



Ref dn1098

Accommodation work barge with crane

Built	1992
GRT / NRT	1555 / 467
Length Overall	67.30 Meters
Breadth Moulded	19.51 Meters
Depth	4.27 Meters
Draught Max.	3.344 Meters (Before Upgradation) Being recalculated based on incling test carried out in attendance of IRS class on 17.11.04
Draught Min.	1.587 Meters (Before Upgradation) Being recalculated based on incling test carried out in attendance of IRS class on 17.11.04
Deadweight	1419.6 Tonnes at level trim (Before Upgradation) Being recalculated based on incling test carried out in attendance of IRS class on 17.11.04
Fuel Capacity	Upto 360 Cu. Mtrs
Fresh Water Capacity	Upto 1440 Cu. Mtrs
Helideck and Fire Monitor Platform	Bell 212 compatibility with required oilfield safety standards.
Clear Deck Area	600 Sq. Mtr approx.
Deck Strength	10 T / Sq. Mtrs.
Gangway	18 Mtrs as per Offshore Requirement
Man Transfer Basket	4 Passenger carrying capacity, Make Apollo, USA. AMHOIST (Engine Driven) Model – AM 77, Self Contained, Double Drum , Type – Waterfall , Sr. No. 8004 C/W. Design Capacity + 70 Tons at first layer, Engine Make : Detriot Diesel , Series –40 Model : 10225D, L.B.F.T. TRQ/RPM:670 / 1600 , BHP/RPM ,ADY BHP/RPM: 225/2200.
Winch No 1: Stbd Forward	SKAGIT (Engine Driven) Model - G – 160, Double Drum, Type – Waterfall. Design Capacity + 70 Tons Engine Make: GM , Model 8V71 , Non Turbo air cooled Engine.
Winch No 2 :Aft mid ship Winch No:3 : Aft Port.	SKAGIT (Engine Driven) Double Drum , Type - water Fall, Capacity : 113 Ton , Engine : make : GM , Model : 8V71 non turbo air cooled engine.
Winch No:4 : Port forward	
Mooring Arrangement	8 Point mooring with central control and CCTV arrangement
Fair Leads	32 mm – 4 Nos ,
Anchor Buoy	8 Nos
Anchor Wire	38 mm Dia X 900 M - 4 Nos. 32 mm Dia X 800 M - 4 Nos
Pendant Wire with thimble	32 mm X 120 Mtrs - 8 Nos
Anchor	4 Ton Denforth - 3 Nos.



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9 Ton Denfor th - 1 Nos.

7.5 Ton Stevins – 2 Nos

CCTV –1 set

Camera with with automatic humidity control-7Nos
For mooring winches – 4 Nos , For mess room –
1No., For ganway platform –1 No, For main Deck –
1 No. 14” digital colour monitor – 5 Nos.

FW Hydrophore Tank with P/P – 2 Nos , Make:
Calpeda ,Capacity : 220 LPM , Motor Model :
NM20/ 160 AE , 415 V , 50 Hz , 3 Phase , 1.5 HP.

SW Hydrophore Tank with P/P – 2 Nos , Make:
Calpeda , , 200 LPM , Motor , Model : MXH 404 AE ,
415 V , 50 Hz , 3 Phase , 1 HP.

Fire and GS Pump - 2 Nos, Make: Calpeda ,
Capacity : 30 cum / hr at 38m head. , Motor Model :
NMP65/16AE , 415 V , 50 Hz, 3 Phase , 15 HP.

Ballast Pump - 1 No., Make: Calpeda , 50 cum/ hr
at 38 m head , Motor : Model : NMP65/16AE , , 415
V , 50 Hz, 3 Phase , 15 HP.

PORTABLE PUMP :

Bilge pump : 2 Nos

Wilden Pump - 1 No ,

Fuel Transfer Pump - 1 No, Make: Crompton
Greaves , 415 V , 3 Phase , 50 Hz , 5 HP with
hoses &

accessories.

Motor Starting / Control Panel : -

11KW Star-Delta starter (Manual Start / Stop) - 3
Nos

1.5 KW D.O.L. starter – 2 Nos.

1.5 KW D.O.L starter with auto cut in / out for
domestic pump – 4 Nos.

D.O.L. starter with forward & reverse control for
vent fans – 2 Nos

Sewage Treatment Plant

Aquachem Enviro Engineering Pvt. Ltd, Biological
Sewage Treatment Plant Capacity - 10 m³/ hr

Sludge Discharge

Sludge pump – 1 No , Make : Pentax Type: CM-50-
200B Capacity: 400/1200 litres /min , 2900 RPM

A) Miller SRH 444 DC welder 50 cycle complete
with remote current control – 1 No S/Nos.:HK
280884

Welding & Gas Cutting Set

B) Ador Arc Welding m/c- 1 No, Input 415V , 50 Hz,
80 A(Max) , utput 500 A

C) LINCOLN Welding m/c (Engine Driven) – 1 No

D) Oxy -Acetylene Gas cutting set – 1 No. bottles
oxyegen & 6 bottles acetylene)

Switch Board

1 unit Main Control Panel Power supply: 415, 220
and 110 V at 50 Hz

Crane

Favco STD 2700 (Australia with 46.9 mtr boom ,
SWL : 72 T , Tested Load : 90 T



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Main Generator – 3 Nos	250 KVA , Kirloskar Marine , Engine : Make : Kirloskar , Model : 6SL8800TA , 309 BHP @1500 RPM, Alternator : Make: Kirloskar Green ,415V ,50 Hz . 348 Amp, 0.8 PF , 250 KVA , 1500 rpm
Emergency Generator – 2 No	160 KVA ,Make: Kirloskar , Engine: Model : 6SL9088TA, 198 BHP @1500 RPM, Alternator : Make: Kirloskar Green , 415 V , 50 Hz, 222 Amp , 0.8 PF , 160 KVA, 1500 rpm
Lighting generator- 1 No	15 KVA Make: Prakash, 1500 RPM , 3 phase , 415 Volts, 50 Hz
Switch Board	A) 415 V , 50 Hz main sycronisation panel with bus coupler system for main generators , emergency gen. & shore supply. – 1 No B) 415 V, 50 Hz , 300 Amp panel for 160 KVA Generator (Emergency)- 1 No. C) 220 V , 50 Hz panel for lighting load. D) D.O.L. starters –8 Nos for pumps & ventilation systems. Make : Ingersoll Rand , Model: L50ASE ,Capacity 204 CFM at 100 psi, Motor : Make: SIEMENS Model : 1LAO –4YA 70-Z ,415V, 50Hz , 3 Phase , 50 HP.
Air Compressor – 1 No	
SSB- 1 No	ICOM , Model No. ICM PROVO 700
VHF, Marine Type- 3 Nos	ICOM - , Model ICA– 59
Aero VHF – 1 No	ICOM , Model No. ICA 200 License being obtained.
Hand Held Radio – 2 Nos	2 Nos Make : ICOM , Model : ICMIV
NAVTEX - 1 No	
GPS - 1 No.	
MINI SAT 'M' – 1 Unit	TT - 3064 A Capsat Maritime Telephone Complete System Comprises :- A) Transceiver unit with Handset and Cradle – 1 No B) Stabilized Antenna - 1 No C) Opt 942 Antenna Cable -10 meter TNC/TNC Above Inmarsat mini - M -system include as standard data and a fax – 1 No D) 2 - wire phone interface. (A4 Plain Paper) FM66, E) Power Converter for Mini SAT- 1 set F) E- mail Installation Material : 1 x Aluminum Pole Hose clip and Cable Ties Scanner/Printer/ Photo Copy (Brother



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EPIRB – 1 No	KANNAD 406WH Satellite EPIRB COSPAS/SARSAT system , transmission on 406 MHz with homing on 121.5 MHz, with HRU. Make : AHUJA , Model : SSA160M with 7 nos of speakers & one microphone.
PA System – 1 No	Make: MATRIX , 24 way
Intercom – 1 No	Camera with with automatic humidity control.
CCTV –1 set	Monitor for camera focused to 4 nos. of mooring winches and for accommodation.
Central control Panel for 4 winches	
Radion Room	With all communication equipments as mentioned in section for Communication Equipments.
Fire and Smoke Dector Panel - 2 nos.	
Desktop Computer -	Comprising :-Intel Pentium IV ,CD Rom Drive , 40 GB Hard Disk , 1.44 MB Floppy Drive , 15" Colour Monitor , Keyboard, mouse and loaded with MS Window XP Professional MS Office
Life raft	25 men Inflatable Life raft complete with GRP Container
Life Buoy	DY 55552.5 ,Buoy with heaving line – 4 Nos
QD2S-2 , Buoy with S.I. Light, – 2 nos	
DY 5555-4 4.3, Bouy with smoke & light signal (Make: Light & Smoke signal	Make: Pains Wessex, – 2 nos Adult Foam Life Jacket with water- activated light – 250
Life Jacket	Make: Pains Wessex –12 Nos in water tight container,
Parachute Flares	1 Set , Make: Pains Wessex.- 1 Set , valid upto :
Line Throwing Apparatus	First Aid Kit - 2 nos
First Aid Kit	Zodiac Ribo 420 Sling (4.20 M) Semi Rigid to Solas
Rescue Boat (With Cradle)	
Fire Man Suit	Solas Fireman Suit w/CCS Certificate , Size 10 consist
Fire Extinguisher	Mechanical Foam Type : 9 Ltrs - 3 nos Dry Chemical Powder :50 Ltrs - 3 nos Dry Chemical Powder : 10 Ltrs - 3 nos Co2 Type : 6.5 kgs - 1 no Water / CO2 Type : 9 Ltr - 2 nos
Fire Blanket	02 no
Fire Hose	65 mm x 30 mtr - 4 nos
Male Connector	2 ½" Male Connector - 1 no



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Air Breathing Apparatus	Air Breathing Apparatus Set, RHZK6/30 (w/Ship
Sand Box with scoop	01 no.
Smoke Detector Unit	One No. Ionosation Smoke Detector – 45 nos of
Heat Detector	03 nos
Manual Call Point	10 nos.
Electronic Hooter with acknowledge box	07 nos
Remote Response Indicator	08 nos
5 zone main fire alarm panel	01 no
End of Line Resistor	05 nos
2 C x 1.5 sq.mm PVC Armoured cable	600 mtrs
Fireman Axe	Insulated Handle Fireman Axe (20,000 volts) -
Leather Belt & Pouch	Leather Belt & Pouch for F/Fireman Axe - 1 no
D-cell Flashlight	2317 2 D-cell Ex- Proof Flashlight (Black Color)
Hemp Covered Wire	11 mm Dia x 40 m Hemp Covered Wire Lifeline
Wooden Fireman Axe	Long Wooden Handle Fireman Axe -1 no
Red Fire Plan Container	Red Fire Plan Container, 900 x 100 mm . Complete with bracket -1 no
Fire water Nozzle	65 mm , Fire spray Jet Nozzle - 10 nos
Fire Hydrant Valve	65 mm , Fire Hydrant Valve 90 Degree- - 08 nos
Recreation & Facilities	Round Tables -2 Nos Foam Chairs -12 Nos Plain Chairs -10 Nos Sofa -4 Nos TV -5nos. Philips Music System(_Philips)-2 Nos. DVD Player -2 Nos. VCD Palyer -3 Nos MP3 Player -3 Nos. Officer recreation room – 24 persons capacity . Crew recreation room : 200 persons capacity.
Galley Equipments	National microwave oven - 01 No. Electric Cooking Range Make: AROX Singapore, Model SEO - 4E , Volt: 440 V , 3 phase, 50 Hz -3 Nos. Electric Cooking range – Make : MARINO , 415 V , 3 Pahse , 50 Hz – 01 No. Cold drinking water fountain (F/st)- Make : AROX , Model : ADF622C, Volt : 220 V ,50 Hz – 4 Nos. Single Door Refrigerator , make : AROX Model : AR -112 , volt 220 , 50 Hz - 3 nos Double door Refrigerator, Make: AROX Model : AR 3326, Volt 220,50 60 Hz - 3 Nos. Double door Refrigerator , Make: AROX Model : AR 228, Volt 230 V ,50 Hz - 2 Nos Ice Cube Maker , Make : DAIWA,Model 45LMT1,Volt 230 V ,50 Hz – 1 No.



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Juice Dispenser (Twin Tank) , Make: AROX ,
Model : N34/2, Volt 230,50 Hz – 1 No.

Hot Water Kettle , Make: AROX , Model U20, 20
ltrs , Volt 230, 50Hz - 2 Nos

Electric Toaster, Make : PHILIPS
,Model:HD4854A,Volt 230, 50 Hz – 4 Nos

Electric Kettle, Make : TOYOMI, 1.7 Ltr, Volt 230 ,
50 Hz - 1 No.

Stainless Steel double Bowl Sink waste Disposer ,
Model : 275 , Size : Dia 210 x H320mm.

Universal Mixer -, Make: AROX, Model 310-G, Volt
230,50Hz – 1No.

Rice Cooker , Make: CRAWN, Model ER50A , Volt
230 , 50Hz , CAP 10 LTRS – 1 No.

Heavy Duty Atta maker : , Make: GE , 415 V , 50
Hz , 3 Phase- 1 no.

Heavy Duty wet grinder , make: GE , 415 V , 50 Hz
– 1 No.

Deep Fry Pan , Make: MBM, 40 Ltr , 415 V , 50 Hz
, 3 phase – 1 no.

Dry Store

Below main deck – 01 No

Provision Store

1 No.

Deep freezer / Refrigeration

3 Nos containers fitted with BITZER –VI

Laundry

Washing M/C with dryer – 4 Nos , Model :
MET1041 ZAS, 10.1 Kg Capacity each. Winch
control Room : 01 No Radio Room : 01 No Barge
Office : 01 No. Ship office: 01 No

Medical Room - 1 No.

On Main Deck with 2 beds and attached toilet.

Towing Pad Eyes

2 nos.

Towing Chain, 3 mtrs

2 nos

Wire bridle, 55 mm dia of 30 ft
length each

2 nos.

Moneky face plate of 55 T
capacity

1 no.

Recovery line of 32 mm dia

1 no.

Bridle Wire

44 mm X 15 mtrs -2 Nos

Pendant Wire

42 mm X 20 m - 01 No

42 mm X 15 m – 01 No

Chaffing Chain

52 mm X 4 Mtr - 2 Nos

Delta Plate

52 mm - 1 No.

Bolt & Nut Socket

35 Ton Bolt & Nut Socket -9 Nos

Navigation Light

Red, Green, White With 6V Battery - 3 Pcs

P.P. Rope

8" X 50 Mtr - 1 Pcs

Emergency Towing Wire

44 mm X 30 Mt – 1 No

Following Modification Being Done:-

- Container Office On Port Side- Removed All Table And Chairs.



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- Flooring Re-Done With Carpets
- Walls Been Redone With New Sermaica
- Toilet And Wash Basin In Client -2 Cabin Removed And Toilet Been Made To Store Room
- All Electrical Fitting Are Removed From Both Client -1 And Clinet -2 Cabins.
- New Electrical Fitting Done.
- 12 Men Cabin Made Into Conference Room, With One 12 Men Conference Table And 68"Plasma T.V.
- 02 Deck All Cabins Are Having Carpets.
- 02 Deck Apart From 4 Men Cabins Rest All Cabins Are Haviing 26"Flat Screen T.V.
- Master And Client -1 & 2 Cabin With Carpet And 26"Flat Screen T.V.
- Tag Welding Of Base For Arms On The Helideck Where The Accommodation Is Not There.





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