



**OFFSHORE
LIFTBOATS**

**L/B Lauren
Frances
Class 230**

Official No.: 1254559



Phone: (985) 632-3414
Fax: (985) 632-5771

16182 West Main
Cut Off, LA 70354

www.OffshoreLiftboats.com



OFFSHORE LIFTBOATS

LIFTBOAT "Lauren Frances"

CLASS 230
USCG CERTIFIED
Official No.: 1254559

GENERAL DIMENSIONS

Length (Overall)	"137'-0"
Length (Barge Only)	"131'-5"
Beam (Overall)	"78'-0"
Beam (Barge Only)	"44'-0"
Depth (Barge Only)	"14'-0"
Open Deck Area	5500 Sq. Ft.

HULL CHARACTERISTICS

Gross Tonnage	153 Tons Net
Tonnage	103 Tons
Maximum Deck Cargo	800,000 lbs.

PADS

Length	"32'-0"
Width	"16'-0"
Depth	"2'-5"
Configuration	Raked

JACKING

Max. Working Water Depth	180'-0"
Max. Sea Conditions (Jacking Up or Down)	5'
Total Jacks	24
Total Jacking Rating	2520 S-Tons
Total Holding Rating	3360 S-Tons

LEGS

Quantity	3
Length	230'-0"
Size	78" O.D."
Wall Thicknesses	"3/4" to 1.25"

LIVING QUARTERS

Crew Accommodations	7
VIP Accommodations	2
PACS Accommodations	34
Total	43
Central A/C and Heat	
1 - Clerk's Office	
2 - Lounges with: Color TV, Sofas, and Lounge Seats	
10 - Heads -All Levels	
23 - Galley Seats	
Laundry Area 3 - Washers/Dryers	

ELECTRONICS

VHF, SSB, Loud Hailer, Radar,
Fathometer, GPS,
Tilt Alarm, V-SAT Communication
Package with 8 Phone Lines and Internet
Access, Gaitronics System

PROPULSION

(2) Main Engines	CAT C-32
(2) Reduction Gear	TWIN DISC 6:1

GENERATORS

(2) 200kw Generators	Cat 7.1
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CRANES

Port - Tech Crane L-500:	
250 Ton	100' Lattice Boom
Stbd - Tech Crane T-120:	
60 Ton	100' Telescopic Boom

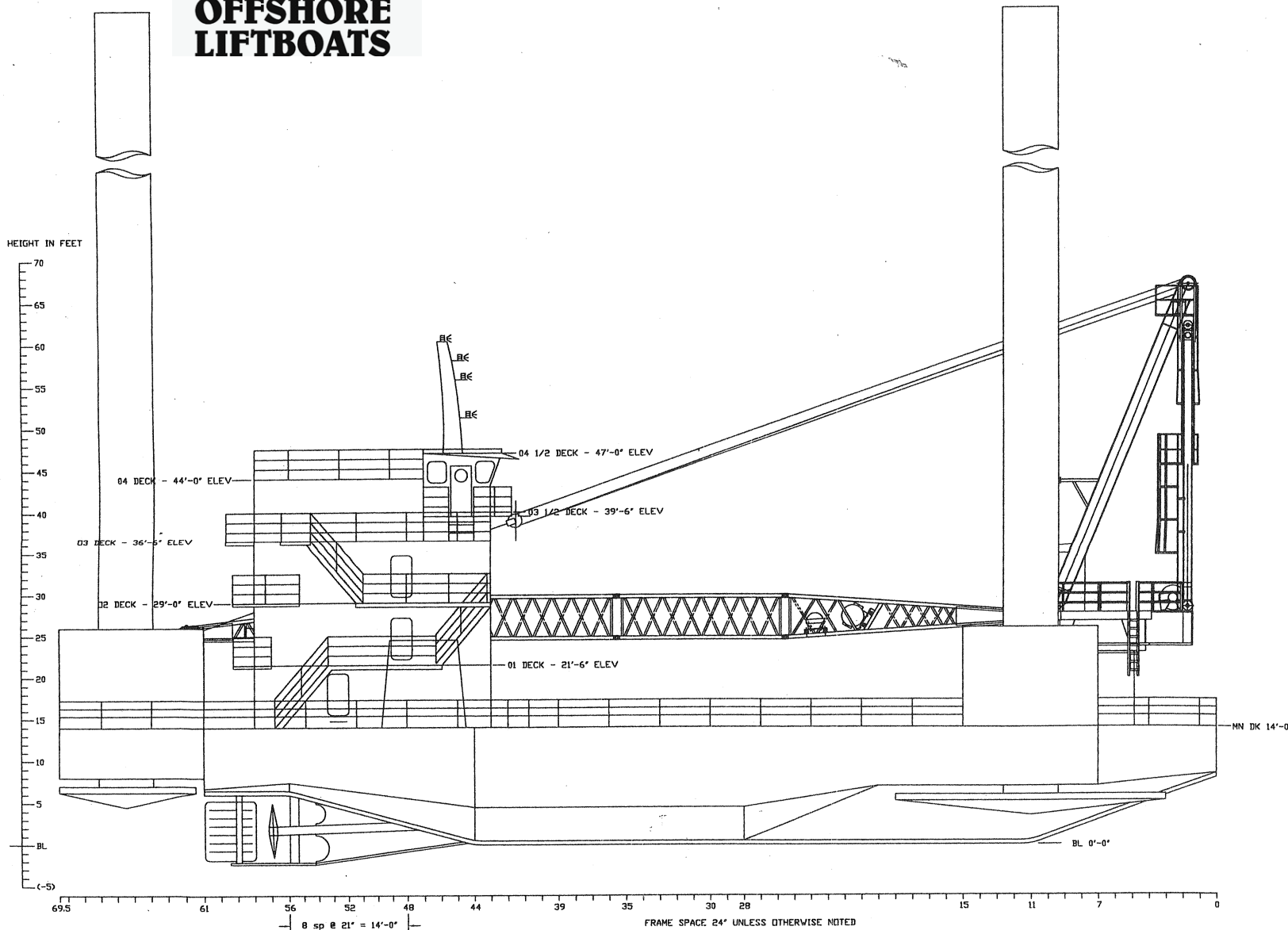
CAPACITIES

Fuel Oil (Approx.)	29,942 Gals.
Potable Water (Approx.)	29,494 Gals.





L/B Lauren Frances



OUTBOARD PROFILE
SCALE 3/16" = 1'-0"

GENERAL INFORMATION

HULL LENGTH	137'-0"
HULL WIDTH	78'-0"
HULL DEPTH	14'-0"
FOOTING LENGTH	32'-0"
FOOTING WIDTH	16'-0"
FOOTING DEPTH	2'-6"

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ACT OF 1996

FOR CONRAD HULL NO. C-1071

REVISIONS

DYNAMICS MARINE, INC.
2483 LITTLE LANE-NE, WESSON, MS 39191
601-695-4363

CONRAD SHIPYARD, LLC

OFFSHORE LIFTBOATS, LLC

CLASS 230 LIFTBOAT
OUTBOARD PROFILE

DATE: 29SEP13 APPV:

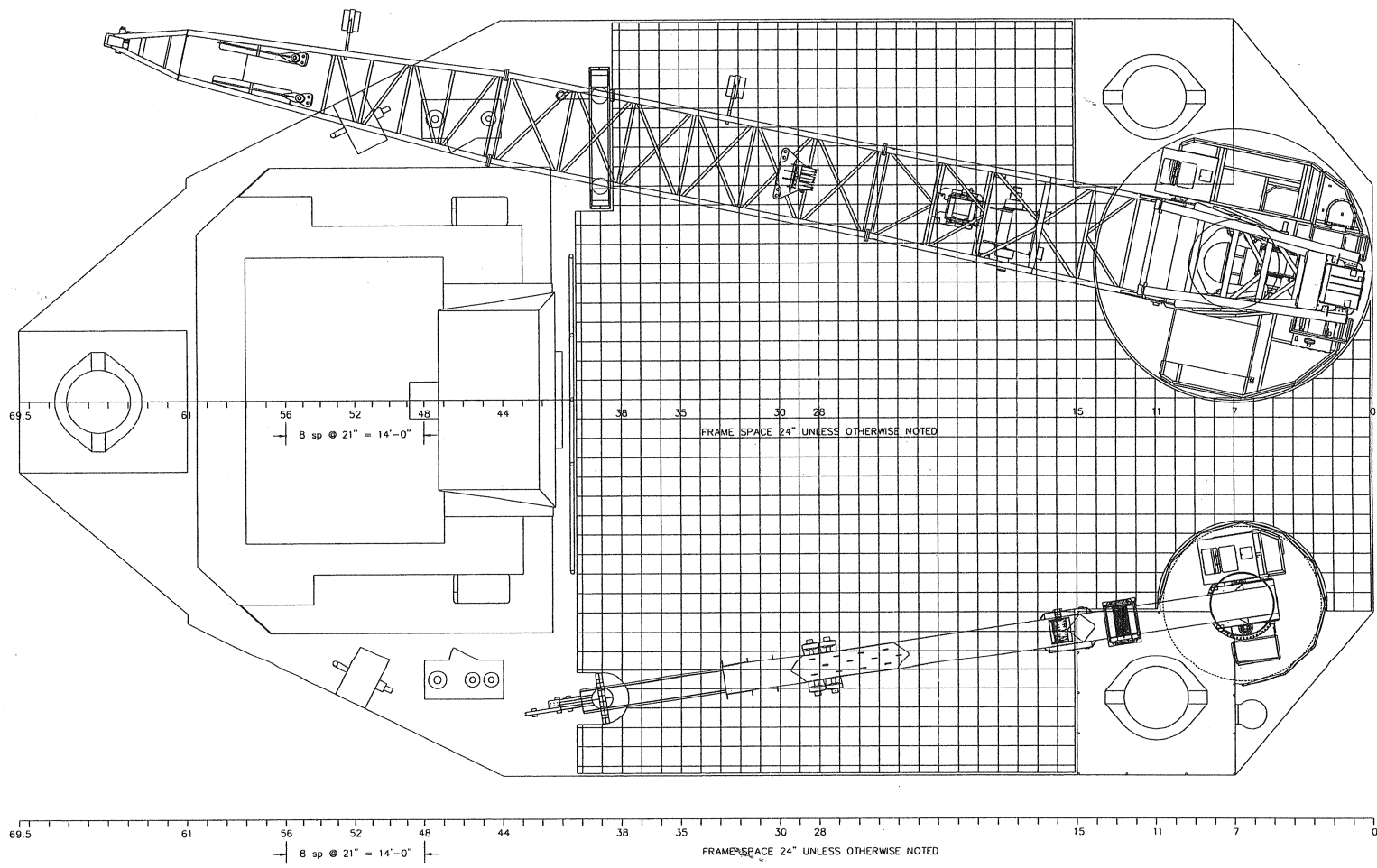
BY: GILLY

NO: GA-01





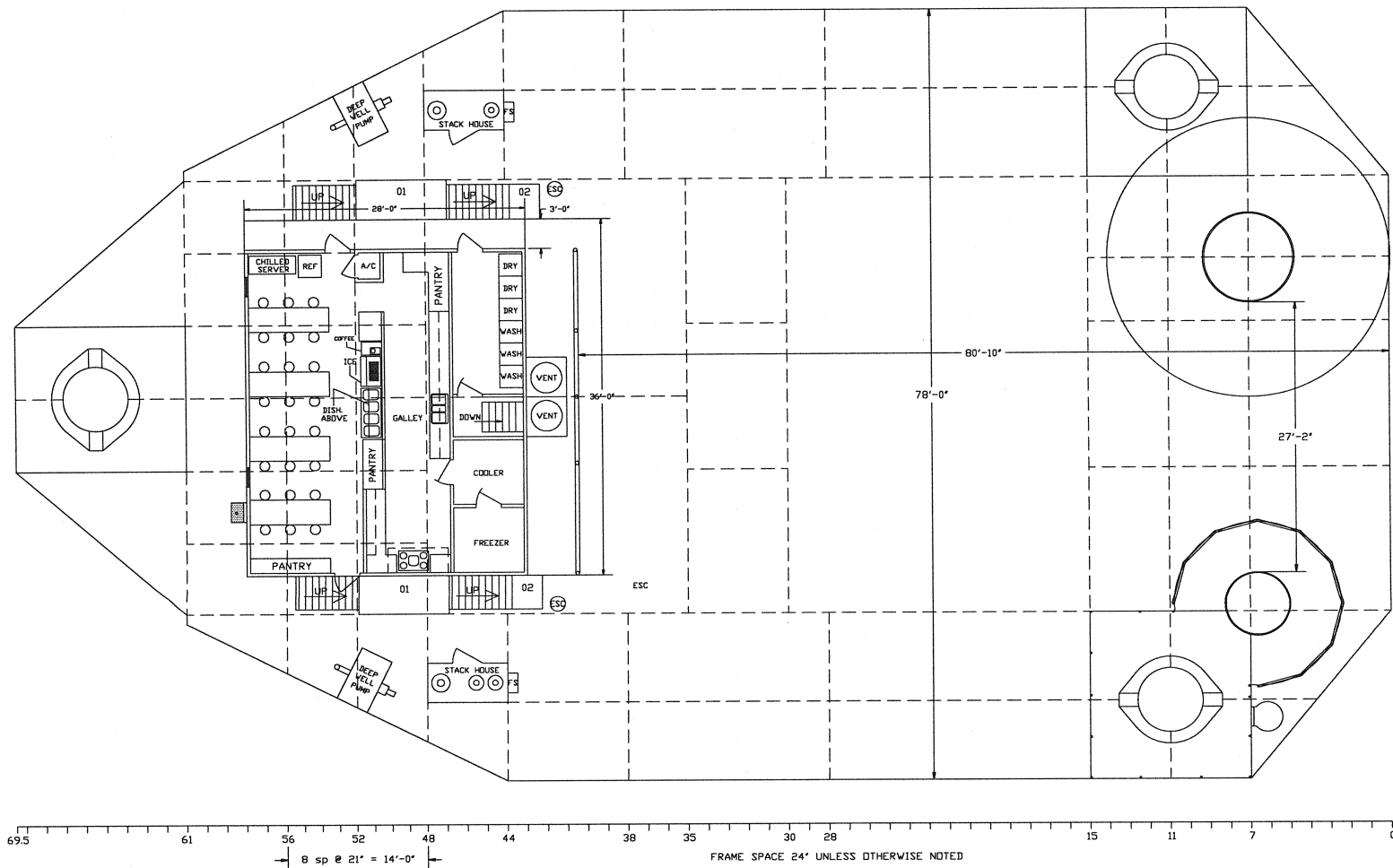
**OFFSHORE
LIFTBOATS**



L/B Lauren Frances

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		CLASS 230-LER LIFTBOAT MAIN DECK							
NAI	C-1071	SCALE	3/16" = 1'-0"	ENG'D BY	S-XX	DESIGNED BY	1	SHEET	1 of 1

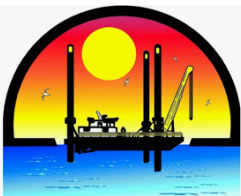
L/B Lauren Frances



GENERAL ARRANGEMENT MAIN DECK

SCALE 3/16" = 1'-0"

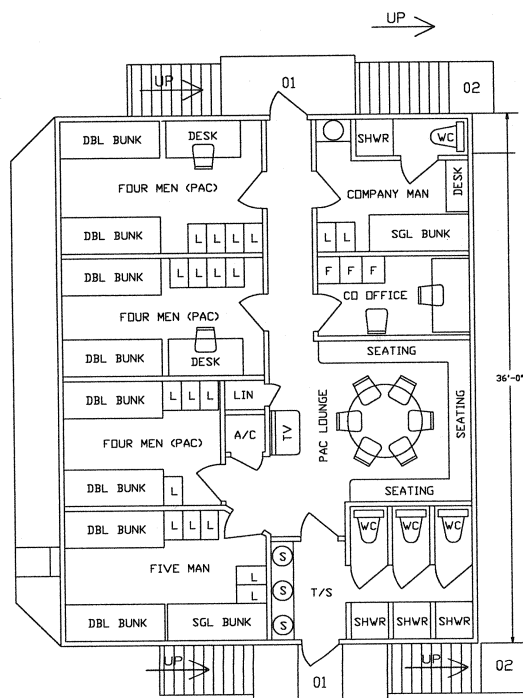
GENERAL INFORMATION



**OFFSHORE
LIFTBOATS**

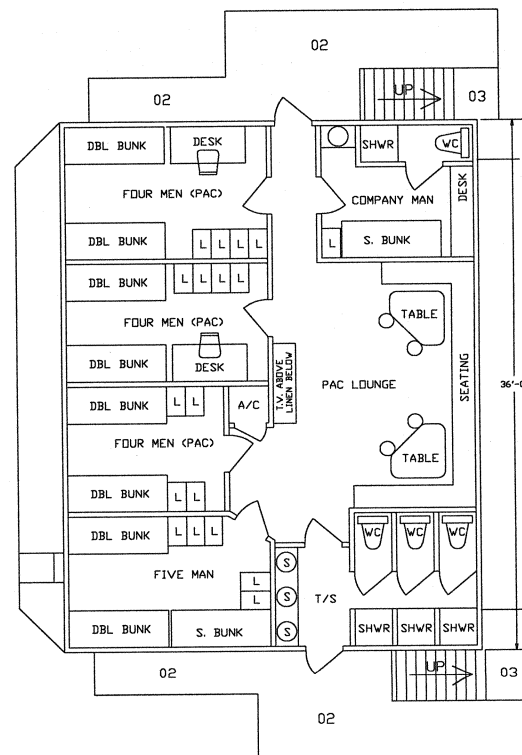
FOR M/V LAUREN FRANCIS CONRAD C-1071	
REVISIONS	
DYNAMICS MARINE, INC. 2483 LITTLE LANE - NE, WESSON, MS 39191 601-695-4363	
CONRAD SHIPYARDS, LLC.	
OFFSHORE LIFTBOATS, LLC. CLASS 230 LIFTBOAT MAIN DECK ARRANGEMENT	
DATE:	APPV:
BY: GILLY	NO: GA-03

L/B Lauren Frances



GENERAL ARRANGEMENT 01 LEVEL

SCALE 1/4" = 1'-0"



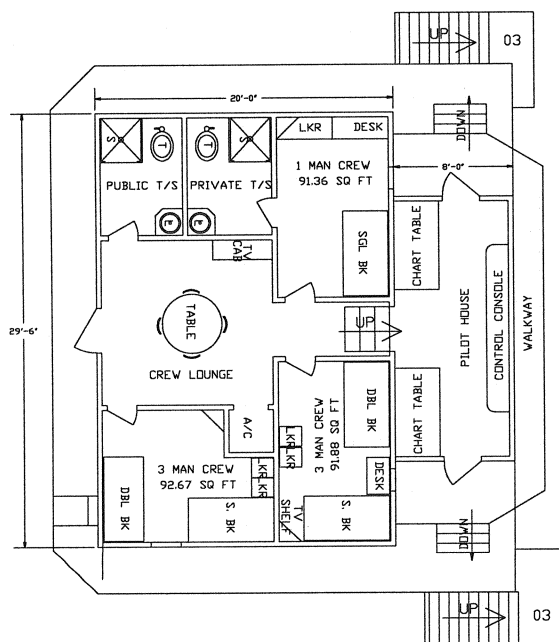
GENERAL ARRANGEMENT 02 LEVEL

SCALE 1/4" = 1'-0"

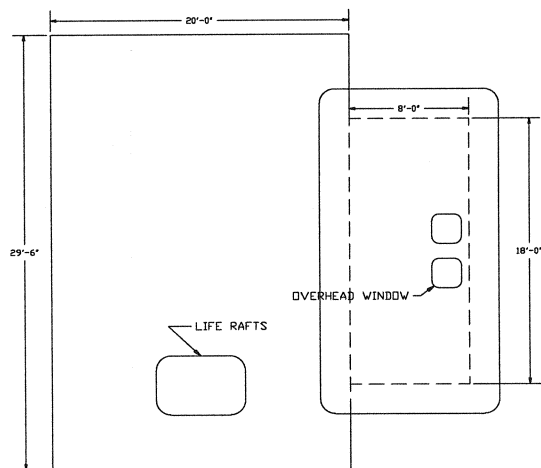


FOR M/V LAUREN FRANCIS CONRAD C-1071	
REVISIONS	
DYNAMICS MARINE, INC. 2483 LITTLE LANE - NE, WESSON, MS 39191 601-695-4363	
CONRAD SHIPYARDS, LLC.	
OFFSHORE LIFTBOATS, LLC.	
GENERAL ARRANGEMENT 01 AND 02 DECKS	
DATE: 05JAN14	APPV:
BY: GILLY	NO: GA-04

L/B Lauren Frances



GENERAL ARRANGEMENT 03 LEVEL
SCALE 1/4" = 1'-0"



GENERAL ARRANGEMENT 04 LEVEL
SCALE 1/4" = 1'-0"



FOR CONRAD HULL NO. C-1071

REVISIONS

DYNAMICS MARINE, INC.
2483 LITTLE LANE-NE, WESSON, MS 39191
601-695-4363

CONRAD SHIPYARD, LLC

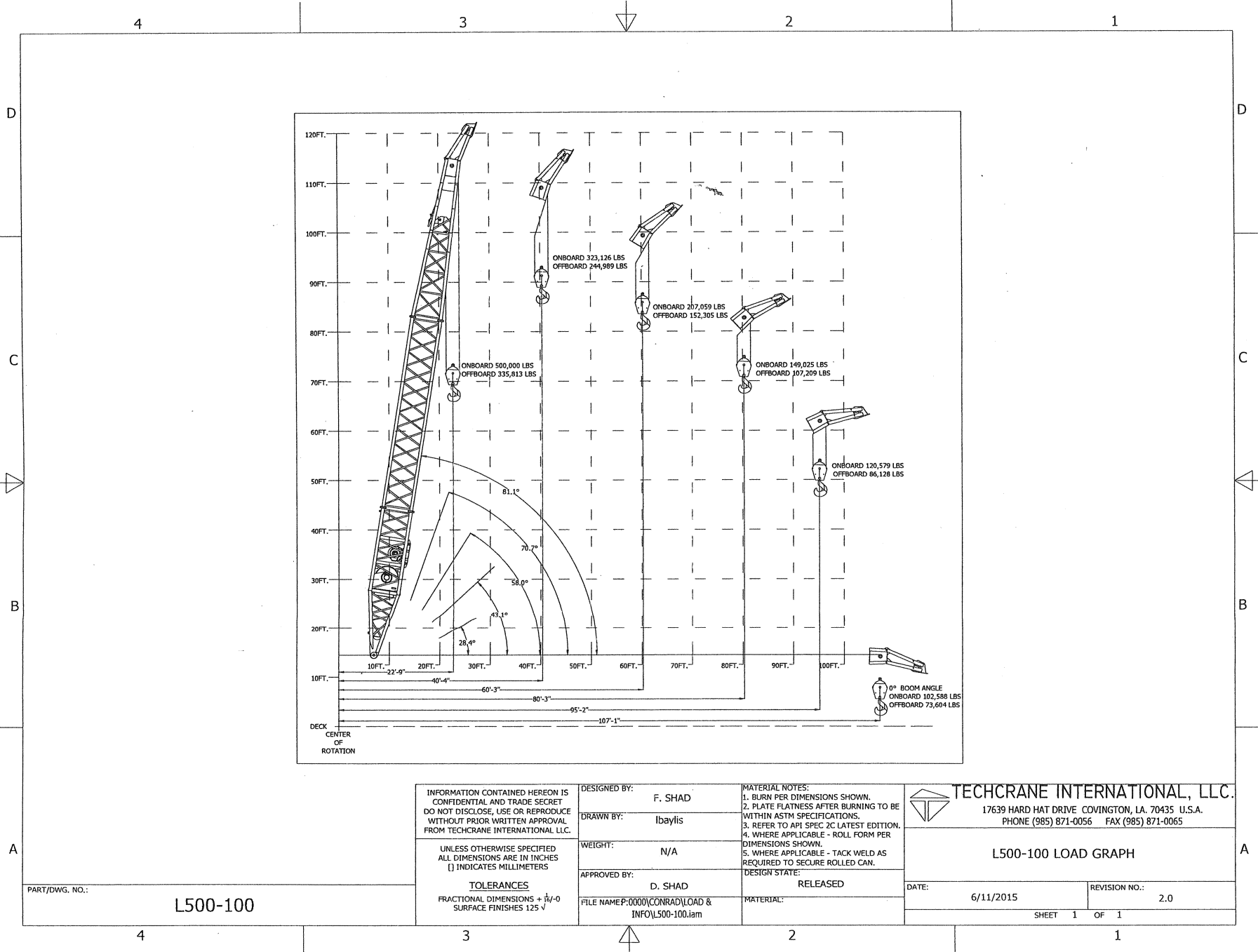
OFFSHORE LIFTBOATS, LLC
CLASS 200-LER LIFTBOAT
GENERAL ARRANGEMENT 03 AND 04 DECKS

DATE: 29SEP13 APPV:

BY: GILLY

ND: GA-05





16.0		
9.9		
Techcrane International, LLC		
Crane Model	Job Number	Serial Number
T120-58-100	1246	T12058100T1029
Offshore Liftboats		
Installation type: Bottom Supported Structure		
Method: Legacy Dynamic Method NO LIST, NO TRIM, NO MOTION		

FULLY RETRACTED LOAD CHART							FULLY EXTENDED LOAD CHART						
Reach Main Line (Feet)	Boom Angle Main Line (Deg)	Onboard Load (Pounds)	Offboard Load (Pounds) WITH Cv=2	Aux. Load line (Pounds)	Onboard Personnel Rated load using Main line (Pounds)	Personnel Rated load using Aux. line (Pounds)	Reach Aux. Line (Feet)	Boom Angle Aux. Line (Deg)	Onboard Load (Pounds)	Offboard Load (Pounds) WITH Cv=2	Aux. Load line (Pounds)	Onboard Personnel Rated load using Main line (Pounds)	Personnel Rated load using Aux. line (Pounds)
10	80.1	120,000	110,900	9,000	11,848	4,500	10	83.5	98,340	61,840	9,000	11,848	4,500
15	78.0	112,090	101,900	9,000	11,848	4,500	15	80.5	84,040	56,973	9,000	11,848	4,500
20	73.0	93,940	85,400	9,000	11,848	4,500	20	78.0	68,090	52,984	9,000	11,848	4,500
25	68.0	80,740	73,400	9,000	11,848	4,500	25	75.0	59,290	49,534	9,000	11,848	4,500
30	62.0	71,390	64,055	9,000	11,848	4,500	30	72.0	52,690	46,523	9,000	11,848	4,500
35	56.0	64,240	55,560	9,000	11,848	4,500	35	69.0	46,640	43,873	9,000	11,848	4,500
40	50.0	58,740	49,015	9,000	11,848	4,500	40	66.0	42,515	41,538	9,000	11,848	4,500
45	43.0	54,065	43,686	9,000	11,848	4,500	45	63.0	41,140	37,690	9,000	11,848	4,500
50	35.0	50,490	39,020	9,000	11,848	4,500	50	59.5	35,090	33,651	9,000	11,848	4,500
55	25.0	48,840	34,210	9,000	11,848	4,500	55	56.5	32,615	30,314	9,000	11,848	4,500
58	0.0	40,404	26,937	9,000	11,848	4,500	60	53.0	30,278	27,499	9,000	11,848	4,500
60	0.0	--	--	9,000	--	4,500	65	49.5	28,215	25,080	9,000	11,848	4,500
							70	45.5	26,290	22,964	9,000	11,848	4,500
							75	41.5	24,640	21,076	9,000	11,848	4,500
							80	37.0	23,265	19,355	9,000	11,632	4,500
							85	32.0	21,890	17,734	9,000	10,945	4,500
							90	26.0	20,790	16,125	9,000	10,395	4,500
							95	18.0	19,690	14,335	9,000	9,845	4,500
							100	0.0	15,668	10,164	9,000	7,834	4,500
							102	0.0	--	--	9,000	--	4,500

Load line wire rope: 1" Dyform 18 Breaking strength: 122,200 lbs Working strength: 26,827 lbs Weight of travel block: 2,157 lbs Max. hook speed: 30 ft/min	Aux. line wire rope: 3/4" Dyform 18 Breaking strength: 64,800 lbs Working strength: 12,456 lbs Weight of Overhaul balt: 200 lbs Max. hook speed: 200 ft/min
Reach = Center of base rotation to center of load line sheave. The published load chart includes the weight of the block and rigging as stated above.	
TECHCRANE INTERNATIONAL 17639 HARD HAT DRIVE COVINGTON, LOUISIANA 70435 U.S.A. BUS: 985-871-0055 FAX: 985-871-0065 E-MAIL: sales@techcrane.com	

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	DRAWN BY: A. GUIDRY		
	WEIGHT: N/A	DESIGN STATE: RELEASED	
	APPROVED BY: D. SHAD	MATERIAL: —	
FILE NAME: WORKBOOK 1246	DATE: 02/27/15		REVISION NO.: 2.3
SHEET 1 OF 2			