



BARGE "NGL 3010"

ULLAGE TRIM TABLE

	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	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8
1 STBD	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8
2 PORT	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4
2 STBD	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4
3 PORT	- 00-0/8	00-0/8	- 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
3 STBD	- 00-0/8	00-0/8	- 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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 6'-00"
 DIFF. = 4'-00" (DOWN BY STERN)

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

July 22, 2014

**PRECISION MEASUREMENT
 & ANALYSIS, INC.**
 P.O. Box 2092
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BARGE "NGL 3010"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0	5,197.95	0	4,894.24	0	4,527.71	0	4,161.18	0	3,794.65	0	3,428.12	0	3,061.60	0	2,695.07	0	2,328.54		
1/4	1/4	1/4	5,195.69	1/4	4,886.60	1/4	4,520.07	1/4	4,153.54	1/4	3,787.01	1/4	3,420.48	1/4	3,053.96	1/4	2,687.43	1/4	2,320.90		
1/2	1/2	1/2	5,193.44	1/2	4,878.97	1/2	4,512.43	1/2	4,145.91	1/2	3,779.38	1/2	3,412.85	1/2	3,046.32	1/2	2,679.79	1/2	2,313.27		
3/4	3/4	3/4	5,191.18	3/4	4,871.33	3/4	4,504.80	3/4	4,138.27	3/4	3,771.74	3/4	3,405.21	3/4	3,038.69	3/4	2,672.16	3/4	2,305.63		
1		1	5,188.92	1	4,863.69	1	4,497.16	1	4,130.64	1	3,764.11	1	3,397.58	1	3,031.05	1	2,664.52	1	2,298.00		
1/4	1/4	1/4	5,185.53	1/4	4,856.06	1/4	4,489.53	1/4	4,123.00	1/4	3,756.47	1/4	3,389.94	1/4	3,023.41	1/4	2,656.88	1/4	2,290.36		
1/2	1/2	1/2	5,182.14	1/2	4,848.42	1/2	4,481.89	1/2	4,115.36	1/2	3,748.83	1/2	3,382.31	1/2	3,015.78	1/2	2,649.25	1/2	2,282.72		
3/4	3/4	3/4	5,178.74	3/4	4,840.79	3/4	4,474.25	3/4	4,107.73	3/4	3,741.20	3/4	3,374.67	3/4	3,008.14	3/4	2,641.61	3/4	2,275.09		
2		2	5,175.35	2	4,833.15	2	4,466.62	2	4,100.09	2	3,733.56	2	3,367.04	2	3,000.51	2	2,633.98	2	2,267.45		
1/4	1/4	1/4	5,170.83	1/4	4,825.51	1/4	4,458.98	1/4	4,092.45	1/4	3,725.92	1/4	3,359.40	1/4	2,992.87	1/4	2,626.34	1/4	2,259.81		
1/2	1/2	1/2	5,166.31	1/2	4,817.88	1/2	4,451.35	1/2	4,084.82	1/2	3,718.29	1/2	3,351.76	1/2	2,985.23	1/2	2,618.71	1/2	2,252.18		
3/4	3/4	3/4	5,161.78	3/4	4,810.24	3/4	4,443.71	3/4	4,077.18	3/4	3,710.65	3/4	3,344.13	3/4	2,977.60	3/4	2,611.07	3/4	2,244.54		
3		3	5,157.26	3	4,802.60	3	4,436.08	3	4,069.55	3	3,703.02	3	3,336.49	3	2,969.96	3	2,603.44	3	2,236.91		
1/4	1/4	1/4	5,151.60	1/4	4,794.97	1/4	4,428.44	1/4	4,061.91	1/4	3,695.38	1/4	3,328.85	1/4	2,962.32	1/4	2,595.80	1/4	2,229.27		
1/2	1/2	1/2	5,145.95	1/2	4,787.33	1/2	4,420.80	1/2	4,054.27	1/2	3,687.75	1/2	3,321.22	1/2	2,954.69	1/2	2,588.16	1/2	2,221.63		
3/4	3/4	3/4	5,140.29	3/4	4,779.70	3/4	4,413.17	3/4	4,046.64	3/4	3,680.11	3/4	3,313.58	3/4	2,947.05	3/4	2,580.53	3/4	2,214.00		
4		4	5,134.63	4	4,772.06	4	4,405.53	4	4,039.00	4	3,672.48	4	3,305.95	4	2,939.42	4	2,572.89	4	2,206.36		
1/4	1/4	1/4	5,127.84	1/4	4,764.43	1/4	4,397.89	1/4	4,031.36	1/4	3,664.84	1/4	3,298.31	1/4	2,931.78	1/4	2,565.25	1/4	2,198.72		
1/2	1/2	1/2	5,121.06	1/2	4,756.79	1/2	4,390.26	1/2	4,023.73	1/2	3,657.20	1/2	3,290.67	1/2	2,924.15	1/2	2,557.62	1/2	2,191.09		
3/4	3/4	3/4	5,114.27	3/4	4,749.16	3/4	4,382.62	3/4	4,016.09	3/4	3,649.57	3/4	3,283.04	3/4	2,916.51	3/4	2,549.98	3/4	2,183.45		
5		5	5,107.48	5	4,741.52	5	4,374.99	5	4,008.46	5	3,641.93	5	3,275.40	5	2,908.88	5	2,542.35	5	2,175.82		
1/4	1/4	1/4	5,099.99	1/4	4,733.88	1/4	4,367.35	1/4	4,000.82	1/4	3,634.29	1/4	3,267.76	1/4	2,901.24	1/4	2,534.71	1/4	2,168.18		
1/2	1/2	1/2	5,092.49	1/2	4,726.25	1/2	4,359.71	1/2	3,993.19	1/2	3,626.66	1/2	3,260.13	1/2	2,893.60	1/2	2,527.07	1/2	2,160.55		
3/4	3/4	3/4	5,085.00	3/4	4,718.61	3/4	4,352.08	3/4	3,985.55	3/4	3,619.02	3/4	3,252.49	3/4	2,885.97	3/4	2,519.44	3/4	2,152.91		
6		6	5,077.50	6	4,710.97	6	4,344.44	6	3,977.92	6	3,611.39	6	3,244.86	6	2,878.33	6	2,511.80	6	2,145.28		
1/4	1/4	1/4	5,069.87	1/4	4,703.34	1/4	4,336.80	1/4	3,970.28	1/4	3,603.75	1/4	3,237.22	1/4	2,870.69	1/4	2,504.16	1/4	2,137.64		
1/2	1/2	1/2	5,062.23	1/2	4,695.70	1/2	4,329.17	1/2	3,962.64	1/2	3,596.11	1/2	3,229.59	1/2	2,863.06	1/2	2,496.53	1/2	2,130.00		
3/4	3/4	3/4	5,054.60	3/4	4,688.07	3/4	4,321.53	3/4	3,955.01	3/4	3,588.48	3/4	3,221.95	3/4	2,855.42	3/4	2,488.89	3/4	2,122.37		
7		7	5,046.96	7	4,680.43	7	4,313.90	7	3,947.37	7	3,580.84	7	3,214.32	7	2,847.79	7	2,481.26	7	2,114.73		
1/4	1/4	1/4	5,039.32	1/4	4,672.79	1/4	4,306.26	1/4	3,939.73	1/4	3,573.20	1/4	3,206.68	1/4	2,840.15	1/4	2,473.62	1/4	2,107.09		
1/2	1/2	1/2	5,031.69	1/2	4,665.16	1/2	4,298.63	1/2	3,932.10	1/2	3,565.57	1/2	3,199.04	1/2	2,832.51	1/2	2,465.99	1/2	2,099.46		
3/4	3/4	3/4	5,024.05	3/4	4,657.52	3/4	4,290.99	3/4	3,924.46	3/4	3,557.93	3/4	3,191.41	3/4	2,824.88	3/4	2,458.35	3/4	2,091.82		
8		8	5,016.41	8	4,649.88	8	4,283.36	8	3,916.83	8	3,550.30	8	3,183.77	8	2,817.24	8	2,450.72	8	2,084.19		
1/4	1/4	1/4	5,008.78	1/4	4,642.25	1/4	4,275.72	1/4	3,909.19	1/4	3,542.66	1/4	3,176.13	1/4	2,809.60	1/4	2,443.08	1/4	2,076.55		
1/2	1/2	1/2	5,001.14	1/2	4,634.61	1/2	4,268.08	1/2	3,901.55	1/2	3,535.03	1/2	3,168.50	1/2	2,801.97	1/2	2,435.44	1/2	2,068.91		
3/4	3/4	3/4	4,993.51	3/4	4,626.98	3/4	4,260.45	3/4	3,893.92	3/4	3,527.39	3/4	3,160.86	3/4	2,794.33	3/4	2,427.81	3/4	2,061.28		
9		9	4,985.87	9	4,619.34	9	4,252.81	9	3,886.28	9	3,519.76	9	3,153.23	9	2,786.70	9	2,420.17	9	2,053.64		
1/4	1/4	1/4	4,978.23	1/4	4,611.71	1/4	4,245.17	1/4	3,878.64	1/4	3,512.12	1/4	3,145.59	1/4	2,779.06	1/4	2,412.53	1/4	2,046.00		
1/2	1/2	1/2	4,970.60	1/2	4,604.07	1/2	4,237.54	1/2	3,871.01	1/2	3,504.48	1/2	3,137.95	1/2	2,771.43	1/2	2,404.90	1/2	2,038.37		
3/4	3/4	3/4	4,962.96	3/4	4,596.43	3/4	4,229.90	3/4	3,863.37	3/4	3,496.85	3/4	3,130.32	3/4	2,763.79	3/4	2,397.26	3/4	2,030.73		
10		10	4,955.32	10	4,588.80	10	4,222.27	10	3,855.74	10	3,489.21	10	3,122.68	10	2,756.16	10	2,389.63	10	2,023.10		
1/4	1/4	1/4	4,947.69	1/4	4,581.16	1/4	4,214.63	1/4	3,848.10	1/4	3,481.57	1/4	3,115.04	1/4	2,748.52	1/4	2,381.99	1/4	2,015.46		
1/2	5,203.45	1/2	4,940.05	1/2	4,573.53	1/2	4,206.99	1/2	3,840.47	1/2	3,473.94	1/2	3,107.41	1/2	2,740.88	1/2	2,374.35	1/2	2,007.83		
3/4	5,203.03	3/4	4,932.42	3/4	4,565.89	3/4	4,199.36	3/4	3,832.83	3/4	3,466.30	3/4	3,099.77	3/4	2,733.25	3/4	2,366.72	3/4	2,000.19		
11	5,202.61	11	4,924.78	11	4,558.25	11	4,191.72	11	3,825.20	11	3,458.67	11	3,092.14	11	2,725.61	11	2,359.08	11	1,992.56		
1/4	5,201.45	1/4	4,917.15	1/4	4,550.62	1/4	4,184.08	1/4	3,817.56	1/4	3,451.03	1/4	3,084.50	1/4	2,717.97	1/4	2,351.44	1/4	1,984.92		
1/2	5,200.28	1/2	4,909.51	1/2	4,542.98	1/2	4,176.45	1/2	3,809.92	1/2	3,443.39	1/2	3,076.87	1/2	2,710.34	1/2	2,343.81	1/2	1,977.28		
3/4	5,199.12	3/4	4,901.88	3/4	4,535.34	3/4	4,168.81	3/4	3,802.29	3/4	3,435.76	3/4	3,069.23	3/4	2,702.70	3/4	2,336.17	3/4	1,969.65		

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 ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "NGL 3010"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05"

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	1,962.01	0	1,595.48	0	1,228.96	0	862.43	0	496.09	0	149.74	0		0		0		0	
1/4	1,954.37	1/4	1,587.84	1/4	1,221.32	1/4	854.79	1/4	488.52	1/4	142.91	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,946.74	1/2	1,580.21	1/2	1,213.68	1/2	847.15	1/2	480.94	1/2	136.09	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,939.10	3/4	1,572.57	3/4	1,206.05	3/4	839.52	3/4	473.37	3/4	129.26	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,931.47	1	1,564.94	1	1,198.41	1	831.88	1	465.80	1	122.44	1	1	1	1	1	1	1	1
1/4	1,923.83	1/4	1,557.30	1/4	1,190.77	1/4	824.24	1/4	458.32	1/4	115.70	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,916.19	1/2	1,549.67	1/2	1,183.14	1/2	816.61	1/2	450.84	1/2	108.97	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,908.56	3/4	1,542.03	3/4	1,175.50	3/4	808.97	3/4	443.37	3/4	102.23	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,900.92	2	1,534.40	2	1,167.87	2	801.34	2	435.89	2	95.50	2	2	2	2	2	2	2	2
1/4	1,893.28	1/4	1,526.76	1/4	1,160.23	1/4	793.70	1/4	428.44	1/4	88.80	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,885.65	1/2	1,519.12	1/2	1,152.59	1/2	786.07	1/2	420.99	1/2	82.09	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,878.01	3/4	1,511.49	3/4	1,144.96	3/4	778.43	3/4	413.55	3/4	75.39	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,870.38	3	1,503.85	3	1,137.32	3	770.80	3	406.10	3	68.69	3	3	3	3	3	3	3	3
1/4	1,862.74	1/4	1,496.21	1/4	1,129.68	1/4	763.16	1/4	398.74	1/4	62.19	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,855.11	1/2	1,488.58	1/2	1,122.05	1/2	755.52	1/2	391.39	1/2	55.69	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,847.47	3/4	1,480.94	3/4	1,114.41	3/4	747.89	3/4	384.03	3/4	49.19	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,839.84	4	1,473.31	4	1,106.78	4	740.25	4	376.68	4	42.69	4	4	4	4	4	4	4	4
1/4	1,832.20	1/4	1,465.67	1/4	1,099.14	1/4	732.61	1/4	369.35	1/4	37.51	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,824.56	1/2	1,458.03	1/2	1,091.51	1/2	724.98	1/2	362.03	1/2	32.34	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,816.93	3/4	1,450.40	3/4	1,083.87	3/4	717.34	3/4	354.70	3/4	27.16	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,809.29	5	1,442.76	5	1,076.24	5	709.71	5	347.38	5	21.99	5	5	5	5	5	5	5	5
1/4	1,801.65	1/4	1,435.12	1/4	1,068.60	1/4	702.07	1/4	340.15	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,794.02	1/2	1,427.49	1/2	1,060.96	1/2	694.43	1/2	332.91	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,786.38	3/4	1,419.85	3/4	1,053.33	3/4	686.80	3/4	325.68	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,778.75	6	1,412.22	6	1,045.69	6	679.16	6	318.45	6	6	6	6	6	6	6	6	6	6
1/4	1,771.11	1/4	1,404.58	1/4	1,038.05	1/4	671.52	1/4	311.25	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,763.47	1/2	1,396.95	1/2	1,030.42	1/2	663.89	1/2	304.05	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,755.84	3/4	1,389.31	3/4	1,022.78	3/4	656.25	3/4	296.85	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,748.20	7	1,381.68	7	1,015.15	7	648.62	7	289.65	7	7	7	7	7	7	7	7	7	7
1/4	1,740.56	1/4	1,374.04	1/4	1,007.51	1/4	640.98	1/4	282.54	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,732.93	1/2	1,366.40	1/2	999.87	1/2	633.35	1/2	275.43	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,725.29	3/4	1,358.77	3/4	992.24	3/4	625.71	3/4	268.33	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,717.66	8	1,351.13	8	984.60	8	618.08	8	261.22	8	8	8	8	8	8	8	8	8	8
1/4	1,710.02	1/4	1,343.49	1/4	976.96	1/4	610.44	1/4	254.14	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,702.39	1/2	1,335.86	1/2	969.33	1/2	602.80	1/2	247.07	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,694.75	3/4	1,328.22	3/4	961.69	3/4	595.17	3/4	239.99	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,687.12	9	1,320.59	9	954.06	9	587.53	9	232.92	9	9	9	9	9	9	9	9	9	9
1/4	1,679.48	1/4	1,312.95	1/4	946.42	1/4	579.89	1/4	225.93	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,671.84	1/2	1,305.31	1/2	938.79	1/2	572.26	1/2	218.95	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,664.21	3/4	1,297.68	3/4	931.15	3/4	564.62	3/4	211.96	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,656.57	10	1,290.04	10	923.52	10	556.99	10	204.98	10	10	10	10	10	10	10	10	10	10
1/4	1,648.93	1/4	1,282.40	1/4	915.88	1/4	549.35	1/4	198.03	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,641.30	1/2	1,274.77	1/2	908.24	1/2	541.71	1/2	191.08	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,633.66	3/4	1,267.13	3/4	900.61	3/4	534.08	3/4	184.13	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,626.03	11	1,259.50	11	892.97	11	526.44	11	177.18	11	11	11	11	11	11	11	11	11	11
1/4	1,618.39	1/4	1,251.86	1/4	885.33	1/4	518.85	1/4	170.32	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,610.75	1/2	1,244.23	1/2	877.70	1/2	511.26	1/2	163.46	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,603.12	3/4	1,236.59	3/4	870.06	3/4	503.68	3/4	156.60	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.

STRAPPED: 06/11/1999 CB
DECK MEASUREMENTS: 07/21/2014 SW
REPRINTED: 07/22/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

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



BARGE "NGL 3010"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0	0	5,193.44	0	4,878.97	0	4,512.43	0	4,145.91	0	3,779.38	0	3,412.85	0	3,046.32	0	2,679.79	0	2,313.27	
1/4	1/4	5,191.18	1/4	4,871.33	1/4	4,504.80	1/4	4,138.27	1/4	3,771.74	1/4	3,405.21	1/4	3,038.69	1/4	2,672.16	1/4	2,305.63	
1/2	1/2	5,188.92	1/2	4,863.69	1/2	4,497.16	1/2	4,130.64	1/2	3,764.11	1/2	3,397.58	1/2	3,031.05	1/2	2,664.52	1/2	2,298.00	
3/4	3/4	5,185.53	3/4	4,856.06	3/4	4,489.53	3/4	4,123.00	3/4	3,756.47	3/4	3,389.94	3/4	3,023.41	3/4	2,656.88	3/4	2,290.36	
1	1	5,182.14	1	4,848.42	1	4,481.89	1	4,115.36	1	3,748.83	1	3,382.31	1	3,015.78	1	2,649.25	1	2,282.72	
1/4	1/4	5,178.74	1/4	4,840.79	1/4	4,474.25	1/4	4,107.73	1/4	3,741.20	1/4	3,374.67	1/4	3,008.14	1/4	2,641.61	1/4	2,275.09	
1/2	1/2	5,175.35	1/2	4,833.15	1/2	4,466.62	1/2	4,100.09	1/2	3,733.56	1/2	3,367.04	1/2	3,000.51	1/2	2,633.98	1/2	2,267.45	
3/4	3/4	5,170.83	3/4	4,825.51	3/4	4,458.98	3/4	4,092.45	3/4	3,725.92	3/4	3,359.40	3/4	2,992.87	3/4	2,626.34	3/4	2,259.81	
2	2	5,166.31	2	4,817.88	2	4,451.35	2	4,084.82	2	3,718.29	2	3,351.76	2	2,985.23	2	2,618.71	2	2,252.18	
1/4	1/4	5,161.78	1/4	4,810.24	1/4	4,443.71	1/4	4,077.18	1/4	3,710.65	1/4	3,344.13	1/4	2,977.60	1/4	2,611.07	1/4	2,244.54	
1/2	1/2	5,157.26	1/2	4,802.60	1/2	4,436.08	1/2	4,069.55	1/2	3,703.02	1/2	3,336.49	1/2	2,969.96	1/2	2,603.44	1/2	2,236.91	
3/4	3/4	5,151.60	3/4	4,794.97	3/4	4,428.44	3/4	4,061.91	3/4	3,695.38	3/4	3,328.85	3/4	2,962.32	3/4	2,595.80	3/4	2,229.27	
3	3	5,145.95	3	4,787.33	3	4,420.80	3	4,054.27	3	3,687.75	3	3,321.22	3	2,954.69	3	2,588.16	3	2,221.63	
1/4	1/4	5,140.29	1/4	4,779.70	1/4	4,413.17	1/4	4,046.64	1/4	3,680.11	1/4	3,313.58	1/4	2,947.05	1/4	2,580.53	1/4	2,214.00	
1/2	1/2	5,134.63	1/2	4,772.06	1/2	4,405.53	1/2	4,039.00	1/2	3,672.48	1/2	3,305.95	1/2	2,939.42	1/2	2,572.89	1/2	2,206.36	
3/4	3/4	5,127.84	3/4	4,764.43	3/4	4,397.89	3/4	4,031.36	3/4	3,664.84	3/4	3,298.31	3/4	2,931.78	3/4	2,565.25	3/4	2,198.72	
4	4	5,121.06	4	4,756.79	4	4,390.26	4	4,023.73	4	3,657.20	4	3,290.67	4	2,924.15	4	2,557.62	4	2,191.09	
1/4	1/4	5,114.27	1/4	4,749.16	1/4	4,382.62	1/4	4,016.09	1/4	3,649.57	1/4	3,283.04	1/4	2,916.51	1/4	2,549.98	1/4	2,183.45	
1/2	1/2	5,107.48	1/2	4,741.52	1/2	4,374.99	1/2	4,008.46	1/2	3,641.93	1/2	3,275.40	1/2	2,908.88	1/2	2,542.35	1/2	2,175.82	
3/4	3/4	5,099.99	3/4	4,733.88	3/4	4,367.35	3/4	4,000.82	3/4	3,634.29	3/4	3,267.76	3/4	2,901.24	3/4	2,534.71	3/4	2,168.18	
5	5	5,092.49	5	4,726.25	5	4,359.71	5	3,993.19	5	3,626.66	5	3,260.13	5	2,893.60	5	2,527.07	5	2,160.55	
1/4	1/4	5,085.00	1/4	4,718.61	1/4	4,352.08	1/4	3,985.55	1/4	3,619.02	1/4	3,252.49	1/4	2,885.97	1/4	2,519.44	1/4	2,152.91	
1/2	1/2	5,077.50	1/2	4,710.97	1/2	4,344.44	1/2	3,977.92	1/2	3,611.39	1/2	3,244.86	1/2	2,878.33	1/2	2,511.80	1/2	2,145.28	
3/4	3/4	5,069.87	3/4	4,703.34	3/4	4,336.80	3/4	3,970.28	3/4	3,603.75	3/4	3,237.22	3/4	2,870.69	3/4	2,504.16	3/4	2,137.64	
6	6	5,062.23	6	4,695.70	6	4,329.17	6	3,962.64	6	3,596.11	6	3,229.59	6	2,863.06	6	2,496.53	6	2,130.00	
1/4	1/4	5,054.60	1/4	4,688.07	1/4	4,321.53	1/4	3,955.01	1/4	3,588.48	1/4	3,221.95	1/4	2,855.42	1/4	2,488.89	1/4	2,122.37	
1/2	1/2	5,046.96	1/2	4,680.43	1/2	4,313.90	1/2	3,947.37	1/2	3,580.84	1/2	3,214.32	1/2	2,847.79	1/2	2,481.26	1/2	2,114.73	
3/4	3/4	5,039.32	3/4	4,672.79	3/4	4,306.26	3/4	3,939.73	3/4	3,573.20	3/4	3,206.68	3/4	2,840.15	3/4	2,473.62	3/4	2,107.09	
7	7	5,031.69	7	4,665.16	7	4,298.63	7	3,932.10	7	3,565.57	7	3,199.04	7	2,832.51	7	2,465.99	7	2,099.46	
1/4	1/4	5,024.05	1/4	4,657.52	1/4	4,290.99	1/4	3,924.46	1/4	3,557.93	1/4	3,191.41	1/4	2,824.88	1/4	2,458.35	1/4	2,091.82	
1/2	1/2	5,016.41	1/2	4,649.88	1/2	4,283.36	1/2	3,916.83	1/2	3,550.30	1/2	3,183.77	1/2	2,817.24	1/2	2,450.72	1/2	2,084.19	
3/4	3/4	5,008.78	3/4	4,642.25	3/4	4,275.72	3/4	3,909.19	3/4	3,542.66	3/4	3,176.13	3/4	2,809.60	3/4	2,443.08	3/4	2,076.55	
8	8	5,001.14	8	4,634.61	8	4,268.08	8	3,901.55	8	3,535.03	8	3,168.50	8	2,801.97	8	2,435.44	8	2,068.91	
1/4	1/4	4,993.51	1/4	4,626.98	1/4	4,260.45	1/4	3,893.92	1/4	3,527.39	1/4	3,160.86	1/4	2,794.33	1/4	2,427.81	1/4	2,061.28	
1/2	1/2	4,985.87	1/2	4,619.34	1/2	4,252.81	1/2	3,886.28	1/2	3,519.76	1/2	3,153.23	1/2	2,786.70	1/2	2,420.17	1/2	2,053.64	
3/4	3/4	4,978.23	3/4	4,611.71	3/4	4,245.17	3/4	3,878.64	3/4	3,512.12	3/4	3,145.59	3/4	2,779.06	3/4	2,412.53	3/4	2,046.00	
9	9	4,970.60	9	4,604.07	9	4,237.54	9	3,871.01	9	3,504.48	9	3,137.95	9	2,771.43	9	2,404.90	9	2,038.37	
1/4	1/4	4,962.96	1/4	4,596.43	1/4	4,229.90	1/4	3,863.37	1/4	3,496.85	1/4	3,130.32	1/4	2,763.79	1/4	2,397.26	1/4	2,030.73	
1/2	1/2	4,955.32	1/2	4,588.80	1/2	4,222.27	1/2	3,855.74	1/2	3,489.21	1/2	3,122.68	1/2	2,756.16	1/2	2,389.63	1/2	2,023.10	
3/4	3/4	4,947.69	3/4	4,581.16	3/4	4,214.63	3/4	3,848.10	3/4	3,481.57	3/4	3,115.04	3/4	2,748.52	3/4	2,381.99	3/4	2,015.46	
10	5,203.45	4,940.05	10	4,573.53	10	4,206.99	10	3,840.47	10	3,473.94	10	3,107.41	10	2,740.88	10	2,374.35	10	2,007.83	
1/4	5,203.03	4,932.42	1/4	4,565.89	1/4	4,199.36	1/4	3,832.83	1/4	3,466.30	1/4	3,099.77	1/4	2,733.25	1/4	2,366.72	1/4	2,000.19	
1/2	5,202.61	4,924.78	1/2	4,558.25	1/2	4,191.72	1/2	3,825.20	1/2	3,458.67	1/2	3,092.14	1/2	2,725.61	1/2	2,359.08	1/2	1,992.56	
3/4	5,201.45	4,917.15	3/4	4,550.62	3/4	4,184.08	3/4	3,817.56	3/4	3,451.03	3/4	3,084.50	3/4	2,717.97	3/4	2,351.44	3/4	1,984.92	
11	5,200.28	4,909.51	11	4,542.98	11	4,176.45	11	3,809.92	11	3,443.39	11	3,076.87	11	2,710.34	11	2,343.81	11	1,977.28	
1/4	5,199.12	4,901.88	1/4	4,535.34	1/4	4,168.81	1/4	3,802.29	1/4	3,435.76	1/4	3,069.23	1/4	2,702.70	1/4	2,336.17	1/4	1,969.65	
1/2	5,197.95	4,894.24	1/2	4,527.71	1/2	4,161.18	1/2	3,794.65	1/2	3,428.12	1/2	3,061.60	1/2	2,695.07	1/2	2,328.54	1/2	1,962.01	
3/4	5,195.69	4,886.60	3/4	4,520.07	3/4	4,153.54	3/4	3,787.01	3/4	3,420.48	3/4	3,053.96	3/4	2,687.43	3/4	2,320.90	3/4	1,954.37	

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 ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "NGL 3010"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	1,946.74	0	1,580.21	0	1,213.68	0	847.15	0	480.94	0	136.09	0		0		0		0	
1/4	1,939.10	1/4	1,572.57	1/4	1,206.05	1/4	839.52	1/4	473.37	1/4	129.26	1/4		1/4		1/4		1/4	
1/2	1,931.47	1/2	1,564.94	1/2	1,198.41	1/2	831.88	1/2	465.80	1/2	122.44	1/2		1/2		1/2		1/2	
3/4	1,923.83	3/4	1,557.30	3/4	1,190.77	3/4	824.24	3/4	458.32	3/4	115.70	3/4		3/4		3/4		3/4	
1	1,916.19	1	1,549.67	1	1,183.14	1	816.61	1	450.84	1	108.97	1		1		1		1	
1/4	1,908.56	1/4	1,542.03	1/4	1,175.50	1/4	808.97	1/4	443.37	1/4	102.23	1/4		1/4		1/4		1/4	
1/2	1,900.92	1/2	1,534.40	1/2	1,167.87	1/2	801.34	1/2	435.89	1/2	95.50	1/2		1/2		1/2		1/2	
3/4	1,893.28	3/4	1,526.76	3/4	1,160.23	3/4	793.70	3/4	428.44	3/4	88.80	3/4		3/4		3/4		3/4	
2	1,885.65	2	1,519.12	2	1,152.59	2	786.07	2	420.99	2	82.09	2		2		2		2	
1/4	1,878.01	1/4	1,511.49	1/4	1,144.96	1/4	778.43	1/4	413.55	1/4	75.39	1/4		1/4		1/4		1/4	
1/2	1,870.38	1/2	1,503.85	1/2	1,137.32	1/2	770.80	1/2	406.10	1/2	68.69	1/2		1/2		1/2		1/2	
3/4	1,862.74	3/4	1,496.21	3/4	1,129.68	3/4	763.16	3/4	398.74	3/4	62.19	3/4		3/4		3/4		3/4	
3	1,855.11	3	1,488.58	3	1,122.05	3	755.52	3	391.39	3	55.69	3		3		3		3	
1/4	1,847.47	1/4	1,480.94	1/4	1,114.41	1/4	747.89	1/4	384.03	1/4	49.19	1/4		1/4		1/4		1/4	
1/2	1,839.84	1/2	1,473.31	1/2	1,106.78	1/2	740.25	1/2	376.68	1/2	42.69	1/2		1/2		1/2		1/2	
3/4	1,832.20	3/4	1,465.67	3/4	1,099.14	3/4	732.61	3/4	369.35	3/4	37.51	3/4		3/4		3/4		3/4	
4	1,824.56	4	1,458.03	4	1,091.51	4	724.98	4	362.03	4	32.34	4		4		4		4	
1/4	1,816.93	1/4	1,450.40	1/4	1,083.87	1/4	717.34	1/4	354.70	1/4	27.16	1/4		1/4		1/4		1/4	
1/2	1,809.29	1/2	1,442.76	1/2	1,076.24	1/2	709.71	1/2	347.38	1/2	21.99	1/2		1/2		1/2		1/2	
3/4	1,801.65	3/4	1,435.12	3/4	1,068.60	3/4	702.07	3/4	340.15	3/4		3/4		3/4		3/4		3/4	
5	1,794.02	5	1,427.49	5	1,060.96	5	694.43	5	332.91	5		5		5		5		5	
1/4	1,786.38	1/4	1,419.85	1/4	1,053.33	1/4	686.80	1/4	325.68	1/4		1/4		1/4		1/4		1/4	
1/2	1,778.75	1/2	1,412.22	1/2	1,045.69	1/2	679.16	1/2	318.45	1/2		1/2		1/2		1/2		1/2	
3/4	1,771.11	3/4	1,404.58	3/4	1,038.05	3/4	671.52	3/4	311.25	3/4		3/4		3/4		3/4		3/4	
6	1,763.47	6	1,396.95	6	1,030.42	6	663.89	6	304.05	6		6		6		6		6	
1/4	1,755.84	1/4	1,389.31	1/4	1,022.78	1/4	656.25	1/4	296.85	1/4		1/4		1/4		1/4		1/4	
1/2	1,748.20	1/2	1,381.68	1/2	1,015.15	1/2	648.62	1/2	289.65	1/2		1/2		1/2		1/2		1/2	
3/4	1,740.56	3/4	1,374.04	3/4	1,007.51	3/4	640.98	3/4	282.54	3/4		3/4		3/4		3/4		3/4	
7	1,732.93	7	1,366.40	7	999.87	7	633.35	7	275.43	7		7		7		7		7	
1/4	1,725.29	1/4	1,358.77	1/4	992.24	1/4	625.71	1/4	268.33	1/4		1/4		1/4		1/4		1/4	
1/2	1,717.66	1/2	1,351.13	1/2	984.60	1/2	618.08	1/2	261.22	1/2		1/2		1/2		1/2		1/2	
3/4	1,710.02	3/4	1,343.49	3/4	976.96	3/4	610.44	3/4	254.14	3/4		3/4		3/4		3/4		3/4	
8	1,702.39	8	1,335.86	8	969.33	8	602.80	8	247.07	8		8		8		8		8	
1/4	1,694.75	1/4	1,328.22	1/4	961.69	1/4	595.17	1/4	239.99	1/4		1/4		1/4		1/4		1/4	
1/2	1,687.12	1/2	1,320.59	1/2	954.06	1/2	587.53	1/2	232.92	1/2		1/2		1/2		1/2		1/2	
3/4	1,679.48	3/4	1,312.95	3/4	946.42	3/4	579.89	3/4	225.93	3/4		3/4		3/4		3/4		3/4	
9	1,671.84	9	1,305.31	9	938.79	9	572.26	9	218.95	9		9		9		9		9	
1/4	1,664.21	1/4	1,297.68	1/4	931.15	1/4	564.62	1/4	211.96	1/4		1/4		1/4		1/4		1/4	
1/2	1,656.57	1/2	1,290.04	1/2	923.52	1/2	556.99	1/2	204.98	1/2		1/2		1/2		1/2		1/2	
3/4	1,648.93	3/4	1,282.40	3/4	915.88	3/4	549.35	3/4	198.03	3/4		3/4		3/4		3/4		3/4	
10	1,641.30	10	1,274.77	10	908.24	10	541.71	10	191.08	10		10		10		10		10	
1/4	1,633.66	1/4	1,267.13	1/4	900.61	1/4	534.08	1/4	184.13	1/4		1/4		1/4		1/4		1/4	
1/2	1,626.03	1/2	1,259.50	1/2	892.97	1/2	526.44	1/2	177.18	1/2		1/2		1/2		1/2		1/2	
3/4	1,618.39	3/4	1,251.86	3/4	885.33	3/4	518.85	3/4	170.32	3/4		3/4		3/4		3/4		3/4	
11	1,610.75	11	1,244.23	11	877.70	11	511.26	11	163.46	11		11		11		11		11	
1/4	1,603.12	1/4	1,236.59	1/4	870.06	1/4	503.68	1/4	156.60	1/4		1/4		1/4		1/4		1/4	
1/2	1,595.48	1/2	1,228.96	1/2	862.43	1/2	496.09	1/2	149.74	1/2		1/2		1/2		1/2		1/2	
3/4	1,587.84	3/4	1,221.32	3/4	854.79	3/4	488.52	3/4	142.91	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/11/1999 CB
DECK MEASUREMENTS: 07/21/2014 SW
REPRINTED: 07/22/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

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



BARGE "NGL 3010"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0	4,908.36	0	4,609.48	0	4,266.12	0	3,921.96	0	3,577.80	0	3,233.64	0	2,889.48	0	2,545.32	0	2,201.16		
1/4	1/4	1/4	4,905.97	1/4	4,602.36	1/4	4,258.95	1/4	3,914.79	1/4	3,570.63	1/4	3,226.47	1/4	2,882.31	1/4	2,538.15	1/4	2,193.99		
1/2	1/2	1/2	4,903.58	1/2	4,595.24	1/2	4,251.78	1/2	3,907.62	1/2	3,563.46	1/2	3,219.30	1/2	2,875.14	1/2	2,530.98	1/2	2,186.82		
3/4	3/4	3/4	4,901.13	3/4	4,588.12	3/4	4,244.61	3/4	3,900.45	3/4	3,556.29	3/4	3,212.13	3/4	2,867.97	3/4	2,523.81	3/4	2,179.65		
1		1	4,896.68	1	4,581.00	1	4,237.44	1	3,893.28	1	3,549.12	1	3,204.96	1	2,860.80	1	2,516.64	1	2,172.48		
1/4	1/4	1/4	4,893.23	1/4	4,573.88	1/4	4,230.27	1/4	3,886.11	1/4	3,541.95	1/4	3,197.79	1/4	2,853.63	1/4	2,509.47	1/4	2,165.31		
1/2	1/2	1/2	4,889.78	1/2	4,566.76	1/2	4,223.10	1/2	3,878.94	1/2	3,534.78	1/2	3,190.62	1/2	2,846.46	1/2	2,502.30	1/2	2,158.14		
3/4	3/4	3/4	4,885.27	3/4	4,559.64	3/4	4,215.93	3/4	3,871.77	3/4	3,527.61	3/4	3,183.45	3/4	2,839.29	3/4	2,495.13	3/4	2,150.97		
2		2	4,880.76	2	4,552.52	2	4,208.76	2	3,864.60	2	3,520.44	2	3,176.28	2	2,832.12	2	2,487.96	2	2,143.80		
1/4	1/4	1/4	4,876.25	1/4	4,545.40	1/4	4,201.59	1/4	3,857.43	1/4	3,513.27	1/4	3,169.11	1/4	2,824.95	1/4	2,480.79	1/4	2,136.63		
1/2	1/2	1/2	4,871.74	1/2	4,538.28	1/2	4,194.42	1/2	3,850.26	1/2	3,506.10	1/2	3,161.94	1/2	2,817.78	1/2	2,473.62	1/2	2,129.46		
3/4	3/4	3/4	4,866.16	3/4	4,531.16	3/4	4,187.25	3/4	3,843.09	3/4	3,498.93	3/4	3,154.77	3/4	2,810.61	3/4	2,466.45	3/4	2,122.29		
3		3	4,860.59	3	4,524.04	3	4,180.08	3	3,835.92	3	3,491.76	3	3,147.60	3	2,803.44	3	2,459.28	3	2,115.12		
1/4	1/4	1/4	4,855.01	1/4	4,516.92	1/4	4,172.91	1/4	3,828.75	1/4	3,484.59	1/4	3,140.43	1/4	2,796.27	1/4	2,452.11	1/4	2,107.95		
1/2	1/2	1/2	4,849.44	1/2	4,509.80	1/2	4,165.74	1/2	3,821.58	1/2	3,477.42	1/2	3,133.26	1/2	2,789.10	1/2	2,444.94	1/2	2,100.78		
3/4	3/4	3/4	4,842.85	3/4	4,502.65	3/4	4,158.57	3/4	3,814.41	3/4	3,470.25	3/4	3,125.09	3/4	2,781.93	3/4	2,437.77	3/4	2,093.61		
4		4	4,836.26	4	4,495.51	4	4,151.40	4	3,807.24	4	3,463.08	4	3,118.92	4	2,774.76	4	2,430.60	4	2,086.44		
1/4	1/4	1/4	4,829.67	1/4	4,488.36	1/4	4,144.23	1/4	3,800.07	1/4	3,455.91	1/4	3,111.75	1/4	2,767.59	1/4	2,423.43	1/4	2,079.27		
1/2	1/2	1/2	4,823.08	1/2	4,481.22	1/2	4,137.06	1/2	3,792.90	1/2	3,448.74	1/2	3,104.58	1/2	2,760.42	1/2	2,416.26	1/2	2,072.10		
3/4	3/4	3/4	4,815.96	3/4	4,474.05	3/4	4,129.89	3/4	3,785.73	3/4	3,441.57	3/4	3,097.41	3/4	2,753.25	3/4	2,409.09	3/4	2,064.93		
5		5	4,808.84	5	4,466.88	5	4,122.72	5	3,778.56	5	3,434.40	5	3,090.24	5	2,746.08	5	2,401.92	5	2,057.76		
1/4	1/4	1/4	4,801.72	1/4	4,459.71	1/4	4,115.55	1/4	3,771.39	1/4	3,427.23	1/4	3,083.07	1/4	2,738.91	1/4	2,394.75	1/4	2,050.59		
1/2	1/2	1/2	4,794.60	1/2	4,452.54	1/2	4,108.38	1/2	3,764.22	1/2	3,420.06	1/2	3,075.90	1/2	2,731.74	1/2	2,387.58	1/2	2,043.42		
3/4	3/4	3/4	4,787.48	3/4	4,445.37	3/4	4,101.21	3/4	3,757.05	3/4	3,412.89	3/4	3,068.73	3/4	2,724.57	3/4	2,380.41	3/4	2,036.25		
6		6	4,780.36	6	4,438.20	6	4,094.04	6	3,749.88	6	3,405.72	6	3,061.56	6	2,717.40	6	2,373.24	6	2,029.08		
1/4	1/4	1/4	4,773.24	1/4	4,431.03	1/4	4,086.87	1/4	3,742.71	1/4	3,398.55	1/4	3,054.39	1/4	2,710.23	1/4	2,366.07	1/4	2,021.91		
1/2	1/2	1/2	4,766.12	1/2	4,423.86	1/2	4,079.70	1/2	3,735.54	1/2	3,391.38	1/2	3,047.22	1/2	2,703.06	1/2	2,358.90	1/2	2,014.74		
3/4	3/4	3/4	4,759.00	3/4	4,416.69	3/4	4,072.53	3/4	3,728.37	3/4	3,384.21	3/4	3,040.05	3/4	2,695.89	3/4	2,351.73	3/4	2,007.57		
7		7	4,751.88	7	4,409.52	7	4,065.36	7	3,721.20	7	3,377.04	7	3,032.88	7	2,688.72	7	2,344.56	7	2,000.40		
1/4	1/4	1/4	4,744.76	1/4	4,402.35	1/4	4,058.19	1/4	3,714.03	1/4	3,369.87	1/4	3,025.71	1/4	2,681.55	1/4	2,337.39	1/4	1,993.23		
1/2	1/2	1/2	4,737.64	1/2	4,395.18	1/2	4,051.02	1/2	3,706.86	1/2	3,362.70	1/2	3,018.54	1/2	2,674.38	1/2	2,330.22	1/2	1,986.06		
3/4	3/4	3/4	4,730.52	3/4	4,388.01	3/4	4,043.85	3/4	3,699.69	3/4	3,355.53	3/4	3,011.37	3/4	2,667.21	3/4	2,323.05	3/4	1,978.89		
8		8	4,723.40	8	4,380.84	8	4,036.68	8	3,692.52	8	3,348.36	8	3,004.20	8	2,660.04	8	2,315.88	8	1,971.72		
1/4	1/4	1/4	4,716.28	1/4	4,373.67	1/4	4,029.51	1/4	3,685.35	1/4	3,341.19	1/4	2,997.03	1/4	2,652.87	1/4	2,308.71	1/4	1,964.55		
1/2	1/2	1/2	4,709.16	1/2	4,366.50	1/2	4,022.34	1/2	3,678.18	1/2	3,334.02	1/2	2,989.86	1/2	2,645.70	1/2	2,301.54	1/2	1,957.38		
3/4	3/4	3/4	4,702.04	3/4	4,359.33	3/4	4,015.17	3/4	3,671.01	3/4	3,326.85	3/4	2,982.69	3/4	2,638.53	3/4	2,294.37	3/4	1,950.21		
9		9	4,694.92	9	4,352.16	9	4,008.00	9	3,663.84	9	3,319.68	9	2,975.52	9	2,631.36	9	2,287.20	9	1,943.04		
1/4	1/4	1/4	4,687.80	1/4	4,344.99	1/4	4,000.83	1/4	3,656.67	1/4	3,312.51	1/4	2,968.35	1/4	2,624.19	1/4	2,280.03	1/4	1,935.87		
1/2	1/2	1/2	4,680.68	1/2	4,337.82	1/2	3,993.66	1/2	3,649.50	1/2	3,305.34	1/2	2,961.18	1/2	2,617.02	1/2	2,272.86	1/2	1,928.70		
3/4	3/4	3/4	4,919.62	3/4	4,673.56	3/4	4,330.65	3/4	3,986.49	3/4	3,642.33	3/4	3,298.17	3/4	2,954.01	3/4	2,609.85	3/4	2,265.69		
10		10	4,919.22	10	4,666.44	10	4,323.48	10	3,979.32	10	3,635.16	10	3,291.00	10	2,946.84	10	2,602.68	10	2,258.52		
1/4	1/4	1/4	4,918.83	1/4	4,659.32	1/4	4,316.31	1/4	3,972.15	1/4	3,627.99	1/4	3,283.83	1/4	2,939.67	1/4	2,595.51	1/4	2,251.35		
1/2	1/2	1/2	4,918.43	1/2	4,652.20	1/2	4,309.14	1/2	3,964.98	1/2	3,620.82	1/2	3,276.66	1/2	2,932.50	1/2	2,588.34	1/2	2,244.18		
3/4	3/4	3/4	4,917.11	3/4	4,645.08	3/4	4,301.97	3/4	3,957.81	3/4	3,613.65	3/4	3,269.49	3/4	2,925.33	3/4	2,581.17	3/4	2,237.01		
11		11	4,915.78	11	4,637.96	11	4,294.80	11	3,950.64	11	3,606.48	11	3,262.32	11	2,918.16	11	2,574.00	11	2,229.84		
1/4	1/4	1/4	4,914.46	1/4	4,630.84	1/4	4,287.63	1/4	3,943.47	1/4	3,599.31	1/4	3,255.15	1/4	2,910.99	1/4	2,566.83	1/4	2,222.67		
1/2	1/2	1/2	4,913.14	1/2	4,623.72	1/2	4,280.46	1/2	3,936.30	1/2	3,592.14	1/2	3,247.98	1/2	2,903.82	1/2	2,559.66	1/2	2,215.50		
3/4	3/4	3/4	4,910.75	3/4	4,616.60	3/4	4,273.29	3/4	3,929.13	3/4	3,584.97	3/4	3,240.81	3/4	2,896.65	3/4	2,208.33	3/4	1,864.17		

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 ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 41'-06" FORWARD OF AFT BULKHEAD.

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





BARGE "NGL 3010"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	1,857.00	0	1,512.84	0	1,168.68	0	824.52	0	480.36	0	136.20	0		0		0		0	
1/4	1,849.83	1/4	1,505.67	1/4	1,161.51	1/4	817.35	1/4	473.19	1/4	129.03	1/4		1/4		1/4		1/4	
1/2	1,842.66	1/2	1,498.50	1/2	1,154.34	1/2	810.18	1/2	466.02	1/2	121.86	1/2		1/2		1/2		1/2	
3/4	1,835.49	3/4	1,491.33	3/4	1,147.17	3/4	803.01	3/4	458.85	3/4	114.69	3/4		3/4		3/4		3/4	
1	1,828.32	1	1,484.16	1	1,140.00	1	795.84	1	451.68	1	107.52	1		1		1		1	
1/4	1,821.15	1/4	1,476.99	1/4	1,132.83	1/4	788.67	1/4	444.51	1/4	100.35	1/4		1/4		1/4		1/4	
1/2	1,813.98	1/2	1,469.82	1/2	1,125.66	1/2	781.50	1/2	437.34	1/2	93.18	1/2		1/2		1/2		1/2	
3/4	1,806.81	3/4	1,462.65	3/4	1,118.49	3/4	774.33	3/4	430.17	3/4	86.01	3/4		3/4		3/4		3/4	
2	1,799.64	2	1,455.48	2	1,111.32	2	767.16	2	423.00	2	78.84	2		2		2		2	
1/4	1,792.47	1/4	1,448.31	1/4	1,104.15	1/4	759.99	1/4	415.83	1/4	71.67	1/4		1/4		1/4		1/4	
1/2	1,785.30	1/2	1,441.14	1/2	1,096.98	1/2	752.82	1/2	408.66	1/2	64.50	1/2		1/2		1/2		1/2	
3/4	1,778.13	3/4	1,433.97	3/4	1,089.81	3/4	745.65	3/4	401.49	3/4	57.59	3/4		3/4		3/4		3/4	
3	1,770.96	3	1,426.80	3	1,082.64	3	738.48	3	394.32	3	50.67	3		3		3		3	
1/4	1,763.79	1/4	1,419.63	1/4	1,075.47	1/4	731.31	1/4	387.15	1/4	43.76	1/4		1/4		1/4		1/4	
1/2	1,756.62	1/2	1,412.46	1/2	1,068.30	1/2	724.14	1/2	379.98	1/2	36.85	1/2		1/2		1/2		1/2	
3/4	1,749.45	3/4	1,405.29	3/4	1,061.13	3/4	716.97	3/4	372.81	3/4	31.73	3/4		3/4		3/4		3/4	
4	1,742.28	4	1,398.12	4	1,053.96	4	709.80	4	365.64	4	26.61	4		4		4		4	
1/4	1,735.11	1/4	1,390.95	1/4	1,046.79	1/4	702.63	1/4	358.47	1/4	21.49	1/4		1/4		1/4		1/4	
1/2	1,727.94	1/2	1,383.78	1/2	1,039.62	1/2	695.46	1/2	351.30	1/2	16.37	1/2		1/2		1/2		1/2	
3/4	1,720.77	3/4	1,376.61	3/4	1,032.45	3/4	688.29	3/4	344.13	3/4		3/4		3/4		3/4		3/4	
5	1,713.60	5	1,369.44	5	1,025.28	5	681.12	5	336.96	5		5		5		5		5	
1/4	1,706.43	1/4	1,362.27	1/4	1,018.11	1/4	673.95	1/4	329.79	1/4		1/4		1/4		1/4		1/4	
1/2	1,699.26	1/2	1,355.10	1/2	1,010.94	1/2	666.78	1/2	322.62	1/2		1/2		1/2		1/2		1/2	
3/4	1,692.09	3/4	1,347.93	3/4	1,003.77	3/4	659.61	3/4	315.45	3/4		3/4		3/4		3/4		3/4	
6	1,684.92	6	1,340.76	6	996.60	6	652.44	6	308.28	6		6		6		6		6	
1/4	1,677.75	1/4	1,333.59	1/4	989.43	1/4	645.27	1/4	301.11	1/4		1/4		1/4		1/4		1/4	
1/2	1,670.58	1/2	1,326.42	1/2	982.26	1/2	638.10	1/2	293.94	1/2		1/2		1/2		1/2		1/2	
3/4	1,663.41	3/4	1,319.25	3/4	975.09	3/4	630.93	3/4	286.77	3/4		3/4		3/4		3/4		3/4	
7	1,656.24	7	1,312.08	7	967.92	7	623.76	7	279.60	7		7		7		7		7	
1/4	1,649.07	1/4	1,304.91	1/4	960.75	1/4	616.59	1/4	272.43	1/4		1/4		1/4		1/4		1/4	
1/2	1,641.90	1/2	1,297.74	1/2	953.58	1/2	609.42	1/2	265.26	1/2		1/2		1/2		1/2		1/2	
3/4	1,634.73	3/4	1,290.57	3/4	946.41	3/4	602.25	3/4	258.09	3/4		3/4		3/4		3/4		3/4	
8	1,627.56	8	1,283.40	8	939.24	8	595.08	8	250.92	8		8		8		8		8	
1/4	1,620.39	1/4	1,276.23	1/4	932.07	1/4	587.91	1/4	243.75	1/4		1/4		1/4		1/4		1/4	
1/2	1,613.22	1/2	1,269.06	1/2	924.90	1/2	580.74	1/2	236.58	1/2		1/2		1/2		1/2		1/2	
3/4	1,606.05	3/4	1,261.89	3/4	917.73	3/4	573.57	3/4	229.41	3/4		3/4		3/4		3/4		3/4	
9	1,598.88	9	1,254.72	9	910.56	9	566.40	9	222.24	9		9		9		9		9	
1/4	1,591.71	1/4	1,247.55	1/4	903.39	1/4	559.23	1/4	215.07	1/4		1/4		1/4		1/4		1/4	
1/2	1,584.54	1/2	1,240.38	1/2	896.22	1/2	552.06	1/2	207.90	1/2		1/2		1/2		1/2		1/2	
3/4	1,577.37	3/4	1,233.21	3/4	889.05	3/4	544.89	3/4	200.73	3/4		3/4		3/4		3/4		3/4	
10	1,570.20	10	1,226.04	10	881.88	10	537.72	10	193.56	10		10		10		10		10	
1/4	1,563.03	1/4	1,218.87	1/4	874.71	1/4	530.55	1/4	186.39	1/4		1/4		1/4		1/4		1/4	
1/2	1,555.86	1/2	1,211.70	1/2	867.54	1/2	523.38	1/2	179.22	1/2		1/2		1/2		1/2		1/2	
3/4	1,548.69	3/4	1,204.53	3/4	860.37	3/4	516.21	3/4	172.05	3/4		3/4		3/4		3/4		3/4	
11	1,541.52	11	1,197.36	11	853.20	11	509.04	11	164.88	11		11		11		11		11	
1/4	1,534.35	1/4	1,190.19	1/4	846.03	1/4	501.87	1/4	157.71	1/4		1/4		1/4		1/4		1/4	
1/2	1,527.18	1/2	1,183.02	1/2	838.86	1/2	494.70	1/2	150.54	1/2		1/2		1/2		1/2		1/2	
3/4	1,520.01	3/4	1,175.85	3/4	831.69	3/4	487.53	3/4	143.37	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/11/1999 CB
DECK MEASUREMENTS: 07/21/2014 SW
REPRINTED: 07/22/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

PRECISION MEASUREMENT
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P.O. Box 2092
Pearland, Texas 77588
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BARGE "NGL 3010"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0	4,913.14	0	4,623.72	0	4,280.46	0	3,936.30	0	3,592.14	0	3,247.98	0	2,903.82	0	2,559.66	0	2,215.50		
1/4	1/4	1/4	4,910.75	1/4	4,616.60	1/4	4,273.29	1/4	3,929.13	1/4	3,584.97	1/4	3,240.81	1/4	2,896.65	1/4	2,552.49	1/4	2,208.33		
1/2	1/2	1/2	4,908.36	1/2	4,609.48	1/2	4,266.12	1/2	3,921.96	1/2	3,577.80	1/2	3,233.64	1/2	2,889.48	1/2	2,545.32	1/2	2,201.16		
3/4	3/4	3/4	4,905.97	3/4	4,602.36	3/4	4,258.95	3/4	3,914.79	3/4	3,570.63	3/4	3,226.47	3/4	2,882.31	3/4	2,538.15	3/4	2,193.99		
1		1	4,903.58	1	4,595.24	1	4,251.78	1	3,907.62	1	3,563.46	1	3,219.30	1	2,875.14	1	2,530.98	1	2,186.82		
1/4	1/4	1/4	4,900.13	1/4	4,588.12	1/4	4,244.61	1/4	3,900.45	1/4	3,556.29	1/4	3,212.13	1/4	2,867.97	1/4	2,523.81	1/4	2,179.65		
1/2	1/2	1/2	4,896.68	1/2	4,581.00	1/2	4,237.44	1/2	3,893.28	1/2	3,549.12	1/2	3,204.96	1/2	2,860.80	1/2	2,516.64	1/2	2,172.48		
3/4	3/4	3/4	4,893.23	3/4	4,573.88	3/4	4,230.27	3/4	3,886.11	3/4	3,541.95	3/4	3,197.79	3/4	2,853.63	3/4	2,509.47	3/4	2,165.31		
2		2	4,889.78	2	4,566.76	2	4,223.10	2	3,878.94	2	3,534.78	2	3,190.62	2	2,846.46	2	2,502.30	2	2,158.14		
1/4	1/4	1/4	4,885.27	1/4	4,559.64	1/4	4,215.93	1/4	3,871.77	1/4	3,527.61	1/4	3,183.45	1/4	2,839.29	1/4	2,495.13	1/4	2,150.97		
1/2	1/2	1/2	4,880.76	1/2	4,552.52	1/2	4,208.76	1/2	3,864.60	1/2	3,520.44	1/2	3,176.28	1/2	2,832.12	1/2	2,487.96	1/2	2,143.80		
3/4	3/4	3/4	4,876.25	3/4	4,545.40	3/4	4,201.59	3/4	3,857.43	3/4	3,513.27	3/4	3,169.11	3/4	2,824.95	3/4	2,480.79	3/4	2,136.63		
3		3	4,871.74	3	4,538.28	3	4,194.42	3	3,850.26	3	3,506.10	3	3,161.94	3	2,817.78	3	2,473.62	3	2,129.46		
1/4	1/4	1/4	4,866.16	1/4	4,531.16	1/4	4,187.25	1/4	3,843.09	1/4	3,498.93	1/4	3,154.77	1/4	2,810.61	1/4	2,466.45	1/4	2,122.29		
1/2	1/2	1/2	4,860.59	1/2	4,524.04	1/2	4,180.08	1/2	3,835.92	1/2	3,491.76	1/2	3,147.60	1/2	2,803.44	1/2	2,459.28	1/2	2,115.12		
3/4	3/4	3/4	4,855.01	3/4	4,516.92	3/4	4,172.91	3/4	3,828.75	3/4	3,484.59	3/4	3,142.43	3/4	2,796.27	3/4	2,452.11	3/4	2,107.95		
4		4	4,849.44	4	4,509.80	4	4,165.74	4	3,821.58	4	3,477.42	4	3,133.26	4	2,789.10	4	2,444.94	4	2,100.78		
1/4	1/4	1/4	4,842.85	1/4	4,502.65	1/4	4,158.57	1/4	3,814.41	1/4	3,470.25	1/4	3,126.09	1/4	2,781.93	1/4	2,437.77	1/4	2,093.61		
1/2	1/2	1/2	4,836.26	1/2	4,495.51	1/2	4,151.40	1/2	3,807.24	1/2	3,463.08	1/2	3,118.92	1/2	2,774.76	1/2	2,430.60	1/2	2,086.44		
3/4	3/4	3/4	4,829.67	3/4	4,488.36	3/4	4,144.23	3/4	3,800.07	3/4	3,455.91	3/4	3,111.75	3/4	2,767.59	3/4	2,423.43	3/4	2,079.27		
5		5	4,823.08	5	4,481.22	5	4,137.06	5	3,792.90	5	3,448.74	5	3,104.58	5	2,760.42	5	2,416.26	5	2,072.10		
1/4	1/4	1/4	4,815.96	1/4	4,474.05	1/4	4,129.89	1/4	3,785.73	1/4	3,441.57	1/4	3,097.41	1/4	2,753.25	1/4	2,409.09	1/4	2,064.93		
1/2	1/2	1/2	4,808.84	1/2	4,466.88	1/2	4,122.72	1/2	3,778.56	1/2	3,434.40	1/2	3,090.24	1/2	2,746.08	1/2	2,401.92	1/2	2,057.76		
3/4	3/4	3/4	4,801.72	3/4	4,459.71	3/4	4,115.55	3/4	3,771.39	3/4	3,427.23	3/4	3,083.07	3/4	2,738.91	3/4	2,394.75	3/4	2,050.59		
6		6	4,794.60	6	4,452.54	6	4,108.38	6	3,764.22	6	3,420.06	6	3,075.90	6	2,731.74	6	2,387.58	6	2,043.42		
1/4	1/4	1/4	4,787.48	1/4	4,445.37	1/4	4,101.21	1/4	3,757.05	1/4	3,412.89	1/4	3,068.73	1/4	2,724.57	1/4	2,380.41	1/4	2,036.25		
1/2	1/2	1/2	4,780.36	1/2	4,438.20	1/2	4,094.04	1/2	3,749.88	1/2	3,405.72	1/2	3,061.56	1/2	2,717.40	1/2	2,373.24	1/2	2,029.08		
3/4	3/4	3/4	4,773.24	3/4	4,431.03	3/4	4,086.87	3/4	3,742.71	3/4	3,398.55	3/4	3,054.39	3/4	2,710.23	3/4	2,366.07	3/4	2,021.91		
7		7	4,766.12	7	4,423.86	7	4,079.70	7	3,735.54	7	3,391.38	7	3,047.22	7	2,703.06	7	2,358.90	7	2,014.74		
1/4	1/4	1/4	4,759.00	1/4	4,416.69	1/4	4,072.53	1/4	3,728.37	1/4	3,384.21	1/4	3,040.05	1/4	2,695.89	1/4	2,351.73	1/4	2,007.57		
1/2	1/2	1/2	4,751.88	1/2	4,409.52	1/2	4,065.36	1/2	3,721.20	1/2	3,377.04	1/2	3,032.88	1/2	2,688.72	1/2	2,344.56	1/2	2,000.40		
3/4	3/4	3/4	4,744.76	3/4	4,402.35	3/4	4,058.19	3/4	3,714.03	3/4	3,369.87	3/4	3,025.71	3/4	2,681.55	3/4	2,337.39	3/4	1,993.23		
8		8	4,737.64	8	4,395.18	8	4,051.02	8	3,706.86	8	3,362.70	8	3,018.54	8	2,674.38	8	2,330.22	8	1,986.06		
1/4	1/4	1/4	4,730.52	1/4	4,388.01	1/4	4,043.85	1/4	3,699.69	1/4	3,355.53	1/4	3,011.37	1/4	2,667.21	1/4	2,323.05	1/4	1,978.89		
1/2	1/2	1/2	4,723.40	1/2	4,380.84	1/2	4,036.68	1/2	3,692.52	1/2	3,348.36	1/2	3,004.20	1/2	2,660.04	1/2	2,315.88	1/2	1,971.72		
3/4	3/4	3/4	4,716.28	3/4	4,373.67	3/4	4,029.51	3/4	3,685.35	3/4	3,341.19	3/4	2,997.03	3/4	2,652.87	3/4	2,308.71	3/4	1,964.55		
9		9	4,709.16	9	4,366.50	9	4,022.34	9	3,678.18	9	3,334.02	9	2,989.86	9	2,645.70	9	2,301.54	9	1,957.38		
1/4	1/4	1/4	4,702.04	1/4	4,359.33	1/4	4,015.17	1/4	3,671.01	1/4	3,326.85	1/4	2,982.69	1/4	2,638.53	1/4	2,294.37	1/4	1,950.21		
1/2	1/2	1/2	4,694.92	1/2	4,352.16	1/2	4,008.00	1/2	3,663.84	1/2	3,319.68	1/2	2,975.52	1/2	2,631.36	1/2	2,287.20	1/2	1,943.04		
3/4	3/4	3/4	4,687.80	3/4	4,344.99	3/4	4,000.83	3/4	3,656.67	3/4	3,312.51	3/4	2,968.35	3/4	2,624.19	3/4	2,280.03	3/4	1,935.87		
10		10	4,680.68	10	4,337.82	10	3,993.66	10	3,649.50	10	3,305.34	10	2,961.18	10	2,617.02	10	2,272.86	10	1,928.70		
1/4	1/4	1/4	4,919.62	1/4	4,673.56	1/4	4,330.65	1/4	3,986.49	1/4	3,642.33	1/4	3,298.17	1/4	2,954.01	1/4	2,609.85	1/4	2,265.69	1/4	1,921.53
1/2	1/2	1/2	4,919.22	1/2	4,666.44	1/2	4,323.48	1/2	3,979.32	1/2	3,635.16	1/2	3,291.00	1/2	2,946.84	1/2	2,602.68	1/2	2,258.52	1/2	1,914.36
3/4	3/4	3/4	4,918.83	3/4	4,659.32	3/4	4,316.31	3/4	3,972.15	3/4	3,627.99	3/4	3,283.83	3/4	2,939.67	3/4	2,595.51	3/4	2,251.35	3/4	1,907.19
11		11	4,918.43	11	4,652.20	11	4,309.14	11	3,964.98	11	3,620.82	11	3,276.66	11	2,932.50	11	2,588.34	11	2,244.18	11	1,900.02
1/4	1/4	1/4	4,917.11	1/4	4,645.08	1/4	4,301.97	1/4	3,957.81	1/4	3,613.65	1/4	3,269.49	1/4	2,925.33	1/4	2,581.17	1/4	2,237.01	1/4	1,892.85
1/2	1/2	1/2	4,915.78	1/2	4,637.96	1/2	4,294.80	1/2	3,950.64	1/2	3,606.48	1/2	3,262.32	1/2	2,918.16	1/2	2,574.00	1/2	2,229.84	1/2	1,885.68
3/4	3/4	3/4	4,914.46	3/4	4,630.84	3/4	4,287.63	3/4	3,943.47	3/4	3,599.31	3/4	3,255.15	3/4	2,910.99	3/4	2,566.83	3/4	2,222.67	3/4	1,878.51

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 ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 41'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "NGL 3010"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05"

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	1,871.34	0	1,527.18	0	1,183.02	0	838.86	0	494.70	0	150.54	0		0		0		0	
1/4	1,864.17	1/4	1,520.01	1/4	1,175.85	1/4	831.69	1/4	487.53	1/4	143.37	1/4		1/4		1/4		1/4	
1/2	1,857.00	1/2	1,512.84	1/2	1,168.68	1/2	824.52	1/2	480.36	1/2	136.20	1/2		1/2		1/2		1/2	
3/4	1,849.83	3/4	1,505.67	3/4	1,161.51	3/4	817.35	3/4	473.19	3/4	129.03	3/4		3/4		3/4		3/4	
1	1,842.66	1	1,498.50	1	1,154.34	1	810.18	1	466.02	1	121.86	1		1		1		1	
1/4	1,835.49	1/4	1,491.33	1/4	1,147.17	1/4	803.01	1/4	458.85	1/4	114.69	1/4		1/4		1/4		1/4	
1/2	1,828.32	1/2	1,484.16	1/2	1,140.00	1/2	795.84	1/2	451.68	1/2	107.52	1/2		1/2		1/2		1/2	
3/4	1,821.15	3/4	1,476.99	3/4	1,132.83	3/4	788.67	3/4	444.51	3/4	100.35	3/4		3/4		3/4		3/4	
2	1,813.98	2	1,469.82	2	1,125.66	2	781.50	2	437.34	2	93.18	2		2		2		2	
1/4	1,806.81	1/4	1,462.65	1/4	1,118.49	1/4	774.33	1/4	430.17	1/4	86.01	1/4		1/4		1/4		1/4	
1/2	1,799.64	1/2	1,455.48	1/2	1,111.32	1/2	767.16	1/2	423.00	1/2	78.84	1/2		1/2		1/2		1/2	
3/4	1,792.47	3/4	1,448.31	3/4	1,104.15	3/4	759.99	3/4	415.83	3/4	71.67	3/4		3/4		3/4		3/4	
3	1,785.30	3	1,441.14	3	1,096.98	3	752.82	3	408.66	3	64.50	3		3		3		3	
1/4	1,778.13	1/4	1,433.97	1/4	1,089.81	1/4	745.65	1/4	401.49	1/4	57.59	1/4		1/4		1/4		1/4	
1/2	1,770.96	1/2	1,426.80	1/2	1,082.64	1/2	738.48	1/2	394.32	1/2	50.67	1/2		1/2		1/2		1/2	
3/4	1,763.79	3/4	1,419.63	3/4	1,075.47	3/4	731.31	3/4	387.15	3/4	43.76	3/4		3/4		3/4		3/4	
4	1,756.62	4	1,412.46	4	1,068.30	4	724.14	4	379.98	4	36.85	4		4		4		4	
1/4	1,749.45	1/4	1,405.29	1/4	1,061.13	1/4	716.97	1/4	372.81	1/4	31.73	1/4		1/4		1/4		1/4	
1/2	1,742.28	1/2	1,398.12	1/2	1,053.96	1/2	709.80	1/2	365.64	1/2	26.61	1/2		1/2		1/2		1/2	
3/4	1,735.11	3/4	1,390.95	3/4	1,046.79	3/4	702.63	3/4	358.47	3/4	21.49	3/4		3/4		3/4		3/4	
5	1,727.94	5	1,383.78	5	1,039.62	5	695.46	5	351.30	5	16.37	5		5		5		5	
1/4	1,720.77	1/4	1,376.61	1/4	1,032.45	1/4	688.29	1/4	344.13	1/4		1/4		1/4		1/4		1/4	
1/2	1,713.60	1/2	1,369.44	1/2	1,025.28	1/2	681.12	1/2	336.96	1/2		1/2		1/2		1/2		1/2	
3/4	1,706.43	3/4	1,362.27	3/4	1,018.11	3/4	673.95	3/4	329.79	3/4		3/4		3/4		3/4		3/4	
6	1,699.26	6	1,355.10	6	1,010.94	6	666.78	6	322.62	6		6		6		6		6	
1/4	1,692.09	1/4	1,347.93	1/4	1,003.77	1/4	659.61	1/4	315.45	1/4		1/4		1/4		1/4		1/4	
1/2	1,684.92	1/2	1,340.76	1/2	996.60	1/2	652.44	1/2	308.28	1/2		1/2		1/2		1/2		1/2	
3/4	1,677.75	3/4	1,333.59	3/4	989.43	3/4	645.27	3/4	301.11	3/4		3/4		3/4		3/4		3/4	
7	1,670.58	7	1,326.42	7	982.26	7	638.10	7	293.94	7		7		7		7		7	
1/4	1,663.41	1/4	1,319.25	1/4	975.09	1/4	630.93	1/4	286.77	1/4		1/4		1/4		1/4		1/4	
1/2	1,656.24	1/2	1,312.08	1/2	967.92	1/2	623.76	1/2	279.60	1/2		1/2		1/2		1/2		1/2	
3/4	1,649.07	3/4	1,304.91	3/4	960.75	3/4	616.59	3/4	272.43	3/4		3/4		3/4		3/4		3/4	
8	1,641.90	8	1,297.74	8	953.58	8	609.42	8	265.26	8		8		8		8		8	
1/4	1,634.73	1/4	1,290.57	1/4	946.41	1/4	602.25	1/4	258.09	1/4		1/4		1/4		1/4		1/4	
1/2	1,627.56	1/2	1,283.40	1/2	939.24	1/2	595.08	1/2	250.92	1/2		1/2		1/2		1/2		1/2	
3/4	1,620.39	3/4	1,276.23	3/4	932.07	3/4	587.91	3/4	243.75	3/4		3/4		3/4		3/4		3/4	
9	1,613.22	9	1,269.06	9	924.90	9	580.74	9	236.58	9		9		9		9		9	
1/4	1,606.05	1/4	1,261.89	1/4	917.73	1/4	573.57	1/4	229.41	1/4		1/4		1/4		1/4		1/4	
1/2	1,598.88	1/2	1,254.72	1/2	910.56	1/2	566.40	1/2	222.24	1/2		1/2		1/2		1/2		1/2	
3/4	1,591.71	3/4	1,247.55	3/4	903.39	3/4	559.23	3/4	215.07	3/4		3/4		3/4		3/4		3/4	
10	1,584.54	10	1,240.38	10	896.22	10	552.06	10	207.90	10		10		10		10		10	
1/4	1,577.37	1/4	1,233.21	1/4	889.05	1/4	544.89	1/4	200.73	1/4		1/4		1/4		1/4		1/4	
1/2	1,570.20	1/2	1,226.04	1/2	881.88	1/2	537.72	1/2	193.56	1/2		1/2		1/2		1/2		1/2	
3/4	1,563.03	3/4	1,218.87	3/4	874.71	3/4	530.55	3/4	186.39	3/4		3/4		3/4		3/4		3/4	
11	1,555.86	11	1,211.70	11	867.54	11	523.38	11	179.22	11		11		11		11		11	
1/4	1,548.69	1/4	1,204.53	1/4	860.37	1/4	516.21	1/4	172.05	1/4		1/4		1/4		1/4		1/4	
1/2	1,541.52	1/2	1,197.36	1/2	853.20	1/2	509.04	1/2	164.88	1/2		1/2		1/2		1/2		1/2	
3/4	1,534.35	3/4	1,190.19	3/4	846.03	3/4	501.87	3/4	157.71	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/11/1999 CB
DECK MEASUREMENTS: 07/21/2014 SW
REPRINTED: 07/22/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "NGL 3010"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0	4,695.76	0	4,478.99	0	4,226.32	0	3,973.65	0	3,720.98	0	3,427.57	0	3,063.35	0	2,699.13	0	2,334.90
1/4	1/4	1/4	4,694.40	1/4	4,473.73	1/4	4,221.06	1/4	3,968.39	1/4	3,715.72	1/4	3,419.98	1/4	3,055.76	1/4	2,691.54	1/4	2,327.31
1/2	1/2	1/2	4,692.26	1/2	4,468.47	1/2	4,215.80	1/2	3,963.12	1/2	3,710.46	1/2	3,412.39	1/2	3,048.17	1/2	2,683.95	1/2	2,319.72
3/4	3/4	3/4	4,690.12	3/4	4,463.20	3/4	4,210.53	3/4	3,957.86	3/4	3,705.19	3/4	3,404.81	3/4	3,040.58	3/4	2,676.36	3/4	2,312.13
1		1	4,687.97	1	4,457.94	1	4,205.27	1	3,952.59	1	3,699.93	1	3,397.22	1	3,033.00	1	2,668.77	1	2,304.55
1/4	1/4	1/4	4,685.83	1/4	4,452.68	1/4	4,200.01	1/4	3,947.33	1/4	3,694.66	1/4	3,389.63	1/4	3,025.41	1/4	2,661.18	1/4	2,296.96
1/2	1/2	1/2	4,682.91	1/2	4,447.41	1/2	4,194.74	1/2	3,942.07	1/2	3,689.40	1/2	3,382.04	1/2	3,017.82	1/2	2,653.59	1/2	2,289.37
3/4	3/4	3/4	4,679.99	3/4	4,442.15	3/4	4,189.48	3/4	3,936.80	3/4	3,684.14	3/4	3,374.46	3/4	3,010.23	3/4	2,646.00	3/4	2,281.78
2		2	4,677.06	2	4,436.88	2	4,184.21	2	3,931.54	2	3,678.87	2	3,366.87	2	3,002.65	2	2,638.42	2	2,274.20
1/4	1/4	1/4	4,674.14	1/4	4,431.62	1/4	4,178.95	1/4	3,926.28	1/4	3,673.61	1/4	3,359.28	1/4	2,995.06	1/4	2,630.83	1/4	2,266.61
1/2	1/2	1/2	4,670.44	1/2	4,426.36	1/2	4,173.68	1/2	3,921.01	1/2	3,668.35	1/2	3,351.69	1/2	2,987.47	1/2	2,623.24	1/2	2,259.02
3/4	3/4	3/4	4,666.74	3/4	4,421.09	3/4	4,168.42	3/4	3,915.75	3/4	3,663.08	3/4	3,344.11	3/4	2,979.88	3/4	2,615.65	3/4	2,251.43
3		3	4,663.03	3	4,415.83	3	4,163.15	3	3,910.48	3	3,657.82	3	3,336.52	3	2,972.29	3	2,608.07	3	2,243.85
1/4	1/4	1/4	4,659.33	1/4	4,410.57	1/4	4,157.89	1/4	3,905.22	1/4	3,652.55	1/4	3,328.93	1/4	2,964.70	1/4	2,600.48	1/4	2,236.26
1/2	1/2	1/2	4,654.85	1/2	4,405.30	1/2	4,152.63	1/2	3,899.96	1/2	3,647.29	1/2	3,321.34	1/2	2,957.11	1/2	2,592.89	1/2	2,228.67
3/4	3/4	3/4	4,650.37	3/4	4,400.04	3/4	4,147.36	3/4	3,894.69	3/4	3,642.02	3/4	3,313.76	3/4	2,949.52	3/4	2,585.30	3/4	2,221.08
4		4	4,645.88	4	4,394.77	4	4,142.10	4	3,889.43	4	3,636.76	4	3,306.17	4	2,941.94	4	2,577.72	4	2,213.49
1/4	1/4	1/4	4,641.40	1/4	4,389.51	1/4	4,136.84	1/4	3,884.17	1/4	3,631.49	1/4	3,298.58	1/4	2,934.35	1/4	2,570.13	1/4	2,205.90
1/2	1/2	1/2	4,636.33	1/2	4,384.24	1/2	4,131.57	1/2	3,878.90	1/2	3,626.02	1/2	3,290.99	1/2	2,926.76	1/2	2,562.54	1/2	2,198.31
3/4	3/4	3/4	4,631.27	3/4	4,378.98	3/4	4,126.31	3/4	3,873.64	3/4	3,620.56	3/4	3,283.40	3/4	2,919.17	3/4	2,554.95	3/4	2,190.72
5		5	4,626.20	5	4,373.71	5	4,121.04	5	3,868.37	5	3,615.09	5	3,275.81	5	2,911.59	5	2,547.37	5	2,183.14
1/4	1/4	1/4	4,621.13	1/4	4,368.45	1/4	4,115.78	1/4	3,863.11	1/4	3,609.62	1/4	3,268.22	1/4	2,904.00	1/4	2,539.78	1/4	2,175.55
1/2	1/2	1/2	4,615.87	1/2	4,363.19	1/2	4,110.52	1/2	3,857.84	1/2	3,603.84	1/2	3,260.63	1/2	2,896.41	1/2	2,532.19	1/2	2,167.96
3/4	3/4	3/4	4,610.60	3/4	4,357.92	3/4	4,105.25	3/4	3,852.58	3/4	3,598.06	3/4	3,253.05	3/4	2,888.82	3/4	2,524.60	3/4	2,160.37
6		6	4,605.34	6	4,352.66	6	4,099.99	6	3,847.31	6	3,592.27	6	3,245.46	6	2,881.24	6	2,517.01	6	2,152.79
1/4	1/4	1/4	4,600.07	1/4	4,347.40	1/4	4,094.73	1/4	3,842.05	1/4	3,586.49	1/4	3,237.87	1/4	2,873.65	1/4	2,509.42	1/4	2,145.20
1/2	1/2	1/2	4,594.81	1/2	4,342.13	1/2	4,089.46	1/2	3,836.79	1/2	3,580.36	1/2	3,230.28	1/2	2,866.06	1/2	2,501.83	1/2	2,137.61
3/4	3/4	3/4	4,589.54	3/4	4,336.87	3/4	4,084.20	3/4	3,831.52	3/4	3,574.24	3/4	3,222.70	3/4	2,858.47	3/4	2,494.24	3/4	2,130.02
7		7	4,584.28	7	4,331.60	7	4,078.93	7	3,826.26	7	3,568.11	7	3,215.11	7	2,850.89	7	2,486.66	7	2,122.44
1/4	1/4	1/4	4,579.01	1/4	4,326.34	1/4	4,073.67	1/4	3,821.00	1/4	3,561.98	1/4	3,207.52	1/4	2,843.30	1/4	2,479.07	1/4	2,114.85
1/2	1/2	1/2	4,573.75	1/2	4,321.08	1/2	4,068.40	1/2	3,815.73	1/2	3,555.51	1/2	3,199.93	1/2	2,835.71	1/2	2,471.48	1/2	2,107.26
3/4	3/4	3/4	4,568.49	3/4	4,315.81	3/4	4,063.14	3/4	3,810.47	3/4	3,549.04	3/4	3,192.35	3/4	2,828.12	3/4	2,463.89	3/4	2,099.67
8		8	4,563.22	8	4,310.55	8	4,057.87	8	3,805.20	8	3,542.57	8	3,184.76	8	2,820.53	8	2,456.31	8	2,092.09
1/4	1/4	1/4	4,557.96	1/4	4,305.29	1/4	4,052.61	1/4	3,799.94	1/4	3,536.10	1/4	3,177.17	1/4	2,812.94	1/4	2,448.72	1/4	2,084.50
1/2	1/2	1/2	4,552.70	1/2	4,300.02	1/2	4,047.35	1/2	3,794.68	1/2	3,529.28	1/2	3,169.58	1/2	2,805.35	1/2	2,441.13	1/2	2,076.91
3/4	3/4	3/4	4,547.43	3/4	4,294.76	3/4	4,042.08	3/4	3,789.41	3/4	3,522.47	3/4	3,162.00	3/4	2,797.76	3/4	2,433.54	3/4	2,069.32
9		9	4,542.17	9	4,289.49	9	4,036.82	9	3,784.15	9	3,515.65	9	3,154.41	9	2,790.18	9	2,425.96	9	2,061.73
1/4	1/4	1/4	4,536.90	1/4	4,284.23	1/4	4,031.56	1/4	3,778.89	1/4	3,508.83	1/4	3,146.82	1/4	2,782.59	1/4	2,418.37	1/4	2,054.14
1/2	1/2	1/2	4,531.64	1/2	4,278.96	1/2	4,026.29	1/2	3,773.62	1/2	3,501.67	1/2	3,139.23	1/2	2,775.00	1/2	2,410.78	1/2	2,046.55
3/4	3/4	3/4	4,526.38	3/4	4,273.70	3/4	4,021.03	3/4	3,768.36	3/4	3,494.51	3/4	3,131.64	3/4	2,767.41	3/4	2,403.19	3/4	2,038.96
10	4,702.66	10	4,521.11	10	4,268.43	10	4,015.76	10	3,763.10	10	3,487.35	10	3,124.05	10	2,759.83	10	2,395.61	10	2,031.38
1/4	4,702.37	1/4	4,515.85	1/4	4,263.17	1/4	4,010.50	1/4	3,757.83	1/4	3,480.19	1/4	3,116.46	1/4	2,752.24	1/4	2,388.02	1/4	2,023.79
1/2	4,701.74	1/2	4,510.59	1/2	4,257.91	1/2	4,005.24	1/2	3,752.57	1/2	3,472.73	1/2	3,108.87	1/2	2,744.65	1/2	2,380.43	1/2	2,016.20
3/4	4,701.11	3/4	4,505.32	3/4	4,252.64	3/4	3,999.97	3/4	3,747.30	3/4	3,465.27	3/4	3,101.28	3/4	2,737.06	3/4	2,372.84	3/4	2,008.61
11	4,700.48	11	4,500.05	11	4,247.38	11	3,994.71	11	3,742.04	11	3,457.80	11	3,093.70	11	2,729.48	11	2,365.25	11	2,001.03
1/4	4,699.85	1/4	4,494.79	1/4	4,242.12	1/4	3,989.45	1/4	3,736.77	1/4	3,450.34	1/4	3,086.11	1/4	2,721.89	1/4	2,357.66	1/4	1,993.44
1/2	4,698.49	1/2	4,489.52	1/2	4,236.85	1/2	3,984.18	1/2	3,731.51	1/2	3,442.75	1/2	3,078.52	1/2	2,714.30	1/2	2,350.07	1/2	1,985.85
3/4	4,697.13	3/4	4,484.26	3/4	4,231.59	3/4	3,978.92	3/4	3,726.25	3/4	3,435.16	3/4	3,070.93	3/4	2,706.71	3/4	2,342.48	3/4	1,978.26

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 ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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





BARGE "NGL 3010"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	1,970.68	0	1,606.45	0	1,242.23	0	878.74	0	515.56	0	151.58	0		0		0		0	
1/4	1,963.09	1/4	1,598.86	1/4	1,234.64	1/4	871.19	1/4	507.98	1/4	144.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,955.50	1/2	1,591.27	1/2	1,227.05	1/2	863.63	1/2	500.40	1/2	136.42	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,947.91	3/4	1,583.68	3/4	1,219.46	3/4	856.08	3/4	492.81	3/4	128.83	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,940.33	1	1,576.10	1	1,211.88	1	848.52	1	485.23	1	121.25	1	1	1	1	1	1	1	1
1/4	1,932.74	1/4	1,568.51	1/4	1,204.29	1/4	840.97	1/4	477.65	1/4	113.67	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,925.15	1/2	1,560.92	1/2	1,196.70	1/2	833.42	1/2	470.07	1/2	106.08	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,917.56	3/4	1,553.33	3/4	1,189.11	3/4	825.86	3/4	462.48	3/4	98.50	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,909.97	2	1,545.75	2	1,181.53	2	818.31	2	454.90	2	90.91	2	2	2	2	2	2	2	2
1/4	1,902.38	1/4	1,538.16	1/4	1,173.94	1/4	810.76	1/4	447.32	1/4	83.33	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,894.79	1/2	1,530.57	1/2	1,166.35	1/2	803.21	1/2	439.74	1/2	75.75	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,887.20	3/4	1,522.98	3/4	1,158.76	3/4	795.65	3/4	432.15	3/4	68.16	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,879.62	3	1,515.40	3	1,151.17	3	788.10	3	424.57	3	60.58	3	3	3	3	3	3	3	3
1/4	1,872.03	1/4	1,507.81	1/4	1,143.58	1/4	780.55	1/4	416.99	1/4	53.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,864.44	1/2	1,500.22	1/2	1,135.99	1/2	773.00	1/2	409.40	1/2	46.77	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,856.85	3/4	1,492.63	3/4	1,128.40	3/4	765.44	3/4	401.82	3/4	40.54	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,849.27	4	1,485.05	4	1,120.82	4	757.89	4	394.23	4	34.32	4	4	4	4	4	4	4	4
1/4	1,841.68	1/4	1,477.46	1/4	1,113.23	1/4	750.34	1/4	386.65	1/4	28.09	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,834.09	1/2	1,469.87	1/2	1,105.64	1/2	742.79	1/2	379.07	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,826.50	3/4	1,462.28	3/4	1,098.05	3/4	735.23	3/4	371.48	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,818.92	5	1,454.69	5	1,090.47	5	727.68	5	363.90	5	5	5	5	5	5	5	5	5	5
1/4	1,811.33	1/4	1,447.10	1/4	1,082.88	1/4	720.13	1/4	356.32	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,803.74	1/2	1,439.51	1/2	1,075.29	1/2	712.57	1/2	348.74	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,796.15	3/4	1,431.92	3/4	1,067.70	3/4	705.02	3/4	341.15	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,788.57	6	1,424.34	6	1,060.12	6	697.46	6	333.57	6	6	6	6	6	6	6	6	6	6
1/4	1,780.98	1/4	1,416.75	1/4	1,052.53	1/4	689.91	1/4	325.99	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,773.39	1/2	1,409.16	1/2	1,044.96	1/2	682.34	1/2	318.41	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,765.80	3/4	1,401.57	3/4	1,037.39	3/4	674.77	3/4	310.82	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,758.21	7	1,393.99	7	1,029.82	7	667.21	7	303.24	7	7	7	7	7	7	7	7	7	7
1/4	1,750.62	1/4	1,386.40	1/4	1,022.25	1/4	659.64	1/4	295.66	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,743.03	1/2	1,378.81	1/2	1,014.69	1/2	652.06	1/2	288.08	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,735.44	3/4	1,371.22	3/4	1,007.14	3/4	644.47	3/4	280.49	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,727.86	8	1,363.64	8	999.58	8	636.89	8	272.91	8	8	8	8	8	8	8	8	8	8
1/4	1,720.27	1/4	1,356.05	1/4	992.03	1/4	629.31	1/4	265.33	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,712.68	1/2	1,348.46	1/2	984.48	1/2	621.73	1/2	257.74	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,705.09	3/4	1,340.87	3/4	976.92	3/4	614.14	3/4	250.16	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,697.51	9	1,333.29	9	969.37	9	606.56	9	242.57	9	9	9	9	9	9	9	9	9	9
1/4	1,689.92	1/4	1,325.70	1/4	961.82	1/4	598.98	1/4	234.99	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,682.33	1/2	1,318.11	1/2	954.27	1/2	591.40	1/2	227.41	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,674.74	3/4	1,310.52	3/4	946.71	3/4	583.81	3/4	219.82	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,667.16	10	1,302.93	10	939.16	10	576.23	10	212.24	10	10	10	10	10	10	10	10	10	10
1/4	1,659.57	1/4	1,295.34	1/4	931.61	1/4	568.65	1/4	204.66	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,651.98	1/2	1,287.75	1/2	924.06	1/2	561.06	1/2	197.08	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,644.39	3/4	1,280.16	3/4	916.50	3/4	553.48	3/4	189.49	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,636.81	11	1,272.58	11	908.95	11	545.89	11	181.91	11	11	11	11	11	11	11	11	11	11
1/4	1,629.22	1/4	1,264.99	1/4	901.40	1/4	538.31	1/4	174.33	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,621.63	1/2	1,257.40	1/2	893.85	1/2	530.73	1/2	166.75	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,614.04	3/4	1,249.81	3/4	886.29	3/4	523.14	3/4	159.16	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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BARGE "NGL 3010"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
0	0	4,697.13	0	4,484.26	0	4,231.59	0	3,978.92	0	3,726.25	0	3,435.16	0	3,070.93	0	2,706.71	0	2,342.48		
1/4	1/4	4,695.76	1/4	4,478.99	1/4	4,226.32	1/4	3,973.65	1/4	3,720.98	1/4	3,427.57	1/4	3,063.35	1/4	2,699.13	1/4	2,334.90		
1/2	1/2	4,694.40	1/2	4,473.73	1/2	4,221.06	1/2	3,968.39	1/2	3,715.72	1/2	3,419.98	1/2	3,055.76	1/2	2,691.54	1/2	2,327.31		
3/4	3/4	4,692.26	3/4	4,468.47	3/4	4,215.80	3/4	3,963.12	3/4	3,710.46	3/4	3,412.39	3/4	3,048.17	3/4	2,683.95	3/4	2,319.72		
1	1	4,690.12	1	4,463.20	1	4,210.53	1	3,957.86	1	3,705.19	1	3,404.81	1	3,040.58	1	2,676.36	1	2,312.13		
1/4	1/4	4,687.97	1/4	4,457.94	1/4	4,205.27	1/4	3,952.59	1/4	3,699.93	1/4	3,397.22	1/4	3,033.00	1/4	2,668.77	1/4	2,304.55		
1/2	1/2	4,685.83	1/2	4,452.68	1/2	4,200.01	1/2	3,947.33	1/2	3,694.66	1/2	3,389.63	1/2	3,025.41	1/2	2,661.18	1/2	2,296.96		
3/4	3/4	4,682.91	3/4	4,447.41	3/4	4,194.74	3/4	3,942.07	3/4	3,689.40	3/4	3,382.04	3/4	3,017.82	3/4	2,653.59	3/4	2,289.37		
2	2	4,679.99	2	4,442.15	2	4,189.48	2	3,936.80	2	3,684.14	2	3,374.46	2	3,010.23	2	2,646.00	2	2,281.78		
1/4	1/4	4,677.06	1/4	4,436.88	1/4	4,184.21	1/4	3,931.54	1/4	3,678.87	1/4	3,366.87	1/4	3,002.65	1/4	2,638.42	1/4	2,274.20		
1/2	1/2	4,674.14	1/2	4,431.62	1/2	4,178.95	1/2	3,926.28	1/2	3,673.61	1/2	3,359.28	1/2	2,995.06	1/2	2,630.83	1/2	2,266.61		
3/4	3/4	4,670.44	3/4	4,426.36	3/4	4,173.68	3/4	3,921.01	3/4	3,668.35	3/4	3,351.69	3/4	2,987.47	3/4	2,623.24	3/4	2,259.02		
3	3	4,666.74	3	4,421.09	3	4,168.42	3	3,915.75	3	3,663.08	3	3,344.11	3	2,979.88	3	2,615.65	3	2,251.43		
1/4	1/4	4,663.03	1/4	4,415.83	1/4	4,163.15	1/4	3,910.48	1/4	3,657.82	1/4	3,336.52	1/4	2,972.29	1/4	2,608.07	1/4	2,243.85		
1/2	1/2	4,659.33	1/2	4,410.57	1/2	4,157.89	1/2	3,905.22	1/2	3,652.55	1/2	3,328.93	1/2	2,964.70	1/2	2,600.48	1/2	2,236.26		
3/4	3/4	4,654.85	3/4	4,405.30	3/4	4,152.63	3/4	3,899.96	3/4	3,647.29	3/4	3,321.34	3/4	2,957.11	3/4	2,592.89	3/4	2,228.67		
4	4	4,650.37	4	4,400.04	4	4,147.36	4	3,894.69	4	3,642.02	4	3,313.76	4	2,949.52	4	2,585.30	4	2,221.08		
1/4	1/4	4,645.88	1/4	4,394.77	1/4	4,142.10	1/4	3,889.43	1/4	3,636.76	1/4	3,306.17	1/4	2,941.94	1/4	2,577.72	1/4	2,213.49		
1/2	1/2	4,641.40	1/2	4,389.51	1/2	4,136.84	1/2	3,884.17	1/2	3,631.49	1/2	3,298.58	1/2	2,934.35	1/2	2,570.13	1/2	2,205.90		
3/4	3/4	4,636.33	3/4	4,384.24	3/4	4,131.57	3/4	3,878.90	3/4	3,626.02	3/4	3,290.99	3/4	2,926.76	3/4	2,562.54	3/4	2,198.31		
5	5	4,631.27	5	4,378.98	5	4,126.31	5	3,873.64	5	3,620.56	5	3,283.40	5	2,919.17	5	2,554.95	5	2,190.72		
1/4	1/4	4,626.20	1/4	4,373.71	1/4	4,121.04	1/4	3,868.37	1/4	3,615.09	1/4	3,275.81	1/4	2,911.59	1/4	2,547.37	1/4	2,183.14		
1/2	1/2	4,621.13	1/2	4,368.45	1/2	4,115.78	1/2	3,863.11	1/2	3,609.62	1/2	3,268.22	1/2	2,904.00	1/2	2,539.78	1/2	2,175.55		
3/4	3/4	4,615.87	3/4	4,363.19	3/4	4,110.52	3/4	3,857.84	3/4	3,603.84	3/4	3,260.63	3/4	2,896.41	3/4	2,532.19	3/4	2,167.96		
6	6	4,610.60	6	4,357.92	6	4,105.25	6	3,852.58	6	3,598.06	6	3,253.05	6	2,888.82	6	2,524.60	6	2,160.37		
1/4	1/4	4,605.34	1/4	4,352.66	1/4	4,099.99	1/4	3,847.31	1/4	3,592.27	1/4	3,245.46	1/4	2,881.24	1/4	2,517.01	1/4	2,152.79		
1/2	1/2	4,600.07	1/2	4,347.40	1/2	4,094.73	1/2	3,842.05	1/2	3,586.49	1/2	3,237.87	1/2	2,873.65	1/2	2,509.42	1/2	2,145.20		
3/4	3/4	4,594.81	3/4	4,342.13	3/4	4,089.46	3/4	3,836.79	3/4	3,580.36	3/4	3,230.28	3/4	2,866.06	3/4	2,501.83	3/4	2,137.61		
7	7	4,589.54	7	4,336.87	7	4,084.20	7	3,831.52	7	3,574.24	7	3,222.70	7	2,858.47	7	2,494.24	7	2,130.02		
1/4	1/4	4,584.28	1/4	4,331.60	1/4	4,078.93	1/4	3,826.26	1/4	3,568.11	1/4	3,215.11	1/4	2,850.89	1/4	2,486.66	1/4	2,122.44		
1/2	1/2	4,579.01	1/2	4,326.34	1/2	4,073.67	1/2	3,821.00	1/2	3,561.98	1/2	3,207.52	1/2	2,843.30	1/2	2,479.07	1/2	2,114.85		
3/4	3/4	4,573.75	3/4	4,321.08	3/4	4,068.40	3/4	3,815.73	3/4	3,555.51	3/4	3,199.93	3/4	2,835.71	3/4	2,471.48	3/4	2,107.26		
8	8	4,568.49	8	4,315.81	8	4,063.14	8	3,810.47	8	3,549.04	8	3,192.35	8	2,828.12	8	2,463.89	8	2,099.67		
1/4	1/4	4,563.22	1/4	4,310.55	1/4	4,057.87	1/4	3,805.20	1/4	3,542.57	1/4	3,184.76	1/4	2,820.53	1/4	2,456.31	1/4	2,092.09		
1/2	1/2	4,557.96	1/2	4,305.29	1/2	4,052.61	1/2	3,799.94	1/2	3,536.10	1/2	3,177.17	1/2	2,812.94	1/2	2,448.72	1/2	2,084.50		
3/4	3/4	4,552.70	3/4	4,300.02	3/4	4,047.35	3/4	3,794.68	3/4	3,529.28	3/4	3,169.58	3/4	2,805.35	3/4	2,441.13	3/4	2,076.91		
9	9	4,547.43	9	4,294.76	9	4,042.08	9	3,789.41	9	3,522.47	9	3,162.00	9	2,797.76	9	2,433.54	9	2,069.32		
1/4	1/4	4,542.17	1/4	4,289.49	1/4	4,036.82	1/4	3,784.15	1/4	3,515.65	1/4	3,154.41	1/4	2,790.18	1/4	2,425.96	1/4	2,061.73		
1/2	1/2	4,536.90	1/2	4,284.23	1/2	4,031.56	1/2	3,778.89	1/2	3,508.83	1/2	3,146.82	1/2	2,782.59	1/2	2,418.37	1/2	2,054.14		
3/4	3/4	4,531.64	3/4	4,278.96	3/4	4,026.29	3/4	3,773.62	3/4	3,501.67	3/4	3,139.23	3/4	2,775.00	3/4	2,410.78	3/4	2,046.55		
10	10	4,526.38	10	4,273.70	10	4,021.03	10	3,768.36	10	3,494.51	10	3,131.64	10	2,767.41	10	2,403.19	10	2,038.96		
1/4	4,702.66	1/4	4,521.11	1/4	4,268.43	1/4	4,015.76	1/4	3,763.10	1/4	3,487.35	1/4	3,124.05	1/4	2,759.83	1/4	2,395.61	1/4	2,031.38	
1/2	4,702.37	1/2	4,515.85	1/2	4,263.17	1/2	4,010.50	1/2	3,757.83	1/2	3,480.19	1/2	3,116.46	1/2	2,752.24	1/2	2,388.02	1/2	2,023.79	
3/4	4,701.74	3/4	4,510.59	3/4	4,257.91	3/4	4,005.24	3/4	3,752.57	3/4	3,472.73	3/4	3,108.87	3/4	2,744.65	3/4	2,380.43	3/4	2,016.20	
11	4,701.11	11	4,505.32	11	4,252.64	11	3,999.97	11	3,747.30	11	3,465.27	11	3,101.28	11	2,737.06	11	2,372.84	11	2,008.61	
1/4	4,700.48	1/4	4,500.05	1/4	4,247.38	1/4	3,994.71	1/4	3,742.04	1/4	3,457.80	1/4	3,093.70	1/4	2,729.48	1/4	2,365.25	1/4	2,001.03	
1/2	4,699.85	1/2	4,494.79	1/2	4,242.12	1/2	3,989.45	1/2	3,736.77	1/2	3,450.34	1/2	3,086.11	1/2	2,721.89	1/2	2,357.66	1/2	1,993.44	
3/4	4,698.49	3/4	4,489.52	3/4	4,236.85	3/4	3,984.18	3/4	3,731.51	3/4	3,442.75	3/4	3,078.52	3/4	2,714.30	3/4	2,350.07	3/4	1,985.85	

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 ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "NGL 3010"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	1,978.26	0	1,614.04	0	1,249.81	0	886.29	0	523.14	0	159.16	0		0		0		0	
1/4	1,970.68	1/4	1,606.45	1/4	1,242.23	1/4	878.74	1/4	515.56	1/4	151.58	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,963.09	1/2	1,598.86	1/2	1,234.64	1/2	871.19	1/2	507.98	1/2	144.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,955.50	3/4	1,591.27	3/4	1,227.05	3/4	863.63	3/4	500.40	3/4	136.42	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,947.91	1	1,583.68	1	1,219.46	1	856.08	1	492.81	1	128.83	1	1	1	1	1	1	1	1
1/4	1,940.33	1/4	1,576.10	1/4	1,211.88	1/4	848.52	1/4	485.23	1/4	121.25	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,932.74	1/2	1,568.51	1/2	1,204.29	1/2	840.97	1/2	477.65	1/2	113.67	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,925.15	3/4	1,560.92	3/4	1,196.70	3/4	833.42	3/4	470.07	3/4	106.08	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,917.56	2	1,553.33	2	1,189.11	2	825.86	2	462.48	2	98.50	2	2	2	2	2	2	2	2
1/4	1,909.97	1/4	1,545.75	1/4	1,181.53	1/4	818.31	1/4	454.90	1/4	90.91	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,902.38	1/2	1,538.16	1/2	1,173.94	1/2	810.76	1/2	447.32	1/2	83.33	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,894.79	3/4	1,530.57	3/4	1,166.35	3/4	803.21	3/4	439.74	3/4	75.75	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,887.20	3	1,522.98	3	1,158.76	3	795.65	3	432.15	3	68.16	3	3	3	3	3	3	3	3
1/4	1,879.62	1/4	1,515.40	1/4	1,151.17	1/4	788.10	1/4	424.57	1/4	60.58	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,872.03	1/2	1,507.81	1/2	1,143.58	1/2	780.55	1/2	416.99	1/2	53.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,864.44	3/4	1,500.22	3/4	1,135.99	3/4	773.00	3/4	409.40	3/4	46.77	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,856.85	4	1,492.63	4	1,128.40	4	765.44	4	401.82	4	40.54	4	4	4	4	4	4	4	4
1/4	1,849.27	1/4	1,485.05	1/4	1,120.82	1/4	757.89	1/4	394.23	1/4	34.32	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,841.68	1/2	1,477.46	1/2	1,113.23	1/2	750.34	1/2	386.65	1/2	28.09	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,834.09	3/4	1,469.87	3/4	1,105.64	3/4	742.79	3/4	379.07	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,826.50	5	1,462.28	5	1,098.05	5	735.23	5	371.48	5		5	5	5	5	5	5	5	5
1/4	1,818.92	1/4	1,454.69	1/4	1,090.47	1/4	727.68	1/4	363.90	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,811.33	1/2	1,447.10	1/2	1,082.88	1/2	720.13	1/2	356.32	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,803.74	3/4	1,439.51	3/4	1,075.29	3/4	712.57	3/4	348.74	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,796.15	6	1,431.92	6	1,067.70	6	705.02	6	341.15	6		6	6	6	6	6	6	6	6
1/4	1,788.57	1/4	1,424.34	1/4	1,060.12	1/4	697.46	1/4	333.57	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,780.98	1/2	1,416.75	1/2	1,052.53	1/2	689.91	1/2	325.99	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,773.39	3/4	1,409.16	3/4	1,044.96	3/4	682.34	3/4	318.41	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,765.80	7	1,401.57	7	1,037.39	7	674.77	7	310.82	7		7	7	7	7	7	7	7	7
1/4	1,758.21	1/4	1,393.99	1/4	1,029.82	1/4	667.21	1/4	303.24	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,750.62	1/2	1,386.40	1/2	1,022.25	1/2	659.64	1/2	295.66	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,743.03	3/4	1,378.81	3/4	1,014.69	3/4	652.06	3/4	288.08	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,735.44	8	1,371.22	8	1,007.14	8	644.47	8	280.49	8		8	8	8	8	8	8	8	8
1/4	1,727.86	1/4	1,363.64	1/4	999.58	1/4	636.89	1/4	272.91	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,720.27	1/2	1,356.05	1/2	992.03	1/2	629.31	1/2	265.33	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,712.68	3/4	1,348.46	3/4	984.48	3/4	621.73	3/4	257.74	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,705.09	9	1,340.87	9	976.92	9	614.14	9	250.16	9		9	9	9	9	9	9	9	9
1/4	1,697.51	1/4	1,333.29	1/4	969.37	1/4	606.56	1/4	242.57	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,689.92	1/2	1,325.70	1/2	961.82	1/2	598.98	1/2	234.99	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,682.33	3/4	1,318.11	3/4	954.27	3/4	591.40	3/4	227.41	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,674.74	10	1,310.52	10	946.71	10	583.81	10	219.82	10		10	10	10	10	10	10	10	10
1/4	1,667.16	1/4	1,302.93	1/4	939.16	1/4	576.23	1/4	212.24	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,659.57	1/2	1,295.34	1/2	931.61	1/2	568.65	1/2	204.66	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,651.98	3/4	1,287.75	3/4	924.06	3/4	561.06	3/4	197.08	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,644.39	11	1,280.16	11	916.50	11	553.48	11	189.49	11		11	11	11	11	11	11	11	11
1/4	1,636.81	1/4	1,272.58	1/4	908.95	1/4	545.89	1/4	181.91	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,629.22	1/2	1,264.99	1/2	901.40	1/2	538.31	1/2	174.33	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,621.63	3/4	1,257.40	3/4	893.85	3/4	530.73	3/4	166.75	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.

STRAPPED: 06/11/1999 CB
DECK MEASUREMENTS: 07/21/2014 SW
REPRINTED: 07/22/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "NGL 3010"

PORT 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	1,079	0	2,158	0	3,236	0	4,315	0		0		0		0		0	
1/4	22	1/4	1,101	1/4	2,180	1/4	3,259	1/4	4,338	1/4		1/4		1/4		1/4		1/4	
1/2	45	1/2	1,124	1/2	2,202	1/2	3,281	1/2	4,360	1/2		1/2		1/2		1/2		1/2	
3/4	67	3/4	1,146	3/4	2,225	3/4	3,304	3/4	4,382	3/4		3/4		3/4		3/4		3/4	
1	90	1	1,169	1	2,247	1	3,326	1	4,405	1		1		1		1		1	
1/4	112	1/4	1,191	1/4	2,270	1/4	3,349	1/4	4,427	1/4		1/4		1/4		1/4		1/4	
1/2	135	1/2	1,214	1/2	2,292	1/2	3,371	1/2	4,449	1/2		1/2		1/2		1/2		1/2	
3/4	157	3/4	1,236	3/4	2,315	3/4	3,394	3/4	4,471	3/4		3/4		3/4		3/4		3/4	
2	180	2	1,259	2	2,337	2	3,416	2	4,494	2		2		2		2		2	
1/4	202	1/4	1,281	1/4	2,360	1/4	3,439	1/4	4,516	1/4		1/4		1/4		1/4		1/4	
1/2	225	1/2	1,304	1/2	2,382	1/2	3,461	1/2	4,538	1/2		1/2		1/2		1/2		1/2	
3/4	247	3/4	1,326	3/4	2,405	3/4	3,484	3/4	4,560	3/4		3/4		3/4		3/4		3/4	
3	270	3	1,348	3	2,427	3	3,506	3	4,582	3		3		3		3		3	
1/4	292	1/4	1,371	1/4	2,450	1/4	3,528	1/4	4,604	1/4		1/4		1/4		1/4		1/4	
1/2	315	1/2	1,393	1/2	2,472	1/2	3,551	1/2	4,626	1/2		1/2		1/2		1/2		1/2	
3/4	337	3/4	1,416	3/4	2,495	3/4	3,573	3/4	4,648	3/4		3/4		3/4		3/4		3/4	
4	360	4	1,438	4	2,517	4	3,596	4	4,671	4		4		4		4		4	
1/4	382	1/4	1,461	1/4	2,540	1/4	3,618	1/4	4,693	1/4		1/4		1/4		1/4		1/4	
1/2	405	1/2	1,483	1/2	2,562	1/2	3,641	1/2	4,715	1/2		1/2		1/2		1/2		1/2	
3/4	427	3/4	1,506	3/4	2,585	3/4	3,663	3/4	4,737	3/4		3/4		3/4		3/4		3/4	
5	450	5	1,528	5	2,607	5	3,686	5	4,759	5		5		5		5		5	
1/4	472	1/4	1,551	1/4	2,629	1/4	3,708	1/4	4,781	1/4		1/4		1/4		1/4		1/4	
1/2	494	1/2	1,573	1/2	2,652	1/2	3,731	1/2	4,803	1/2		1/2		1/2		1/2		1/2	
3/4	517	3/4	1,596	3/4	2,674	3/4	3,753	3/4	4,826	3/4		3/4		3/4		3/4		3/4	
6	539	6	1,618	6	2,697	6	3,776	6	4,848	6		6		6		6		6	
1/4	562	1/4	1,641	1/4	2,719	1/4	3,798	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	584	1/2	1,663	1/2	2,742	1/2	3,821	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	607	3/4	1,686	3/4	2,764	3/4	3,843	3/4		3/4		3/4		3/4		3/4		3/4	
7	629	7	1,708	7	2,787	7	3,866	7		7		7		7		7		7	
1/4	652	1/4	1,731	1/4	2,809	1/4	3,888	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	674	1/2	1,753	1/2	2,832	1/2	3,911	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	697	3/4	1,775	3/4	2,854	3/4	3,933	3/4		3/4		3/4		3/4		3/4		3/4	
8	719	8	1,798	8	2,877	8	3,955	8		8		8		8		8		8	
1/4	742	1/4	1,820	1/4	2,899	1/4	3,978	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	764	1/2	1,843	1/2	2,922	1/2	4,000	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	787	3/4	1,865	3/4	2,944	3/4	4,023	3/4		3/4		3/4		3/4		3/4		3/4	
9	809	9	1,888	9	2,967	9	4,045	9		9		9		9		9		9	
1/4	832	1/4	1,910	1/4	2,989	1/4	4,068	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	854	1/2	1,933	1/2	3,012	1/2	4,090	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	877	3/4	1,955	3/4	3,034	3/4	4,113	3/4		3/4		3/4		3/4		3/4		3/4	
10	899	10	1,978	10	3,057	10	4,135	10		10		10		10		10		10	
1/4	921	1/4	2,000	1/4	3,079	1/4	4,158	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	944	1/2	2,023	1/2	3,101	1/2	4,180	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	966	3/4	2,045	3/4	3,124	3/4	4,203	3/4		3/4		3/4		3/4		3/4		3/4	
11	989	11	2,068	11	3,146	11	4,225	11		11		11		11		11		11	
1/4	1,011	1/4	2,090	1/4	3,169	1/4	4,248	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,034	1/2	2,113	1/2	3,191	1/2	4,270	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,056	3/4	2,135	3/4	3,214	3/4	4,293	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 AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES

STRAPPED: 07/21/2014 SW
CALCULATED: 07/21/2014 CL
PRINTED: 07/21/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "NGL 3010"

STBD 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	1,079	0	2,158	0	3,236	0	4,315	0		0		0		0		0	
1/4	22	1/4	1,101	1/4	2,180	1/4	3,259	1/4	4,338	1/4		1/4		1/4		1/4		1/4	
1/2	45	1/2	1,124	1/2	2,202	1/2	3,281	1/2	4,360	1/2		1/2		1/2		1/2		1/2	
3/4	67	3/4	1,146	3/4	2,225	3/4	3,304	3/4	4,382	3/4		3/4		3/4		3/4		3/4	
1	90	1	1,169	1	2,247	1	3,326	1	4,405	1		1		1		1		1	
1/4	112	1/4	1,191	1/4	2,270	1/4	3,349	1/4	4,427	1/4		1/4		1/4		1/4		1/4	
1/2	135	1/2	1,214	1/2	2,292	1/2	3,371	1/2	4,449	1/2		1/2		1/2		1/2		1/2	
3/4	157	3/4	1,236	3/4	2,315	3/4	3,394	3/4	4,471	3/4		3/4		3/4		3/4		3/4	
2	180	2	1,259	2	2,337	2	3,416	2	4,494	2		2		2		2		2	
1/4	202	1/4	1,281	1/4	2,360	1/4	3,439	1/4	4,516	1/4		1/4		1/4		1/4		1/4	
1/2	225	1/2	1,304	1/2	2,382	1/2	3,461	1/2	4,538	1/2		1/2		1/2		1/2		1/2	
3/4	247	3/4	1,326	3/4	2,405	3/4	3,484	3/4	4,560	3/4		3/4		3/4		3/4		3/4	
3	270	3	1,348	3	2,427	3	3,506	3	4,582	3		3		3		3		3	
1/4	292	1/4	1,371	1/4	2,450	1/4	3,528	1/4	4,604	1/4		1/4		1/4		1/4		1/4	
1/2	315	1/2	1,393	1/2	2,472	1/2	3,551	1/2	4,626	1/2		1/2		1/2		1/2		1/2	
3/4	337	3/4	1,416	3/4	2,495	3/4	3,573	3/4	4,648	3/4		3/4		3/4		3/4		3/4	
4	360	4	1,438	4	2,517	4	3,596	4	4,671	4		4		4		4		4	
1/4	382	1/4	1,461	1/4	2,540	1/4	3,618	1/4	4,693	1/4		1/4		1/4		1/4		1/4	
1/2	405	1/2	1,483	1/2	2,562	1/2	3,641	1/2	4,715	1/2		1/2		1/2		1/2		1/2	
3/4	427	3/4	1,506	3/4	2,585	3/4	3,663	3/4	4,737	3/4		3/4		3/4		3/4		3/4	
5	450	5	1,528	5	2,607	5	3,686	5	4,759	5		5		5		5		5	
1/4	472	1/4	1,551	1/4	2,629	1/4	3,708	1/4	4,781	1/4		1/4		1/4		1/4		1/4	
1/2	494	1/2	1,573	1/2	2,652	1/2	3,731	1/2	4,803	1/2		1/2		1/2		1/2		1/2	
3/4	517	3/4	1,596	3/4	2,674	3/4	3,753	3/4	4,826	3/4		3/4		3/4		3/4		3/4	
6	539	6	1,618	6	2,697	6	3,776	6	4,848	6		6		6		6		6	
1/4	562	1/4	1,641	1/4	2,719	1/4	3,798	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	584	1/2	1,663	1/2	2,742	1/2	3,821	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	607	3/4	1,686	3/4	2,764	3/4	3,843	3/4		3/4		3/4		3/4		3/4		3/4	
7	629	7	1,708	7	2,787	7	3,866	7		7		7		7		7		7	
1/4	652	1/4	1,731	1/4	2,809	1/4	3,888	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	674	1/2	1,753	1/2	2,832	1/2	3,911	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	697	3/4	1,775	3/4	2,854	3/4	3,933	3/4		3/4		3/4		3/4		3/4		3/4	
8	719	8	1,798	8	2,877	8	3,955	8		8		8		8		8		8	
1/4	742	1/4	1,820	1/4	2,899	1/4	3,978	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	764	1/2	1,843	1/2	2,922	1/2	4,000	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	787	3/4	1,865	3/4	2,944	3/4	4,023	3/4		3/4		3/4		3/4		3/4		3/4	
9	809	9	1,888	9	2,967	9	4,045	9		9		9		9		9		9	
1/4	832	1/4	1,910	1/4	2,989	1/4	4,068	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	854	1/2	1,933	1/2	3,012	1/2	4,090	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	877	3/4	1,955	3/4	3,034	3/4	4,113	3/4		3/4		3/4		3/4		3/4		3/4	
10	899	10	1,978	10	3,057	10	4,135	10		10		10		10		10		10	
1/4	921	1/4	2,000	1/4	3,079	1/4	4,158	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	944	1/2	2,023	1/2	3,101	1/2	4,180	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	966	3/4	2,045	3/4	3,124	3/4	4,203	3/4		3/4		3/4		3/4		3/4		3/4	
11	989	11	2,068	11	3,146	11	4,225	11		11		11		11		11		11	
1/4	1,011	1/4	2,090	1/4	3,169	1/4	4,248	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,034	1/2	2,113	1/2	3,191	1/2	4,270	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,056	3/4	2,135	3/4	3,214	3/4	4,293	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 AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES

STRAPPED: 07/21/2014 SW
CALCULATED: 07/21/2014 CL
PRINTED: 07/21/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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