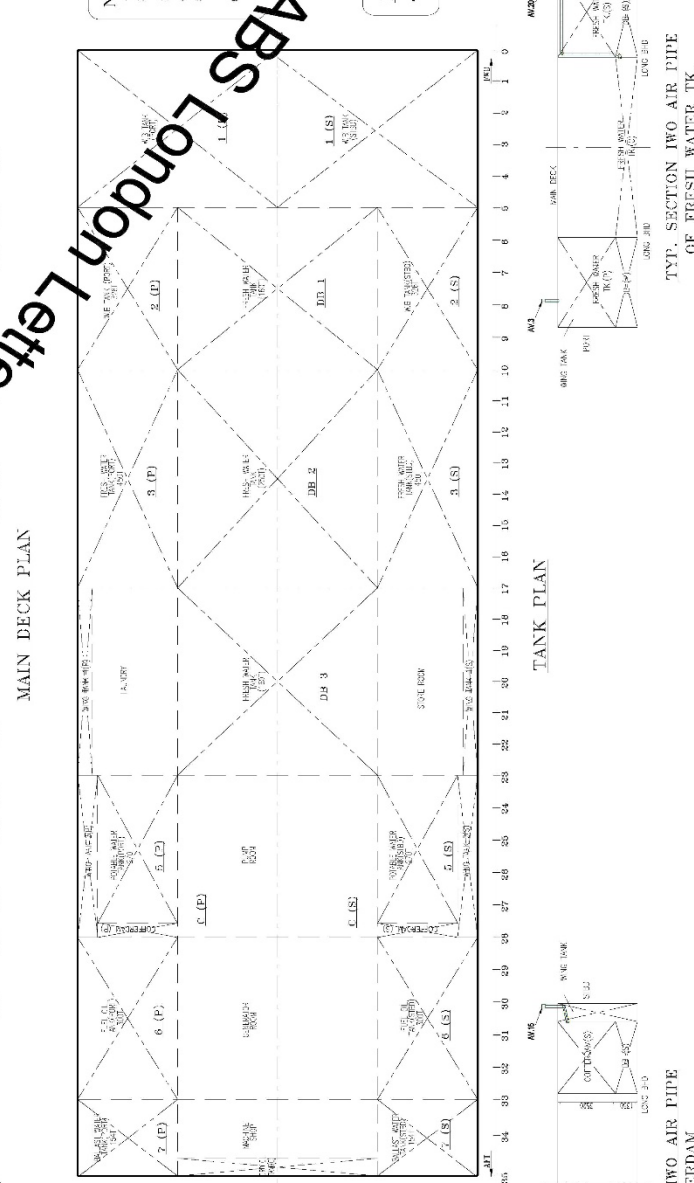
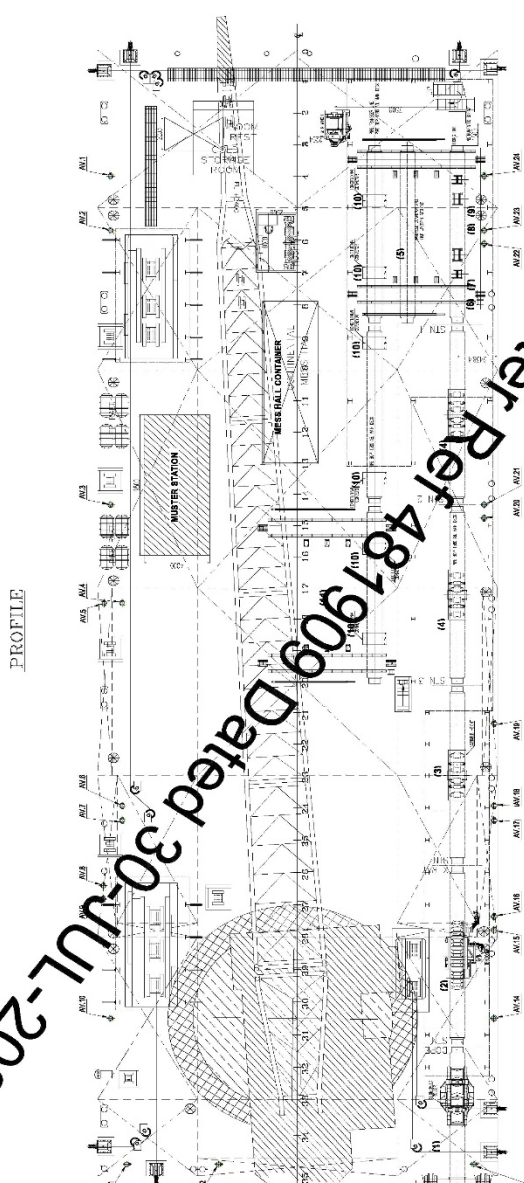
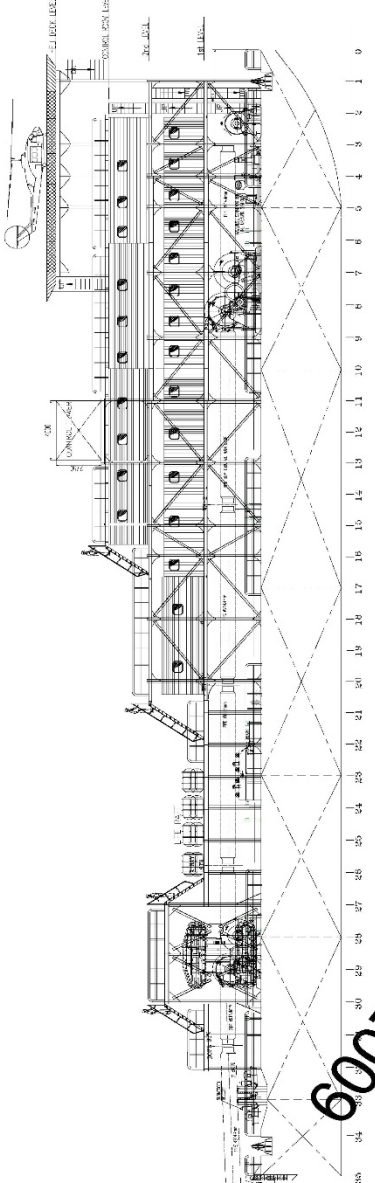
DB DOLPHIN

NO.	N. A. L. SIZE	NO.	NO.
1	1/2"	1	1
2	1/2"	1	1

REVISIONS

NO.	DATE	DESCRIPTION
1	10/02/08	ISSUED FOR CONSTRUCTION

ARIAS MARINE & ENGG. SERVICES
 100, MARINE DRIVE, SINGAPORE 089110
 TEL: 65-6339-8888 FAX: 65-6339-8889
 WWW.ARIASMARINE.COM

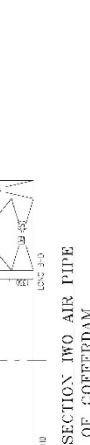
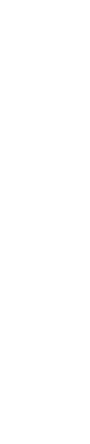


APPROVED
 This approval covers only ABS requirements and does not include items not required by ABS. See comments in ABS letter.

ABS
 AMERICAN BUREAU OF SHIPPING

Vent pipes from fuel-oil tanks are to be fitted with metallic corrosion resistant flame screens. Ref. ABS Barre Rules 4.1.2/5.1.

6002-700-2009 Dated 30-Jul-2009



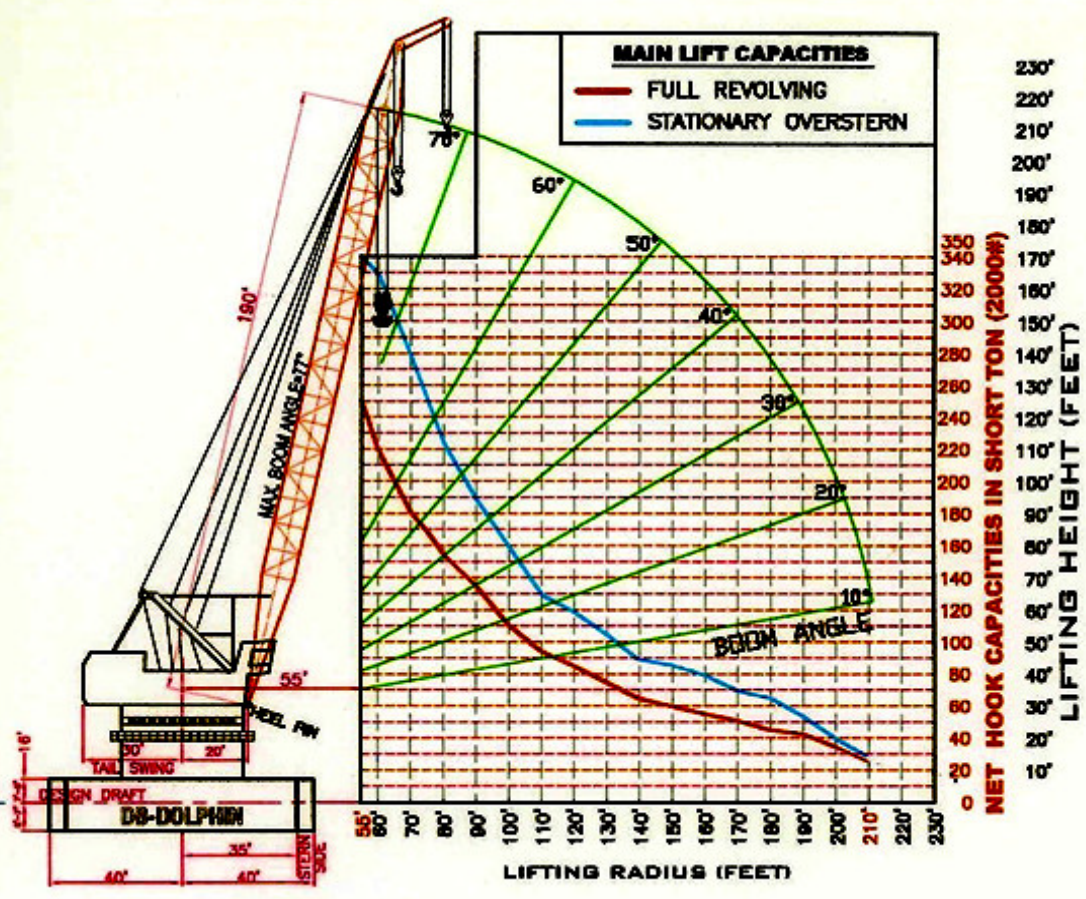
AIR VENT PIPING DETAILS

TYP. SECTION IWO AIR PIPE OF FRESH WATER TK.

TYP. SECTION IWO AIR PIPE OF COFFERDAM.



DB DOLPHIN DERRICK / PIPE LAY / HOOK-UP / ACCOMMODATION BARGE



DB DOLPHIN

DERRICK / PIPE LAY / HOOK-UP / ACCOMMODATION BARGE



Damas Oil & Marine Services Limited

IMO (ISM) Code Compliant

Km 17, PH/Aba Expressway, Port Harcourt, Rivers State - Nigeria

Tel No.: +2347064070853 & +2347064070854

FAX: +2347064070856

Website: www.damasgroupe.com

E-mail: info@damasgroupe.com