

CURRENT STATUS	Under Construction
TYPE	Double Hull, Unmanned, Coiled, Tank Barge
OWNER	Moran Towing Corporation
HAILING PORT	Wilmington, DE
OFFICIAL NUMBER	1261974
ABS CLASS	+A-1 Oil and Chemical Tank Barge
BUILDER	Bay Shipbuilding Sturgeon Bay, WI
HULL NUMBER	777
YEAR BUILT	2015
LENGTH	494' 7"
BREADTH	78' 0"
DEPTH	41' 0"
DRAFT	27' 6-1/16"
DRAFT BALLAST	16' 0"
CARGO TANKS	(12) Pairs, (10) Cargo and (2) Cargo/Slop
CARGO GRADE CAPABILITY	Grade B And Lower
LIQUID CAPACITY	160815 BBL
UNMANNED DEADWEIGHT CAPACITY	19684 LT
FUEL CAPACITY	25000 Gallons
BALLAST CAPABILITY	Yes, 9108 LT
BALLAST PUMPS	(2) Goulds Deepwell Pumps, 5143 BPH @ 100' TDH (Each)
CARGO PUMPS	(3) Goulds Deepwell Pumps, 7143 BPH @ 295' TDH (Each)
CARGO PUMP ENGINES	(3) John Deere 6135HF485
CARGO SEGREGATIONS	(3)
THERMAL FLUID HEATER	(1) 8.0 Million BTU/HR Volcanic Thermal Fluid Heater, 11200' of 2" Stainless Steel Coil
GAUGING SYSTEM CARGO	Bergan Cargo Radar 200 and Hermetic
GAUGING SYSTEM BALLAST	Bergan Guard Level HPT-3 Hydrostatic Pressure Transducer
GAUGING SYSTEM FUEL	Bergan Guard Level HPT-3 Hydrostatic Pressure Transducer
GENERATORS	(3) CAT C32 730 kW, (1) John Deere 6068AFM85 150 kW
VAPOR RECOVERY	Yes
OVERFILL PROTECTION CARGO	Bergan Guard Level Twinstick 2A
OVERFILL PROTECTION FUEL	Bergan Guard Level MK-II 1A
CARGO MANIFOLDS	(3) Centered 252' 4" Aft of Bow
HOSE HANDLING BOOMS	(2) 60' Rapp Hydro-Pro HP60-15F Electric-Hydraulic Fixed Boom Cranes, 3240# @ 0 Degrees
INERT GAS SYSTEM	Yes, Air Products NC2.0-2400 Nitrogen Generator, 1985 M3/HR
CALL LETTERS	WDI3098
ANCHOR	(1) Markey WES-38 Electric Windlass, 12000# Stockless Anchor, (11) Shots of 2 3/16" Grade 3 Stud Link Chain
AIR DRAFT	83' 6" from Keel to Top of Mast
MOORING WINCHES	(2) Markey DESMG-18RS Single Drum Electric Mooring Winches, (2) Markey DESMG-18RSS Single Drum Electric Mooring Winches, (2) Markey DESMD-18 Electric Double Drum Mooring Winches
ACCOMODATIONS	No, Office Only
CONNECTION SYSTEMS	Intercon C
NOTCH DEPTH	44' 0"