

SPECIFICATIONS

MULTI PURPOSE 1,400-TON HEAVY LIFT CRANE BARGE EXPANDABLE UP TO 240 PAX

Barge Specification

Length.....	136 m / 446 ft
Breath.....	36 m / 118 ft
Depth.....	8 m / 26 ft
Draft (Operational-Design).....	3 m / 10 ft - 5 m / 16 ft
DWT.....	19,800 mT
GT.....	12,491 mT
Construction weight.....	5,800 mT
Deck Strength.....	20 mT/m ² / 1.83 mT/ft ²
Deck Space.....	3,400 m ² / 36,597 ft ²
Loading Capacity.....	10,000 mT
YOM.....	2012

Class..... RINA C  Pontoon - crane

Power Supply

Main diesel generators.....	2x 753kW Caterpillar
.....	1x 153kW John Deere
Emergency diesel generator.....	1x 123kW John Deere

Main Crane

Type.....	Pedestal revolving crane
Model.....	MC 35000 DLS
Main boom length.....	63 m / 207 ft
Boom top length.....	75 m / 246 ft
Main hoist capacity.....	1,400 mT @ 12.5 m / 41 ft
.....	350 mT @ 53.5 m / 175 ft
Working radius, slewing range.....	12.5 to 64 m, 360 degree
Revolving Speed.....	6 min. / 360 degree
Runner hoist capacity.....	30 - 90 mT

Ballast System

Anti-heeling (automatic).....	2x 2,000 m ³ /h, 70,629 ft ³ /h
Trim pumps (automatic).....	4x 1,000 m ³ /h, 35,315 ft ³ /h
Main pumps.....	2x 800 m ³ /h, 28,252 ft ³ /h

Mooring system

Winches.....	4 double drum 50 mT rated pull
.....	8x 60 mT brake and 120 mT hold capacity
Wire Size.....	44 mm / 1.73 inch
Wire Length.....	1,200 m / 3,937 ft
Anchors.....	8 x flipper delta
.....	(3x 10 mT, 1x 9 mT, 3x 7 mT and 1x 5.4 mT)

Communication

GMDSS VHF Radio.....	1x T&T Sailor SP3520
.....	3x Ocean Signal SafeSea V100
SART.....	Mc Murdo S4 Rescue Sart
EPIRB.....	Ocean Signal SafeSea E100

Accommodation & Facilities

Living Space.....	12-persons fixed accommodation
.....	expandable to 60 persons or max to 240
Sewage Capacity.....	1.5 m ³ /day, 53 ft ³ /day
Fresh Water maker.....	3 m ³ /day, 106 ft ³ /day
Tank Capacities.....	38 m ³ / 1,342 ft ³ Fuel
.....	2 m ³ / 71 ft ³ Sludge
.....	5 m ³ / 177 ft ³ Treated Sewage
.....	8 m ³ / 282 ft ³ Seawater Buffer
.....	400 m ³ / 14,120 ft ³ Drinkwater Tank
Fire Fighting Equipment.....	1x fire pump (Victor S83)
.....	1x emergency fire pump (Victor S83)
Survival Equipment.....	4 of by 12 person life rafts
.....	60 life jackets
Qualifications.....	IMO SOLAS, NMA, MLC-2006,
.....	MODU Safe Area



4 double drum 50 mT-rated pull winches



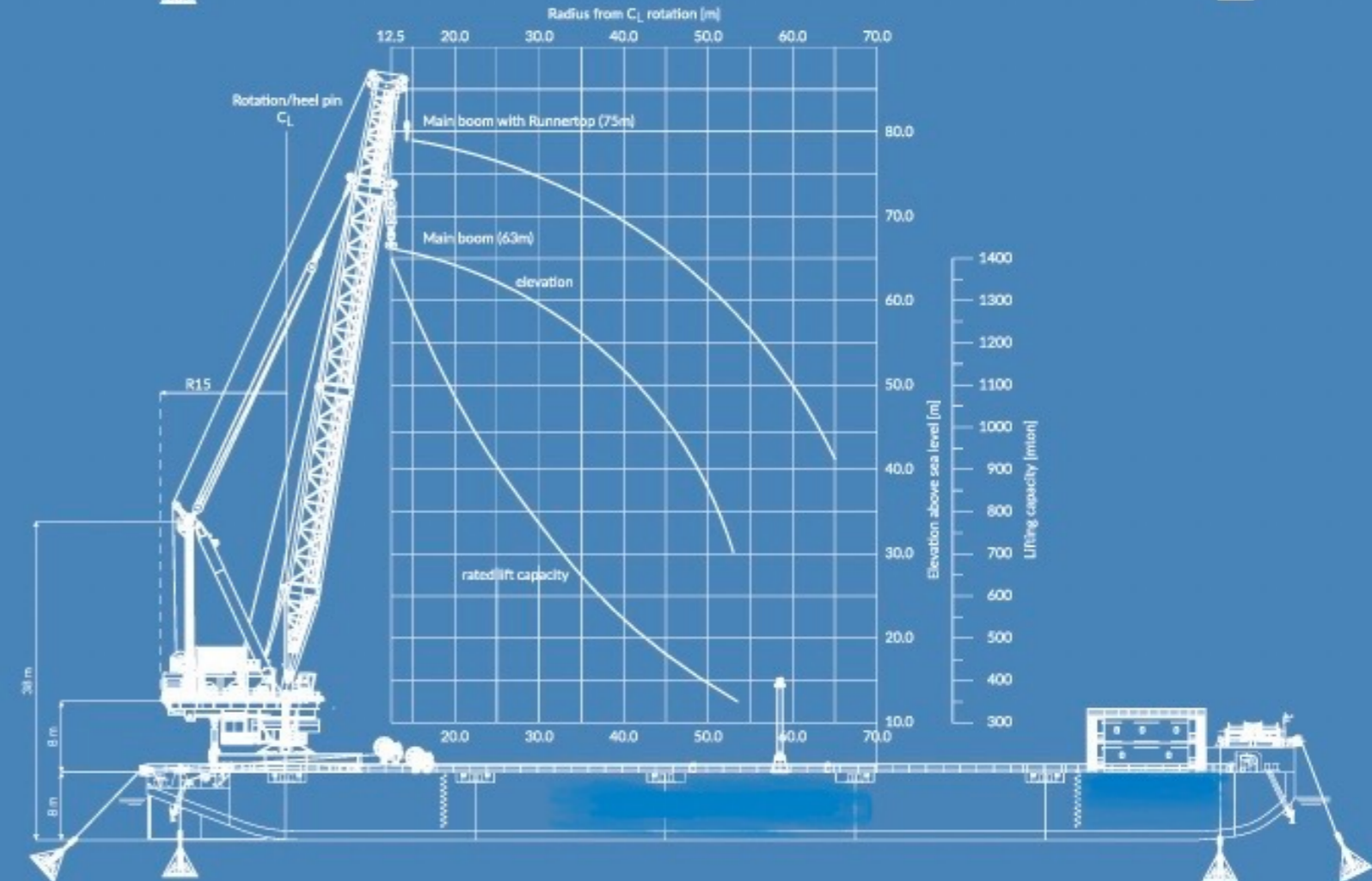
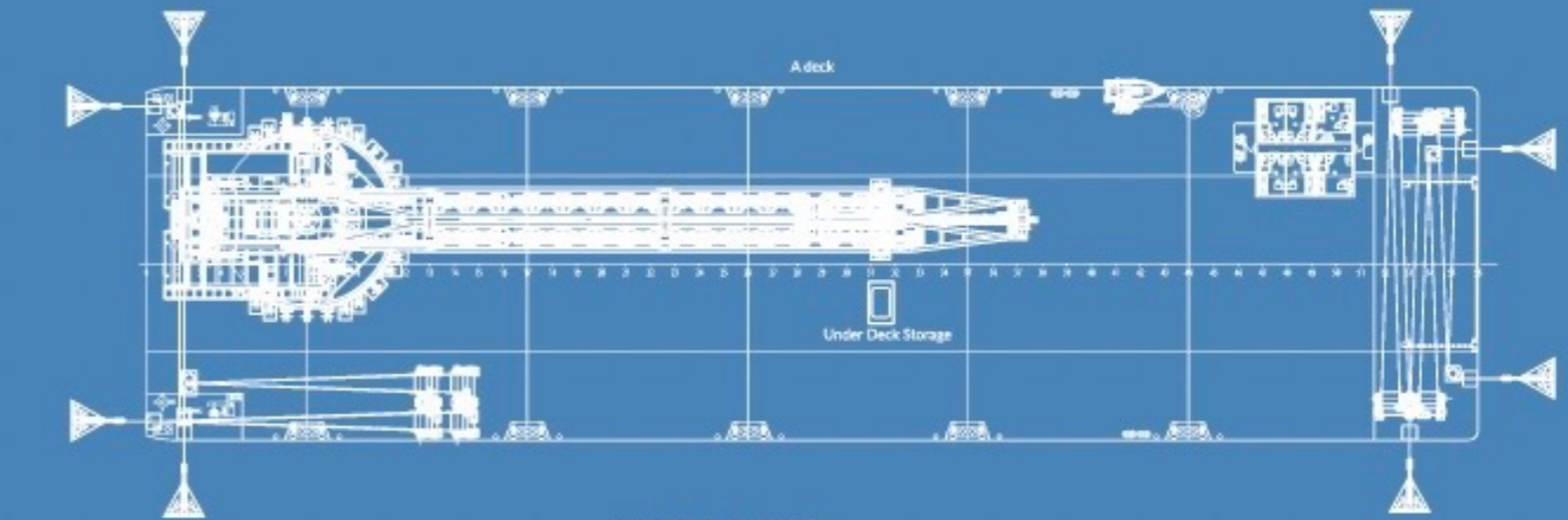
Various delta flipper anchors



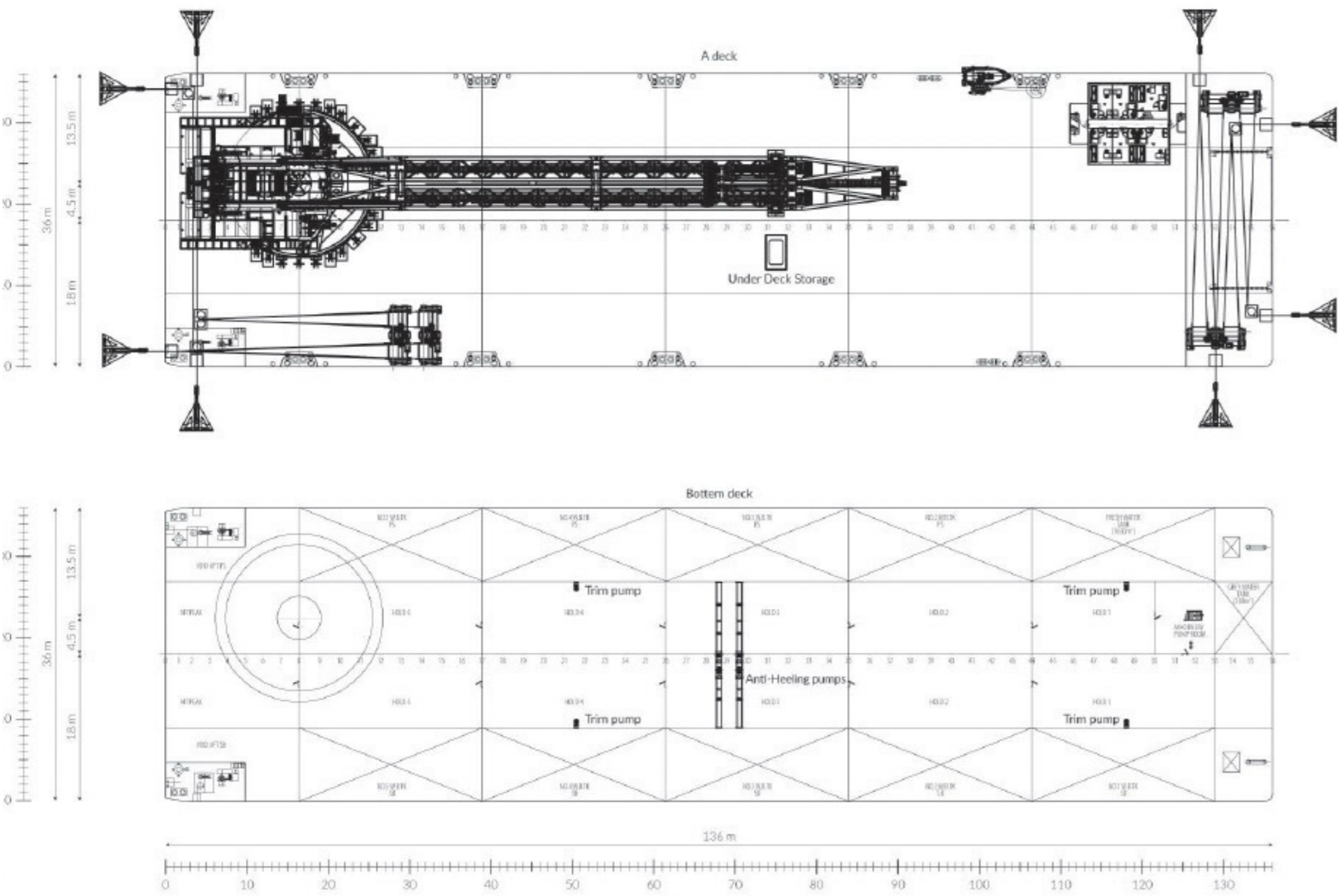
12-person accommodation and control room



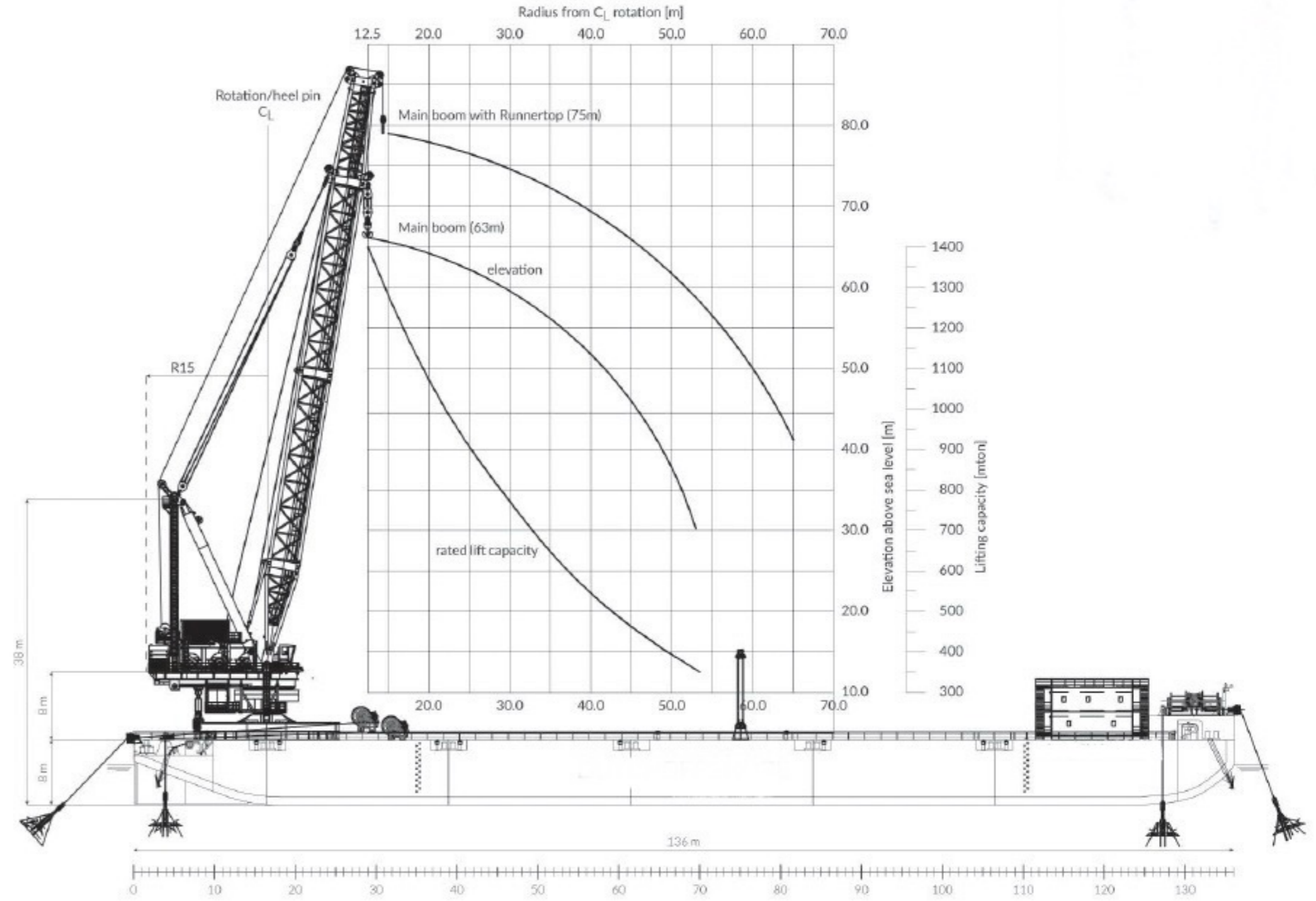
The crane barge is designed and constructed in accordance with the latest rules and regulations of RINA



TOP VIEW

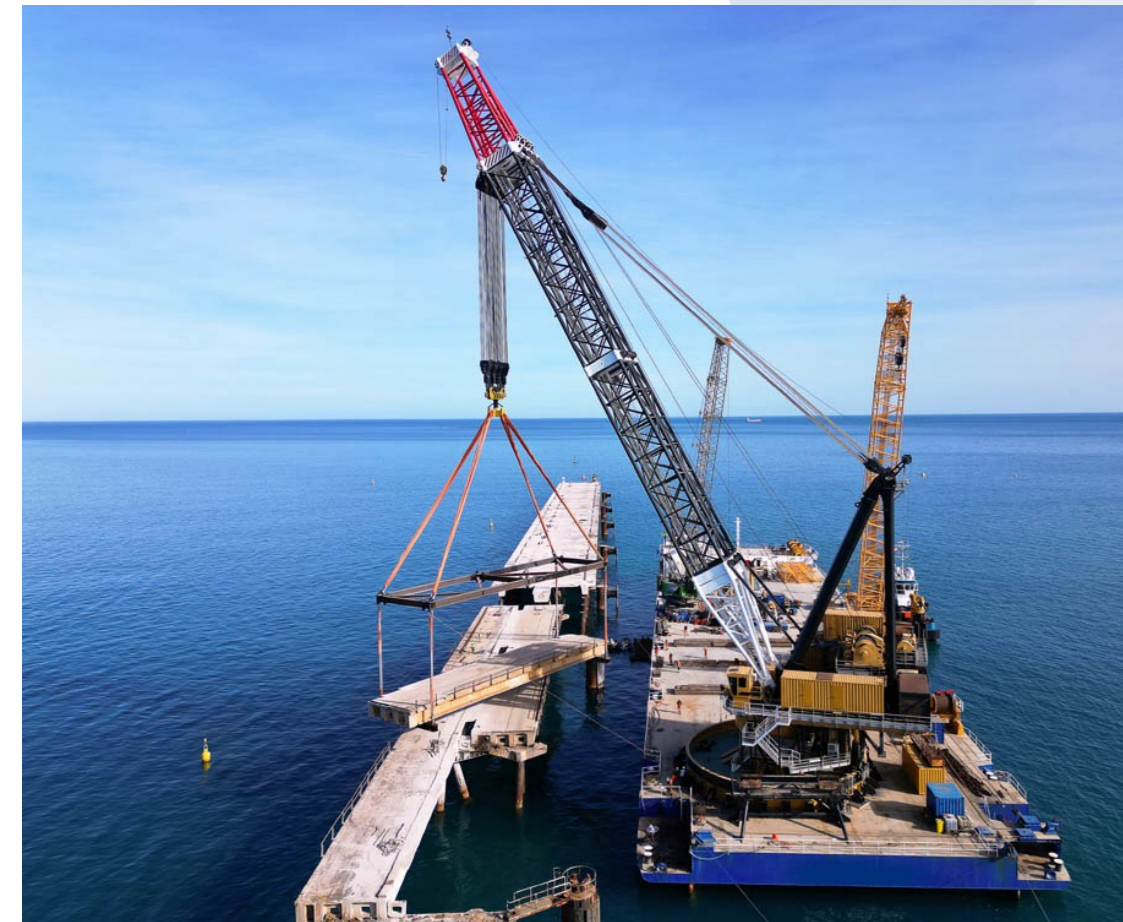


SIDE VIEW











1



2



3



4



5



6



