

M/V SUPERIOR EXCELLENCE

Marine Division Liftboat Specifications



Class 200

Official No.: 669358

Year Built: 1984

Call Sign: WCW 7248

- 200' Legs
- 4,392 Square Feet of Total Deck Area
- 300,000 Lbs. Maximum Deckload
- Works In Water Depths Up To 135'
- Sleeps 42 Persons, Including a Standard Crew Complement of 6
- Can travel with 16 Passengers

Gross Tons: 256 ITC:

Net Tons: 174

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

Vessel Characteristics

Hull Dimensions

Length Overall (ft.)	126.5'
Length (Barge Only) (ft.)	110'
Beam Overall (ft.)	83'
Beam (Barge Only) (ft.)	50'
Hull Depth (ft.)	10'
Design Draft (ft./in.)	12' 0"
Open Deck Area (sq. ft.)	3,750
(50 x 75) Irregular	

Leg Dimensions

<input checked="" type="checkbox"/> Internally Braced	Number of Legs	3
	Leg Length (ft.)	200'
	Leg Diameter (in.)	60"
	LegWall (in.)	0.75"
	Leg Tower Height (ft.)	18'
	Triangle: 67 P/S 101 AFT	

Pad Dimensions

Pad Length (ft.)	35'
Pad Width (ft.)	16'
Pad Depth (ft.)	3.6'

Comments: Raked at both ends

Crane Specifications

	Port	Starboard
Make	SeaKing	EBI Cranes
Model	2500	C2050
Load Rating (tons)	75	10
Boom Type	Lattice	Fixed (Box)
Boom Length (ft.)	80'	60'
Crane Inst. Type	King Post	Pedestal

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

Propulsion

Bow Thruster Equipped

Mains - Make	Detroit Diesel
Mains - Model	16V92
Horsepower	1000
Clutch Make/Reduction	6:1

Generators

Generator Engine Make	Detroit Diesel
Generator Engine Model	8-71
Generator Output	Two (2) 150 kw
<input type="checkbox"/> Equipped w/ Aux Genset	Output:

Capacities

Diesel Fuel (gal.)	9,800
Potable Water (gal.)	15,400
<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	42
VIP Accommodations	2
Crew Accommodations	6
Contractor Accommodations	34

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.)	182'
Max Working Water Depth (ft.)	135'
Min Working Water Depth (ft.)	14'
Max Jacking	Soft Bottom 5'
Sea States (ft.)	Hard Bottom 4'

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LOAD CHART



**Class
200**

MODEL - SEAKING SK 2500 LOAD CHART PORT

I CRANE	SAFE WORKING LOADS	
	STATIC	DYNAMIC
RADIUS IN FEET		
15	154,418	144,954
20	154,418	117,009
25	141,946	93,964
30	118,352	78,234
35	101,221	66,814
40	88,218	58,145
45	78,012	51,341
50	69,787	45,858
55	63,018	41,345
60	57,349	37,566
65	52,533	34,355
70	48,391	31,594
75	44,790	29,193
80	41,631	27,087

MODEL -EBI C2060 LOAD CHART

STBD

III CRANE	STATIC RATING			DYNAMIC RATING		
	2 PART MAIN	4 PART MAIN	AUX PERSONNEL	2 PART MAIN	4 PART MAIN	AUX PERSONNEL
RADIUS IN FEET						
10	10,000	20,000	5,276	10,000	20,000	5,276
15	10,000	20,000	5,276	10,000	14,300	5,276
20	10,000	16,500	5,276	10,000	11,000	5,276
25	10,000	13,500	5,276	9,000	9,000	5,276
30	10,000	11,500	5,276	7,700	7,700	5,276
35	9,750	9,750	5,276	6,500	6,500	5,276
40	8,550	8,550	5,276	5,700	5,700	5,276
45	7,350	7,350	5,276	4,900	4,900	4,900
50	6,450	6,450	5,276	4,300	4,300	4,300
55	5,250	5,250	5,250	3,500	3,500	3,500
60	3,000	3,000	3,000	2,000	2,000	2,000

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LIFTBOAT SPECIFICATIONS



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