



**Smith Maritime**  
Ocean Towing & Salvage Services



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## TUG ELSBETH II

### General:

Year Built: 1987  
Built by Captain Latham Smith  
Official Number: 909561  
Call Sign: WDE-4405  
Class: ABS LOADLINE

### Dimensions:

LOA 110' Breadth 41'  
Draft Loaded 16' Draft Light 12'  
GRT 139 NRT 95 ITC 450

### Propulsion:

Main Engines: Starboard Engines: WARTSILA 8R22 (Engine Overhauled Nov 2019)  
Center Engine: MITSUBISHI -S16R-MPTA (New Jan 2020)  
Port Engine: MITSUBISHI – S16R-MPTA (New April 2015)  
Horsepower: 6000  
Bollard Pull: 70 tons  
Propellers: Three Ice-Class “C” props in Kort Nozzles

### Capacity:

Diesel: 110,000 us gal  
Lube Oil: 1,800 us gal  
Potable water: 8,000 us gal Equipped with Water Maker 600 gal per day

### Gear:

Tow Winch Double Drum Almond Johnson Lower drum 2200' 2.25" Upper drum 1850' 2.25"  
4 Generators (1 New and 1 Rebuilt in Jan 2013)  
Crane: 3 Ton HIAB Marine Crane  
Tugger Air: 1 ton tugger to move rigging in place  
Towing Gear: Bridles chain and wire / surge chain / portable running lights  
Pushing Gear: Pushing gear for canal transits / harbor entrances  
Satellite Communication Telaurus / Iridium

### Hull:

Heavy reinforced ½" plate / keel plate 1 ½" plate with 17 integral tanks, heavy rubber fendering

### Anchors:

2 @ 7000 pound each in recessed pockets able to anchor tug and tow / Bow windlass with capstans

### Upper Pilot House:

55 ' Eye level with full controls for inland pushing and for easy barge handling / 62' bridge clearance

### Range:

Thirty days towing / Sixty days utility work

