

# Bourbon Liberty 200 AHTS

More reliable and cost efficient

The Bourbon Liberty 200 Series is a modern diesel electric and versatile anchor handling towing supply vessel equipped with state-of-the art technology:



## MACHINERY / PERFORMANCE

### PROPULSION - MACHINERY

Main generators: 3 x 1,825 kW @ 1,800 rpm, 3ph/480VAC/60Hz  
 Propellers in nozzles: 2 x 1,685 kW Z Drive propellers, 360° azimuth thrusters  
 1 x 1,685 kW Z drive propeller fixed thruster  
 Bow thrusters: 2 x 560 kW fixed pitch variable speed thruster  
 Emergency generator: 1 x 170 kW

### SPEED / CONSUMPTION AT 4,90m DRAFT

Maximum speed (100%): 12.5 T per day at 12,5 knots  
 Service Speed : 9,5 T per day at 11,5 knots  
 Economical Speed : 8 m³/24 h at 10 knots

## EQUIPMENT & ELECTRONICS

### DYNAMIC POSITIONING SYSTEM

DP Class II, 2 DGPS Fugro / 1 cyscan

### COMMUNICATION

3 satellite communication systems: Vsat, Fleet 77  
 Email / IP voice facilities  
 GMDSS A3

### FIRE FIGHTING

FIFI Class I 2 pumps x 1,500 m³/h - 2 monitors x 1,200m³  
 Foam  
 Water spray protection

### ACCOMMODATION

Passengers and crew: 22 bunks distributed as follows:  
 4 x 1 man cabins  
 5 x 2 man cabins  
 2 x 4 man cabins  
 Fully air-conditioned

### DECK EQUIPMENT

Towing / Anchor-handling electro-hydraulic high pressure winch: 2 drums  
 in waterfall arrangement each equipped with:  
 - Drum size: 900/2,250 mm dia. X 1,800 m length  
 - Drum capacity: 1,500 m of 2" steel wire  
 Each drum capacity : xm of 2" wire  
 - Rated pull: 150 t on 1 st. layer @0-8.5 m/min.  
 - Brake holding load: 250t on 1 st. layer  
 2 cable listers for 2"1/2 and 3" chains  
 Stern roller SWL: 1,500 mm dia. X 2,500 m length  
 Storage reel: 813 / 2,300 mm dia. X 1,600 mm length.  
 Capacity: 1,500 m of 2" wire  
 Tugger Winch: 2 x 10 mt pull  
 Deck cargo crane: 1,8 t @ 6 m

## MAIN PARTICULARS

Length overall: 59.78 m  
 Breadth moulded: 15 m  
 Depth: 5.50 m  
 Design draft: 4.30 m, Max draft 4.88 m  
 Deadweight: approx. 1690 mt  
 Gross tonnage: approx. 1600  
 Bollard Pull: approx 80 t  
 Class: ABS ✕ A1 Towing Vessel, Offshore Support and Anchor handling,  
 ✕ AMS, ✕ DPS-2, ✕ FiFi-1, with control and monitoring  
 for periodically unattended machinery spaces.

## CAPACITIES

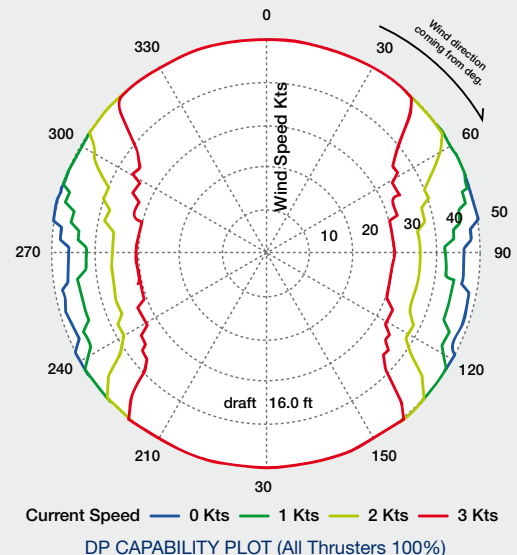
Deck area: (24.4m x 12.4m) 303 m²  
 Max Deck cargo: Approx 800 mt  
 Fuel oil: 640 m³  
 Drill water: 427 m³  
 Fresh water: 354 m³  
 Liquid mud (8 tanks): 653 m³  
 Cement: 170 m³  
 Foam: 13.6 m³

## DELIVERY RATES

Fuel oil: 150 m³/h at 60 m  
 Drill / water / ballast: 150 m³/h at 70 m  
 Fresh water: 150 m³/h at 70 m  
 Drill water / ballast:  
 Bulk material: 50 mt/h at 60 m  
 Liquid mud: 2 x 150 m³/h at 60 m  
 Liquid mud tanks fitted with agitators and fixed washing system.

## DP CAPABILITY PLOT

- Tremendous Station Keeping capability
- Exceptional Maneuverability
- Safer Operations alongside rigs & platforms
- Increased operational time in adverse conditions



All particulars believed to be correct but not guaranteed