

M/V SUPERIOR INTERVENTION

Marine Division Liftboat Specifications



Class 200

Official No.: 1052908

Year Built: 2006

Call Sign:

Vessel will be Sub-Chapter 1, Solas and Lloyds Classed. The Vessel will be under 200 GRT and under 1600 ITC Tons, Equipped with Emergency Ge. and will be Heliport Ready.

- 200' Legs
- 4320 Square Feet of Total Deck Area
- 295,000 Lbs. Variable Deckload
- Works In Water Depths Up To 145'
- Sleeps 37 Persons, Including a Standard Crew Complement of 5
- Can travel with 16 Passengers

Gross MetricTons: ITC:

Net Tons:

- USCG Inspected
- ABS Classed
- SOLAS Classed
- SOLAS Ready
- Lloyds Classed
- Moonpool Equipped
- Zero Discharge Capable
- Zero Discharge Ready

Vessel Characteristics

Hull Dimensions

Length Overall (ft.)	132'
Length (Barge Only) (ft.)	117'
Beam Overall (ft.)	77'
Beam (Barge Only) (ft.)	49'
Hull Depth (ft.)	10'
Design Draft (ft.)	7' 9"
Open Deck Area (sq. ft.)	3498
(Irregular 57 x 73.6)	

Leg Dimensions

<input checked="" type="checkbox"/> Internally Braced	Number of Legs	3
	Leg Length (ft.)	200'
	Leg Diameter (in.)	52"
	Leg Wall (in.)	1.5"
	Leg Tower Height (ft.)	18'
Triangle: 58 P/S x 87 AFT		

Pad Dimensions

Pad Length (ft.)	38'
Pad Width (ft.)	14'
Pad Depth (ft.)	2.6

Comments: Raked at both ends

Crane Specifications

	Port	Starboard
Make	Amclyde	Nautilus
Model	20000	20T
Load Rating (tons)	100	25
Rated @ (ft.)	30'	10'
Boom Type	Lattice	Telescoping
Boom Length (ft.)	100'	70'
Crane Inst. Type	Pedestal	Pedestal

All published load ratings are based upon a 20ft. radius

Propulsion

<input checked="" type="checkbox"/> Bow Thruster Equipped	
Mains - Make	Cummins
Mains - Model	KTA38-MO
Horsepower	1700

Clutch Make/Reduction

Generators

Generator Engine Make	Cummins
Generator Engine Model	6CTA8.3-DM
Generator Output	125 kw
<input checked="" type="checkbox"/> Equipped w/ Aux Genset	Output:

Capacities

Diesel Fuel (gal.)	10,300
Potable Water (gal.)	17,000
<input type="checkbox"/> Watermaker Equipped	

Electronic Aids & Communications

- Compass
- GPS/DGPS
- Loran
- Radar
- Fathometer
- Loudhailer
- Satellite Phone
- Cellular Phone
- Private Freq Radiotelephone
- VHF Radio
- Single Sideband Radio
- GMDSS

Personnel Accommodations Features

Total Sleeping Accommodations	37
VIP Accommodations	2
Crew Accommodations	7
Contractor Accommodations	28

Other Features

- VIP Office
- Galley & Dining
- TV Lounge
- Laundry Facility
- Air Conditioned/Heated

Performance Characteristics

Estimated Speed	6 mph/ 5.21 knots
Max Separation, Pad to Deck (ft.)	182'
Max Working Water Depth (ft.)	145'
Min Working Water Depth (ft.)	11'
Max Jacking	Soft Bottom 5'
Sea States (ft.)	Hard Bottom 4'

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LOAD CHART



**Class
200**

MODEL - AMCLYDE 20000 100 FOOT BOOM / BOOM CABLE 7/8 X 1010' • 6 X 25

CRANE		PORT					
		4 PARTS OF LINE		6 PARTS OF LINE		8 PARTS OF LINE	
RADIUS IN FEET	RADIUS IN FEET	STATIC	DYNAMIC	STATIC	DYNAMIC	STATIC	DYNAMIC
25	25	100,00	100,000	150,000	133,000	200,000	133,000
30	30	100,00	100,000	150,000	127,000	200,000	127,000
35	35	100,00	100,000	150,000	108,000	165,000	108,000
40	40	100,00	93,000	142,000	93,000	142,000	93,000
45	45	100,00	81,000	125,000	81,000	125,000	81,000
50	50	100,00	72,000	110,000	72,000	110,000	72,000
55	55	99,000	64,000	99,000	64,000	99,000	64,000
60	60	90,000	58,000	90,000	58,000	90,000	58,000
65	65	82,000	53,000	82,000	53,000	82,000	53,000
70	70	76,000	48,000	76,000	48,000	76,000	48,000
75	75	70,000	45,000	70,000	45,000	70,000	45,000
80	80	65,000	41,000	65,000	41,000	65,000	41,000
85	85	60,000	38,000	60,000	38,000	60,000	38,000
90	90	57,000	36,000	57,000	36,000	57,000	36,000
95	95	53,000	33,000	53,000	33,000	53,000	33,000
100	100	50,000	31,000	50,000	31,000	50,000	31,000
105	105	47,000	29,000	47,000	29,000	47,000	29,000
106	106	46,000	29,000	46,000	29,000	46,000	29,000

HEELPIN 7' FROM BOW & 11FT. 8.5 IN. ABOVE DECK

MODEL -EBI CRANE TC30-40-70

STBD API LOAD CHART

CRANE		RETRACTED 40' FT MAX REACH						EXTENDED 50' FT MAX REACH						EXTENDED 60' FT MAX REACH						EXTENDED 70' FT MAX REACH					
		LOAD LINE LBS		FAST LINE LBS		BOOM ANGLE	LOAD LINE LBS		FAST LINE LBS		BOOM ANGLE	LOAD LINE LBS		FAST LINE LBS		BOOM ANGLE	LOAD LINE LBS		FAST LINE LBS		BOOM ANGLE	LOAD LINE LBS		FAST LINE LBS	
RADIUS IN FEET	BOOM ANGLE	STATIC	DYNAMIC	STATIC	DYNAMIC		STATIC	DYNAMIC	STATIC	DYNAMIC		STATIC	DYNAMIC	STATIC	DYNAMIC		STATIC	DYNAMIC	STATIC	DYNAMIC		STATIC	DYNAMIC	STATIC	DYNAMIC
10	76'	53,040	34,890	4,890	4,890	78'	20,290	20,290	4,890	4,890	80'	20,090	20,090	4,890	4,890	82'	20,090	20,090	4,890	4,890					
15	69'	39,015	25,540	4,890	4,890	73'	20,290	20,290	4,890	4,890	76'	20,090	19,860	4,890	4,890	78'	20,090	16,860	4,890	4,890					
20	61'	30,485	19,840	4,890	4,890	67'	20,290	18,890	4,890	4,890	71'	20,090	15,990	4,890	4,890	73'	18,860	12,090	4,890	4,890					
25	53'	25,290	16,390	4,890	4,890	60'	20,290	15,340	4,890	4,890	66'	20,090	13,310	4,890	4,890	69'	15,765	10,040	4,890	4,890					
30	43'	21,165	13,640	4,890	4,890	54'	20,115	12,960	4,890	4,890	60'	17,715	11,340	4,890	4,890	65'	13,290	8,390	4,890	4,890					
35	31'	17,490	11,190	4,890	4,890	46'	17,190	10,990	4,890	4,890	55'	15,465	9,860	4,890	4,890	60'	11,340	7,090	4,890	4,890					
40	0	10,665	6,640	4,890	4,890	38'	14,790	9,390	4,890	4,890	49'	13,590	8,590	4,890	4,890	56'	9,990	6,190	4,890	4,890					
45						27'	12,540	7,890	4,890	4,890	42'	12,240	7,960	4,890	4,890	50'	8,565	5,240	4,890	4,890					
50						0	7,440	4,490	4,890	4,890	34'	10,665	6,640	4,890	4,890	45'	7,590	4,590	4,890	4,590					
55											25'	9,090	5,590	4,890	4,890	39'	6,765	4,040	4,890	4,040					
60											0'	5,115	2,960	4,890	2,960	32'	6,090	3,590	4,890	3,590					
65																23'	5,490	3,190	4,890	3,190					
70																0	3,390	1,790	3,390	1,790					

VALUES SHOWN ARE HOOK LOADS

EBI LOAD LINE BLOCK AND HOOK WIEGHT IS 13,000 LBS

EBI WHIP LINE BLOCK AND HOOK WEIGHT IS 110 LBS.

THE LOADS SHOWN ARE LESS THAN THE ALLOWABLES TO ACCOUNT FOR THE WEIGHT OF THE BLOCKS AND HOOKS

LOAD LINE: 4-PART LINE, 1" 6 X 25 EIPS IWRC

100,000 LB NOMINAL STRENGTH

20,000 LB WORKING

FAST LINE: 1-PART 9/16" 9 X 17 EIPS IWRC

25,000 LB. NOMINAL STRENGTH

5,000 LB. WORKING

M/V SUPERIOR INTERVENTION

LIFTBOAT SPECIFICATIONS



Class
200

