



M/V RAM VIII, RAM X & RAM XI Liftboat Vessel Class 175' Leg

DIMENSIONS and REGULATORY INFORMATION

Length (Overall)	113'	Open Deck Area	3,600 sq ft
Beam (Overall)	70'	Design Draft	9'5"
Beam (Barge Only)	64.5'		
Depth (Barge Only)	9'		
Classification	ABS	Flag	U.S.
Certifications	Loadline, American Bureau of Shipping		

HULL CHARACTERISTICS & LEGS

Gross Tonnage	168	Number of Legs	3
Net Tonnage	134	Length	175'
Max Deck Cargo	400,000#	Size	54" diameter
		Wall Thickness	3/4"-1" (braced inside)

PERFORMANCE & FUEL

Max Speed	8 knots	Fuel Capacity	8,547 gallons
Cruise Speed	8 knots	Potable Water	13,625 gallons

MACHINERY & PROPULSION

Main Engines	Two (2) 12V-92T Detroit Diesel	Generator Engines	Two (2) 6-71 Detroit Diesel
Rated Ship	1060 HP (approx.)	Generator	Two (2) 75 kw
Reduction Gear	Twin Disc		

CRANE (NAUTILIUS) HYDRAULIC

Capacity	10 & 70 Ton	Boom Length (10 Ton)	Fixed 60'
		Boom Length (70 Ton)	Fixed 100'

PADS & JACKING SYSTEM

Length	26'	VHF	Loud Hailer
Width	14'	SSB	Radar
Depth	2'	Fathometer	DDS TV
Configuration	Raked On Both Ends	Tilt Alarm	
Max. Working Water Depth	130'	GPS	
Max. Sea Conditions (Jacking)	5'		

ELECTRONICS

ACCOMODATIONS

Available Berths (Excluding Crew)

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M/V RAM VIII, RAM X & RAM XI
CLASS 175' LEG
BOOM CHART

LIFTING LOAD CAPACITY CHART
NAUTILUS MODEL - 35B4-60

LIFTING LOAD CAPACITY CHART
NAUTILUS MODEL - 340L-100

10 TON CRANE
60' BOOM CRANE

70 TON CRANE
100' BOOM CRANE

MAIN HOIST

MAIN HOIST

RADIUS (FT)	BOOM ANGLE (DEG)	4- PART REEVING		RADIUS (ft)	BOOM ANGLE (deg)	4- PART REEVING	
		STATIC (LB)	DYNAMIC (LB)			Static (LB)	Dynamic (LB)
10	80	17,660	11,640	21	81	139,812	92,275
15	76	16,595	10,930	25	78	115,078	75,785
20	71	15,556	10,237	30	75	95,115	62,477
25	68	13,443	8,829	35	73	80,613	52,809
30	61	10,970	7,180	40	70	69,600	45,467
35	55	9,218	6,012	45	66	60,950	39,700
40	49	7,911	5,141	50	63	53,975	35,050
45	42	6,899	4,466	55	60	48,230	31,220
50	35	6,092	3,928	60	57	43,415	28,010
55	25	5,433	3,489	65	53	39,320	25,280
60	0	3,795	2,397	70	49	35,794	22,929
				75	46	32,725	20,883
				80	41	30,028	19,085
				85	37	27,639	17,493
				90	32	25,508	16,071
				95	26	23,588	14,792
				100	18	21,848	13,632
				105	0	20,228	12,552