

CARACAL PIONEER

57.00m x 44.00m x 6.858m Self Elevating Liftboat



Specifications

Length	57.00m
Overall:	
Beam	44.00m
Moulded:	
Depth	6.858m
Moulded:	
Draft	3.361m
Moulded:	
Leg Length:	97.54m
Leg	3.048m
Diameter:	
Maximum	65m
Water Depth:	
Gross	5097MT
Tonnage:	

General Specifications

GENERAL

Port of Registry/Flag	Singapore
Official Number	395647
Class	ABS
Notation	+ A1, Self Elevating Unit, +AMS
Built	2010, Saigon Shipyard Co., Ltd, Vietnam

ADDITIONAL FEATURES

Speed	Approx 6 knots
Helideck Rated	Suitable for Sikorsky S62 and S92 Helicopter
Azimuth Propulsion	3xAzimuth thusters, 1100kW @ 690V/3Ph/60HZ
Bow Thruster	1xtransverse FPP bow thruster, 440kw@690V/3PH/60 Hz
Electric Power Generator	4xCaterpillar model 3516B 12 cylinder, 1383kW@1200rpm
Emergency Generator	1xCaterpillar model C4.4, 98kW@1800rpm

Auxilliary Generator 1xCaterpillar C18 rated 400kW@1800rpm

Self-elevating Power Units 9x300HP hydraulic motor, three for each leg coupled to variable displacment pressure compensated pumps

Self-elevating Gear Units 54 pinion drive gears units per liftboat, each gear 72.7MT lifting capacities

Steering System Electric/hydraulic steering, with 2 stations

Fuel Oil Tank Capacity 462MT

Water Tank Capacity 550MT

Accomodation 160 Men accommodation including marine crew

Ancillary Equipment Port Crane Max. 181 MT at 9.1M reach

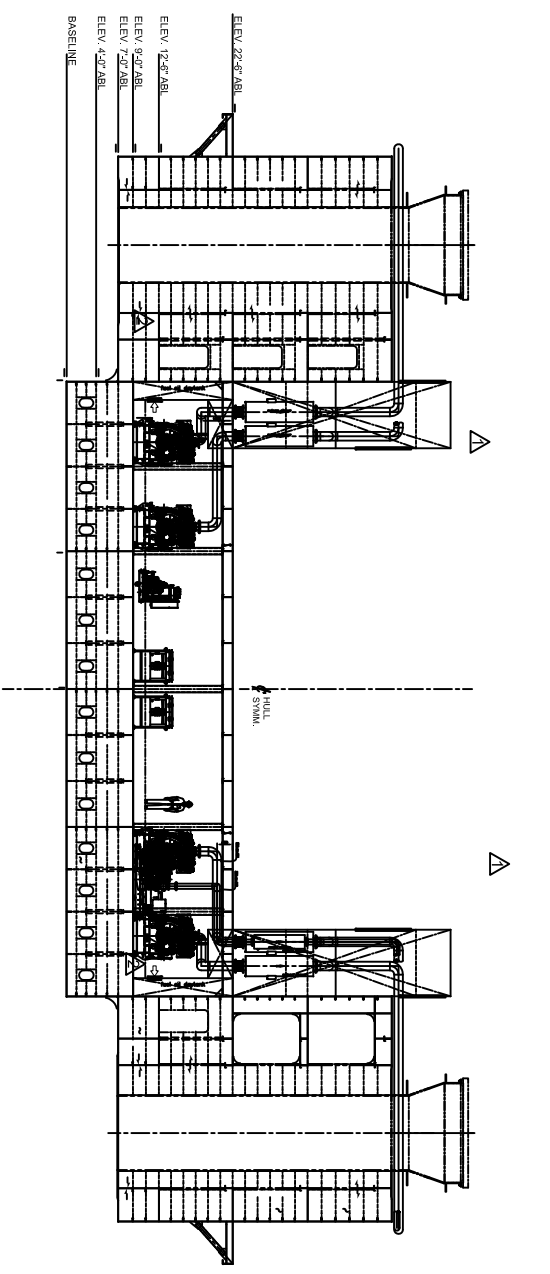
Stbd Crane Max. 181 MT at 9.1M reach

Variable Load 837MT

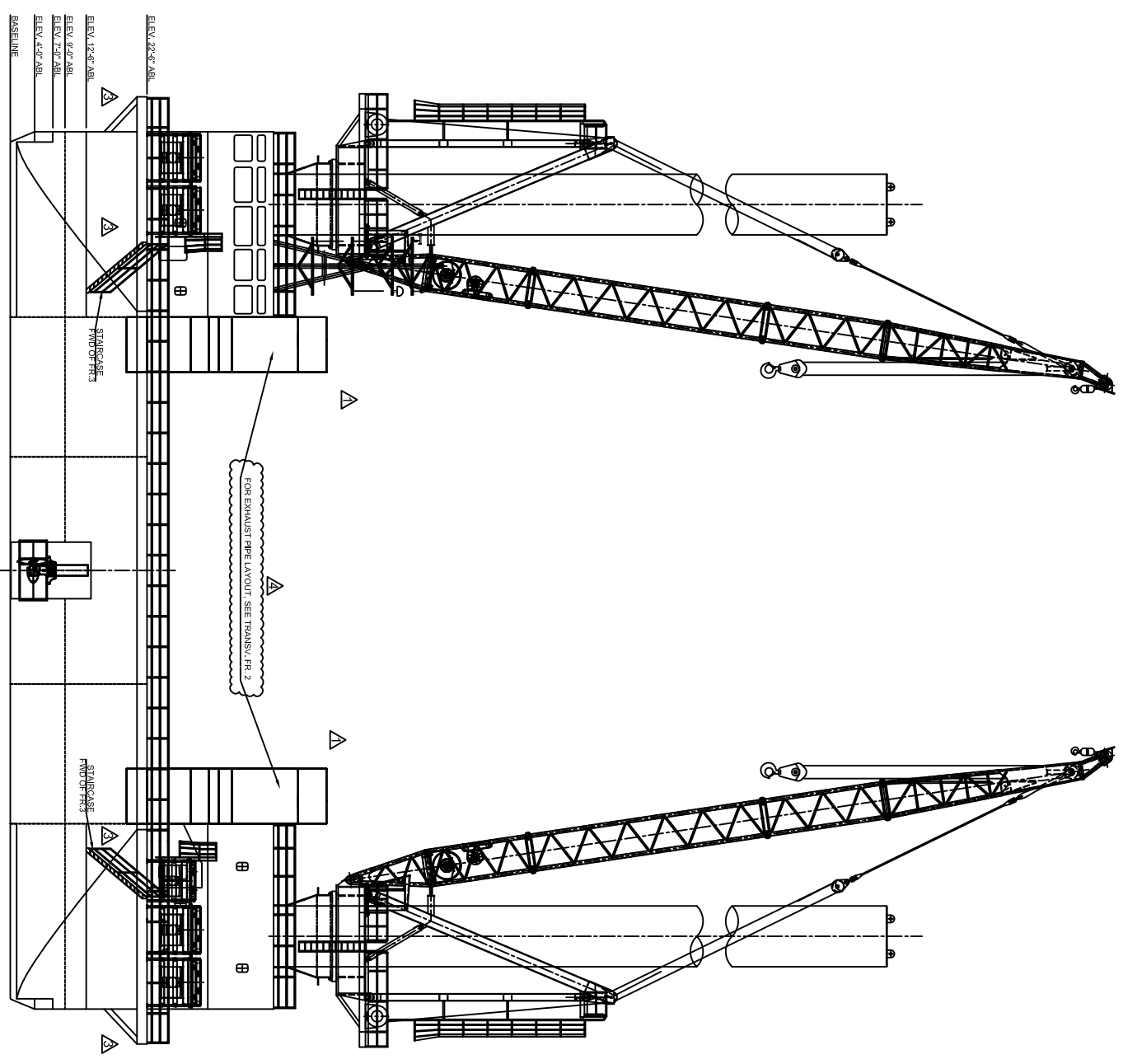
Deck Space Approx 11,000 ft2

** This vessel specification is given in good faith & assumed to be correct. Details given are without guarantee.

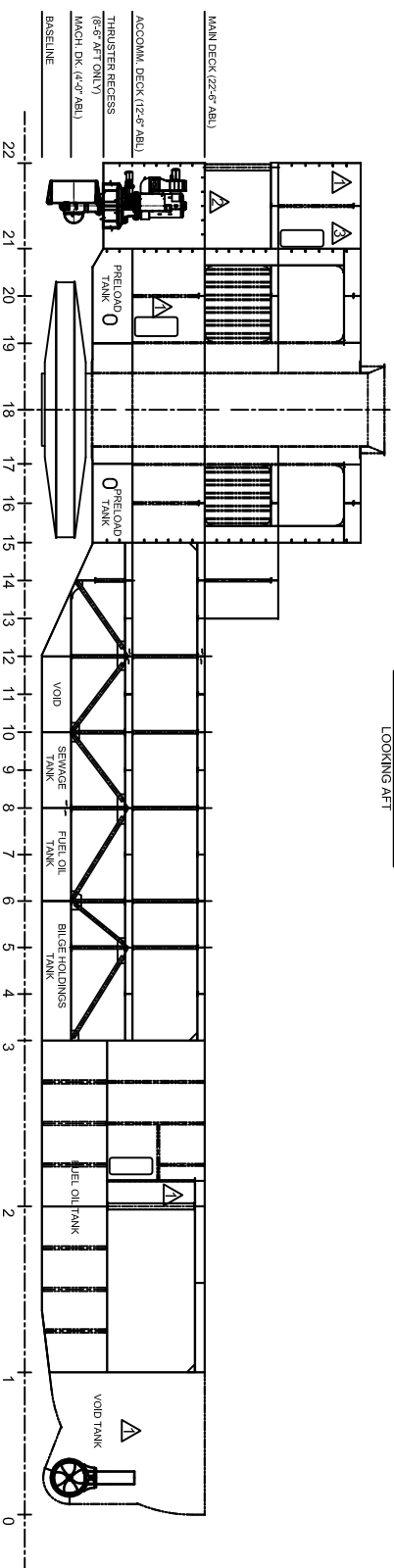
** Owners reserved the right to amend the specifications without notification.



TRANSVERSE ELEVATION AT FR. 2
LOOKING AFT



BOW ELEVATION
LOOKING AFT



LONGITUDINAL ELEVATION AT CENTERLINE
LOOKING PORT

BASIC DESIGNER IS TO CHECK
IMPACT OF THESE AMENDMENTS
ON PERFORMANCE AND CONCUR.

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Name	Levingston	Final Approval
Title		
Date Approved		
Final Submittal		
Second Submittal		
First Submittal		
Draft Submittal		
Submitted By	Date Submitted	Approved By
		Approval Block

THE LEVINGSTON Corp.

Contract: E320 LFTBOAT
SSY-0702 & SSY-0703

Drawing Title: GENERAL ARRANGEMENT
ELEVATION VIEWS

Scale: 1:150
Drawing Number: E320-101-02
Revision: 4

Drawn By: JAO-V-ROD
Checked By: B.DIAB
Approved By:

Date	Rev.	Approval	Description	Area
12/23/07	P	ISSUED FOR APPROVAL		
04/13/08	R	GENERAL REVISION		
06/19/08	S	REVISED AS SHOWN		
25 July'08	0	APPROVED FOR CONSTR.		
11 Aug'08	1	AMENDED AS PER DESIGN PROGRESS BY (NAVY/UKR INDIUM & SINGAPORE)		
14 Aug'08	2	AMENDED AS PER YARD'S COMMENTS AT (SINGAPORE)		
14 Aug'08	3	AMENDED AS PER YARD'S COMMENTS AT (SINGAPORE)		
9 Sept'08	4	AMENDED AS PER YARD'S COMMENTS & DESIGN PROGRESS		

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