

# DR ROBERT J BEALL

OFFICIAL #:

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## MAIN PARTICULARS:

Built:	2015
Builder:	Portland, OR - Zidell Marine
Class:	ABS A1, Oil Tank Barge

## DIMENSIONS:

Gross Tonnage:	6,641 GT ITC
Net Tonnage:	4,002 NT ITC
Length:	422 ft.
Length Overall (LOA):	510 ft.
Beam:	76 ft. 8 in.
Depth:	27 ft.
Loadline Draft:	21 ft. 6 in.
Air Draft:	65.10 ft.

## CAPACITIES:

Cargo Type(s):	83,800 bbls @ 94.5%
Total Cargo:	Clean
Tons Per Inch:	N/A
Stripping System:	N/A

## MACHINERY:

Pumps:	(2) Byron Jackson 12 in LS 16GH DW
Pump Engines:	(2) DET 60, TIER III
Auxillaries:	(2) Northern Lights, 99 kw, 460VAC 3 Phase 60 Hz, Tier 3
Connection System:	Articouple FRC 55
Inert Gas System:	Air Products Flu Gas Generator @ 1,985 m3/hr
Cargo Heater:	N/A

## PERFORMANCE:

Pumping:	10,000 bph
Gauging:	Hermetic closed Bergan Digital Float Gauging
Alarms:	Bergan high level overflow & high level indicators
Cargo Header:	2 port/2stbd
Vapor Header:	1 port/1 stbd

## DECK MACHINERY:

Deck Crane:	(1) Hydra Pro Mod #7520F stbd
Mooring Winches:	(4) Nabrico Double Drum with cat heads at 1,500 ft x 1 1/4 in turbo 75
Anchor Winch:	1,500 ft. of 1 1/4 wire with 2 cat heads

## TANK ARRANGEMENT:

BCM:	212 ft.
BVM:	208 ft.
SCM:	216 ft.
Number of Tanks:	12
Segregation(s):	2

## CARGO TANK CONFIG. @ 94.5%

Tank #	Port	Center	Starboard
1	6500		6500
2	6700		6700
3	6700		6700
4	6700		6700
5	7500		7500
6	7750		7750