



# VERA BISSO

## TWIN SCREW TUG WITH FLANKING RUDDERS



### BACKGROUND

**Owner/Operator:** E.N. Bisso  
**Builder:** Bollinger Shipyards, Lockport, LA  
**Delivered:** 1999  
**Official #:** 1086279  
**IMO #:** 9221140  
**Call Sign:** WDC3027  
**USCG Inspected, ABS Load Line**  
**ABS Safety Management Certificate**

### PROPULSION

**Engines:** 2 x EMD 16-645-E6 – 4,200bhp  
**Bollard Pull:** 69 tons  
**Reduction Gears:** 2 x Haley Marine gear boxes  
5.9:1 turning 138" x 111" 4-blade propellers in  
Kort nozzles  
**Generators:** 2 x John Deere, 125kW

### DIMENSIONS

**LOA:** 105'  
**Breadth:** 40'  
**Depth:** 17.2'  
**Speed:** 13 knots  
**GRT:** 98 US / 416 ITC

### DECK EQUIPMENT

**Winches:** Markey double drum hydraulic bow  
hawser winch; Single drum hydraulic stern hawser  
winch with 700' of 2.5" plasma synthetic line  
**Cordage:** 2 x 300' lines of 8" Saturn 12

### NAVIGATION

**Radar:** 1 x Furuno FR-8065  
1 x Furuno FR-8062  
**Electronic Chart Display:** Rose Point  
**GPS:** Furuno FP-150 with WAAS Navigator  
**Compass:** Magnetic

### COMMUNICATIONS

**VHF Radios:** 1 x ICOM IC-M504  
1 x ICOM IC-M605 Class D DSC

### FIREFIGHTING

**Monitor:** 1 x Stang 342-11EP In-Mar fire  
monitor capable of 3,500 GPM @ 150 PSI.  
Manual operating style.