



BARGE "NGL 3003"

INNAGE (HERMETIC)

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8
1 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8
2 PORT	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4
2 STBD	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4
3 PORT	- 00-5/8	00-5/8	- 01-1/8	01-1/8	- 01-3/4	01-3/4	- 02-1/4	02-1/4	- 02-7/8	02-7/8	- 03-3/8	03-3/8
3 STBD	- 00-5/8	00-5/8	- 01-1/8	01-1/8	- 01-3/4	01-3/4	- 02-1/4	02-1/4	- 02-7/8	02-7/8	- 03-3/8	03-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 252'-09"

February 17, 2017

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "NGL 3003"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	20.24	0	359.57	0	722.31	0	1,084.98	0	1,447.71	0	1,810.48	0	2,173.24	0	2,536.00	0	2,898.76	0	3,261.40
1/4	24.41	1/4	367.13	1/4	729.86	1/4	1,092.53	1/4	1,455.27	1/4	1,818.04	1/4	2,180.80	1/4	2,543.56	1/4	2,906.32	1/4	3,268.96
1/2	28.58	1/2	374.69	1/2	737.42	1/2	1,100.08	1/2	1,462.83	1/2	1,825.60	1/2	2,188.36	1/2	2,551.12	1/2	2,913.87	1/2	3,276.51
3/4	32.76	3/4	382.25	3/4	744.97	3/4	1,107.64	3/4	1,470.39	3/4	1,833.15	3/4	2,195.92	3/4	2,558.68	3/4	2,921.42	3/4	3,284.07
1	36.93	1	389.81	1	752.52	1	1,115.19	1	1,477.95	1	1,840.71	1	2,203.48	1	2,566.24	1	2,928.98	1	3,291.62
1/4	42.36	1/4	397.36	1/4	760.08	1/4	1,122.74	1/4	1,485.51	1/4	1,848.27	1/4	2,211.03	1/4	2,573.79	1/4	2,936.54	1/4	3,299.17
1/2	47.79	1/2	404.92	1/2	767.64	1/2	1,130.30	1/2	1,493.06	1/2	1,855.82	1/2	2,218.58	1/2	2,581.35	1/2	2,943.10	1/2	3,306.73
3/4	53.21	3/4	412.47	3/4	775.20	3/4	1,137.85	3/4	1,500.61	3/4	1,863.37	3/4	2,226.14	3/4	2,588.90	3/4	2,951.65	3/4	3,314.28
2	58.64	2	420.02	2	782.76	2	1,145.41	2	1,508.17	2	1,870.93	2	2,233.69	2	2,596.45	2	2,959.21	2	3,321.83
1/4	65.33	1/4	427.58	1/4	790.32	1/4	1,152.96	1/4	1,515.73	1/4	1,878.49	1/4	2,241.25	1/4	2,604.01	1/4	2,966.77	1/4	3,329.39
1/2	72.02	1/2	435.14	1/2	797.87	1/2	1,160.52	1/2	1,523.29	1/2	1,886.05	1/2	2,248.81	1/2	2,611.57	1/2	2,974.32	1/2	3,336.95
3/4	78.71	3/4	442.70	3/4	805.42	3/4	1,168.08	3/4	1,530.85	3/4	1,893.61	3/4	2,256.37	3/4	2,619.13	3/4	2,981.88	3/4	3,344.51
3	85.40	3	450.26	3	812.98	3	1,175.64	3	1,538.40	3	1,901.17	3	2,263.93	3	2,626.69	3	2,989.43	3	3,352.07
1/4	93.36	1/4	457.82	1/4	820.54	1/4	1,183.20	1/4	1,545.96	1/4	1,908.73	1/4	2,271.49	1/4	2,634.25	1/4	2,996.98	1/4	3,359.62
1/2	101.31	1/2	465.37	1/2	828.10	1/2	1,190.75	1/2	1,553.52	1/2	1,916.29	1/2	2,279.05	1/2	2,641.81	1/2	3,004.54	1/2	3,367.18
3/4	109.26	3/4	472.92	3/4	835.65	3/4	1,198.30	3/4	1,561.08	3/4	1,923.85	3/4	2,286.61	3/4	2,649.37	3/4	3,012.09	3/4	3,374.73
4	117.21	4	480.48	4	843.21	4	1,205.86	4	1,568.64	4	1,931.40	4	2,294.17	4	2,656.93	4	3,019.64	4	3,382.29
1/4	124.91	1/4	488.04	1/4	850.77	1/4	1,213.42	1/4	1,576.20	1/4	1,938.96	1/4	2,301.72	1/4	2,664.48	1/4	3,027.20	1/4	3,389.84
1/2	132.61	1/2	495.60	1/2	858.32	1/2	1,220.98	1/2	1,583.75	1/2	1,946.51	1/2	2,309.27	1/2	2,672.04	1/2	3,034.75	1/2	3,397.39
3/4	140.30	3/4	503.15	3/4	865.87	3/4	1,228.54	3/4	1,591.30	3/4	1,954.07	3/4	2,316.83	3/4	2,679.59	3/4	3,042.30	3/4	3,404.95
5	148.00	5	510.71	5	873.43	5	1,236.10	5	1,598.86	5	1,961.62	5	2,324.38	5	2,687.14	5	3,049.86	5	3,412.50
1/4	155.55	1/4	518.27	1/4	880.99	1/4	1,243.65	1/4	1,606.42	1/4	1,969.18	1/4	2,331.94	1/4	2,694.70	1/4	3,057.42	1/4	3,420.05
1/2	163.11	1/2	525.82	1/2	888.55	1/2	1,251.21	1/2	1,613.98	1/2	1,976.74	1/2	2,339.50	1/2	2,702.26	1/2	3,064.98	1/2	3,427.61
3/4	170.66	3/4	533.37	3/4	896.11	3/4	1,258.77	3/4	1,621.54	3/4	1,984.30	3/4	2,347.06	3/4	2,709.82	3/4	3,072.54	3/4	3,435.16
6	178.21	6	540.93	6	903.67	6	1,266.33	6	1,629.10	6	1,991.86	6	2,354.62	6	2,717.38	6	3,080.10	6	3,442.71
1/4	185.77	1/4	548.49	1/4	911.22	1/4	1,273.89	1/4	1,636.65	1/4	1,999.42	1/4	2,362.18	1/4	2,724.94	1/4	3,087.65	1/4	3,450.27
1/2	193.33	1/2	556.05	1/2	918.77	1/2	1,281.45	1/2	1,644.21	1/2	2,006.98	1/2	2,369.74	1/2	2,732.50	1/2	3,095.20	1/2	3,457.83
3/4	200.89	3/4	563.61	3/4	926.33	3/4	1,289.01	3/4	1,651.77	3/4	2,014.54	3/4	2,377.30	3/4	2,740.06	3/4	3,102.76	3/4	3,465.39
7	208.45	7	571.17	7	933.88	7	1,296.57	7	1,659.33	7	2,022.09	7	2,384.86	7	2,747.62	7	3,110.31	7	3,472.95
1/4	216.01	1/4	578.72	1/4	941.43	1/4	1,304.12	1/4	1,666.89	1/4	2,029.65	1/4	2,392.41	1/4	2,755.17	1/4	3,117.86	1/4	3,480.51
1/2	223.56	1/2	586.27	1/2	948.99	1/2	1,311.68	1/2	1,674.44	1/2	2,037.20	1/2	2,399.96	1/2	2,762.73	1/2	3,125.42	1/2	3,488.06
3/4	231.11	3/4	593.83	3/4	956.54	3/4	1,319.23	3/4	1,681.99	3/4	2,044.76	3/4	2,407.52	3/4	2,770.28	3/4	3,132.97	3/4	3,495.61
8	238.67	8	601.38	8	964.10	8	1,326.79	8	1,689.55	8	2,052.31	8	2,415.07	8	2,777.83	8	3,140.52	8	3,503.17
1/4	246.23	1/4	608.94	1/4	971.65	1/4	1,334.35	1/4	1,697.11	1/4	2,059.87	1/4	2,422.63	1/4	2,785.39	1/4	3,148.08	1/4	3,510.72
1/2	253.79	1/2	616.50	1/2	979.20	1/2	1,341.90	1/2	1,704.67	1/2	2,067.43	1/2	2,430.19	1/2	2,792.95	1/2	3,155.63	1/2	3,518.27
3/4	261.35	3/4	624.06	3/4	986.76	3/4	1,349.46	3/4	1,712.23	3/4	2,074.99	3/4	2,437.75	3/4	2,800.51	3/4	3,163.18	3/4	3,525.83
9	268.90	9	631.62	9	994.31	9	1,357.02	9	1,719.79	9	2,082.55	9	2,445.31	9	2,808.07	9	3,170.74	9	3,533.38
1/4	276.46	1/4	639.18	1/4	1,001.86	1/4	1,364.58	1/4	1,727.35	1/4	2,090.11	1/4	2,452.87	1/4	2,815.63	1/4	3,178.30	1/4	3,540.93
1/2	284.01	1/2	646.74	1/2	1,009.42	1/2	1,372.14	1/2	1,734.90	1/2	2,097.67	1/2	2,460.43	1/2	2,823.19	1/2	3,185.86	1/2	3,548.49
3/4	291.57	3/4	654.30	3/4	1,016.97	3/4	1,379.70	3/4	1,742.46	3/4	2,105.23	3/4	2,467.99	3/4	2,830.75	3/4	3,193.42	3/4	3,556.04
10	299.12	10	661.86	10	1,024.52	10	1,387.26	10	1,750.02	10	2,112.79	10	2,475.55	10	2,838.31	10	3,200.98	10	3,563.60
1/4	306.68	1/4	669.41	1/4	1,032.08	1/4	1,394.82	1/4	1,757.58	1/4	2,120.34	1/4	2,483.10	1/4	2,845.86	1/4	3,208.53	1/4	3,571.16
1/2	314.24	1/2	676.96	1/2	1,039.64	1/2	1,402.37	1/2	1,765.13	1/2	2,127.89	1/2	2,490.65	1/2	2,853.42	1/2	3,216.08	1/2	3,578.71
3/4	321.80	3/4	684.52	3/4	1,047.20	3/4	1,409.92	3/4	1,772.68	3/4	2,135.45	3/4	2,498.21	3/4	2,860.97	3/4	3,223.64	3/4	3,586.27
11	329.36	11	692.07	11	1,054.76	11	1,417.48	11	1,780.24	11	2,143.00	11	2,505.76	11	2,868.52	11	3,231.19	11	3,593.83
1/4	336.91	1/4	699.63	1/4	1,062.32	1/4	1,425.04	1/4	1,787.80	1/4	2,150.56	1/4	2,513.32	1/4	2,876.08	1/4	3,238.74	1/4	3,601.39
1/2	344.46	1/2	707.19	1/2	1,069.87	1/2	1,432.60	1/2	1,795.36	1/2	2,158.12	1/2	2,520.88	1/2	2,883.64	1/2	3,246.30	1/2	3,608.94
3/4	352.02	3/4	714.75	3/4	1,077.42	3/4	1,440.15	3/4	1,802.92	3/4	2,165.68	3/4	2,528.44	3/4	2,891.20	3/4	3,253.85	3/4	3,616.49

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-10" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "NGL 3003"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,624.05	0	3,986.69	0	4,349.31	0	4,711.95	0	5,073.57	0		0		0		0		0	
1/4	3,631.60	1/4	3,994.24	1/4	4,356.87	1/4	4,719.51	1/4	5,081.10	1/4		1/4		1/4		1/4		1/4	
1/2	3,639.15	1/2	4,001.80	1/2	4,364.43	1/2	4,727.06	1/2	5,088.62	1/2		1/2		1/2		1/2		1/2	
3/4	3,646.71	3/4	4,009.35	3/4	4,371.99	3/4	4,734.61	3/4	5,096.14	3/4		3/4		3/4		3/4		3/4	
1	3,654.26	1	4,016.90	1	4,379.55	1	4,742.17	1	5,103.67	1		1		1		1		1	
1/4	3,661.82	1/4	4,024.46	1/4	4,387.10	1/4	4,749.73	1/4	5,111.19	1/4		1/4		1/4		1/4		1/4	
1/2	3,669.37	1/2	4,032.01	1/2	4,394.65	1/2	4,757.29	1/2	5,118.71	1/2		1/2		1/2		1/2		1/2	
3/4	3,676.92	3/4	4,039.57	3/4	4,402.21	3/4	4,764.85	3/4	5,126.24	3/4		3/4		3/4		3/4		3/4	
2	3,684.48	2	4,047.12	2	4,409.76	2	4,772.40	2	5,133.76	2		2		2		2		2	
1/4	3,692.03	1/4	4,054.67	1/4	4,417.32	1/4	4,779.96	1/4	5,141.29	1/4		1/4		1/4		1/4		1/4	
1/2	3,699.58	1/2	4,062.23	1/2	4,424.87	1/2	4,787.51	1/2	5,148.82	1/2		1/2		1/2		1/2		1/2	
3/4	3,707.14	3/4	4,069.78	3/4	4,432.42	3/4	4,795.07	3/4	5,156.35	3/4		3/4		3/4		3/4		3/4	
3	3,714.69	3	4,077.33	3	4,439.98	3	4,802.62	3	5,163.88	3		3		3		3		3	
1/4	3,722.25	1/4	4,084.89	1/4	4,447.53	1/4	4,810.15	1/4	5,171.40	1/4		1/4		1/4		1/4		1/4	
1/2	3,729.81	1/2	4,092.44	1/2	4,455.08	1/2	4,817.68	1/2	5,178.93	1/2		1/2		1/2		1/2		1/2	
3/4	3,737.37	3/4	4,099.99	3/4	4,462.64	3/4	4,825.21	3/4	5,186.45	3/4		3/4		3/4		3/4		3/4	
4	3,744.93	4	4,107.55	4	4,470.19	4	4,832.74	4	5,193.98	4		4		4		4		4	
1/4	3,752.48	1/4	4,115.11	1/4	4,477.74	1/4	4,840.27	1/4	5,201.51	1/4		1/4		1/4		1/4		1/4	
1/2	3,760.04	1/2	4,122.67	1/2	4,485.30	1/2	4,847.80	1/2	5,209.04	1/2		1/2		1/2		1/2		1/2	
3/4	3,767.59	3/4	4,130.23	3/4	4,492.85	3/4	4,855.33	3/4	5,216.57	3/4		3/4		3/4		3/4		3/4	
5	3,775.14	5	4,137.79	5	4,500.41	5	4,862.86	5	5,224.10	5		5		5		5		5	
1/4	3,782.70	1/4	4,145.34	1/4	4,507.96	1/4	4,870.38	1/4	5,231.24	1/4		1/4		1/4		1/4		1/4	
1/2	3,790.25	1/2	4,152.89	1/2	4,515.52	1/2	4,877.90	1/2	5,238.38	1/2		1/2		1/2		1/2		1/2	
3/4	3,797.80	3/4	4,160.45	3/4	4,523.08	3/4	4,885.43	3/4	5,245.52	3/4		3/4		3/4		3/4		3/4	
6	3,805.36	6	4,168.00	6	4,530.64	6	4,892.95	6	5,252.67	6		6		6		6		6	
1/4	3,812.91	1/4	4,175.55	1/4	4,538.20	1/4	4,900.48	1/4	5,258.58	1/4		1/4		1/4		1/4		1/4	
1/2	3,820.46	1/2	4,183.11	1/2	4,545.75	1/2	4,908.00	1/2	5,264.49	1/2		1/2		1/2		1/2		1/2	
3/4	3,828.02	3/4	4,190.66	3/4	4,553.30	3/4	4,915.52	3/4	5,270.40	3/4		3/4		3/4		3/4		3/4	
7	3,835.57	7	4,198.21	7	4,560.86	7	4,923.05	7	5,276.31	7		7		7		7		7	
1/4	3,843.13	1/4	4,205.77	1/4	4,568.41	1/4	4,930.57	1/4	5,280.96	1/4		1/4		1/4		1/4		1/4	
1/2	3,850.69	1/2	4,213.32	1/2	4,575.96	1/2	4,938.10	1/2	5,285.61	1/2		1/2		1/2		1/2		1/2	
3/4	3,858.25	3/4	4,220.88	3/4	4,583.52	3/4	4,945.62	3/4	5,290.26	3/4		3/4		3/4		3/4		3/4	
8	3,865.81	8	4,228.43	8	4,591.07	8	4,953.14	8	5,294.90	8		8		8		8		8	
1/4	3,873.36	1/4	4,235.99	1/4	4,598.63	1/4	4,960.67	1/4	5,298.30	1/4		1/4		1/4		1/4		1/4	
1/2	3,880.92	1/2	4,243.55	1/2	4,606.18	1/2	4,968.20	1/2	5,301.70	1/2		1/2		1/2		1/2		1/2	
3/4	3,888.47	3/4	4,251.11	3/4	4,613.73	3/4	4,975.73	3/4	5,305.10	3/4		3/4		3/4		3/4		3/4	
9	3,896.02	9	4,258.67	9	4,621.29	9	4,983.26	9	5,308.50	9		9		9		9		9	
1/4	3,903.58	1/4	4,266.22	1/4	4,628.85	1/4	4,990.79	1/4	5,310.65	1/4		1/4		1/4		1/4		1/4	
1/2	3,911.13	1/2	4,273.77	1/2	4,636.40	1/2	4,998.31	1/2	5,312.81	1/2		1/2		1/2		1/2		1/2	
3/4	3,918.68	3/4	4,281.33	3/4	4,643.96	3/4	5,005.83	3/4	5,314.96	3/4		3/4		3/4		3/4		3/4	
10	3,926.24	10	4,288.88	10	4,651.52	10	5,013.36	10	5,317.12	10		10		10		10		10	
1/4	3,933.79	1/4	4,296.43	1/4	4,659.08	1/4	5,020.88	1/4	5,318.02	1/4		1/4		1/4		1/4		1/4	
1/2	3,941.35	1/2	4,303.99	1/2	4,666.63	1/2	5,028.40	1/2	5,318.92	1/2		1/2		1/2		1/2		1/2	
3/4	3,948.90	3/4	4,311.54	3/4	4,674.18	3/4	5,035.93	3/4	5,319.82	3/4		3/4		3/4		3/4		3/4	
11	3,956.45	11	4,319.10	11	4,681.74	11	5,043.45	11	5,320.71	11		11		11		11		11	
1/4	3,964.01	1/4	4,326.65	1/4	4,689.29	1/4	5,050.98	1/4	5,320.83	1/4		1/4		1/4		1/4		1/4	
1/2	3,971.57	1/2	4,334.20	1/2	4,696.85	1/2	5,058.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,979.13	3/4	4,341.76	3/4	4,704.40	3/4	5,066.04	3/4		3/4		3/4		3/4		3/4		3/4	

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REPRINTED: 02/20/2017 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2017

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "NGL 3003"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	20.29	0	360.26	0	723.67	0	1,086.88	0	1,450.28	0	1,813.74	0	2,177.19	0	2,540.67	0	2,904.12	0	3,267.45
1/4	24.46	1/4	367.83	1/4	731.24	1/4	1,094.45	1/4	1,457.86	1/4	1,821.31	1/4	2,184.76	1/4	2,548.24	1/4	2,911.68	1/4	3,275.02
1/2	28.64	1/2	375.40	1/2	738.81	1/2	1,102.01	1/2	1,465.43	1/2	1,828.88	1/2	2,192.33	1/2	2,555.81	1/2	2,919.25	1/2	3,282.58
3/4	32.82	3/4	382.98	3/4	746.38	3/4	1,109.58	3/4	1,473.00	3/4	1,836.45	3/4	2,199.90	3/4	2,563.38	3/4	2,926.82	3/4	3,290.15
1	37.00	1	390.55	1	753.95	1	1,117.14	1	1,480.57	1	1,844.02	1	2,207.47	1	2,570.95	1	2,934.38	1	3,297.71
1/4	42.44	1/4	398.12	1/4	761.52	1/4	1,124.71	1/4	1,488.14	1/4	1,851.59	1/4	2,215.05	1/4	2,578.52	1/4	2,941.95	1/4	3,305.29
1/2	47.88	1/2	405.69	1/2	769.09	1/2	1,132.29	1/2	1,495.71	1/2	1,859.17	1/2	2,222.63	1/2	2,586.09	1/2	2,949.52	1/2	3,312.86
3/4	53.32	3/4	413.26	3/4	776.67	3/4	1,139.86	3/4	1,503.28	3/4	1,866.74	3/4	2,230.21	3/4	2,593.67	3/4	2,957.10	3/4	3,320.43
2	58.76	2	420.83	2	784.24	2	1,147.43	2	1,510.86	2	1,874.31	2	2,237.79	2	2,601.24	2	2,964.67	2	3,328.00
1/4	65.46	1/4	428.40	1/4	791.81	1/4	1,154.99	1/4	1,518.43	1/4	1,881.89	1/4	2,245.36	1/4	2,608.81	1/4	2,972.24	1/4	3,335.57
1/2	72.17	1/2	435.98	1/2	799.38	1/2	1,162.56	1/2	1,526.00	1/2	1,889.46	1/2	2,252.93	1/2	2,616.38	1/2	2,979.81	1/2	3,343.14
3/4	78.87	3/4	443.55	3/4	806.95	3/4	1,170.13	3/4	1,533.57	3/4	1,897.04	3/4	2,260.50	3/4	2,623.95	3/4	2,987.38	3/4	3,350.71
3	85.57	3	451.12	3	814.52	3	1,177.69	3	1,541.14	3	1,904.62	3	2,268.07	3	2,631.52	3	2,994.95	3	3,358.29
1/4	93.54	1/4	458.69	1/4	822.09	1/4	1,185.26	1/4	1,548.72	1/4	1,912.19	1/4	2,275.64	1/4	2,639.09	1/4	3,002.52	1/4	3,365.85
1/2	101.50	1/2	466.26	1/2	829.65	1/2	1,192.83	1/2	1,556.30	1/2	1,919.76	1/2	2,283.21	1/2	2,646.67	1/2	3,010.08	1/2	3,373.42
3/4	109.46	3/4	473.83	3/4	837.22	3/4	1,200.40	3/4	1,563.87	3/4	1,927.33	3/4	2,290.79	3/4	2,654.24	3/4	3,017.65	3/4	3,380.98
4	117.43	4	481.40	4	844.79	4	1,207.98	4	1,571.45	4	1,934.90	4	2,298.36	4	2,661.81	4	3,025.21	4	3,388.55
1/4	125.14	1/4	488.98	1/4	852.35	1/4	1,215.55	1/4	1,579.02	1/4	1,942.48	1/4	2,305.93	1/4	2,669.38	1/4	3,032.79	1/4	3,396.12
1/2	132.85	1/2	496.55	1/2	859.92	1/2	1,223.13	1/2	1,586.60	1/2	1,950.05	1/2	2,313.50	1/2	2,676.95	1/2	3,040.36	1/2	3,403.69
3/4	140.55	3/4	504.12	3/4	867.48	3/4	1,230.71	3/4	1,594.17	3/4	1,957.62	3/4	2,321.07	3/4	2,684.52	3/4	3,047.93	3/4	3,411.26
5	148.26	5	511.69	5	875.05	5	1,238.29	5	1,601.74	5	1,965.19	5	2,328.64	5	2,692.09	5	3,055.50	5	3,418.83
1/4	155.83	1/4	519.26	1/4	882.61	1/4	1,245.86	1/4	1,609.31	1/4	1,972.76	1/4	2,336.21	1/4	2,699.67	1/4	3,063.07	1/4	3,426.40
1/2	163.40	1/2	526.83	1/2	890.18	1/2	1,253.43	1/2	1,616.88	1/2	1,980.33	1/2	2,343.79	1/2	2,707.24	1/2	3,070.64	1/2	3,433.96
3/4	170.98	3/4	534.40	3/4	897.74	3/4	1,261.00	3/4	1,624.45	3/4	1,987.90	3/4	2,351.36	3/4	2,714.81	3/4	3,078.21	3/4	3,441.53
6	178.55	6	541.97	6	905.31	6	1,268.57	6	1,632.02	6	1,995.48	6	2,358.93	6	2,722.38	6	3,085.79	6	3,449.10
1/4	186.12	1/4	549.55	1/4	912.87	1/4	1,276.14	1/4	1,639.60	1/4	2,003.05	1/4	2,366.50	1/4	2,729.95	1/4	3,093.35	1/4	3,456.67
1/2	193.69	1/2	557.12	1/2	920.44	1/2	1,283.71	1/2	1,647.17	1/2	2,010.62	1/2	2,374.07	1/2	2,737.52	1/2	3,100.92	1/2	3,464.24
3/4	201.26	3/4	564.69	3/4	928.01	3/4	1,291.29	3/4	1,654.74	3/4	2,018.19	3/4	2,381.64	3/4	2,745.09	3/4	3,108.48	3/4	3,471.81
7	208.83	7	572.26	7	935.57	7	1,298.86	7	1,662.31	7	2,025.76	7	2,389.21	7	2,752.67	7	3,116.05	7	3,479.38
1/4	216.40	1/4	579.83	1/4	943.14	1/4	1,306.43	1/4	1,669.88	1/4	2,033.33	1/4	2,396.79	1/4	2,760.24	1/4	3,123.62	1/4	3,486.95
1/2	223.98	1/2	587.40	1/2	950.70	1/2	1,314.00	1/2	1,677.45	1/2	2,040.90	1/2	2,404.36	1/2	2,767.81	1/2	3,131.19	1/2	3,494.52
3/4	231.55	3/4	594.97	3/4	958.27	3/4	1,321.57	3/4	1,685.02	3/4	2,048.48	3/4	2,411.93	3/4	2,775.38	3/4	3,138.76	3/4	3,502.10
8	239.12	8	602.55	8	965.83	8	1,329.14	8	1,692.59	8	2,056.05	8	2,419.50	8	2,782.95	8	3,146.33	8	3,509.67
1/4	246.69	1/4	610.12	1/4	973.40	1/4	1,336.71	1/4	1,700.17	1/4	2,063.62	1/4	2,427.07	1/4	2,790.52	1/4	3,153.90	1/4	3,517.23
1/2	254.26	1/2	617.69	1/2	980.96	1/2	1,344.29	1/2	1,707.74	1/2	2,071.19	1/2	2,434.64	1/2	2,798.09	1/2	3,161.48	1/2	3,524.80
3/4	261.83	3/4	625.26	3/4	988.53	3/4	1,351.86	3/4	1,715.31	3/4	2,078.76	3/4	2,442.21	3/4	2,805.67	3/4	3,169.05	3/4	3,532.36
9	269.40	9	632.83	9	996.10	9	1,359.43	9	1,722.88	9	2,086.33	9	2,449.78	9	2,813.24	9	3,176.62	9	3,539.93
1/4	276.98	1/4	640.40	1/4	1,003.66	1/4	1,367.00	1/4	1,730.45	1/4	2,093.90	1/4	2,457.36	1/4	2,820.81	1/4	3,184.18	1/4	3,547.50
1/2	284.55	1/2	647.97	1/2	1,011.23	1/2	1,374.57	1/2	1,738.02	1/2	2,101.48	1/2	2,464.93	1/2	2,828.38	1/2	3,191.75	1/2	3,555.07
3/4	292.12	3/4	655.55	3/4	1,018.79	3/4	1,382.14	3/4	1,745.59	3/4	2,109.05	3/4	2,472.50	3/4	2,835.95	3/4	3,199.32	3/4	3,562.64
10	299.69	10	663.12	10	1,026.36	10	1,389.71	10	1,753.17	10	2,116.62	10	2,480.07	10	2,843.52	10	3,206.88	10	3,570.21
1/4	307.26	1/4	670.68	1/4	1,033.92	1/4	1,397.29	1/4	1,760.74	1/4	2,124.19	1/4	2,487.64	1/4	2,851.10	1/4	3,214.45	1/4	3,577.79
1/2	314.83	1/2	678.25	1/2	1,041.49	1/2	1,404.86	1/2	1,768.31	1/2	2,131.76	1/2	2,495.21	1/2	2,858.68	1/2	3,222.02	1/2	3,585.36
3/4	322.40	3/4	685.82	3/4	1,049.05	3/4	1,412.43	3/4	1,775.88	3/4	2,139.33	3/4	2,502.78	3/4	2,866.26	3/4	3,229.60	3/4	3,592.93
11	329.98	11	693.38	11	1,056.62	11	1,420.00	11	1,783.45	11	2,146.90	11	2,510.36	11	2,873.83	11	3,237.17	11	3,600.50
1/4	337.55	1/4	700.95	1/4	1,064.18	1/4	1,427.57	1/4	1,791.02	1/4	2,154.48	1/4	2,517.93	1/4	2,881.40	1/4	3,244.74	1/4	3,608.07
1/2	345.12	1/2	708.52	1/2	1,071.75	1/2	1,435.14	1/2	1,798.59	1/2	2,162.05	1/2	2,525.51	1/2	2,888.98	1/2	3,252.31	1/2	3,615.63
3/4	352.69	3/4	716.10	3/4	1,079.32	3/4	1,442.71	3/4	1,806.17	3/4	2,169.62	3/4	2,533.09	3/4	2,896.55	3/4	3,259.88	3/4	3,623.20

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 10-10" OFF CENTERLINE AND 42-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "NGL 3003"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,630.76	0	3,994.10	0	4,357.43	0	4,720.76	0	5,083.05	0		0		0		0		0	
1/4	3,638.33	1/4	4,001.67	1/4	4,365.00	1/4	4,728.33	1/4	5,090.59	1/4		1/4		1/4		1/4		1/4	
1/2	3,645.90	1/2	4,009.24	1/2	4,372.57	1/2	4,735.90	1/2	5,098.13	1/2		1/2		1/2		1/2		1/2	
3/4	3,653.48	3/4	4,016.81	3/4	4,380.14	3/4	4,743.48	3/4	5,105.67	3/4		3/4		3/4		3/4		3/4	
1	3,661.05	1	4,024.38	1	4,387.71	1	4,751.05	1	5,113.21	1		1		1		1		1	
1/4	3,668.62	1/4	4,031.95	1/4	4,395.28	1/4	4,758.61	1/4	5,120.76	1/4		1/4		1/4		1/4		1/4	
1/2	3,676.19	1/2	4,039.52	1/2	4,402.85	1/2	4,766.18	1/2	5,128.30	1/2		1/2		1/2		1/2		1/2	
3/4	3,683.76	3/4	4,047.10	3/4	4,410.41	3/4	4,773.74	3/4	5,135.84	3/4		3/4		3/4		3/4		3/4	
2	3,691.33	2	4,054.67	2	4,417.98	2	4,781.31	2	5,143.38	2		2		2		2		2	
1/4	3,698.90	1/4	4,062.23	1/4	4,425.55	1/4	4,788.88	1/4	5,150.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,706.46	1/2	4,069.80	1/2	4,433.12	1/2	4,796.45	1/2	5,158.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,714.03	3/4	4,077.36	3/4	4,440.69	3/4	4,804.02	3/4	5,166.01	3/4		3/4		3/4		3/4		3/4	
3	3,721.60	3	4,084.93	3	4,448.26	3	4,811.60	3	5,173.55	3		3		3		3		3	
1/4	3,729.17	1/4	4,092.50	1/4	4,455.83	1/4	4,819.14	1/4	5,181.09	1/4		1/4		1/4		1/4		1/4	
1/2	3,736.74	1/2	4,100.07	1/2	4,463.40	1/2	4,826.69	1/2	5,188.63	1/2		1/2		1/2		1/2		1/2	
3/4	3,744.31	3/4	4,107.64	3/4	4,470.98	3/4	4,834.24	3/4	5,196.17	3/4		3/4		3/4		3/4		3/4	
4	3,751.88	4	4,115.21	4	4,478.55	4	4,841.79	4	5,203.71	4		4		4		4		4	
1/4	3,759.45	1/4	4,122.78	1/4	4,486.11	1/4	4,849.32	1/4	5,211.26	1/4		1/4		1/4		1/4		1/4	
1/2	3,767.02	1/2	4,130.35	1/2	4,493.68	1/2	4,856.86	1/2	5,218.80	1/2		1/2		1/2		1/2		1/2	
3/4	3,774.60	3/4	4,137.91	3/4	4,501.24	3/4	4,864.39	3/4	5,226.34	3/4		3/4		3/4		3/4		3/4	
5	3,782.17	5	4,145.48	5	4,508.81	5	4,871.93	5	5,233.88	5		5		5		5		5	
1/4	3,789.73	1/4	4,153.05	1/4	4,516.38	1/4	4,879.47	1/4	5,241.04	1/4		1/4		1/4		1/4		1/4	
1/2	3,797.30	1/2	4,160.62	1/2	4,523.95	1/2	4,887.01	1/2	5,248.19	1/2		1/2		1/2		1/2		1/2	
3/4	3,804.86	3/4	4,168.19	3/4	4,531.52	3/4	4,894.55	3/4	5,255.35	3/4		3/4		3/4		3/4		3/4	
6	3,812.43	6	4,175.76	6	4,539.10	6	4,902.10	6	5,262.50	6		6		6		6		6	
1/4	3,820.00	1/4	4,183.33	1/4	4,546.67	1/4	4,909.64	1/4	5,268.42	1/4		1/4		1/4		1/4		1/4	
1/2	3,827.57	1/2	4,190.90	1/2	4,554.24	1/2	4,917.18	1/2	5,274.35	1/2		1/2		1/2		1/2		1/2	
3/4	3,835.14	3/4	4,198.48	3/4	4,561.81	3/4	4,924.72	3/4	5,280.27	3/4		3/4		3/4		3/4		3/4	
7	3,842.71	7	4,206.05	7	4,569.38	7	4,932.26	7	5,286.19	7		7		7		7		7	
1/4	3,850.29	1/4	4,213.61	1/4	4,576.95	1/4	4,939.80	1/4	5,290.85	1/4		1/4		1/4		1/4		1/4	
1/2	3,857.86	1/2	4,221.18	1/2	4,584.51	1/2	4,947.35	1/2	5,295.51	1/2		1/2		1/2		1/2		1/2	
3/4	3,865.43	3/4	4,228.74	3/4	4,592.08	3/4	4,954.89	3/4	5,300.17	3/4		3/4		3/4		3/4		3/4	
8	3,873.00	8	4,236.31	8	4,599.64	8	4,962.43	8	5,304.83	8		8		8		8		8	
1/4	3,880.57	1/4	4,243.88	1/4	4,607.21	1/4	4,969.96	1/4	5,308.23	1/4		1/4		1/4		1/4		1/4	
1/2	3,888.13	1/2	4,251.45	1/2	4,614.79	1/2	4,977.50	1/2	5,311.63	1/2		1/2		1/2		1/2		1/2	
3/4	3,895.70	3/4	4,259.02	3/4	4,622.36	3/4	4,985.04	3/4	5,315.03	3/4		3/4		3/4		3/4		3/4	
9	3,903.26	9	4,266.60	9	4,629.93	9	4,992.57	9	5,318.43	9		9		9		9		9	
1/4	3,910.83	1/4	4,274.17	1/4	4,637.50	1/4	5,000.11	1/4	5,320.59	1/4		1/4		1/4		1/4		1/4	
1/2	3,918.40	1/2	4,281.74	1/2	4,645.07	1/2	5,007.65	1/2	5,322.75	1/2		1/2		1/2		1/2		1/2	
3/4	3,925.98	3/4	4,289.31	3/4	4,652.64	3/4	5,015.20	3/4	5,324.91	3/4		3/4		3/4		3/4		3/4	
10	3,933.55	10	4,296.88	10	4,660.21	10	5,022.74	10	5,327.07	10		10		10		10		10	
1/4	3,941.12	1/4	4,304.45	1/4	4,667.78	1/4	5,030.28	1/4	5,327.98	1/4		1/4		1/4		1/4		1/4	
1/2	3,948.69	1/2	4,312.01	1/2	4,675.35	1/2	5,037.82	1/2	5,328.88	1/2		1/2		1/2		1/2		1/2	
3/4	3,956.26	3/4	4,319.58	3/4	4,682.91	3/4	5,045.36	3/4	5,329.79	3/4		3/4		3/4		3/4		3/4	
11	3,963.83	11	4,327.14	11	4,690.48	11	5,052.90	11	5,330.69	11		11		11		11		11	
1/4	3,971.40	1/4	4,334.71	1/4	4,698.05	1/4	5,060.44	1/4	5,330.81	1/4		1/4		1/4		1/4		1/4	
1/2	3,978.96	1/2	4,342.29	1/2	4,705.62	1/2	5,067.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,986.53	3/4	4,349.86	3/4	4,713.19	3/4	5,075.51	3/4		3/4		3/4		3/4		3/4		3/4	

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CANCELS AND SUPERCEDES
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P.O. Box 2092
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BARGE "NGL 3003"

**2 PORT
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/4"

Table with columns for height (0 to 11 feet) and gauge height (0 to 9 feet), showing capacity values in barrels. Each row includes a height column and three sub-columns for 1/4, 1/2, and 3/4 gauge heights.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (HERMETIC) LOCATED 10-10" OFF CENTERLINE AND 42-03" FORWARD OF AFT BULKHEAD.

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BARGE "NGL 3003"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,616.88	0	3,978.81	0	4,340.74	0	4,702.64	0	5,063.55	0		0		0		0		0	
1/4	3,624.42	1/4	3,986.35	1/4	4,348.27	1/4	4,710.18	1/4	5,071.06	1/4		1/4		1/4		1/4		1/4	
1/2	3,631.96	1/2	3,993.89	1/2	4,355.81	1/2	4,717.73	1/2	5,078.57	1/2		1/2		1/2		1/2		1/2	
3/4	3,639.51	3/4	4,001.43	3/4	4,363.35	3/4	4,725.27	3/4	5,086.08	3/4		3/4		3/4		3/4		3/4	
1	3,647.05	1	4,008.98	1	4,370.88	1	4,732.81	1	5,093.60	1		1		1		1		1	
1/4	3,654.59	1/4	4,016.51	1/4	4,378.42	1/4	4,740.35	1/4	5,101.10	1/4		1/4		1/4		1/4		1/4	
1/2	3,662.13	1/2	4,024.05	1/2	4,385.96	1/2	4,747.89	1/2	5,108.61	1/2		1/2		1/2		1/2		1/2	
3/4	3,669.67	3/4	4,031.58	3/4	4,393.51	3/4	4,755.43	3/4	5,116.11	3/4		3/4		3/4		3/4		3/4	
2	3,677.21	2	4,039.12	2	4,401.05	2	4,762.98	2	5,123.62	2		2		2		2		2	
1/4	3,684.75	1/4	4,046.66	1/4	4,408.59	1/4	4,770.52	1/4	5,131.13	1/4		1/4		1/4		1/4		1/4	
1/2	3,692.29	1/2	4,054.20	1/2	4,416.13	1/2	4,778.06	1/2	5,138.64	1/2		1/2		1/2		1/2		1/2	
3/4	3,699.82	3/4	4,061.74	3/4	4,423.67	3/4	4,785.60	3/4	5,146.15	3/4		3/4		3/4		3/4		3/4	
3	3,707.36	3	4,069.29	3	4,431.21	3	4,793.14	3	5,153.67	3		3		3		3		3	
1/4	3,714.90	1/4	4,076.83	1/4	4,438.76	1/4	4,800.66	1/4	5,161.18	1/4		1/4		1/4		1/4		1/4	
1/2	3,722.44	1/2	4,084.37	1/2	4,446.30	1/2	4,808.18	1/2	5,168.70	1/2		1/2		1/2		1/2		1/2	
3/4	3,729.98	3/4	4,091.91	3/4	4,453.84	3/4	4,815.70	3/4	5,176.22	3/4		3/4		3/4		3/4		3/4	
4	3,737.52	4	4,099.45	4	4,461.38	4	4,823.21	4	5,183.74	4		4		4		4		4	
1/4	3,745.07	1/4	4,106.99	1/4	4,468.92	1/4	4,830.72	1/4	5,191.25	1/4		1/4		1/4		1/4		1/4	
1/2	3,752.61	1/2	4,114.54	1/2	4,476.45	1/2	4,838.23	1/2	5,198.76	1/2		1/2		1/2		1/2		1/2	
3/4	3,760.15	3/4	4,122.08	3/4	4,483.99	3/4	4,845.73	3/4	5,206.27	3/4		3/4		3/4		3/4		3/4	
5	3,767.69	5	4,129.62	5	4,491.52	5	4,853.24	5	5,213.79	5		5		5		5		5	
1/4	3,775.23	1/4	4,137.16	1/4	4,499.07	1/4	4,860.75	1/4	5,220.91	1/4		1/4		1/4		1/4		1/4	
1/2	3,782.77	1/2	4,144.69	1/2	4,506.61	1/2	4,868.26	1/2	5,228.04	1/2		1/2		1/2		1/2		1/2	
3/4	3,790.32	3/4	4,152.23	3/4	4,514.15	3/4	4,875.77	3/4	5,235.16	3/4		3/4		3/4		3/4		3/4	
6	3,797.86	6	4,159.76	6	4,521.69	6	4,883.29	6	5,242.29	6		6		6		6		6	
1/4	3,805.39	1/4	4,167.30	1/4	4,529.23	1/4	4,890.80	1/4	5,248.18	1/4		1/4		1/4		1/4		1/4	
1/2	3,812.93	1/2	4,174.85	1/2	4,536.77	1/2	4,898.31	1/2	5,254.08	1/2		1/2		1/2		1/2		1/2	
3/4	3,820.46	3/4	4,182.39	3/4	4,544.32	3/4	4,905.82	3/4	5,259.98	3/4		3/4		3/4		3/4		3/4	
7	3,828.00	7	4,189.93	7	4,551.86	7	4,913.33	7	5,265.88	7		7		7		7		7	
1/4	3,835.54	1/4	4,197.47	1/4	4,559.39	1/4	4,920.85	1/4	5,270.52	1/4		1/4		1/4		1/4		1/4	
1/2	3,843.08	1/2	4,205.01	1/2	4,566.93	1/2	4,928.36	1/2	5,275.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,850.63	3/4	4,212.55	3/4	4,574.46	3/4	4,935.87	3/4	5,279.81	3/4		3/4		3/4		3/4		3/4	
8	3,858.17	8	4,220.10	8	4,582.00	8	4,943.38	8	5,284.45	8		8		8		8		8	
1/4	3,865.71	1/4	4,227.64	1/4	4,589.54	1/4	4,950.89	1/4	5,287.84	1/4		1/4		1/4		1/4		1/4	
1/2	3,873.25	1/2	4,235.18	1/2	4,597.08	1/2	4,958.39	1/2	5,291.23	1/2		1/2		1/2		1/2		1/2	
3/4	3,880.79	3/4	4,242.72	3/4	4,604.63	3/4	4,965.90	3/4	5,294.61	3/4		3/4		3/4		3/4		3/4	
9	3,888.33	9	4,250.26	9	4,612.17	9	4,973.40	9	5,298.00	9		9		9		9		9	
1/4	3,895.88	1/4	4,257.80	1/4	4,619.71	1/4	4,980.92	1/4	5,300.15	1/4		1/4		1/4		1/4		1/4	
1/2	3,903.42	1/2	4,265.33	1/2	4,627.25	1/2	4,988.43	1/2	5,302.31	1/2		1/2		1/2		1/2		1/2	
3/4	3,910.96	3/4	4,272.87	3/4	4,634.79	3/4	4,995.94	3/4	5,304.46	3/4		3/4		3/4		3/4		3/4	
10	3,918.50	10	4,280.40	10	4,642.33	10	5,003.45	10	5,306.62	10		10		10		10		10	
1/4	3,926.04	1/4	4,287.95	1/4	4,649.88	1/4	5,010.96	1/4	5,307.52	1/4		1/4		1/4		1/4		1/4	
1/2	3,933.57	1/2	4,295.49	1/2	4,657.42	1/2	5,018.48	1/2	5,308.42	1/2		1/2		1/2		1/2		1/2	
3/4	3,941.11	3/4	4,303.03	3/4	4,664.96	3/4	5,025.99	3/4	5,309.32	3/4		3/4		3/4		3/4		3/4	
11	3,948.64	11	4,310.57	11	4,672.50	11	5,033.50	11	5,310.21	11		11		11		11		11	
1/4	3,956.18	1/4	4,318.11	1/4	4,680.04	1/4	5,041.01	1/4	5,310.33	1/4		1/4		1/4		1/4		1/4	
1/2	3,963.73	1/2	4,325.66	1/2	4,687.57	1/2	5,048.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,971.27	3/4	4,333.20	3/4	4,695.11	3/4	5,056.04	3/4		3/4		3/4		3/4		3/4		3/4	

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BARGE "NGL 3003"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	20.17	0	358.36	0	719.86	0	1,079.83	0	1,441.00	0	1,802.52	0	2,164.07	0	2,525.62	0	2,887.14	0	3,248.57
1/4	24.33	1/4	365.89	1/4	727.39	1/4	1,087.32	1/4	1,448.53	1/4	1,810.06	1/4	2,171.60	1/4	2,533.15	1/4	2,894.67	1/4	3,256.10
1/2	28.49	1/2	373.43	1/2	734.93	1/2	1,094.81	1/2	1,456.06	1/2	1,817.60	1/2	2,179.13	1/2	2,540.68	1/2	2,902.20	1/2	3,263.63
3/4	32.65	3/4	380.96	3/4	742.46	3/4	1,102.30	3/4	1,463.59	3/4	1,825.13	3/4	2,186.66	3/4	2,548.21	3/4	2,909.73	3/4	3,271.16
1	36.81	1	388.50	1	750.00	1	1,109.79	1	1,471.12	1	1,832.67	1	2,194.19	1	2,555.74	1	2,917.26	1	3,278.69
1/4	42.22	1/4	396.03	1/4	757.53	1/4	1,117.28	1/4	1,478.65	1/4	1,840.20	1/4	2,201.73	1/4	2,563.27	1/4	2,924.79	1/4	3,286.22
1/2	47.63	1/2	403.56	1/2	765.06	1/2	1,124.77	1/2	1,486.18	1/2	1,847.73	1/2	2,209.26	1/2	2,570.80	1/2	2,932.32	1/2	3,293.75
3/4	53.04	3/4	411.09	3/4	772.59	3/4	1,132.27	3/4	1,493.71	3/4	1,855.26	3/4	2,216.80	3/4	2,578.33	3/4	2,939.85	3/4	3,301.28
2	58.45	2	418.62	2	780.12	2	1,139.76	2	1,501.24	2	1,862.79	2	2,224.33	2	2,585.86	2	2,947.38	2	3,308.81
1/4	65.12	1/4	426.15	1/4	787.63	1/4	1,147.28	1/4	1,508.77	1/4	1,870.32	1/4	2,231.86	1/4	2,593.39	1/4	2,954.91	1/4	3,316.34
1/2	71.79	1/2	433.68	1/2	795.13	1/2	1,154.80	1/2	1,516.31	1/2	1,877.85	1/2	2,239.39	1/2	2,600.93	1/2	2,962.44	1/2	3,323.87
3/4	78.45	3/4	441.21	3/4	802.64	3/4	1,162.32	3/4	1,523.85	3/4	1,885.38	3/4	2,246.92	3/4	2,608.46	3/4	2,969.97	3/4	3,331.40
3	85.12	3	448.74	3	810.14	3	1,169.83	3	1,531.38	3	1,892.91	3	2,254.45	3	2,616.00	3	2,977.50	3	3,338.93
1/4	93.04	1/4	456.27	1/4	817.63	1/4	1,177.36	1/4	1,538.91	1/4	1,900.44	1/4	2,261.99	1/4	2,623.53	1/4	2,985.03	1/4	3,346.46
1/2	100.96	1/2	463.80	1/2	825.12	1/2	1,184.89	1/2	1,546.44	1/2	1,907.98	1/2	2,269.52	1/2	2,631.06	1/2	2,992.56	1/2	3,353.99
3/4	108.89	3/4	471.33	3/4	832.61	3/4	1,192.42	3/4	1,553.97	3/4	1,915.51	3/4	2,277.06	3/4	2,638.59	3/4	3,000.09	3/4	3,361.52
4	116.81	4	478.86	4	840.10	4	1,199.95	4	1,561.50	4	1,923.05	4	2,284.60	4	2,646.12	4	3,007.62	4	3,369.05
1/4	124.48	1/4	486.39	1/4	847.59	1/4	1,207.49	1/4	1,569.04	1/4	1,930.58	1/4	2,292.12	1/4	2,653.65	1/4	3,016.77	1/4	3,376.58
1/2	132.15	1/2	493.93	1/2	855.08	1/2	1,215.02	1/2	1,576.57	1/2	1,938.11	1/2	2,299.65	1/2	2,661.19	1/2	3,025.93	1/2	3,384.11
3/4	139.83	3/4	501.46	3/4	862.58	3/4	1,222.56	3/4	1,584.11	3/4	1,945.64	3/4	2,307.18	3/4	2,668.73	3/4	3,035.08	3/4	3,391.64
5	147.50	5	509.00	5	870.07	5	1,230.10	5	1,591.64	5	1,953.17	5	2,314.71	5	2,676.26	5	3,044.24	5	3,399.17
1/4	155.03	1/4	516.53	1/4	877.57	1/4	1,237.62	1/4	1,599.17	1/4	1,960.70	1/4	2,322.24	1/4	2,683.79	1/4	3,050.14	1/4	3,406.70
1/2	162.56	1/2	524.06	1/2	885.06	1/2	1,245.15	1/2	1,606.70	1/2	1,968.24	1/2	2,329.77	1/2	2,691.32	1/2	3,056.05	1/2	3,414.23
3/4	170.09	3/4	531.59	3/4	892.55	3/4	1,252.68	3/4	1,614.23	3/4	1,975.77	3/4	2,337.30	3/4	2,698.85	3/4	3,061.95	3/4	3,421.76
6	177.62	6	539.12	6	900.05	6	1,260.21	6	1,621.76	6	1,983.31	6	2,344.83	6	2,706.38	6	3,067.86	6	3,429.29
1/4	185.15	1/4	546.65	1/4	907.54	1/4	1,267.75	1/4	1,629.29	1/4	1,990.84	1/4	2,352.37	1/4	2,713.91	1/4	3,075.39	1/4	3,436.82
1/2	192.68	1/2	554.18	1/2	915.02	1/2	1,275.29	1/2	1,636.82	1/2	1,998.37	1/2	2,359.90	1/2	2,721.44	1/2	3,082.92	1/2	3,444.35
3/4	200.21	3/4	561.71	3/4	922.51	3/4	1,282.82	3/4	1,644.35	3/4	2,005.90	3/4	2,367.44	3/4	2,728.97	3/4	3,090.45	3/4	3,451.88
7	207.74	7	569.24	7	930.00	7	1,290.36	7	1,651.88	7	2,013.43	7	2,374.98	7	2,736.50	7	3,097.98	7	3,459.41
1/4	215.27	1/4	576.77	1/4	937.49	1/4	1,297.89	1/4	1,659.42	1/4	2,020.96	1/4	2,382.51	1/4	2,744.04	1/4	3,105.51	1/4	3,466.94
1/2	222.80	1/2	584.30	1/2	944.99	1/2	1,305.42	1/2	1,666.95	1/2	2,028.49	1/2	2,390.04	1/2	2,751.57	1/2	3,113.04	1/2	3,474.47
3/4	230.33	3/4	591.83	3/4	952.48	3/4	1,312.95	3/4	1,674.49	3/4	2,036.02	3/4	2,397.57	3/4	2,759.11	3/4	3,120.57	3/4	3,482.00
8	237.86	8	599.36	8	959.98	8	1,320.48	8	1,682.02	8	2,043.55	8	2,405.10	8	2,766.64	8	3,128.10	8	3,489.53
1/4	245.39	1/4	606.89	1/4	967.46	1/4	1,328.01	1/4	1,689.55	1/4	2,051.08	1/4	2,412.63	1/4	2,774.17	1/4	3,135.63	1/4	3,497.05
1/2	252.93	1/2	614.43	1/2	974.95	1/2	1,335.54	1/2	1,697.08	1/2	2,058.62	1/2	2,420.17	1/2	2,781.70	1/2	3,143.16	1/2	3,504.57
3/4	260.46	3/4	621.96	3/4	982.44	3/4	1,343.07	3/4	1,704.61	3/4	2,066.15	3/4	2,427.70	3/4	2,789.23	3/4	3,150.68	3/4	3,512.10
9	268.00	9	629.50	9	989.93	9	1,350.60	9	1,712.14	9	2,073.69	9	2,435.24	9	2,796.76	9	3,158.21	9	3,519.62
1/4	275.53	1/4	637.03	1/4	997.42	1/4	1,358.13	1/4	1,719.67	1/4	2,081.22	1/4	2,442.77	1/4	2,804.30	1/4	3,165.74	1/4	3,527.15
1/2	283.06	1/2	644.56	1/2	1,004.92	1/2	1,365.67	1/2	1,727.20	1/2	2,088.75	1/2	2,450.30	1/2	2,811.83	1/2	3,173.27	1/2	3,534.68
3/4	290.59	3/4	652.09	3/4	1,012.41	3/4	1,373.20	3/4	1,734.73	3/4	2,096.28	3/4	2,457.83	3/4	2,819.37	3/4	3,180.80	3/4	3,542.21
10	298.12	10	659.62	10	1,019.90	10	1,380.74	10	1,742.26	10	2,103.81	10	2,465.36	10	2,826.90	10	3,188.33	10	3,549.74
1/4	305.65	1/4	667.15	1/4	1,027.39	1/4	1,388.27	1/4	1,749.80	1/4	2,111.35	1/4	2,472.89	1/4	2,834.43	1/4	3,195.86	1/4	3,557.27
1/2	313.18	1/2	674.68	1/2	1,034.88	1/2	1,395.80	1/2	1,757.33	1/2	2,118.88	1/2	2,480.42	1/2	2,841.96	1/2	3,203.39	1/2	3,564.80
3/4	320.71	3/4	682.21	3/4	1,042.37	3/4	1,403.33	3/4	1,764.87	3/4	2,126.42	3/4	2,487.95	3/4	2,849.49	3/4	3,210.92	3/4	3,572.33
11	328.24	11	689.74	11	1,049.86	11	1,410.86	11	1,772.40	11	2,133.95	11	2,495.48	11	2,857.02	11	3,218.45	11	3,579.86
1/4	335.77	1/4	697.27	1/4	1,057.35	1/4	1,418.39	1/4	1,779.93	1/4	2,141.48	1/4	2,503.01	1/4	2,864.55	1/4	3,225.98	1/4	3,587.39
1/2	343.30	1/2	704.80	1/2	1,064.85	1/2	1,425.93	1/2	1,787.46	1/2	2,149.01	1/2	2,510.55	1/2	2,872.08	1/2	3,233.51	1/2	3,594.92
3/4	350.83	3/4	712.33	3/4	1,072.34	3/4	1,433.46	3/4	1,794.99	3/4	2,156.54	3/4	2,518.08	3/4	2,879.61	3/4	3,241.04	3/4	3,602.45

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-10" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "NGL 3003"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,609.98	0	3,971.41	0	4,332.81	0	4,694.24	0	5,054.62	0		0		0		0		0	
1/4	3,617.51	1/4	3,978.94	1/4	4,340.34	1/4	4,701.76	1/4	5,062.12	1/4		1/4		1/4		1/4		1/4	
1/2	3,625.04	1/2	3,986.47	1/2	4,347.87	1/2	4,709.29	1/2	5,069.62	1/2		1/2		1/2		1/2		1/2	
3/4	3,632.57	3/4	3,994.00	3/4	4,355.40	3/4	4,716.81	3/4	5,077.12	3/4		3/4		3/4		3/4		3/4	
1	3,640.10	1	4,001.53	1	4,362.93	1	4,724.33	1	5,084.62	1		1		1		1		1	
1/4	3,647.63	1/4	4,009.06	1/4	4,370.46	1/4	4,731.86	1/4	5,092.12	1/4		1/4		1/4		1/4		1/4	
1/2	3,655.16	1/2	4,016.59	1/2	4,377.99	1/2	4,739.39	1/2	5,099.62	1/2		1/2		1/2		1/2		1/2	
3/4	3,662.69	3/4	4,024.12	3/4	4,385.52	3/4	4,746.92	3/4	5,107.12	3/4		3/4		3/4		3/4		3/4	
2	3,670.22	2	4,031.65	2	4,393.05	2	4,754.45	2	5,114.62	2		2		2		2		2	
1/4	3,677.74	1/4	4,039.18	1/4	4,400.58	1/4	4,761.98	1/4	5,122.12	1/4		1/4		1/4		1/4		1/4	
1/2	3,685.27	1/2	4,046.71	1/2	4,408.11	1/2	4,769.51	1/2	5,129.62	1/2		1/2		1/2		1/2		1/2	
3/4	3,692.80	3/4	4,054.23	3/4	4,415.64	3/4	4,777.04	3/4	5,137.12	3/4		3/4		3/4		3/4		3/4	
3	3,700.33	3	4,061.76	3	4,423.17	3	4,784.57	3	5,144.62	3		3		3		3		3	
1/4	3,707.86	1/4	4,069.29	1/4	4,430.70	1/4	4,792.08	1/4	5,152.12	1/4		1/4		1/4		1/4		1/4	
1/2	3,715.39	1/2	4,076.82	1/2	4,438.23	1/2	4,799.60	1/2	5,159.62	1/2		1/2		1/2		1/2		1/2	
3/4	3,722.92	3/4	4,084.35	3/4	4,445.76	3/4	4,807.11	3/4	5,167.12	3/4		3/4		3/4		3/4		3/4	
4	3,730.45	4	4,091.88	4	4,453.29	4	4,814.62	4	5,174.62	4		4		4		4		4	
1/4	3,737.98	1/4	4,099.41	1/4	4,460.82	1/4	4,822.12	1/4	5,182.12	1/4		1/4		1/4		1/4		1/4	
1/2	3,745.51	1/2	4,106.93	1/2	4,468.35	1/2	4,829.62	1/2	5,189.62	1/2		1/2		1/2		1/2		1/2	
3/4	3,753.04	3/4	4,114.45	3/4	4,475.88	3/4	4,837.12	3/4	5,197.14	3/4		3/4		3/4		3/4		3/4	
5	3,760.57	5	4,121.98	5	4,483.41	5	4,844.62	5	5,204.64	5		5		5		5		5	
1/4	3,768.10	1/4	4,129.51	1/4	4,490.94	1/4	4,852.12	1/4	5,211.76	1/4		1/4		1/4		1/4		1/4	
1/2	3,775.63	1/2	4,137.04	1/2	4,498.47	1/2	4,859.62	1/2	5,218.87	1/2		1/2		1/2		1/2		1/2	
3/4	3,783.16	3/4	4,144.57	3/4	4,506.00	3/4	4,867.12	3/4	5,225.98	3/4		3/4		3/4		3/4		3/4	
6	3,790.69	6	4,152.10	6	4,513.53	6	4,874.62	6	5,233.10	6		6		6		6		6	
1/4	3,798.22	1/4	4,159.63	1/4	4,521.06	1/4	4,882.12	1/4	5,238.99	1/4		1/4		1/4		1/4		1/4	
1/2	3,805.75	1/2	4,167.16	1/2	4,528.59	1/2	4,889.62	1/2	5,244.88	1/2		1/2		1/2		1/2		1/2	
3/4	3,813.28	3/4	4,174.68	3/4	4,536.12	3/4	4,897.12	3/4	5,250.77	3/4		3/4		3/4		3/4		3/4	
7	3,820.81	7	4,182.21	7	4,543.65	7	4,904.62	7	5,256.67	7		7		7		7		7	
1/4	3,828.34	1/4	4,189.74	1/4	4,551.17	1/4	4,912.12	1/4	5,261.30	1/4		1/4		1/4		1/4		1/4	
1/2	3,835.87	1/2	4,197.27	1/2	4,558.70	1/2	4,919.62	1/2	5,265.94	1/2		1/2		1/2		1/2		1/2	
3/4	3,843.40	3/4	4,204.80	3/4	4,566.23	3/4	4,927.12	3/4	5,270.58	3/4		3/4		3/4		3/4		3/4	
8	3,850.93	8	4,212.33	8	4,573.76	8	4,934.62	8	5,275.21	8		8		8		8		8	
1/4	3,858.46	1/4	4,219.86	1/4	4,581.29	1/4	4,942.12	1/4	5,278.60	1/4		1/4		1/4		1/4		1/4	
1/2	3,865.99	1/2	4,227.39	1/2	4,588.82	1/2	4,949.62	1/2	5,281.98	1/2		1/2		1/2		1/2		1/2	
3/4	3,873.52	3/4	4,234.92	3/4	4,596.35	3/4	4,957.12	3/4	5,285.36	3/4		3/4		3/4		3/4		3/4	
9	3,881.05	9	4,242.45	9	4,603.88	9	4,964.62	9	5,288.74	9		9		9		9		9	
1/4	3,888.58	1/4	4,249.98	1/4	4,611.41	1/4	4,972.12	1/4	5,290.89	1/4		1/4		1/4		1/4		1/4	
1/2	3,896.11	1/2	4,257.51	1/2	4,618.94	1/2	4,979.62	1/2	5,293.04	1/2		1/2		1/2		1/2		1/2	
3/4	3,903.64	3/4	4,265.04	3/4	4,626.47	3/4	4,987.12	3/4	5,295.18	3/4		3/4		3/4		3/4		3/4	
10	3,911.17	10	4,272.57	10	4,634.00	10	4,994.62	10	5,297.33	10		10		10		10		10	
1/4	3,918.70	1/4	4,280.10	1/4	4,641.53	1/4	5,002.12	1/4	5,298.23	1/4		1/4		1/4		1/4		1/4	
1/2	3,926.23	1/2	4,287.63	1/2	4,649.06	1/2	5,009.62	1/2	5,299.13	1/2		1/2		1/2		1/2		1/2	
3/4	3,933.76	3/4	4,295.16	3/4	4,656.59	3/4	5,017.12	3/4	5,300.03	3/4		3/4		3/4		3/4		3/4	
11	3,941.29	11	4,302.69	11	4,664.12	11	5,024.62	11	5,300.93	11		11		11		11		11	
1/4	3,948.82	1/4	4,310.22	1/4	4,671.65	1/4	5,032.12	1/4	5,301.05	1/4		1/4		1/4		1/4		1/4	
1/2	3,956.35	1/2	4,317.75	1/2	4,679.18	1/2	5,039.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,963.88	3/4	4,325.28	3/4	4,686.71	3/4	5,047.12	3/4		3/4		3/4		3/4		3/4		3/4	

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REPRINTED: 02/20/2017 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2017

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "NGL 3003"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	20.12	0	357.50	0	718.10	0	1,078.69	0	1,439.31	0	1,799.98	0	2,160.64	0	2,521.29	0	2,881.95	0	3,242.48
1/4	24.27	1/4	365.01	1/4	725.61	1/4	1,086.20	1/4	1,446.83	1/4	1,807.49	1/4	2,168.15	1/4	2,528.80	1/4	2,889.46	1/4	3,249.99
1/2	28.42	1/2	372.52	1/2	733.13	1/2	1,093.71	1/2	1,454.35	1/2	1,815.00	1/2	2,175.67	1/2	2,536.31	1/2	2,896.98	1/2	3,257.50
3/4	32.57	3/4	380.04	3/4	740.65	3/4	1,101.23	3/4	1,461.86	3/4	1,822.51	3/4	2,183.18	3/4	2,543.82	3/4	2,904.49	3/4	3,265.01
1	36.71	1	387.55	1	748.17	1	1,108.74	1	1,469.38	1	1,830.02	1	2,190.69	1	2,551.33	1	2,912.00	1	3,272.52
1/4	42.11	1/4	395.06	1/4	755.68	1/4	1,116.25	1/4	1,476.89	1/4	1,837.54	1/4	2,198.20	1/4	2,558.85	1/4	2,919.51	1/4	3,280.04
1/2	47.51	1/2	402.57	1/2	763.19	1/2	1,123.76	1/2	1,484.40	1/2	1,845.06	1/2	2,205.71	1/2	2,566.37	1/2	2,927.01	1/2	3,287.55
3/4	52.91	3/4	410.08	3/4	770.70	3/4	1,131.27	3/4	1,491.92	3/4	1,852.58	3/4	2,213.23	3/4	2,573.89	3/4	2,934.52	3/4	3,295.06
2	58.31	2	417.60	2	778.21	2	1,138.79	2	1,499.43	2	1,860.10	2	2,220.74	2	2,581.40	2	2,942.02	2	3,302.57
1/4	64.96	1/4	425.11	1/4	785.73	1/4	1,146.30	1/4	1,506.94	1/4	1,867.61	1/4	2,228.25	1/4	2,588.92	1/4	2,949.54	1/4	3,310.08
1/2	71.61	1/2	432.62	1/2	793.24	1/2	1,153.81	1/2	1,514.45	1/2	1,875.12	1/2	2,235.76	1/2	2,596.43	1/2	2,957.05	1/2	3,317.58
3/4	78.26	3/4	440.13	3/4	800.75	3/4	1,161.32	3/4	1,521.96	3/4	1,882.63	3/4	2,243.27	3/4	2,603.94	3/4	2,964.56	3/4	3,325.09
3	84.90	3	447.64	3	808.26	3	1,168.83	3	1,529.48	3	1,890.14	3	2,250.79	3	2,611.45	3	2,972.07	3	3,332.60
1/4	92.81	1/4	455.15	1/4	815.77	1/4	1,176.34	1/4	1,536.99	1/4	1,897.65	1/4	2,258.30	1/4	2,618.96	1/4	2,979.58	1/4	3,340.11
1/2	100.71	1/2	462.67	1/2	823.29	1/2	1,183.86	1/2	1,544.51	1/2	1,905.17	1/2	2,265.82	1/2	2,626.48	1/2	2,987.10	1/2	3,347.62
3/4	108.62	3/4	470.18	3/4	830.80	3/4	1,191.37	3/4	1,552.03	3/4	1,912.68	3/4	2,273.34	3/4	2,633.99	3/4	2,994.61	3/4	3,355.13
4	116.52	4	477.69	4	838.31	4	1,198.88	4	1,559.55	4	1,920.19	4	2,280.86	4	2,641.50	4	3,002.12	4	3,362.64
1/4	124.17	1/4	485.20	1/4	845.82	1/4	1,206.39	1/4	1,567.06	1/4	1,927.70	1/4	2,288.37	1/4	2,649.02	1/4	3,009.63	1/4	3,370.15
1/2	131.82	1/2	492.71	1/2	853.33	1/2	1,213.90	1/2	1,574.57	1/2	1,935.21	1/2	2,295.88	1/2	2,656.54	1/2	3,017.14	1/2	3,377.67
3/4	139.47	3/4	500.23	3/4	860.85	3/4	1,221.42	3/4	1,582.08	3/4	1,942.73	3/4	2,303.39	3/4	2,664.05	3/4	3,024.65	3/4	3,385.18
5	147.12	5	507.74	5	868.36	5	1,228.93	5	1,589.60	5	1,950.24	5	2,310.90	5	2,671.57	5	3,032.17	5	3,392.69
1/4	154.64	1/4	515.25	1/4	875.87	1/4	1,236.45	1/4	1,597.11	1/4	1,957.76	1/4	2,318.42	1/4	2,679.08	1/4	3,039.68	1/4	3,400.20
1/2	162.15	1/2	522.76	1/2	883.38	1/2	1,243.96	1/2	1,604.62	1/2	1,965.27	1/2	2,325.93	1/2	2,686.60	1/2	3,047.19	1/2	3,407.71
3/4	169.67	3/4	530.27	3/4	890.89	3/4	1,251.48	3/4	1,612.13	3/4	1,972.79	3/4	2,333.44	3/4	2,694.11	3/4	3,054.70	3/4	3,415.23
6	177.19	6	537.79	6	898.40	6	1,259.00	6	1,619.64	6	1,980.31	6	2,340.95	6	2,701.62	6	3,062.21	6	3,422.74
1/4	184.70	1/4	545.30	1/4	905.92	1/4	1,266.51	1/4	1,627.16	1/4	1,987.82	1/4	2,348.47	1/4	2,709.13	1/4	3,069.73	1/4	3,430.25
1/2	192.21	1/2	552.82	1/2	913.43	1/2	1,274.02	1/2	1,634.68	1/2	1,995.33	1/2	2,355.99	1/2	2,716.64	1/2	3,077.24	1/2	3,437.76
3/4	199.73	3/4	560.34	3/4	920.94	3/4	1,281.54	3/4	1,642.20	3/4	2,002.85	3/4	2,363.51	3/4	2,724.15	3/4	3,084.75	3/4	3,445.27
7	207.24	7	567.86	7	928.45	7	1,289.05	7	1,649.71	7	2,010.36	7	2,371.02	7	2,731.67	7	3,092.26	7	3,452.79
1/4	214.75	1/4	575.37	1/4	935.96	1/4	1,296.56	1/4	1,657.23	1/4	2,017.87	1/4	2,378.54	1/4	2,739.18	1/4	3,099.77	1/4	3,460.30
1/2	222.26	1/2	582.88	1/2	943.48	1/2	1,304.07	1/2	1,664.74	1/2	2,025.38	1/2	2,386.05	1/2	2,746.69	1/2	3,107.29	1/2	3,467.81
3/4	229.77	3/4	590.39	3/4	950.99	3/4	1,311.58	3/4	1,672.25	3/4	2,032.89	3/4	2,393.56	3/4	2,754.20	3/4	3,114.80	3/4	3,475.32
8	237.29	8	597.90	8	958.50	8	1,319.10	8	1,679.76	8	2,040.40	8	2,401.07	8	2,761.71	8	3,122.31	8	3,482.83
1/4	244.80	1/4	605.42	1/4	966.01	1/4	1,326.61	1/4	1,687.27	1/4	2,047.92	1/4	2,408.58	1/4	2,769.23	1/4	3,129.82	1/4	3,490.35
1/2	252.31	1/2	612.93	1/2	973.52	1/2	1,334.13	1/2	1,694.79	1/2	2,055.44	1/2	2,416.10	1/2	2,776.75	1/2	3,137.32	1/2	3,497.86
3/4	259.82	3/4	620.44	3/4	981.04	3/4	1,341.65	3/4	1,702.30	3/4	2,062.96	3/4	2,423.61	3/4	2,784.27	3/4	3,144.83	3/4	3,505.37
9	267.33	9	627.95	9	988.55	9	1,349.17	9	1,709.81	9	2,070.48	9	2,431.12	9	2,791.79	9	3,152.33	9	3,512.88
1/4	274.85	1/4	635.46	1/4	996.06	1/4	1,356.68	1/4	1,717.32	1/4	2,077.99	1/4	2,438.63	1/4	2,799.30	1/4	3,159.85	1/4	3,517.78
1/2	282.36	1/2	642.98	1/2	1,003.57	1/2	1,364.19	1/2	1,724.83	1/2	2,085.50	1/2	2,446.14	1/2	2,806.81	1/2	3,167.36	1/2	3,522.68
3/4	289.87	3/4	650.49	3/4	1,011.08	3/4	1,371.70	3/4	1,732.35	3/4	2,093.01	3/4	2,453.65	3/4	2,814.32	3/4	3,174.87	3/4	3,527.58
10	297.38	10	658.00	10	1,018.60	10	1,379.21	10	1,739.86	10	2,100.52	10	2,461.17	10	2,821.83	10	3,182.38	10	3,532.48
1/4	304.89	1/4	665.51	1/4	1,026.11	1/4	1,386.73	1/4	1,747.37	1/4	2,108.04	1/4	2,468.68	1/4	2,829.35	1/4	3,189.89	1/4	3,536.51
1/2	312.40	1/2	673.02	1/2	1,033.62	1/2	1,394.24	1/2	1,754.89	1/2	2,115.55	1/2	2,476.20	1/2	2,836.86	1/2	3,197.40	1/2	3,540.54
3/4	319.92	3/4	680.54	3/4	1,041.13	3/4	1,401.75	3/4	1,762.41	3/4	2,123.06	3/4	2,483.72	3/4	2,844.37	3/4	3,204.92	3/4	3,544.57
11	327.43	11	688.05	11	1,048.64	11	1,409.26	11	1,769.93	11	2,130.57	11	2,491.24	11	2,851.88	11	3,212.43	11	3,548.60
1/4	334.95	1/4	695.56	1/4	1,056.15	1/4	1,416.77	1/4	1,777.44	1/4	2,138.09	1/4	2,498.75	1/4	2,859.40	1/4	3,219.94	1/4	3,552.62
1/2	342.46	1/2	703.07	1/2	1,063.67	1/2	1,424.29	1/2	1,784.95	1/2	2,145.61	1/2	2,506.26	1/2	2,866.92	1/2	3,227.45	1/2	3,556.64
3/4	349.98	3/4	710.58	3/4	1,071.18	3/4	1,431.80	3/4	1,792.46	3/4	2,153.13	3/4	2,513.77	3/4	2,874.43	3/4	3,234.96	3/4	3,560.67

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-10" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "NGL 3003"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,564.69	0	3,758.10	0	3,951.48	0	4,144.86	0	4,337.21	0		0		0		0		0	
1/4	3,568.72	1/4	3,762.13	1/4	3,955.51	1/4	4,148.89	1/4	4,341.21	1/4		1/4		1/4		1/4		1/4	
1/2	3,572.75	1/2	3,766.16	1/2	3,959.54	1/2	4,152.92	1/2	4,345.21	1/2		1/2		1/2		1/2		1/2	
3/4	3,576.78	3/4	3,770.19	3/4	3,963.57	3/4	4,156.95	3/4	4,349.21	3/4		3/4		3/4		3/4		3/4	
1	3,580.81	1	3,774.22	1	3,967.60	1	4,160.98	1	4,353.21	1		1		1		1		1	
1/4	3,584.84	1/4	3,778.24	1/4	3,971.63	1/4	4,165.01	1/4	4,357.21	1/4		1/4		1/4		1/4		1/4	
1/2	3,588.87	1/2	3,782.26	1/2	3,975.66	1/2	4,169.04	1/2	4,361.21	1/2		1/2		1/2		1/2		1/2	
3/4	3,592.90	3/4	3,786.29	3/4	3,979.69	3/4	4,173.07	3/4	4,365.21	3/4		3/4		3/4		3/4		3/4	
2	3,596.93	2	3,790.31	2	3,983.71	2	4,177.10	2	4,369.21	2		2		2		2		2	
1/4	3,600.96	1/4	3,794.34	1/4	3,987.74	1/4	4,181.13	1/4	4,373.21	1/4		1/4		1/4		1/4		1/4	
1/2	3,604.99	1/2	3,798.37	1/2	3,991.77	1/2	4,185.16	1/2	4,377.21	1/2		1/2		1/2		1/2		1/2	
3/4	3,609.02	3/4	3,802.40	3/4	3,995.80	3/4	4,189.19	3/4	4,381.21	3/4		3/4		3/4		3/4		3/4	
3	3,613.05	3	3,806.43	3	3,999.83	3	4,193.21	3	4,385.21	3		3		3		3		3	
1/4	3,617.08	1/4	3,810.46	1/4	4,003.86	1/4	4,197.22	1/4	4,389.22	1/4		1/4		1/4		1/4		1/4	
1/2	3,621.11	1/2	3,814.49	1/2	4,007.88	1/2	4,201.23	1/2	4,393.23	1/2		1/2		1/2		1/2		1/2	
3/4	3,625.14	3/4	3,818.52	3/4	4,011.90	3/4	4,205.23	3/4	4,397.23	3/4		3/4		3/4		3/4		3/4	
4	3,629.17	4	3,822.55	4	4,015.93	4	4,209.24	4	4,401.24	4		4		4		4		4	
1/4	3,633.20	1/4	3,826.58	1/4	4,019.96	1/4	4,213.24	1/4	4,405.24	1/4		1/4		1/4		1/4		1/4	
1/2	3,637.23	1/2	3,830.61	1/2	4,023.99	1/2	4,217.24	1/2	4,409.24	1/2		1/2		1/2		1/2		1/2	
3/4	3,641.26	3/4	3,834.64	3/4	4,028.02	3/4	4,221.24	3/4	4,413.24	3/4		3/4		3/4		3/4		3/4	
5	3,645.29	5	3,838.67	5	4,032.05	5	4,225.24	5	4,417.24	5		5		5		5		5	
1/4	3,649.32	1/4	3,842.70	1/4	4,036.08	1/4	4,229.24	1/4	4,421.03	1/4		1/4		1/4		1/4		1/4	
1/2	3,653.35	1/2	3,846.73	1/2	4,040.11	1/2	4,233.24	1/2	4,424.82	1/2		1/2		1/2		1/2		1/2	
3/4	3,657.38	3/4	3,850.76	3/4	4,044.14	3/4	4,237.24	3/4	4,428.61	3/4		3/4		3/4		3/4		3/4	
6	3,661.41	6	3,854.79	6	4,048.17	6	4,241.24	6	4,432.40	6		6		6		6		6	
1/4	3,665.43	1/4	3,858.82	1/4	4,052.20	1/4	4,245.24	1/4	4,435.55	1/4		1/4		1/4		1/4		1/4	
1/2	3,669.45	1/2	3,862.85	1/2	4,056.23	1/2	4,249.24	1/2	4,438.69	1/2		1/2		1/2		1/2		1/2	
3/4	3,673.48	3/4	3,866.88	3/4	4,060.26	3/4	4,253.24	3/4	4,441.83	3/4		3/4		3/4		3/4		3/4	
7	3,677.50	7	3,870.91	7	4,064.29	7	4,257.24	7	4,444.98	7		7		7		7		7	
1/4	3,681.53	1/4	3,874.94	1/4	4,068.32	1/4	4,261.24	1/4	4,447.44	1/4		1/4		1/4		1/4		1/4	
1/2	3,685.56	1/2	3,878.96	1/2	4,072.35	1/2	4,265.24	1/2	4,449.90	1/2		1/2		1/2		1/2		1/2	
3/4	3,689.59	3/4	3,882.99	3/4	4,076.38	3/4	4,269.24	3/4	4,452.37	3/4		3/4		3/4		3/4		3/4	
8	3,693.62	8	3,887.02	8	4,080.41	8	4,273.24	8	4,454.83	8		8		8		8		8	
1/4	3,697.65	1/4	3,891.05	1/4	4,084.44	1/4	4,277.24	1/4	4,456.63	1/4		1/4		1/4		1/4		1/4	
1/2	3,701.68	1/2	3,895.07	1/2	4,088.46	1/2	4,281.24	1/2	4,458.43	1/2		1/2		1/2		1/2		1/2	
3/4	3,705.71	3/4	3,899.10	3/4	4,092.49	3/4	4,285.24	3/4	4,460.23	3/4		3/4		3/4		3/4		3/4	
9	3,709.74	9	3,903.12	9	4,096.52	9	4,289.24	9	4,462.02	9		9		9		9		9	
1/4	3,713.77	1/4	3,907.15	1/4	4,100.55	1/4	4,293.23	1/4	4,463.17	1/4		1/4		1/4		1/4		1/4	
1/2	3,717.80	1/2	3,911.18	1/2	4,104.58	1/2	4,297.23	1/2	4,464.32	1/2		1/2		1/2		1/2		1/2	
3/4	3,721.83	3/4	3,915.21	3/4	4,108.61	3/4	4,301.22	3/4	4,465.47	3/4		3/4		3/4		3/4		3/4	
10	3,725.86	10	3,919.24	10	4,112.64	10	4,305.21	10	4,466.62	10		10		10		10		10	
1/4	3,729.89	1/4	3,923.27	1/4	4,116.67	1/4	4,309.21	1/4	4,467.10	1/4		1/4		1/4		1/4		1/4	
1/2	3,733.92	1/2	3,927.30	1/2	4,120.69	1/2	4,313.21	1/2	4,467.57	1/2		1/2		1/2		1/2		1/2	
3/4	3,737.95	3/4	3,931.33	3/4	4,124.71	3/4	4,317.21	3/4	4,468.05	3/4		3/4		3/4		3/4		3/4	
11	3,741.98	11	3,935.36	11	4,128.74	11	4,321.21	11	4,468.52	11		11		11		11		11	
1/4	3,746.01	1/4	3,939.39	1/4	4,132.77	1/4	4,325.21	1/4	4,468.60	1/4		1/4		1/4		1/4		1/4	
1/2	3,750.04	1/2	3,943.42	1/2	4,136.80	1/2	4,329.21	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,754.07	3/4	3,947.45	3/4	4,140.83	3/4	4,333.21	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/19/2012 JLF
DECK MEASUREMENTS: 2/17/2017 CL SW
REPRINTED: 02/20/2017 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2017

PRECISION MEASUREMENT
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BARGE "NGL 3003"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	20.10	0	357.45	0	718.10	0	1,077.31	0	1,437.40	0	1,798.02	0	2,158.69	0	2,519.33	0	2,880.00	0	3,240.52
1/4	24.24	1/4	364.96	1/4	725.61	1/4	1,084.79	1/4	1,444.91	1/4	1,805.54	1/4	2,166.20	1/4	2,526.85	1/4	2,887.51	1/4	3,248.04
1/2	28.38	1/2	372.48	1/2	733.12	1/2	1,092.26	1/2	1,452.42	1/2	1,813.06	1/2	2,173.71	1/2	2,534.37	1/2	2,895.02	1/2	3,255.55
3/4	32.52	3/4	379.99	3/4	740.63	3/4	1,099.74	3/4	1,459.92	3/4	1,820.58	3/4	2,181.23	3/4	2,541.89	3/4	2,902.54	3/4	3,263.06
1	36.67	1	387.50	1	748.14	1	1,107.21	1	1,467.43	1	1,828.10	1	2,188.74	1	2,549.40	1	2,910.05	1	3,270.57
1/4	42.07	1/4	395.02	1/4	755.65	1/4	1,114.70	1/4	1,474.95	1/4	1,835.61	1/4	2,196.26	1/4	2,556.92	1/4	2,917.56	1/4	3,278.08
1/2	47.46	1/2	402.54	1/2	763.17	1/2	1,122.18	1/2	1,482.46	1/2	1,843.12	1/2	2,203.77	1/2	2,564.43	1/2	2,925.07	1/2	3,285.59
3/4	52.86	3/4	410.05	3/4	770.68	3/4	1,129.66	3/4	1,489.98	3/4	1,850.63	3/4	2,211.29	3/4	2,571.94	3/4	2,932.58	3/4	3,293.11
2	58.26	2	417.57	2	778.19	2	1,137.14	2	1,497.50	2	1,858.14	2	2,218.81	2	2,579.45	2	2,940.10	2	3,300.62
1/4	64.91	1/4	425.08	1/4	785.68	1/4	1,144.64	1/4	1,505.01	1/4	1,865.65	1/4	2,226.32	1/4	2,586.96	1/4	2,947.61	1/4	3,308.13
1/2	71.56	1/2	432.60	1/2	793.17	1/2	1,152.14	1/2	1,512.52	1/2	1,873.17	1/2	2,233.83	1/2	2,594.48	1/2	2,955.12	1/2	3,315.64
3/4	78.21	3/4	440.11	3/4	800.65	3/4	1,159.64	3/4	1,520.04	3/4	1,880.68	3/4	2,241.35	3/4	2,601.99	3/4	2,962.63	3/4	3,323.15
3	84.86	3	447.62	3	808.14	3	1,167.14	3	1,527.55	3	1,888.19	3	2,248.86	3	2,609.50	3	2,970.14	3	3,330.67
1/4	92.76	1/4	455.13	1/4	815.62	1/4	1,174.65	1/4	1,535.06	1/4	1,895.71	1/4	2,256.37	1/4	2,617.02	1/4	2,977.65	1/4	3,338.18
1/2	100.67	1/2	462.64	1/2	823.10	1/2	1,182.15	1/2	1,542.57	1/2	1,903.23	1/2	2,263.88	1/2	2,624.54	1/2	2,985.15	1/2	3,345.69
3/4	108.57	3/4	470.15	3/4	830.57	3/4	1,189.66	3/4	1,550.08	3/4	1,910.74	3/4	2,271.39	3/4	2,632.05	3/4	2,992.66	3/4	3,353.20
4	116.48	4	477.67	4	838.05	4	1,197.17	4	1,557.60	4	1,918.26	4	2,278.90	4	2,639.57	4	3,000.17	4	3,360.71
1/4	124.12	1/4	485.18	1/4	845.52	1/4	1,204.68	1/4	1,565.11	1/4	1,925.77	1/4	2,286.42	1/4	2,647.08	1/4	3,007.68	1/4	3,368.22
1/2	131.77	1/2	492.69	1/2	853.00	1/2	1,212.19	1/2	1,572.62	1/2	1,933.29	1/2	2,293.93	1/2	2,654.60	1/2	3,015.19	1/2	3,375.73
3/4	139.42	3/4	500.20	3/4	860.48	3/4	1,219.70	3/4	1,580.13	3/4	1,940.80	3/4	2,301.44	3/4	2,662.11	3/4	3,022.70	3/4	3,383.23
5	147.07	5	507.71	5	867.95	5	1,227.21	5	1,587.64	5	1,948.31	5	2,308.95	5	2,669.62	5	3,030.21	5	3,390.74
1/4	154.59	1/4	515.23	1/4	875.43	1/4	1,234.72	1/4	1,595.16	1/4	1,955.82	1/4	2,316.47	1/4	2,677.13	1/4	3,037.73	1/4	3,398.25
1/2	162.11	1/2	522.75	1/2	882.90	1/2	1,242.23	1/2	1,602.68	1/2	1,963.33	1/2	2,323.99	1/2	2,684.64	1/2	3,045.24	1/2	3,405.76
3/4	169.63	3/4	530.27	3/4	890.38	3/4	1,249.73	3/4	1,610.20	3/4	1,970.85	3/4	2,331.51	3/4	2,692.15	3/4	3,052.75	3/4	3,413.27
6	177.14	6	537.79	6	897.86	6	1,257.24	6	1,617.71	6	1,978.36	6	2,339.02	6	2,699.67	6	3,060.26	6	3,420.79
1/4	184.65	1/4	545.30	1/4	905.34	1/4	1,264.74	1/4	1,625.23	1/4	1,985.88	1/4	2,346.54	1/4	2,707.18	1/4	3,067.77	1/4	3,428.30
1/2	192.17	1/2	552.81	1/2	912.82	1/2	1,272.25	1/2	1,632.74	1/2	1,993.39	1/2	2,354.05	1/2	2,714.69	1/2	3,075.29	1/2	3,435.81
3/4	199.68	3/4	560.32	3/4	920.30	3/4	1,279.76	3/4	1,640.25	3/4	2,000.91	3/4	2,361.56	3/4	2,722.20	3/4	3,082.80	3/4	3,443.32
7	207.19	7	567.83	7	927.79	7	1,287.26	7	1,647.76	7	2,008.43	7	2,369.07	7	2,729.71	7	3,090.31	7	3,450.83
1/4	214.70	1/4	575.35	1/4	935.26	1/4	1,294.77	1/4	1,655.27	1/4	2,015.94	1/4	2,376.58	1/4	2,737.23	1/4	3,097.82	1/4	3,458.35
1/2	222.21	1/2	582.86	1/2	942.74	1/2	1,302.27	1/2	1,662.79	1/2	2,023.45	1/2	2,384.10	1/2	2,744.75	1/2	3,105.33	1/2	3,465.86
3/4	229.73	3/4	590.37	3/4	950.21	3/4	1,309.78	3/4	1,670.30	3/4	2,030.96	3/4	2,391.61	3/4	2,752.27	3/4	3,112.85	3/4	3,473.37
8	237.24	8	597.88	8	957.69	8	1,317.29	8	1,677.81	8	2,038.48	8	2,399.12	8	2,759.79	8	3,120.36	8	3,480.88
1/4	244.75	1/4	605.39	1/4	965.17	1/4	1,324.79	1/4	1,685.33	1/4	2,045.99	1/4	2,406.64	1/4	2,767.30	1/4	3,127.87	1/4	3,488.39
1/2	252.26	1/2	612.90	1/2	972.64	1/2	1,332.30	1/2	1,692.85	1/2	2,053.50	1/2	2,414.15	1/2	2,774.81	1/2	3,135.38	1/2	3,495.90
3/4	259.77	3/4	620.42	3/4	980.12	3/4	1,339.80	3/4	1,700.36	3/4	2,061.01	3/4	2,421.67	3/4	2,782.32	3/4	3,142.89	3/4	3,503.42
9	267.29	9	627.93	9	987.60	9	1,347.31	9	1,707.88	9	2,068.52	9	2,429.19	9	2,789.83	9	3,150.40	9	3,510.93
1/4	274.80	1/4	635.45	1/4	995.07	1/4	1,354.82	1/4	1,715.39	1/4	2,076.04	1/4	2,436.70	1/4	2,797.35	1/4	3,157.91	1/4	3,518.45
1/2	282.32	1/2	642.96	1/2	1,002.55	1/2	1,362.33	1/2	1,722.90	1/2	2,083.55	1/2	2,444.21	1/2	2,804.86	1/2	3,165.42	1/2	3,525.97
3/4	289.84	3/4	650.48	3/4	1,010.02	3/4	1,369.85	3/4	1,730.42	3/4	2,091.06	3/4	2,451.73	3/4	2,812.37	3/4	3,172.92	3/4	3,533.49
10	297.36	10	658.00	10	1,017.50	10	1,377.36	10	1,737.93	10	2,098.57	10	2,459.24	10	2,819.88	10	3,180.43	10	3,541.01
1/4	304.87	1/4	665.51	1/4	1,024.98	1/4	1,384.86	1/4	1,745.44	1/4	2,106.09	1/4	2,466.75	1/4	2,827.40	1/4	3,187.94	1/4	3,548.53
1/2	312.38	1/2	673.02	1/2	1,032.45	1/2	1,392.37	1/2	1,752.95	1/2	2,113.61	1/2	2,474.26	1/2	2,834.92	1/2	3,195.45	1/2	3,556.05
3/4	319.89	3/4	680.54	3/4	1,039.93	3/4	1,399.87	3/4	1,760.46	3/4	2,121.12	3/4	2,481.77	3/4	2,842.43	3/4	3,202.96	3/4	3,563.57
11	327.40	11	688.05	11	1,047.40	11	1,407.38	11	1,767.98	11	2,128.64	11	2,489.29	11	2,849.95	11	3,210.48	11	3,571.09
1/4	334.92	1/4	695.56	1/4	1,054.88	1/4	1,414.89	1/4	1,775.49	1/4	2,136.15	1/4	2,496.80	1/4	2,857.46	1/4	3,217.99	1/4	3,578.61
1/2	342.43	1/2	703.07	1/2	1,062.36	1/2	1,422.39	1/2	1,783.00	1/2	2,143.67	1/2	2,504.31	1/2	2,864.98	1/2	3,225.50	1/2	3,586.13
3/4	349.94	3/4	710.58	3/4	1,069.83	3/4	1,429.90	3/4	1,790.51	3/4	2,151.18	3/4	2,511.82	3/4	2,872.49	3/4	3,233.01	3/4	3,593.65

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (HERMETIC) LOCATED 10'-10" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "NGL 3003"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,562.76	0	3,756.14	0	3,949.52	0	4,142.90	0	4,335.26	0		0		0		0		0	
1/4	3,566.79	1/4	3,760.17	1/4	3,953.55	1/4	4,146.93	1/4	4,339.26	1/4		1/4		1/4		1/4		1/4	
1/2	3,570.81	1/2	3,764.20	1/2	3,957.58	1/2	4,150.96	1/2	4,343.26	1/2		1/2		1/2		1/2		1/2	
3/4	3,574.83	3/4	3,768.23	3/4	3,961.61	3/4	4,154.99	3/4	4,347.26	3/4		3/4		3/4		3/4		3/4	
1	3,578.86	1	3,772.26	1	3,965.64	1	4,159.02	1	4,351.26	1		1		1		1		1	
1/4	3,582.89	1/4	3,776.29	1/4	3,969.67	1/4	4,163.05	1/4	4,355.26	1/4		1/4		1/4		1/4		1/4	
1/2	3,586.92	1/2	3,780.32	1/2	3,973.70	1/2	4,167.08	1/2	4,359.26	1/2		1/2		1/2		1/2		1/2	
3/4	3,590.95	3/4	3,784.35	3/4	3,977.73	3/4	4,171.11	3/4	4,363.26	3/4		3/4		3/4		3/4		3/4	
2	3,594.98	2	3,788.38	2	3,981.76	2	4,175.14	2	4,367.26	2		2		2		2		2	
1/4	3,599.01	1/4	3,792.41	1/4	3,985.79	1/4	4,179.17	1/4	4,371.26	1/4		1/4		1/4		1/4		1/4	
1/2	3,603.04	1/2	3,796.43	1/2	3,989.82	1/2	4,183.20	1/2	4,375.26	1/2		1/2		1/2		1/2		1/2	
3/4	3,607.07	3/4	3,800.45	3/4	3,993.85	3/4	4,187.23	3/4	4,379.26	3/4		3/4		3/4		3/4		3/4	
3	3,611.10	3	3,804.48	3	3,997.88	3	4,191.26	3	4,383.26	3		3		3		3		3	
1/4	3,615.13	1/4	3,808.51	1/4	4,001.91	1/4	4,195.27	1/4	4,387.27	1/4		1/4		1/4		1/4		1/4	
1/2	3,619.16	1/2	3,812.54	1/2	4,005.94	1/2	4,199.27	1/2	4,391.27	1/2		1/2		1/2		1/2		1/2	
3/4	3,623.18	3/4	3,816.57	3/4	4,009.97	3/4	4,203.28	3/4	4,395.28	3/4		3/4		3/4		3/4		3/4	
4	3,627.21	4	3,820.60	4	4,014.00	4	4,207.29	4	4,399.29	4		4		4		4		4	
1/4	3,631.24	1/4	3,824.63	1/4	4,018.02	1/4	4,211.29	1/4	4,403.29	1/4		1/4		1/4		1/4		1/4	
1/2	3,635.27	1/2	3,828.66	1/2	4,022.05	1/2	4,215.29	1/2	4,407.29	1/2		1/2		1/2		1/2		1/2	
3/4	3,639.30	3/4	3,832.68	3/4	4,026.07	3/4	4,219.29	3/4	4,411.29	3/4		3/4		3/4		3/4		3/4	
5	3,643.33	5	3,836.71	5	4,030.10	5	4,223.29	5	4,415.29	5		5		5		5		5	
1/4	3,647.36	1/4	3,840.74	1/4	4,034.12	1/4	4,227.29	1/4	4,419.08	1/4		1/4		1/4		1/4		1/4	
1/2	3,651.39	1/2	3,844.77	1/2	4,038.15	1/2	4,231.29	1/2	4,422.87	1/2		1/2		1/2		1/2		1/2	
3/4	3,655.42	3/4	3,848.80	3/4	4,042.18	3/4	4,235.29	3/4	4,426.66	3/4		3/4		3/4		3/4		3/4	
6	3,659.45	6	3,852.83	6	4,046.21	6	4,239.29	6	4,430.45	6		6		6		6		6	
1/4	3,663.48	1/4	3,856.86	1/4	4,050.24	1/4	4,243.29	1/4	4,433.60	1/4		1/4		1/4		1/4		1/4	
1/2	3,667.51	1/2	3,860.89	1/2	4,054.27	1/2	4,247.29	1/2	4,436.74	1/2		1/2		1/2		1/2		1/2	
3/4	3,671.54	3/4	3,864.92	3/4	4,058.30	3/4	4,251.29	3/4	4,439.88	3/4		3/4		3/4		3/4		3/4	
7	3,675.57	7	3,868.95	7	4,062.33	7	4,255.29	7	4,443.02	7		7		7		7		7	
1/4	3,679.60	1/4	3,872.98	1/4	4,066.36	1/4	4,259.29	1/4	4,445.49	1/4		1/4		1/4		1/4		1/4	
1/2	3,683.62	1/2	3,877.01	1/2	4,070.39	1/2	4,263.29	1/2	4,447.95	1/2		1/2		1/2		1/2		1/2	
3/4	3,687.64	3/4	3,881.04	3/4	4,074.42	3/4	4,267.29	3/4	4,450.42	3/4		3/4		3/4		3/4		3/4	
8	3,691.67	8	3,885.07	8	4,078.45	8	4,271.29	8	4,452.88	8		8		8		8		8	
1/4	3,695.70	1/4	3,889.10	1/4	4,082.48	1/4	4,275.29	1/4	4,454.68	1/4		1/4		1/4		1/4		1/4	
1/2	3,699.73	1/2	3,893.13	1/2	4,086.51	1/2	4,279.29	1/2	4,456.48	1/2		1/2		1/2		1/2		1/2	
3/4	3,703.76	3/4	3,897.16	3/4	4,090.54	3/4	4,283.29	3/4	4,458.27	3/4		3/4		3/4		3/4		3/4	
9	3,707.79	9	3,901.19	9	4,094.57	9	4,287.29	9	4,460.07	9		9		9		9		9	
1/4	3,711.82	1/4	3,905.22	1/4	4,098.60	1/4	4,291.29	1/4	4,461.22	1/4		1/4		1/4		1/4		1/4	
1/2	3,715.85	1/2	3,909.24	1/2	4,102.63	1/2	4,295.29	1/2	4,462.37	1/2		1/2		1/2		1/2		1/2	
3/4	3,719.88	3/4	3,913.26	3/4	4,106.66	3/4	4,299.29	3/4	4,463.52	3/4		3/4		3/4		3/4		3/4	
10	3,723.91	10	3,917.29	10	4,110.69	10	4,303.29	10	4,464.67	10		10		10		10		10	
1/4	3,727.93	1/4	3,921.32	1/4	4,114.72	1/4	4,307.28	1/4	4,465.14	1/4		1/4		1/4		1/4		1/4	
1/2	3,731.96	1/2	3,925.35	1/2	4,118.75	1/2	4,311.27	1/2	4,465.62	1/2		1/2		1/2		1/2		1/2	
3/4	3,735.99	3/4	3,929.37	3/4	4,122.78	3/4	4,315.27	3/4	4,466.10	3/4		3/4		3/4		3/4		3/4	
11	3,740.02	11	3,933.40	11	4,126.81	11	4,319.26	11	4,466.57	11		11		11		11		11	
1/4	3,744.05	1/4	3,937.43	1/4	4,130.83	1/4	4,323.26	1/4	4,466.64	1/4		1/4		1/4		1/4		1/4	
1/2	3,748.08	1/2	3,941.46	1/2	4,134.86	1/2	4,327.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,752.11	3/4	3,945.49	3/4	4,138.88	3/4	4,331.26	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 01/19/2012 JLF
DECK MEASUREMENTS: 2/17/2017 CL SW
REPRINTED: 02/20/2017 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2017

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "NGL 3003"

FUEL TANK

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	107	0	272	0	433	0		0		0		0		0		0	
1/4	1	1/4	110	1/4	275	1/4	436	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1	1/2	113	1/2	279	1/2	439	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2	3/4	116	3/4	282	3/4	441	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3	1	119	1	286	1	444	1	1	1	1	1	1	1	1	1	1	1	1
1/4	4	1/4	123	1/4	289	1/4	447	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	5	1/2	126	1/2	293	1/2	450	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	7	3/4	129	3/4	296	3/4	453	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	8	2	132	2	300	2	456	2	2	2	2	2	2	2	2	2	2	2	2
1/4	9	1/4	136	1/4	304	1/4	458	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	11	1/2	139	1/2	307	1/2	461	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	13	3/4	142	3/4	311	3/4	464	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	14	3	146	3	314	3	466	3	3	3	3	3	3	3	3	3	3	3	3
1/4	16	1/4	149	1/4	318	1/4	469	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	18	1/2	152	1/2	321	1/2	471	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	20	3/4	156	3/4	325	3/4	474	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	22	4	159	4	328	4	476	4	4	4	4	4	4	4	4	4	4	4	4
1/4	24	1/4	163	1/4	332	1/4	479	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	26	1/2	166	1/2	335	1/2	481	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	28	3/4	169	3/4	339	3/4	483	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	30	5	173	5	342	5	486	5	5	5	5	5	5	5	5	5	5	5	5
1/4	33	1/4	176	1/4	345	1/4	488	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	35	1/2	180	1/2	349	1/2	490	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	37	3/4	183	3/4	352	3/4	492	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	39	6	187	6	356	6	494	6	6	6	6	6	6	6	6	6	6	6	6
1/4	42	1/4	190	1/4	359	1/4	496	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	44	1/2	194	1/2	362	1/2	498	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	47	3/4	197	3/4	366	3/4	500	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	49	7	201	7	369	7	502	7	7	7	7	7	7	7	7	7	7	7	7
1/4	52	1/4	204	1/4	373	1/4	504	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55	1/2	208	1/2	376	1/2	506	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	57	3/4	211	3/4	379	3/4	507	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	60	8	215	8	383	8	509	8	8	8	8	8	8	8	8	8	8	8	8
1/4	63	1/4	218	1/4	386	1/4	510	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65	1/2	222	1/2	389	1/2	512	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68	3/4	225	3/4	392	3/4	513	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	71	9	229	9	396	9	514	9	9	9	9	9	9	9	9	9	9	9	9
1/4	74	1/4	232	1/4	399	1/4	515	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77	1/2	236	1/2	402	1/2	516	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80	3/4	239	3/4	405	3/4	517	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	82	10	243	10	408	10	518	10	10	10	10	10	10	10	10	10	10	10	10
1/4	85	1/4	247	1/4	411	1/4	518	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	88	1/2	250	1/2	415	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	91	3/4	254	3/4	418	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	94	11	257	11	421	11		11	11	11	11	11	11	11	11	11	11	11	11
1/4	97	1/4	261	1/4	424	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	101	1/2	264	1/2	427	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	104	3/4	268	3/4	430	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE IS SCALED FROM THE BOTTOM OF TANK

STRAPPED: 03/01/2017 SW
 CALCULATED: 03/02/2017 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 03/2017

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "NGL 3003"

SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	569	0	1,138	0	1,707	0	2,276	0		0		0		0		0	
1/4	12	1/4	581	1/4	1,150	1/4	1,718	1/4	2,287	1/4		1/4		1/4		1/4		1/4	
1/2	24	1/2	593	1/2	1,161	1/2	1,730	1/2	2,299	1/2		1/2		1/2		1/2		1/2	
3/4	36	3/4	604	3/4	1,173	3/4	1,742	3/4	2,311	3/4		3/4		3/4		3/4		3/4	
1	47	1	616	1	1,185	1	1,754	1	2,323	1		1		1		1		1	
1/4	59	1/4	628	1/4	1,197	1/4	1,766	1/4	2,335	1/4		1/4		1/4		1/4		1/4	
1/2	71	1/2	640	1/2	1,209	1/2	1,778	1/2	2,347	1/2		1/2		1/2		1/2		1/2	
3/4	83	3/4	652	3/4	1,221	3/4	1,790	3/4	2,358	3/4		3/4		3/4		3/4		3/4	
2	95	2	664	2	1,233	2	1,801	2	2,370	2		2		2		2		2	
1/4	107	1/4	676	1/4	1,244	1/4	1,813	1/4	2,382	1/4		1/4		1/4		1/4		1/4	
1/2	119	1/2	687	1/2	1,256	1/2	1,825	1/2	2,394	1/2		1/2		1/2		1/2		1/2	
3/4	130	3/4	699	3/4	1,268	3/4	1,837	3/4	2,406	3/4		3/4		3/4		3/4		3/4	
3	142	3	711	3	1,280	3	1,849	3	2,418	3		3		3		3		3	
1/4	154	1/4	723	1/4	1,292	1/4	1,861	1/4	2,430	1/4		1/4		1/4		1/4		1/4	
1/2	166	1/2	735	1/2	1,304	1/2	1,873	1/2	2,441	1/2		1/2		1/2		1/2		1/2	
3/4	178	3/4	747	3/4	1,316	3/4	1,884	3/4	2,453	3/4		3/4		3/4		3/4		3/4	
4	190	4	759	4	1,327	4	1,896	4	2,465	4		4		4		4		4	
1/4	201	1/4	770	1/4	1,339	1/4	1,908	1/4	2,477	1/4		1/4		1/4		1/4		1/4	
1/2	213	1/2	782	1/2	1,351	1/2	1,920	1/2	2,489	1/2		1/2		1/2		1/2		1/2	
3/4	225	3/4	794	3/4	1,363	3/4	1,932	3/4	2,501	3/4		3/4		3/4		3/4		3/4	
5	237	5	806	5	1,375	5	1,944	5	2,513	5		5		5		5		5	
1/4	249	1/4	818	1/4	1,387	1/4	1,956	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	261	1/2	830	1/2	1,399	1/2	1,967	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	273	3/4	841	3/4	1,410	3/4	1,979	3/4		3/4		3/4		3/4		3/4		3/4	
6	284	6	853	6	1,422	6	1,991	6		6		6		6		6		6	
1/4	296	1/4	865	1/4	1,434	1/4	2,003	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	308	1/2	877	1/2	1,446	1/2	2,015	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	320	3/4	889	3/4	1,458	3/4	2,027	3/4		3/4		3/4		3/4		3/4		3/4	
7	332	7	901	7	1,470	7	2,038	7		7		7		7		7		7	
1/4	344	1/4	913	1/4	1,481	1/4	2,050	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	356	1/2	924	1/2	1,493	1/2	2,062	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	367	3/4	936	3/4	1,505	3/4	2,074	3/4		3/4		3/4		3/4		3/4		3/4	
8	379	8	948	8	1,517	8	2,086	8		8		8		8		8		8	
1/4	391	1/4	960	1/4	1,529	1/4	2,098	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	403	1/2	972	1/2	1,541	1/2	2,110	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	415	3/4	984	3/4	1,553	3/4	2,121	3/4		3/4		3/4		3/4		3/4		3/4	
9	427	9	996	9	1,564	9	2,133	9		9		9		9		9		9	
1/4	439	1/4	1,007	1/4	1,576	1/4	2,145	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	450	1/2	1,019	1/2	1,588	1/2	2,157	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	462	3/4	1,031	3/4	1,600	3/4	2,169	3/4		3/4		3/4		3/4		3/4		3/4	
10	474	10	1,043	10	1,612	10	2,181	10		10		10		10		10		10	
1/4	486	1/4	1,055	1/4	1,624	1/4	2,193	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	498	1/2	1,067	1/2	1,636	1/2	2,204	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	510	3/4	1,079	3/4	1,647	3/4	2,216	3/4		3/4		3/4		3/4		3/4		3/4	
11	521	11	1,090	11	1,659	11	2,228	11		11		11		11		11		11	
1/4	533	1/4	1,102	1/4	1,671	1/4	2,240	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	545	1/2	1,114	1/2	1,683	1/2	2,252	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	557	3/4	1,126	3/4	1,695	3/4	2,264	3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES

STRAPPED: 02/17/2017 CL SW
CALCULATED: 02/17/2017 CL
PRINTED: 02/20/2017 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2017

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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