

VESSEL PROFILE

ABOUT THE BARGE MENOMINEE AND TUG OLIVE L. MOORE

Rand Logistics, Inc. acquired the barge Menominee (formerly the Lewis J. Kuber) and tug Olive L. Moore in February 2011. The Articulated Tug and Barge (ATB) is a US-flagged vessel and is operated by Rand's subsidiary, Grand River Navigation. The barge was renamed in May 2017 as the ATB completed fit out.

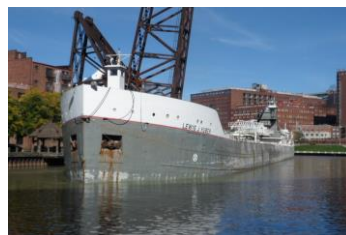
The barge was originally built as a straight deck bulker in 1952 by Bethlehem-Sparrows Point Shipyard in Sparrows Point, Maryland and became a self-unloading vessel in 1980. In 2006, the vessel completed a conversion to a new articulated self-unloading notched barge.

The tug was built in 1928 by Manitowoc Ship Building Inc. in Manitowoc, Wisconsin. In 2005, the pusher tug Olive L. Moore underwent modifications including installation of a raised pilothouse and was paired with barge Lewis J. Kuber (now the Menominee) in 2006 as an ATB with a combined length of 728 feet.

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

SPECIFICATIONS

LENGTH (Tug and Barge)	728'00"
BEAM	70'00"
DEPTH	37'00"
MIDSUMMER DRAFT	22'03"
UNLOADING BOOM LENGTH	250'00"
UNLOAD RATE	5,000 NT/HR
CAPACITY	21,000 tons
CUBIC CAPACITY	544,870
OPERATING SPEED	9.5 miles per hour
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

Keeping with the Company's tradition of naming its vessels after native North American waterways and regions, the Menominee is named after the Menominee River in northwestern Michigan and northeastern Wisconsin. The name of this 116-mile river comes from an Ojibwe Algonquian term meaning 'wild rice' or 'in the place of wild rice.'

The Menominee originated as a conventional bulker, built in 1952. One of Rand's Canadian-flagged self-unloading bulk freighters, the M/V Michipicoten, is a sister ship also built in 1952. Rand purchased the Lewis J. Kuber (now the Menominee)/Olive L. Moore and the James L. Kuber/Victory simultaneously.

Barge Previous Names:

Sparrows Point: 1952 – 1991
Buckeye 3: 1991 – 2006
Lewis J. Kuber: 2006 – May 2017
Menominee: May 2017 - present

Tug Previous Names:

John F. Cushing: 1928 – 1965
James E. Skelly: 1965 – 1966
Olive L. Moore: 1966 - present

