



# GASPARILLA TWIN Z-DRIVE TUG



## BACKGROUND

**Owner/Operator:** E.N. Bisso  
**Builder:** Eastern Shipbuilding, Panama City, FL  
**Delivered:** 2007  
**Official #:** 1190054  
**IMO #:** 9397389  
**Call Sign:** WDJ5394  
**USCG Inspected**  
**ABS Full Class, Escort Vessel, Towing Vessel**  
**ABS Safety Management Certificate**

## PROPULSION

**Engines:** 2 x CAT 3516BHD – 5,000 bhp  
**Bollard Pull:** 66.91 tons  
**Z-Drives:** 2 x Schottel SRP1215FP turning 94.5” propellers  
**Generators:** 2 x CAT C7.1, 135kW

## DIMENSIONS

**LOA:** 96’  
**Breadth:** 34’  
**Depth:** 14’ 9”  
**Speed:** 14.5 knots  
**GRT:** 189 US / 128 NRT

## DECK EQUIPMENT

**Forward Hawser Winch:** JonRie/HAGGLUNDS Escort Winch, Series 200, with 500’ of 7” Synthetic Hawser  
**Aft Hawser Winch:** JonRie/HAGGLUNDS Tow Winch, Series 200, with 450’ of 2.5” hawser

## NAVIGATION

**Radar:** 2 x Furuno FR7062 64 N, 12” CRT Display, 4’ Open Array Antenna with GPS and Compass Interface  
**Electronic Chart Display:** Rose Point ECS  
**GPS:** 1 x Furuno GP90 GPS/WAAS Navigator with 6” Display  
**Compass:** Simrad APC-135 6.5” magnetic compass. Electronic Chart System  
**Autopilot:** Simrad AP50

## COMMUNICATIONS

**VHF Radios:** 1 x – ICOM IC-M604  
1 x – Standard Horizon Quantum GX6000

## FIREFIGHTING

**ABS:** Fire Fighting Class I  
**FIFI-1 Monitors:** 2 x Model FFS Model IM/FFS-1,200 lbs. each, Water Capacity 5,284 GPM @ 400’, remote operated  
**FIFI-1 Pumps:** 2 x NIJHUIS HGT1.250.500, 5,800 GPM each  
**FIFI-1 Deluge System:** Rated at 450 GPM from the FIFI Pumps