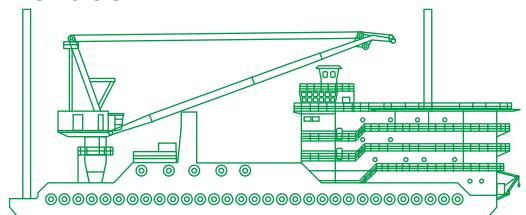




## Millennium-1

### 8 Point mooring non-propelled accommodation work barge

At 65 m in length, and with a deck area of over 730 m<sup>2</sup>, this modern work barge can accommodate 142 people in comfort and safety, and includes a fully equipped mess room, workshop facilities, medical facilities, and a helideck.



## Registration

Year of build	2002
Builder	Dubai Shipbuilding & Engineering LLC
Port of registry	Dubai
Flag	UAE
BV register number	02178U
Call sign	A6E2903
Official number	4840
Class	Bureau Veritas
Owner	Mubarak Marine LLC

## Dimensions

Length overall	65 m
Breadth moulded	20 m
Depth moulded	6 m
Max loaded draft	4.2 m
Loaded freeboard	1.4 m

## Machinery/propulsion

Main generator	4x SCANIA 390 kW auto-synchronized
Emergency generator	1x SISU 150 kW
Power supply	400v/50 hz, up to 300 KVA
Fresh water maker	1x 35 m <sup>3</sup> /day, 2x 18 m <sup>3</sup> /day, total 70 m <sup>3</sup> /day
Sewage treatment	1x super trident
Oil water separator	1x 1 m <sup>3</sup> /h, 15 ppm

## Tonnage

GRT	2874 t
NRT	862 t
Deadweight	3468 mt
Displacement	5810 mt

## Capacities

Fuel oil	521 m <sup>3</sup>
Potable water	2188 m <sup>3</sup>
Ballast water	2278 m <sup>3</sup>
Freezer	25 m <sup>3</sup>
Chiller	25 m <sup>3</sup>

## Spuds

2x 32 m FWD (portside) + AFT (starboard side) spuds, suitable for water depths of up to 22 m

## Accommodation

Single berth cabin	Nil
Double berth cabin	2x 11 nos
Fourth berth cabin	4x 30 nos
Clinic	Located on main deck with 1 bed, fully equipped with medicine cabinets, stretcher, refrigerator and attached T&B
Laundry	Inside accommodation at 3rd deck with 4x 8 kg washer and 4x 8 kg dryers
Entertainment system	Satellite TV receiver with TV sets in all cabins
Prayer room	On main deck forward
Mess room	1x 70 persons seating with TV, water and juice dispenser
Workshop facility	50 m <sup>2</sup> mechanical/fabrication/welding shop located on main deck, fitted with work bench, drill, vice, grinder, welding and cutting equipment
	Galley fully equipped, with bakery ovens dough kneader, capacity to prepare 200 meals, fitted with wet chemical fire suppression system
Total	142 persons

## Navigation/communication equipment

VHF (fixed/portable)	2x ICOM Marine and 6x Standard Horizon
SSB radio	1x JRC, JSB-196
Satellite phone	1x FBB/voice/data
Aero VHF (fixed/portable)	1x ICOM and 1x ICOM
Gyro compass	1x Yokogawa D
Radar	1x FURUNO
GPS	1x KODEN
Echo sounder	1x FURUNO
Navtex	1x JMC, NT-900

## Work deck area

Main deck	733 m <sup>2</sup>
Winch house top	217 m <sup>2</sup>
Deck strength	10 t/m <sup>2</sup>

## Mooring system

Anchor winch	4x double drum, diesel driven
Anchor wire	8x 38 mm x 900 m, galvanized
Anchors	8x 5T Flipper Delta
Anchor buoys	8x steel cylindrical

## Lifting equipment

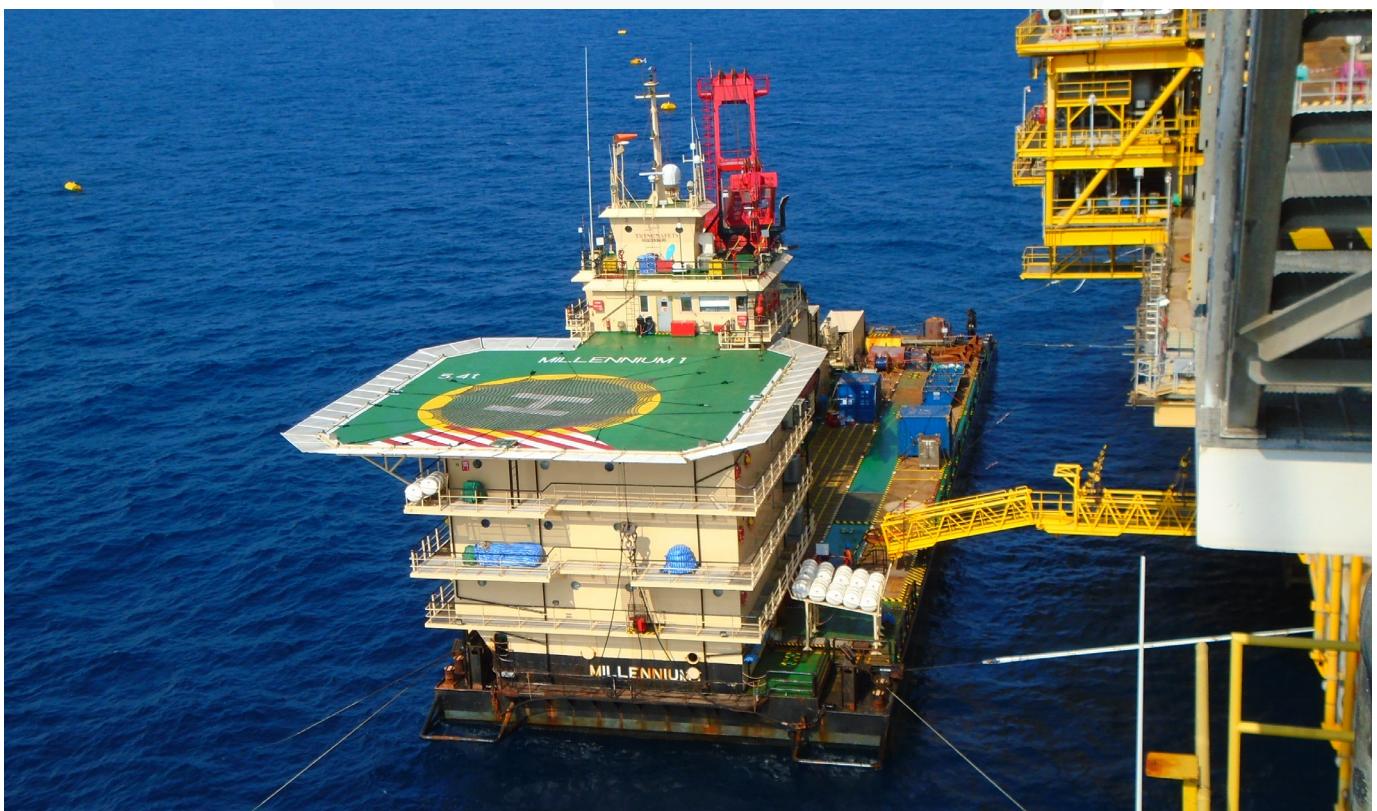
Deck crane	NORCRANE, pedestal mounted diesel driven hydraulic cargo crane
Aux hook	7.5 t @ 40 m
Main hook	30 t @20 m, 15 t @ 36 m

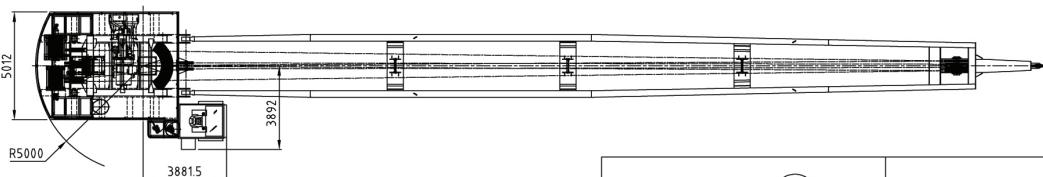
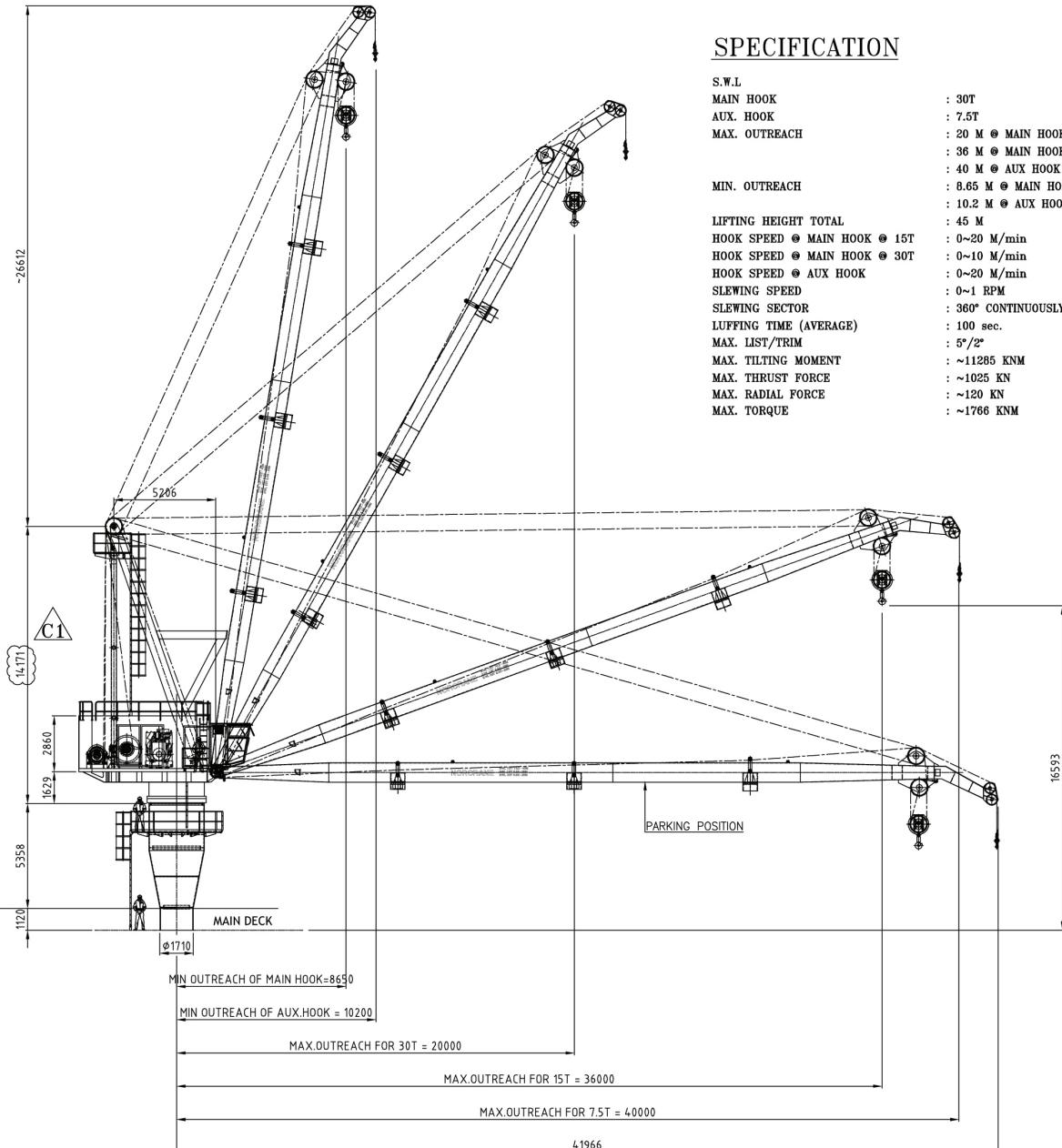
## Helideck

Certified for BELL-214, class approved, as per CAP 437 helideck specifications

## Firefighting equipment

Fire pump	1x 100 m <sup>3</sup> @80 m head
Emergency fire pump	1x 50 m <sup>3</sup> @60 m head
Fire detection	Accommodation, machine room and stores





**NOR CRANE**  
MARINE & OFFSHORE EQUIPMENT

NOR CRANE & WINCH AS  
P.O.Box: 82, 4098 Tananger, Norway  
Tel.: 47 51 653942, Fax: 47 51 653941

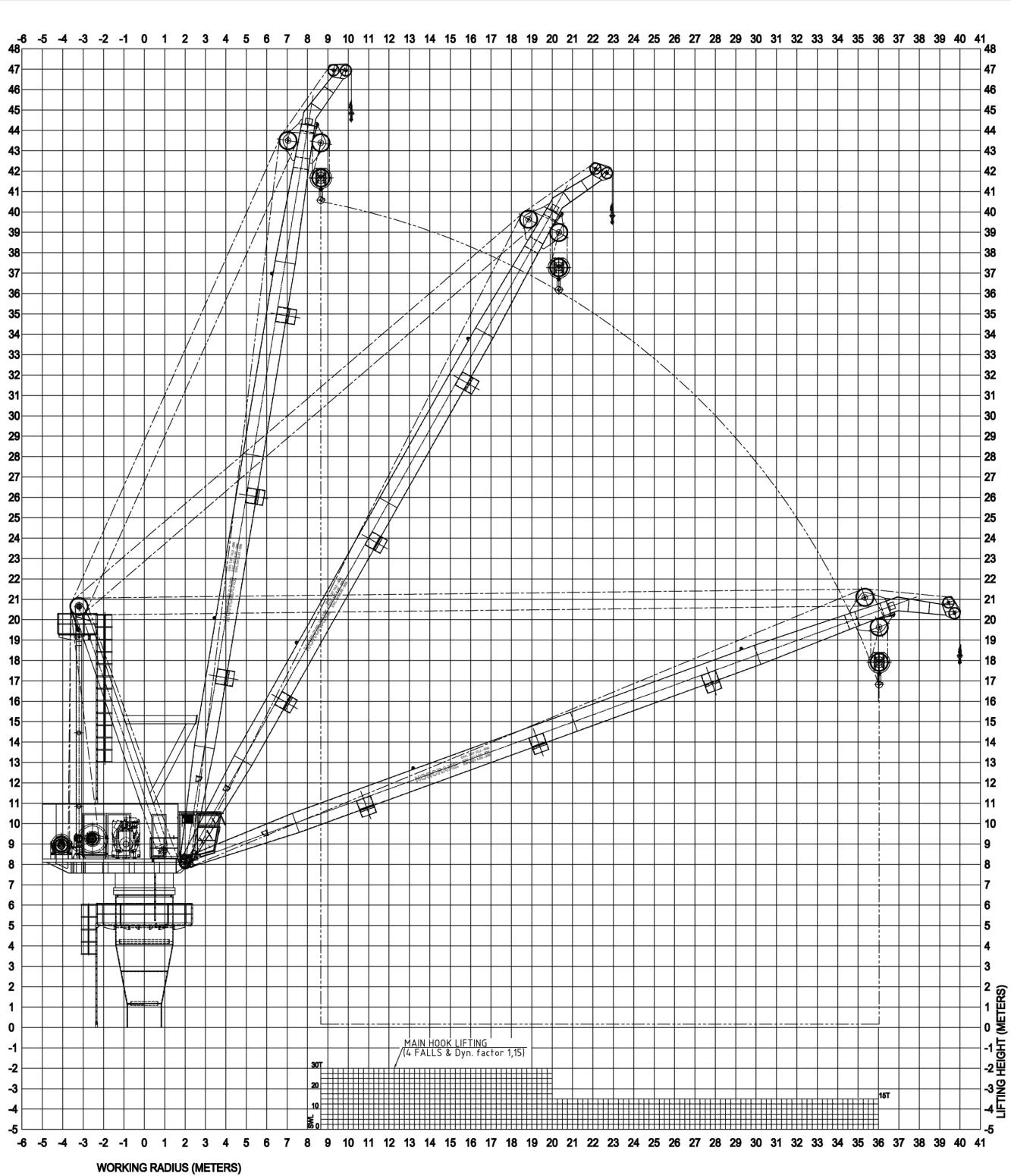
ALL INFORMATION CONTAINED ON THIS DRAWING IS CONFIDENTIAL AND MAY NOT BE USED OR DIVULGED TO A THIRD PARTY WITHOUT PERMISSION.

TITLE:

**HYDRAULIC MARINE CARGO CRANE  
GENERAL ARRANGEMENT**

MODEL No. : NCW-CC-1200-3020-1040	THIRD ANGLE PROJECTION	EST. WT.: ~75T
HULL No.: :-	PAPER SIZE : A3	SCALE : 1:225
PROJECT No. : -	DWG. No. : CC-1200-3020-1040-00	
ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SHOWN		SHEET 01 OF 04

C1	RE-ISSUED FOR CONSTRUCTION	SHY.SUN	J.LEE	26.Nov.14
C	ISSUED FOR CONSTRUCTION	SHY.SUN	J.LEE	13.Aug.14
B	ISSUED FOR APPROVAL	SHY.SUN	J.LEE	23.Jul.14
A	ISSUED FOR IDC	SHY.SUN	J.LEE	16.Jan.13
REV	DESCRIPTION	DRAWN	CHK'D	APPR'D
				DATE
REVISIONS				



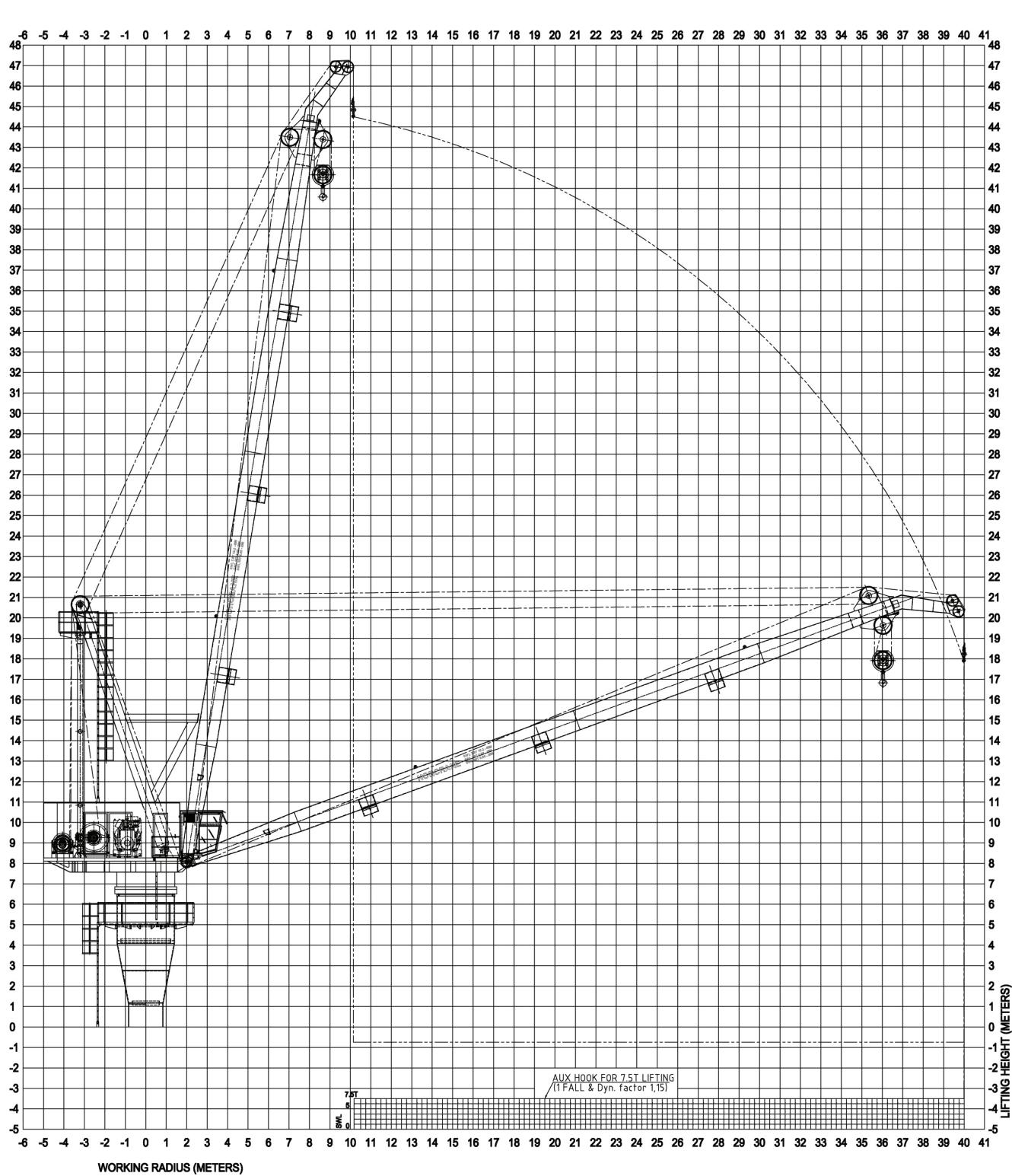
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REVISIONS				

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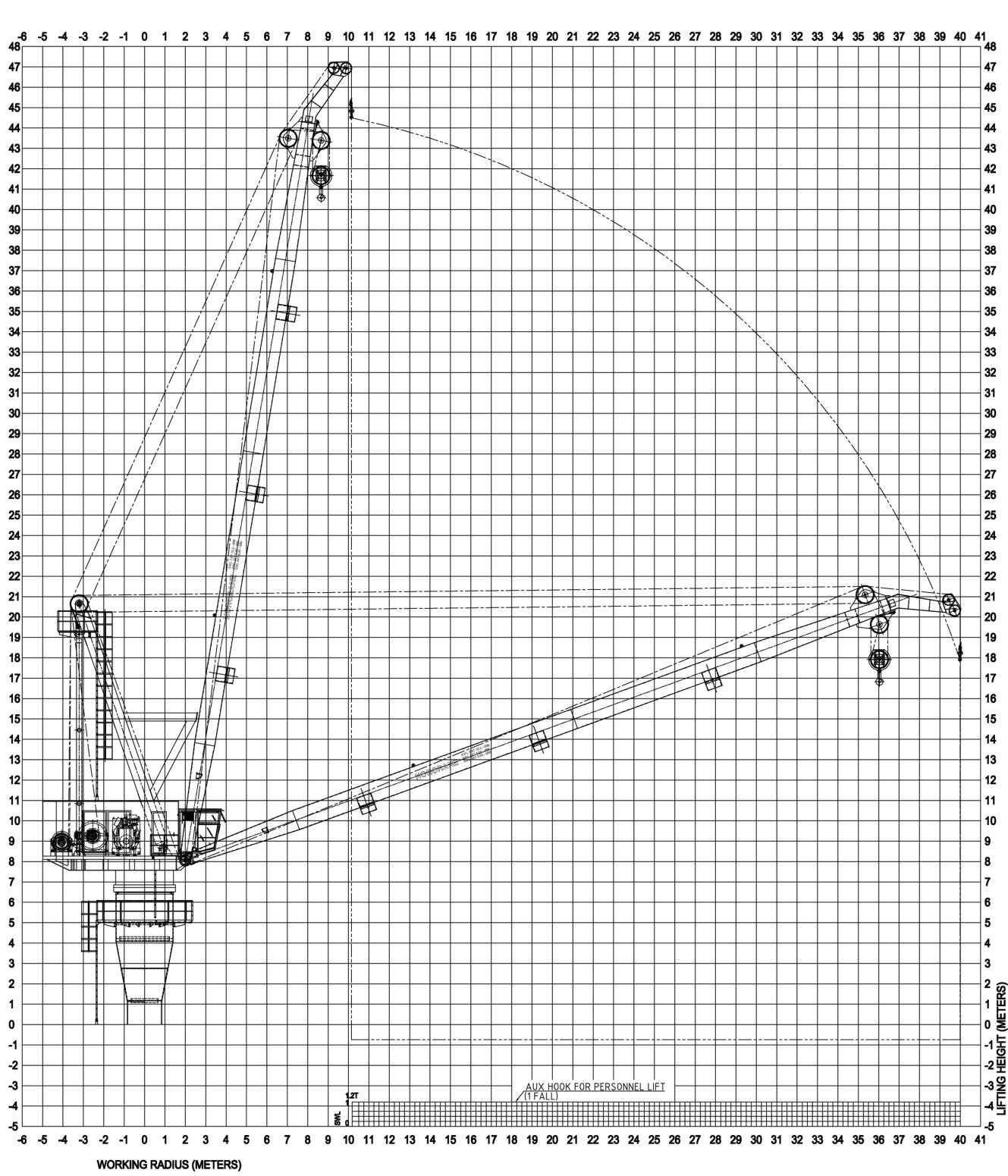
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TITLE: HYDRAULIC MARINE CARGO CRANE (LOAD CHART FOR MAIN HOOK)			
MODEL No.:	NCW-CC-1200-3020-1040	THIRD ANGLE PROJECTION	EST. WT. : ~
HULL No.:	-	PAPER SIZE :	A3
PROJECT No.:	-	DWG. No.:	CC-1200-3020-1040-00
ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SHOWN			SHEET 02 OF 04



C1	RE-ISSUED FOR CONSTRUCTION	SHY.SUN	J.LEE	26.Nov.14
C	ISSUED FOR CONSTRUCTION	SHY.SUN	J.LEE	13.Aug.14
B	ISSUED FOR APPROVAL	SHY.SUN	J.LEE	23.Jul.14
A	ISSUED FOR IDC	SHY.SUN	J.LEE	16.Jan.13
REV	DESCRIPTION	DRAWN	CHK'D	APPR'D
				DATE
REVISIONS				

<b>NOR CRANE</b> <small>MARINE &amp; OFFSHORE EQUIPMENT</small>		NOR CRANE & WINCH AS P.O.Box: 82, 4098 Tananger, Norway Tel.: 47 51 653942, Fax: 47 51 653941	
		ALL INFORMATION CONTAINED ON THIS DRAWING IS CONFIDENTIAL AND MAY NOT BE USED OR DIVULGED TO A THIRD PARTY WITHOUT PERMISSION.	
TITLE: HYDRAULIC MARINE CARGO CRANE (LOAD CHART FOR AUX HOOK)			
MODEL No. :	NCW-CC-1200-3020-1040	THIRD ANGLE PROJECTION	EST. WT. : ~
HULL No. :	-	PAPER SIZE : A3	SCALE : 1:180
PROJECT No. :	-	DWG. No. : CC-1200-3020-1040-00	
ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SHOWN			SHEET 03 OF 04



WORKING RADIUS (METERS)

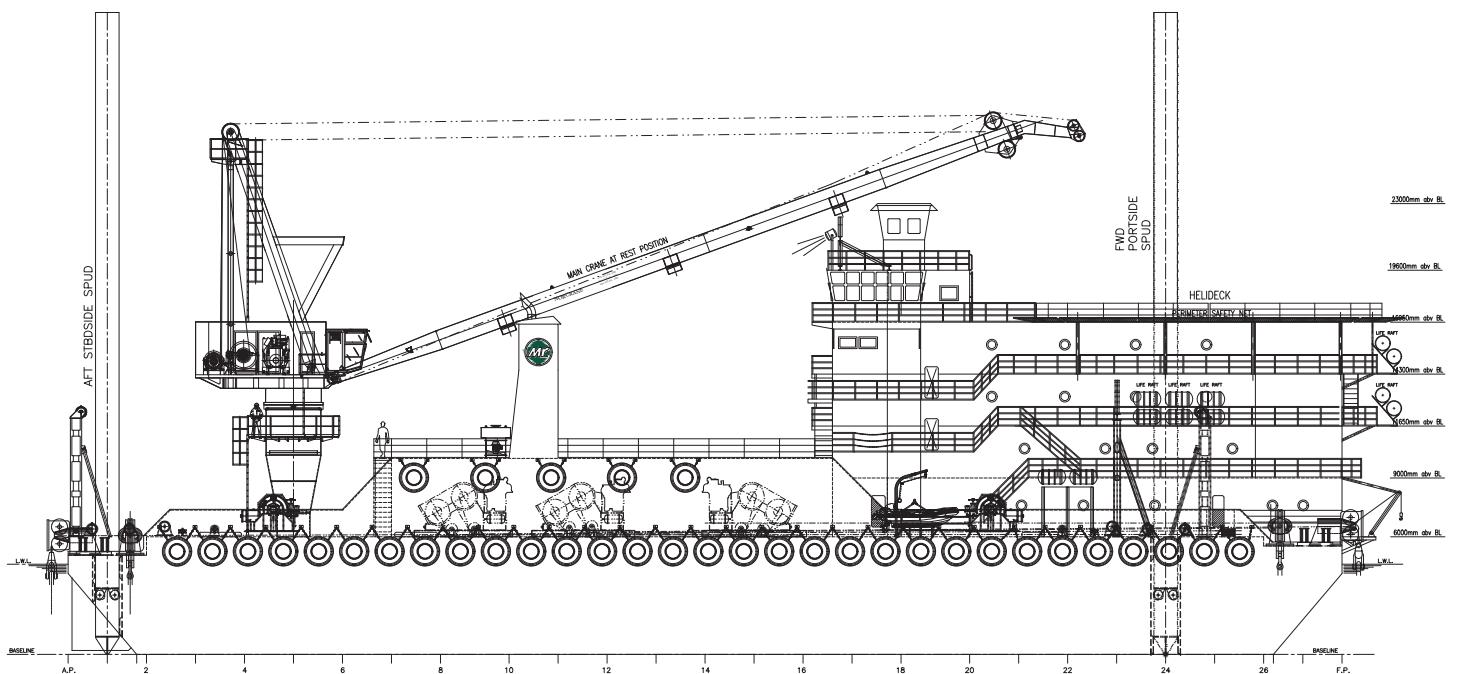
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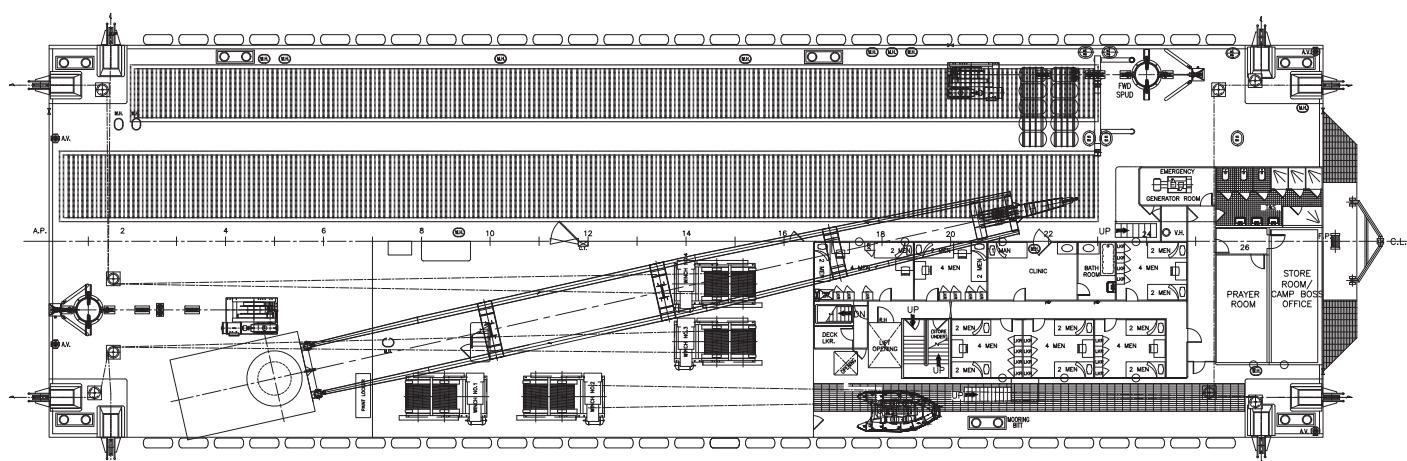
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C	ISSUED FOR CONSTRUCTION	SHY.SUN	J.LEE	13.Aug.14	HULL No. : -	PAPER SIZE : A3	SCALE : 1:180
B	ISSUED FOR APPROVAL	SHY.SUN	J.LEE	23.Jul.14	PROJECT No. : -	DWG. No. : CC-1200-3020-1040-00	
A	ISSUED FOR IDC	SHY.SUN	J.LEE	16.Jan.13	ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SHOWN		
REV	DESCRIPTION	DRAWN	CHK'D	APPR'D			SHEET 04 OF 04

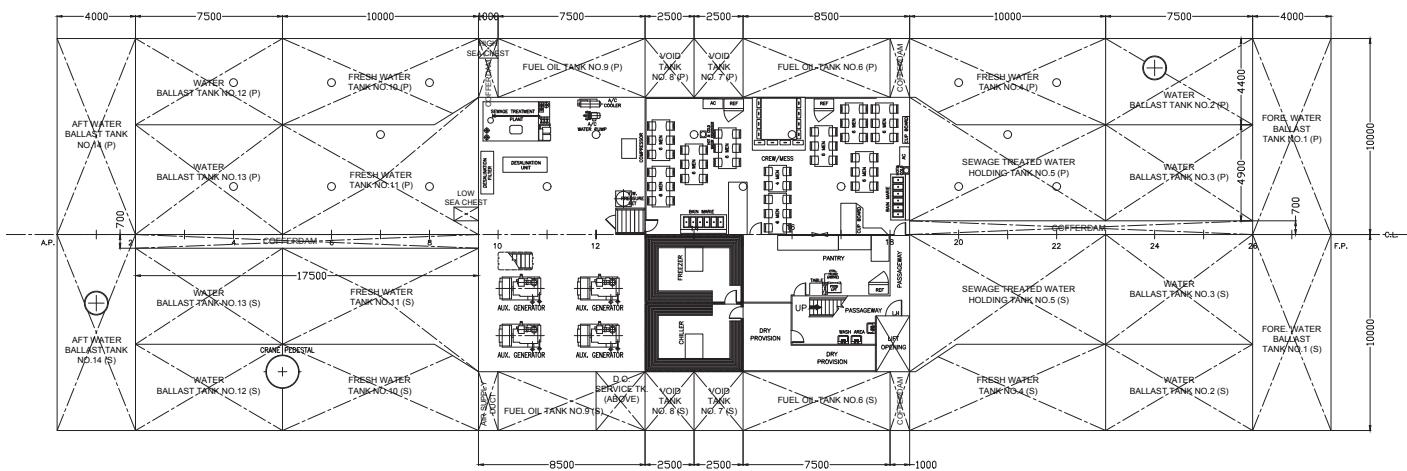
REVISIONS



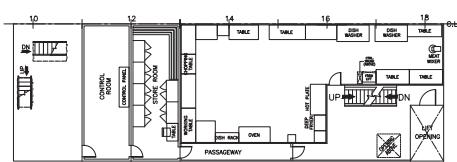
Outboard profile



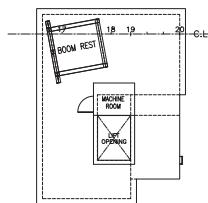
Main deck



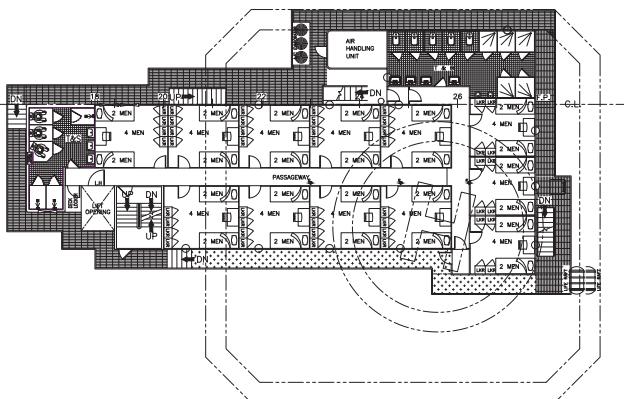
Tank top



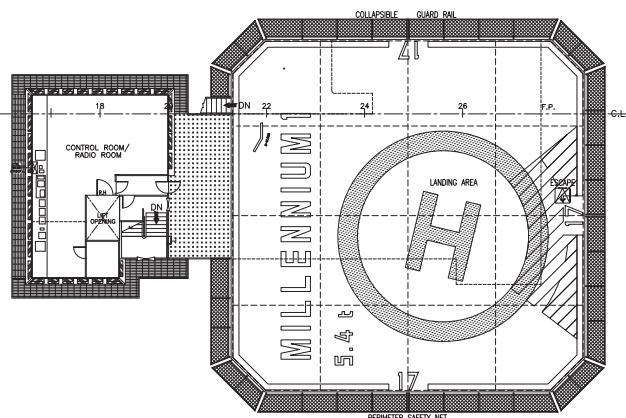
Under deck



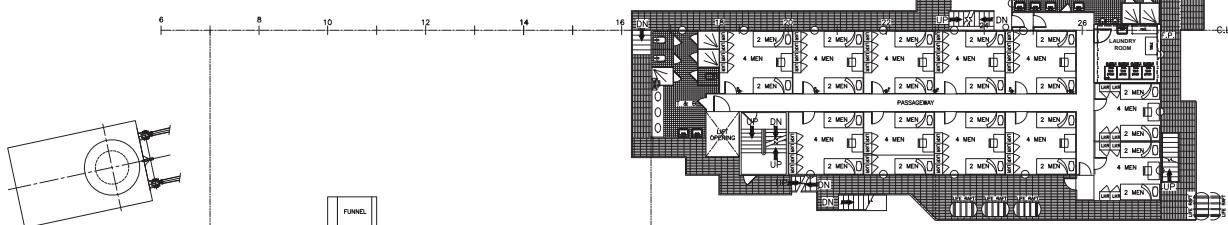
Wheelhouse top



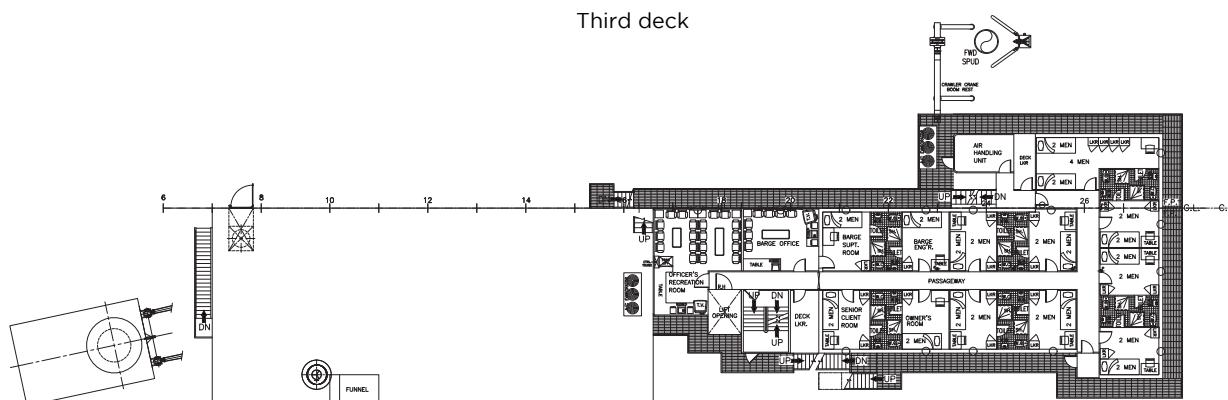
Fourth deck



Fifth deck/helideck



Third deck



Second deck