



**TRINITY**

**LIFTBOAT SERVICES, LLC**

**TRINITY III**

Official No.: 693643

Year Built: 1985

Call Sign: WDA 5224

- 145' Legs
- 2,500 Square Feet of Total Deck Area
- 150,000 Lbs. Maximum Deckload
- Works In Water Depths Up To 81'
- Sleeps 27 Persons, Including a Standard Crew Complement of 9
- Can Travel with 16 Passengers

Gross Tons: 195 ITC: 0  
Net Tons: 161

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

**Hull Dimensions**

Length Overall (ft.)	95.6'
Length (Barge Only) (ft.)	80'
Beam Overall (ft.)	70'
Beam (Barge Only) (ft.)	40'
Hull Depth (ft.)	8'
Design Draft (ft./in.)	7' 3"
Open Deck Area (sq. ft.)	2,084
(49.6 x 35) Irregular	

**Generators**

Generator Engine Make	Detroit Diesel
Generator Engine Model	6-71
Generator Output	Two (2) 99 kw
<input type="checkbox"/> Equipped w/ Aux Genset	<b>Output:</b>

**Capacities**

Diesel Fuel (gal.)	6,440
Potable Water (gal.)	9,450
Watermaker Equipped	

**Leg Dimensions**

Internally Braced

Number of Legs	3
Leg Length (ft.)	145'
Leg Diameter (in.)	42"
STBD LegWall (in.)	5/8"
PORT & STERN LegWall (in.)	9/16"
Leg Tower Height (ft.)	16'
Triangle:	

**Electronic Aids & Communications**

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

**Pad Dimensions**

Pad Length (ft.)	30'
Pad Width (ft.)	15'
Pad Depth (ft.)	2'

Comments: Raked at both ends

**Personal Accommodations Features**

Total Sleeping Accommodations	27
VIP Accommodations	2
Crew Accommodations	9
Contractor Accommodations	16

**Crane Specifications**

	Port	Starboard
Make	N/A	Crown Point
Model	N/A	100k-30
Load Rating (tons)	N/A	50
Boom Type		Lattice
Boom Length (ft.)		70'
Crane Inst. Type		Leg Mount

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

**Other Features**

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

**Propulsion**

Bow Thruster Equipped

Mains - Make	Detroit Diesel
Mains - Model	12V71
Horsepower Approx.	900 SHP

**Performance Characteristics**

Estimated Speed	5 mph/ 4.34 knots
Max Separation, Pad to Deck ( ft.)	129'
Max Working Water Depth ( ft.)	81'
Min Working Water Depth ( ft.)	7'6"
Max Jacking Soft Bottom	5'
Sea States (ft.) Hard Bottom	4'

## CRANE INFORMATION | TRINITY III

### MODEL - 100K-30F STBD LEG CRANE

<b>CRANE I</b>			
		70 FT LEG BOOM CRANE	
RADIUS IN FEET	ANGLE IN DEGREES	STATIC	DYNAMIC
20	77	115,590	76,120
25	73	106,870	70,310
30	68	100,090	65,800
35	64	89,020	58,440
40	59	77,200	50,580
50	49	60,660	39,580
60	37	49,630	32,250
65	30	45,390	29,430
70	21	41,750	27,101
73	10	39,500	25,520
74	0	38,900	25,110

**CENTER OF PEDESTAL TO BOW = 18FT.  
CENTER OF PEDESTAL TO STBD SIDE = 7.5FT.**



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## VESSEL LAYOUT | TRINITY III

