

# M/V SUPERIOR VICTORY

## Marine Division Liftboat Specifications



# Class 200

Official No.: 1098667

Year Built: 2000

Call Sign: WDA 5256

- 200' Legs
- 4,350 Square Feet of Total Deck Area
- 800,000 Lbs. Variable Deckload
- Works In Water Depths Up To 145'
- Sleeps 36 Persons, Including a Standard Crew Complement of 7
- Can travel with 29 Passengers

- Gross Tons: 191    ITC: 674  
 Net Tons: 130    202
- USCG Inspected
  - ABS Classed
  - SOLAS Classed
  - SOLAS Ready
  - Moonpool Equipped
  - Zero Discharge Capable
  - Zero Discharge Ready

## Vessel Characteristics

### Hull Dimensions

Length Overall (ft.)	115'
Length (Barge Only) (ft.)	111.3'
Beam Overall (ft.)	74'
Beam (Barge Only) (ft.)	66.6'
Hull Depth (ft.)	10'
Design Draft (ft./in.)	9' 6"
Open Deck Area (sq. ft.)	3,575
	55 x 65

### Leg Dimensions

<input checked="" type="checkbox"/> Internally Braced	Number of Legs	3
	Leg Length (ft.)	200'
	Leg Diameter (in.)	66"
	LegWall (in.)	1' - 3/4"
	Leg Tower Height (ft.)	19'
	Triangle: 58 P/S x 87 AFT	

### Pad Dimensions

Pad Length (ft.)	32'
Pad Width (ft.)	16'
Pad Depth (ft.)	2.6'

Comments: Raked at both ends

### Crane Specifications

	Port	Starboard
Make	Ram	EBI Cranes
Model	125-100	TC-30B4070
Load Rating (tons)	125	25
Boom Type	Lattice	Telescoping
Boom Length (ft.)	80'	70'
Crane Inst. Type	Pedestal	Pedestal

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

### Propulsion

<input type="checkbox"/> Bow Thruster Equipped	
Mains - Make	Caterpillar
Mains - Model	3412
Horsepower	1080

Clutch Make/Reduction

### Generators

Generator Engine Make	Caterpillar
Generator Engine Model	3304
Generator Output	Two (2) 95 kw
<input type="checkbox"/> Equipped w/ Aux Genset	Output:

### Capacities

Diesel Fuel (gal.)	9,730
Potable Water (gal.)	15,194
<input type="checkbox"/> Watermaker Equipped	

### Electronic Aids & Communications

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

### Personnel Accommodations Features

Total Sleeping Accommodations	30
VIP Accommodations	1
Crew Accommodations	5
Contractor Accommodations	24

### Other Features

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

### Performance Characteristics

Estimated Speed	5 mph/ 4.34 knots
Max Separation, Pad to Deck (ft.)	181'
Max Working Water Depth (ft.)	145'
Min Working Water Depth (ft.)	10'
Max Jacking	Soft Bottom 5'
Sea States (ft.)	Hard Bottom 4'

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## LOAD CHART



**Class  
200**

### CRANE PORT CRANE

ANGLE DEGREES	RADIUS IN FEET	STATIC	DYNAMIC
81	18	255,000	170,000
80	20	255,000	170,000
76	25	255,000	170,000
73	30	255,000	170,000
69	35	117,579	78,388
65	40	189,179	126,119
61	45	167,088	111,392
57	50	149,414	99,609
52	55	134,952	89,968
48	60	122,698	81,932
43	65	112,697	75,131
37	70	103,950	69,300
30	75	93,806	62,537
22	80	81,405	54,270
9	85	86,013	44,009
0	86	57,639	38,426

HEELPIN 7' FROM BOW & 13FT. 6 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			LOAD LINE LBS		FAST LINE LBS			LOAD LINE LBS		FAST LINE LBS			LOAD LINE LBS		FAST LINE LBS	
RADIUS IN FEET	BOOM ANGLE	STATIC	DYNAMIC	STATIC	DYNAMIC	BOOM ANGLE	STATIC	DYNAMIC	STATIC	DYNAMIC	BOOM ANGLE	STATIC	DYNAMIC	STATIC	DYNAMIC	BOOM ANGLE	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

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## LIFTBOAT SPECIFICATIONS



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