



# A. THOMAS HIGGINS TWIN Z-DRIVE TUG



## BACKGROUND

**Owner/Operator:** E.N. Bisso  
**Builder:** Eastern Shipbuilding Group, Inc.  
**Delivered:** 2020  
**Official #:** 1302233  
**IMO #:** 9907495  
**Call Sign:** WDL5779  
**USCG Inspected**  
**ABS Safety Management Certificate**

## PROPULSION

**Engines:** 2 x Tier 4 CAT 3512 – 5,100bhp  
**Bollard Pull:** 65 tons  
**Z-Drives:** 2 x Rolls-Royce Aquamaster 205s turning 98" propellers  
**Generators:** 2 x John Deere, 99kW

## DIMENSIONS

**LOA:** 80'  
**Breadth:** 38'  
**Depth:** 16'  
**Speed:** 14 knots  
**GRT:** 192 US / 374 ITC

## DECK EQUIPMENT

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

## NAVIGATION

**Radar:** 2 x Furuno FR-8065  
**Electronic Chart Display:** Rose Point  
**GPS:** Furuno GP-39 with WAAS Navigator  
**Compass:** Furuno SC-70  
**Autopilot:** Simrad AP70 Mk2

## COMMUNICATIONS

**VHF Radios:** 2 x ICOM IC-M506 Class D DSC  
**Single Side Band Radio:** ICOM IC-M802  
**Satellite Phone:** KVH Fleet One

## FIREFIGHTING

**Monitor:** 1 x Stang monitor capable of 1,500 GPM. Remote and local controls.