

VESSEL PROFILE

ABOUT THE BARGE ASHTABULA AND TUG DEFIANCE

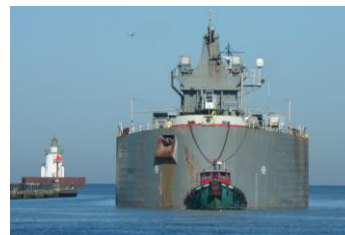
The barge Ashtabula and tug Defiance were specifically designed to operate together as a self-unloading bulk carrier. The barge was built in 1982 by Bay Shipbuilding of Sturgeon Bay, Wisconsin. The tug was also constructed in 1982 by the Marinette Marine Corporation of Marinette, Wisconsin and operates with 7200 horsepower. In 2007, the tug and barge unit were retrofitted with a Bludworth connection system and today meet the common definition of an Articulated Tug and Barge or ATB.

Rand Logistics, Inc. acquired the ATB in 2011. After a period of drydock work and upgrades including replacing the original 80 foot boom with a reconditioned 250 foot unloading boom and the addition of a bow thruster, the tug and barge were christened as the Defiance and Ashtabula respectively on October 27, 2012. The pair began service as a U.S. flagged member of the Rand Logistics fleet, operated by its subsidiary Grand River Navigation Company.

Cargo carried on the Ashtabula includes grain, stone, iron ore, coal, and other bulk commodities.

SPECIFICATIONS

LENGTH (Tug and Barge)	705'00"
BEAM	78'00"
DEPTH	51'00"
MIDSUMMER DRAFT	30'00"
UNLOADING BOOM LENGTH	250'00"
UNLOAD RATE	3,500 NT/HR
CAPACITY	31,800 tons
CUBIC CAPACITY	867,644
OPERATING SPEED	11.2 knots
AVERAGE CREW ON BOARD	13



ABOUT RAND LOGISTICS

Rand Logistics, Inc. is a leading provider of bulk freight shipping and ship repair services throughout the Great Lakes region. Through its subsidiaries, the Company operates a fleet of three conventional bulk carriers and eleven self-unloading bulk carriers including three tug/barge units. The Company is the only carrier able to offer significant domestic port-to-port services in both Canada and the U.S. on the Great Lakes. The Company's vessels operate under the U.S. Jones Act – which reserves domestic waterborne commerce to vessels that are U.S. owned, built and crewed – and the Canada Coasting Trade Act – which reserves domestic waterborne commerce to Canadian registered and crewed vessels that operate between Canadian ports.

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MORE ABOUT THE ARTICULATED TUG AND BARGE

The name 'Ashtabula' is derived from the word 'ashtepihøle' which means "always enough fish to be shared around" in the Lenape language. Ashtabula is also a city in Ohio, USA and a River on Lake Erie.

The Defiance is a pusher tug and has a length of 145 feet, a beam of 44 feet and depth of 21 feet. It also has an elevated pilot house in addition to the primary pilot house. It was named for the HMS Defiance, a 10-gun ship captured from the Parliamentarians by the Royalists in 1652 during the English Civil War.

Previous names:

Barge Erol Y. Beker and Tug April T. Beker: 1982 – 1987

Barge Mary Turner and Tug Beverly Anderson: 1987 – 2012

Barge Ashtabula and Tug Defiance: 2012 – present

