

M/V SUPERIOR ENDURANCE

Marine Division Liftboat Specifications

**Class
165**



Official No.: 653622

Year Built: 1982

Call Sign: WDA 5225

- 170' Legs
- 3,700 Square Feet of Total Deck Area
- 250,000 Lbs. Maximum Deckload
- Works In Water Depths Up To 110'
- Sleeps 41 Persons, Including a Standard Crew Complement of 6
- Can travel with 16 Passengers

- Gross Tons: 289 ITC:
Net Tons: 196
- USCG Inspected
 - ABS Classed
 - SOLAS Classed
 - SOLAS Ready
 - Moonpool Equipped
 - Zero Discharge Capable
 - Zero Discharge Ready

Vessel Characteristics

Hull Dimensions

Length Overall (ft.)	120.5'
Length (Barge Only) (ft.)	105'
Beam Overall (ft.)	76'
Beam (Barge Only) (ft.)	45'
Hull Depth (ft.)	9'
Design Draft (ft./in.)	7' 6"
Open Deck Area (sq. ft.) (45 x 70 Tapers)	2,311

Leg Dimensions

<input checked="" type="checkbox"/> Internally Braced	Number of Legs	3
	Leg Length (ft.)	165'
	Leg Diameter (in.)	48"
	LegWall (in.)	3/4"
	Leg Tower Height (ft.)	20'

Pad Dimensions

Triangle 78 P/S x 95 AFT	Pad Length (ft.)	34'
	Pad Width (ft.)	16'
	Pad Depth (ft.)	2.6'

Comments: Raked at both ends

Crane Specifications

	Port	Starboard
Make	Nautilus	EBI Cranes
Model	42 Ton DTH126-77	C20B50
Load Rating (tons)	42	5
Boom Type	Fixed (Box)	Fixed (Box)
Boom Length (ft.)	80'	50'
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	Detroit Diesel
	Mains - Model	16V71
	Horsepower	1076
	Clutch Make/Reduction Gear	3.94-1

Generators

Generator Engine Make	Detroit Diesel
Generator Engine Model	
Generator Output	99 kw
<input type="checkbox"/> Equipped w/ Aux Genset	Output:

Capacities

Diesel Fuel (gal.)	6,280
Potable Water (gal.)	10,500
<input type="checkbox"/> Watermaker Equipped	

Electronic Aids & Communications

<input checked="" type="checkbox"/> Compass	<input type="checkbox"/> Cellular Phone
<input checked="" type="checkbox"/> GPS/DGPS	<input type="checkbox"/> Private Freq Radiotelephone
<input type="checkbox"/> Loran	<input checked="" type="checkbox"/> VHF Radio
<input checked="" type="checkbox"/> Radar	<input checked="" type="checkbox"/> Single Sideband Radio
<input checked="" type="checkbox"/> Fathometer	<input type="checkbox"/> GMDSS
<input checked="" type="checkbox"/> Loudhailer	
<input checked="" type="checkbox"/> Sattelite Phone	

Personnel Accommodations Features

Total Sleeping Accommodations	41
VIP Accommodations	2
Crew Accommodations	6
Contractor Accommodations	33

Other Features

<input checked="" type="checkbox"/> VIP Office	<input checked="" type="checkbox"/> Laundry Facility
<input checked="" type="checkbox"/> Galley & Dining	<input checked="" type="checkbox"/> Air Conditioned/Heated
<input checked="" type="checkbox"/> TV Lounge	

Performance Characteristics

Estimated Speed	5 mph/ 4.34 knots
Max Separation, Pad to Deck (ft.)	145'
Max Working Water Depth (ft.)	110'
Min Working Water Depth (ft.)	9'
Max Jacking Sea States (ft.)	Soft Bottom 5' Hard Bottom 4'

