



OFFICIAL #:
1276755



**910 SW Spokane Street
Seattle, WA 98134**

www.harleymarine.com



MAIN PARTICULARS:

Built:	2017
Builder:	Portland, OR - Gunderson Marine
Class:	ABS A-1 Oceans

DIMENSIONS:

Gross Tonnage:	<7,000 L/T
Net Tonnage:	<5000
Length:	430 ft.
Length Overall (LOA):	468 ft.
Beam:	76 ft.
Depth:	27 ft.
Loadline Draft:	N/A
Air Draft:	N/A

CAPACITIES:

Cargo Type(s):	Grade "B" and all lower
Total Cargo:	81,900 @ 95%
Tons Per Inch:	N/A
Pumps:	10,000 BPH
Stripping System:	10,000 gallon slop tank

MACHINERY:

Pumps:	(3) Byron Jackson 12 in XT 15EHL
Pump Engines:	(3) Volvo Penta 13L TIER III
Auxillaries:	(2) John Deere, 99 kw, 460VAC 3 - Phase 60 Hz, Tier III
Connection System:	Articouple FRC 55
Inert Gas System:	Maritime Protection nitrogen generator
Cargo Heater:	N/A

PERFORMANCE:

Pumping:	10,000 BPH
Gauging:	Bergan Digital Float Gauging
Alarms:	Bergan High level/overflow
Cargo Header:	3 port/3 stbd
Vapor Header:	1 port/1 stbd

DECK MACHINERY:

Deck Crane:	(1) Rapp Marine HP75-18F
Deck Winches:	Mooring Winch: (4) Rapp Marine Double Drum with cat heads (2) Rapp Marine Single Drum with cat heads
Anchor:	Rapp Marine 1,200 ft. 1-3/4" wire and 60 ft. of 2-1/8" chain

TANK ARRANGEMENT:

BCM:	170 ft.
BVM:	178 ft.
SCM:	N/A
Number of Tanks:	12
Segregation(s):	3

CARGO TANK CONFIG. @ 94.5%

Tank #	Port	Center	Starboard
1	5,670		5,670
2	6,700		6,700
3	6,700		6,700
4	6,700		6,700
5	7,540		7,540
6	7,640		7,640