



# ELIZABETH B. TWIN Z-DRIVE TUG



## BACKGROUND

**Owner/Operator:** E.N. Bisso  
**Builder:** Eastern Shipbuilding Group, Inc.  
**Delivered:** 2010  
**Official #:** 1225443  
**IMO #:** 9585235  
**Call Sign:** WDF3516  
**USCG Inspected, ABS Load Line  
ABS Safety Management Certificate**

## PROPULSION

**Engines:** 2 x CAT 3516C – 4,000bhp  
**Bollard Pull:** 55 tons  
**Z-Drives:** 2 x Rolls-Royce Aquamaster 205s  
turning 86.6" propellers  
**Generators:** 2 x John Deere, 99kW

## DIMENSIONS

**LOA:** 96'  
**Breadth:** 34'  
**Depth:** 14.8'  
**Speed:** 13 knots  
**GRT:** 189 US / 281 ITC

## DECK EQUIPMENT

**Winches:** Markey DEPCF-42 electric bow  
hawser winch  
**Cordage:** 400' of 8" Saturn 12

## NAVIGATION

**Radar:** 1 x Furuno Model FR 8062  
1 x Furuno Model FR 8122  
**Electronic Chart Display:** Rose Point  
1 x Furuno NavNet vx2 Plotter  
**GPS:** Furuno GP-37 with WAAS Navigator  
**Compass:** Magnetic

## COMMUNICATIONS

**VHF Radios:** 2 x ICOM IC-M504 DSC

## FIREFIGHTING

**Monitor:** 1 x FFS-1200 fire monitor capable of  
5,284 GPM. Remote operating style.