



BARGE "CTC 29651"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3016"

GAUGE HEIGHT 16-01 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	11.15	0	283.26	0	633.25	0	962.57	0	1,291.98	0	1,621.38	0	1,950.79	0	2,280.19	0	2,609.60	0	2,939.00
1/4	14.52	1/4	289.68	1/4	640.12	1/4	969.44	1/4	1,298.84	1/4	1,628.24	1/4	1,957.65	1/4	2,287.05	1/4	2,616.46	1/4	2,945.86
1/2	17.89	1/2	296.10	1/2	646.98	1/2	976.30	1/2	1,305.71	1/2	1,635.11	1/2	1,964.51	1/2	2,293.92	1/2	2,623.33	1/2	2,952.73
3/4	21.26	3/4	302.52	3/4	653.85	3/4	983.17	3/4	1,312.57	3/4	1,641.97	3/4	1,971.38	3/4	2,300.78	3/4	2,630.19	3/4	2,959.59
1	24.63	1	308.94	1	660.71	1	990.03	1	1,319.43	1	1,648.83	1	1,978.24	1	2,307.64	1	2,637.05	1	2,966.45
1/4	29.41	1/4	315.44	1/4	667.57	1/4	996.89	1/4	1,326.29	1/4	1,655.70	1/4	1,985.10	1/4	2,314.50	1/4	2,643.91	1/4	2,973.31
1/2	34.20	1/2	321.93	1/2	674.43	1/2	1,003.76	1/2	1,333.16	1/2	1,662.56	1/2	1,991.96	1/2	2,321.37	1/2	2,650.78	1/2	2,980.18
3/4	38.98	3/4	328.43	3/4	681.29	3/4	1,010.62	3/4	1,340.02	3/4	1,669.43	3/4	1,998.83	3/4	2,328.23	3/4	2,657.64	3/4	2,987.04
2	43.76	2	334.92	2	688.15	2	1,017.48	2	1,346.88	2	1,676.29	2	2,005.69	2	2,335.09	2	2,664.50	2	2,993.90
1/4	49.34	1/4	341.49	1/4	695.01	1/4	1,024.34	1/4	1,353.74	1/4	1,683.15	1/4	2,012.55	1/4	2,341.96	1/4	2,671.36	1/4	3,000.76
1/2	54.93	1/2	348.07	1/2	701.87	1/2	1,031.21	1/2	1,360.59	1/2	1,690.02	1/2	2,019.41	1/2	2,348.82	1/2	2,678.23	1/2	3,007.63
3/4	60.51	3/4	354.64	3/4	708.73	3/4	1,038.07	3/4	1,367.45	3/4	1,696.88	3/4	2,026.28	3/4	2,355.69	3/4	2,685.09	3/4	3,014.49
3	66.09	3	361.21	3	715.59	3	1,044.93	3	1,374.30	3	1,703.74	3	2,033.14	3	2,362.55	3	2,691.95	3	3,021.35
1/4	71.79	1/4	367.86	1/4	722.45	1/4	1,051.79	1/4	1,381.17	1/4	1,710.60	1/4	2,040.00	1/4	2,369.41	1/4	2,698.81	1/4	3,028.22
1/2	77.48	1/2	374.51	1/2	729.31	1/2	1,058.66	1/2	1,388.04	1/2	1,717.47	1/2	2,046.86	1/2	2,376.28	1/2	2,705.68	1/2	3,035.08
3/4	83.18	3/4	381.15	3/4	736.17	3/4	1,065.52	3/4	1,394.91	3/4	1,724.33	3/4	2,053.73	3/4	2,383.14	3/4	2,712.54	3/4	3,041.95
4	88.87	4	387.80	4	743.03	4	1,072.38	4	1,401.78	4	1,731.19	4	2,060.59	4	2,390.00	4	2,719.40	4	3,048.81
1/4	94.66	1/4	394.52	1/4	749.89	1/4	1,079.99	1/4	1,408.64	1/4	1,738.05	1/4	2,067.45	1/4	2,396.86	1/4	2,726.26	1/4	3,055.67
1/2	100.45	1/2	401.25	1/2	756.75	1/2	1,081.61	1/2	1,415.51	1/2	1,744.92	1/2	2,074.31	1/2	2,403.73	1/2	2,733.13	1/2	3,062.54
3/4	106.24	3/4	407.97	3/4	763.61	3/4	1,086.22	3/4	1,422.37	3/4	1,751.78	3/4	2,081.18	3/4	2,410.59	3/4	2,739.99	3/4	3,069.40
5	112.03	5	414.69	5	770.47	5	1,090.83	5	1,429.23	5	1,758.64	5	2,088.04	5	2,417.45	5	2,746.85	5	3,076.26
1/4	117.91	1/4	428.30	1/4	777.33	1/4	1,099.94	1/4	1,436.09	1/4	1,765.50	1/4	2,094.90	1/4	2,424.31	1/4	2,753.71	1/4	3,083.12
1/2	123.79	1/2	441.91	1/2	784.19	1/2	1,109.06	1/2	1,442.96	1/2	1,772.37	1/2	2,101.77	1/2	2,431.18	1/2	2,760.58	1/2	3,089.99
3/4	129.67	3/4	455.52	3/4	791.05	3/4	1,118.17	3/4	1,449.82	3/4	1,779.23	3/4	2,108.63	3/4	2,438.04	3/4	2,767.44	3/4	3,096.85
6	135.55	6	469.13	6	797.91	6	1,127.28	6	1,456.68	6	1,786.09	6	2,115.49	6	2,444.90	6	2,774.30	6	3,103.71
1/4	141.51	1/4	475.94	1/4	804.77	1/4	1,134.14	1/4	1,463.54	1/4	1,792.95	1/4	2,122.35	1/4	2,451.76	1/4	2,781.16	1/4	3,110.57
1/2	147.48	1/2	482.76	1/2	811.63	1/2	1,141.01	1/2	1,470.41	1/2	1,799.82	1/2	2,129.22	1/2	2,458.63	1/2	2,788.03	1/2	3,117.44
3/4	153.44	3/4	489.57	3/4	818.49	3/4	1,147.87	3/4	1,477.27	3/4	1,806.68	3/4	2,136.08	3/4	2,465.49	3/4	2,794.89	3/4	3,124.30
7	159.40	7	496.38	7	825.35	7	1,154.73	7	1,484.13	7	1,813.54	7	2,142.94	7	2,472.35	7	2,801.75	7	3,131.16
1/4	165.44	1/4	503.19	1/4	832.21	1/4	1,161.59	1/4	1,490.99	1/4	1,820.40	1/4	2,149.80	1/4	2,479.21	1/4	2,808.61	1/4	3,138.02
1/2	171.48	1/2	510.01	1/2	839.07	1/2	1,168.46	1/2	1,497.86	1/2	1,827.27	1/2	2,156.67	1/2	2,486.08	1/2	2,815.48	1/2	3,144.89
3/4	177.52	3/4	516.82	3/4	845.93	3/4	1,175.32	3/4	1,504.72	3/4	1,834.13	3/4	2,163.53	3/4	2,492.94	3/4	2,822.34	3/4	3,151.75
8	183.56	8	523.63	8	852.79	8	1,182.18	8	1,511.58	8	1,840.99	8	2,170.39	8	2,499.80	8	2,829.20	8	3,158.61
1/4	189.68	1/4	530.44	1/4	859.65	1/4	1,189.04	1/4	1,518.44	1/4	1,847.85	1/4	2,177.25	1/4	2,506.66	1/4	2,836.06	1/4	3,165.47
1/2	195.80	1/2	537.26	1/2	866.51	1/2	1,195.91	1/2	1,525.31	1/2	1,854.72	1/2	2,184.12	1/2	2,513.53	1/2	2,842.93	1/2	3,172.34
3/4	201.91	3/4	544.07	3/4	873.37	3/4	1,202.77	3/4	1,532.17	3/4	1,861.58	3/4	2,190.98	3/4	2,520.39	3/4	2,849.79	3/4	3,179.20
9	208.03	9	550.88	9	880.23	9	1,209.63	9	1,539.03	9	1,868.44	9	2,197.84	9	2,527.25	9	2,856.65	9	3,186.06
1/4	214.23	1/4	557.75	1/4	887.09	1/4	1,216.49	1/4	1,545.89	1/4	1,875.30	1/4	2,204.70	1/4	2,534.11	1/4	2,863.51	1/4	3,192.92
1/2	220.42	1/2	564.61	1/2	893.95	1/2	1,223.36	1/2	1,552.76	1/2	1,882.17	1/2	2,211.57	1/2	2,540.98	1/2	2,870.38	1/2	3,199.79
3/4	226.62	3/4	571.48	3/4	900.81	3/4	1,230.22	3/4	1,559.62	3/4	1,889.03	3/4	2,218.43	3/4	2,547.84	3/4	2,877.24	3/4	3,206.65
10	232.81	10	578.34	10	907.67	10	1,237.08	10	1,566.48	10	1,895.89	10	2,225.29	10	2,554.70	10	2,884.10	10	3,213.51
1/4	239.08	1/4	585.20	1/4	914.53	1/4	1,243.94	1/4	1,573.34	1/4	1,902.75	1/4	2,232.15	1/4	2,561.56	1/4	2,890.96	1/4	3,220.37
1/2	245.35	1/2	592.07	1/2	921.39	1/2	1,250.81	1/2	1,580.21	1/2	1,909.62	1/2	2,239.02	1/2	2,568.43	1/2	2,897.83	1/2	3,227.24
3/4	251.61	3/4	598.93	3/4	928.25	3/4	1,257.67	3/4	1,587.07	3/4	1,916.48	3/4	2,245.88	3/4	2,575.29	3/4	2,904.69	3/4	3,234.10
11	257.88	11	605.79	11	935.11	11	1,264.53	11	1,593.93	11	1,923.34	11	2,252.74	11	2,582.15	11	2,911.55	11	3,240.96
1/4	264.23	1/4	612.66	1/4	941.98	1/4	1,271.39	1/4	1,600.79	1/4	1,930.20	1/4	2,259.60	1/4	2,589.01	1/4	2,918.41	1/4	3,247.82
1/2	270.57	1/2	619.52	1/2	948.84	1/2	1,278.26	1/2	1,607.66	1/2	1,937.06	1/2	2,266.47	1/2	2,595.88	1/2	2,925.28	1/2	3,254.69
3/4	276.92	3/4	626.39	3/4	955.71	3/4	1,285.12	3/4	1,614.52	3/4	1,943.93	3/4	2,273.33	3/4	2,602.74	3/4	2,932.14	3/4	3,261.55

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.
GAUGE POINT: RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "CTC 29651"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3016"

GAUGE HEIGHT 16-01 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	3,268.41	0	3,597.81	0	3,927.22	0	4,255.04	0	4,582.09	0		0		0		0		0	
1/4	3,275.27	1/4	3,604.67	1/4	3,934.08	1/4	4,261.86	1/4	4,588.81	1/4		1/4		1/4		1/4		1/4	
1/2	3,282.14	1/2	3,611.54	1/2	3,940.95	1/2	4,268.69	1/2	4,595.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,289.00	3/4	3,618.40	3/4	3,947.81	3/4	4,275.51	3/4	4,602.24	3/4		3/4		3/4		3/4		3/4	
1	3,295.86	1	3,625.26	1	3,954.67	1	4,282.33	1	4,608.96	1		1		1		1		1	
1/4	3,302.72	1/4	3,632.12	1/4	3,961.53	1/4	4,289.15	1/4	4,615.66	1/4		1/4		1/4		1/4		1/4	
1/2	3,309.59	1/2	3,638.99	1/2	3,968.40	1/2	4,295.98	1/2	4,622.35	1/2		1/2		1/2		1/2		1/2	
3/4	3,316.45	3/4	3,645.85	3/4	3,975.26	3/4	4,302.80	3/4	4,629.05	3/4		3/4		3/4		3/4		3/4	
2	3,323.31	2	3,652.71	2	3,982.12	2	4,309.62	2	4,635.74	2		2		2		2		2	
1/4	3,330.17	1/4	3,659.57	1/4	3,988.94	1/4	4,316.44	1/4	4,642.41	1/4		1/4		1/4		1/4		1/4	
1/2	3,337.04	1/2	3,666.44	1/2	3,995.77	1/2	4,323.27	1/2	4,649.08	1/2		1/2		1/2		1/2		1/2	
3/4	3,343.90	3/4	3,673.30	3/4	4,002.59	3/4	4,330.09	3/4	4,655.74	3/4		3/4		3/4		3/4		3/4	
3	3,350.76	3	3,680.16	3	4,009.41	3	4,336.91	3	4,662.41	3		3		3		3		3	
1/4	3,357.62	1/4	3,687.02	1/4	4,016.23	1/4	4,343.74	1/4	4,669.05	1/4		1/4		1/4		1/4		1/4	
1/2	3,364.49	1/2	3,693.89	1/2	4,023.06	1/2	4,350.57	1/2	4,675.70	1/2		1/2		1/2		1/2		1/2	
3/4	3,371.35	3/4	3,700.75	3/4	4,029.88	3/4	4,357.39	3/4	4,682.34	3/4		3/4		3/4		3/4		3/4	
4	3,378.21	4	3,707.61	4	4,036.70	4	4,364.22	4	4,688.98	4		4		4		4		4	
1/4	3,385.07	1/4	3,714.48	1/4	4,043.52	1/4	4,371.05	1/4	4,695.05	1/4		1/4		1/4		1/4		1/4	
1/2	3,391.94	1/2	3,721.34	1/2	4,050.35	1/2	4,377.87	1/2	4,701.12	1/2		1/2		1/2		1/2		1/2	
3/4	3,398.80	3/4	3,728.21	3/4	4,057.17	3/4	4,384.70	3/4	4,707.19	3/4		3/4		3/4		3/4		3/4	
5	3,405.66	5	3,735.07	5	4,063.99	5	4,391.52	5	4,713.26	5		5		5		5		5	
1/4	3,412.52	1/4	3,741.93	1/4	4,070.82	1/4	4,398.35	1/4	4,718.21	1/4		1/4		1/4		1/4		1/4	
1/2	3,419.39	1/2	3,748.80	1/2	4,077.64	1/2	4,405.17	1/2	4,723.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,426.25	3/4	3,755.66	3/4	4,084.47	3/4	4,412.00	3/4	4,728.12	3/4		3/4		3/4		3/4		3/4	
6	3,433.11	6	3,762.52	6	4,091.29	6	4,418.82	6	4,733.07	6		6		6		6		6	
1/4	3,439.97	1/4	3,769.38	1/4	4,098.11	1/4	4,425.65	1/4	4,736.91	1/4		1/4		1/4		1/4		1/4	
1/2	3,446.84	1/2	3,776.25	1/2	4,104.94	1/2	4,432.47	1/2	4,740.74	1/2		1/2		1/2		1/2		1/2	
3/4	3,453.70	3/4	3,783.11	3/4	4,111.76	3/4	4,439.30	3/4	4,744.58	3/4		3/4		3/4		3/4		3/4	
7	3,460.56	7	3,789.97	7	4,118.58	7	4,446.12	7	4,748.41	7		7		7		7		7	
1/4	3,467.42	1/4	3,796.83	1/4	4,125.40	1/4	4,452.95	1/4	4,751.12	1/4		1/4		1/4		1/4		1/4	
1/2	3,474.29	1/2	3,803.70	1/2	4,132.23	1/2	4,459.77	1/2	4,753.84	1/2		1/2		1/2		1/2		1/2	
3/4	3,481.15	3/4	3,810.56	3/4	4,139.05	3/4	4,466.60	3/4	4,756.55	3/4		3/4		3/4		3/4		3/4	
8	3,488.01	8	3,817.42	8	4,145.87	8	4,473.42	8	4,759.26	8		8		8		8		8	
1/4	3,494.87	1/4	3,824.28	1/4	4,152.69	1/4	4,480.25	1/4	4,760.86	1/4		1/4		1/4		1/4		1/4	
1/2	3,501.74	1/2	3,831.15	1/2	4,159.52	1/2	4,487.07	1/2	4,762.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,508.60	3/4	3,838.01	3/4	4,166.34	3/4	4,493.90	3/4	4,764.05	3/4		3/4		3/4		3/4		3/4	
9	3,515.46	9	3,844.87	9	4,173.16	9	4,500.72	9	4,765.65	9		9		9		9		9	
1/4	3,522.32	1/4	3,851.73	1/4	4,179.98	1/4	4,507.55	1/4	4,766.15	1/4		1/4		1/4		1/4		1/4	
1/2	3,529.19	1/2	3,858.60	1/2	4,186.81	1/2	4,514.38	1/2	4,766.64	1/2		1/2		1/2		1/2		1/2	
3/4	3,536.05	3/4	3,865.46	3/4	4,193.63	3/4	4,521.20	3/4	4,767.14	3/4		3/4		3/4		3/4		3/4	
10	3,542.91	10	3,872.32	10	4,200.45	10	4,528.03	10	4,767.63	10		10		10		10		10	
1/4	3,549.77	1/4	3,879.18	1/4	4,207.28	1/4	4,534.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,556.64	1/2	3,886.05	1/2	4,214.10	1/2	4,541.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,563.50	3/4	3,892.91	3/4	4,220.93	3/4	4,548.34	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,570.36	11	3,899.77	11	4,227.75	11	4,555.11	11		11		11		11		11		11	
1/4	3,577.22	1/4	3,906.63	1/4	4,234.57	1/4	4,561.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,584.09	1/2	3,913.50	1/2	4,241.40	1/2	4,568.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,590.95	3/4	3,920.36	3/4	4,248.22	3/4	4,575.35	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/13/2015 JMF
RECOMPUTED: 03/31/2023 JS
NAME CHANGE: 03/31/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

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



BARGE "CTC 29651"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3016"

GAUGE HEIGHT 16-02"

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	11.15	0	283.19	0	633.71	0	962.73	0	1,292.07	0	1,621.40	0	1,950.73	0	2,280.07	0	2,609.40	0	2,938.73
1/4	14.52	1/4	289.61	1/4	640.57	1/4	969.59	1/4	1,298.93	1/4	1,628.26	1/4	1,957.59	1/4	2,286.93	1/4	2,616.26	1/4	2,945.59
1/2	17.89	1/2	296.03	1/2	647.44	1/2	976.45	1/2	1,305.79	1/2	1,635.12	1/2	1,964.45	1/2	2,293.79	1/2	2,623.12	1/2	2,952.46
3/4	21.25	3/4	302.45	3/4	654.30	3/4	983.32	3/4	1,312.65	3/4	1,641.99	3/4	1,971.32	3/4	2,300.65	3/4	2,629.98	3/4	2,959.32
1	24.62	1	308.87	1	661.16	1	990.18	1	1,319.51	1	1,648.85	1	1,978.18	1	2,307.51	1	2,636.84	1	2,966.18
1/4	29.40	1/4	315.36	1/4	668.02	1/4	997.04	1/4	1,326.37	1/4	1,655.71	1/4	1,985.04	1/4	2,314.37	1/4	2,643.70	1/4	2,973.04
1/2	34.19	1/2	321.86	1/2	674.87	1/2	1,003.90	1/2	1,333.24	1/2	1,662.57	1/2	1,991.90	1/2	2,321.23	1/2	2,650.57	1/2	2,979.90
3/4	38.97	3/4	328.35	3/4	681.73	3/4	1,010.76	3/4	1,340.10	3/4	1,669.43	3/4	1,998.76	3/4	2,328.10	3/4	2,657.43	3/4	2,986.76
2	43.75	2	334.84	2	688.58	2	1,017.62	2	1,346.96	2	1,676.29	2	2,005.62	2	2,334.96	2	2,664.29	2	2,993.62
1/4	49.33	1/4	341.41	1/4	695.43	1/4	1,024.48	1/4	1,353.82	1/4	1,683.15	1/4	2,012.48	1/4	2,341.82	1/4	2,671.15	1/4	3,000.48
1/2	54.91	1/2	347.98	1/2	702.29	1/2	1,031.35	1/2	1,360.68	1/2	1,690.01	1/2	2,019.34	1/2	2,348.68	1/2	2,678.01	1/2	3,007.35
3/4	60.49	3/4	354.55	3/4	709.14	3/4	1,038.21	3/4	1,367.54	3/4	1,696.87	3/4	2,026.21	3/4	2,355.54	3/4	2,684.87	3/4	3,014.21
3	66.07	3	361.12	3	715.99	3	1,045.07	3	1,374.40	3	1,703.73	3	2,033.07	3	2,362.40	3	2,691.73	3	3,021.07
1/4	71.77	1/4	367.77	1/4	722.84	1/4	1,051.93	1/4	1,381.26	1/4	1,710.59	1/4	2,039.93	1/4	2,369.26	1/4	2,698.59	1/4	3,027.93
1/2	77.46	1/2	374.41	1/2	729.69	1/2	1,058.79	1/2	1,388.13	1/2	1,717.45	1/2	2,046.79	1/2	2,376.12	1/2	2,705.46	1/2	3,034.79
3/4	83.16	3/4	381.06	3/4	736.55	3/4	1,065.65	3/4	1,394.99	3/4	1,724.32	3/4	2,053.65	3/4	2,382.98	3/4	2,712.32	3/4	3,041.65
4	88.85	4	387.70	4	743.40	4	1,072.51	4	1,401.85	4	1,731.18	4	2,060.51	4	2,389.84	4	2,719.18	4	3,048.51
1/4	94.64	1/4	394.42	1/4	750.25	1/4	1,079.37	1/4	1,408.71	1/4	1,738.04	1/4	2,067.37	1/4	2,396.70	1/4	2,726.04	1/4	3,055.37
1/2	100.43	1/2	401.15	1/2	757.11	1/2	1,086.24	1/2	1,415.57	1/2	1,744.90	1/2	2,074.23	1/2	2,403.57	1/2	2,732.90	1/2	3,062.23
3/4	106.22	3/4	407.87	3/4	763.96	3/4	1,093.10	3/4	1,422.43	3/4	1,751.76	3/4	2,081.10	3/4	2,410.43	3/4	2,739.76	3/4	3,069.09
5	112.01	5	414.59	5	770.82	5	1,099.96	5	1,429.29	5	1,758.62	5	2,087.96	5	2,417.29	5	2,746.62	5	3,075.95
1/4	117.89	1/4	428.24	1/4	777.67	1/4	1,106.82	1/4	1,436.15	1/4	1,765.48	1/4	2,094.82	1/4	2,424.15	1/4	2,753.48	1/4	3,082.81
1/2	123.77	1/2	441.88	1/2	784.52	1/2	1,113.68	1/2	1,443.01	1/2	1,772.34	1/2	2,101.68	1/2	2,431.01	1/2	2,760.35	1/2	3,089.68
3/4	129.64	3/4	455.53	3/4	791.38	3/4	1,120.54	3/4	1,449.88	3/4	1,779.21	3/4	2,108.54	3/4	2,437.87	3/4	2,767.21	3/4	3,096.54
6	135.52	6	469.17	6	798.23	6	1,127.40	6	1,456.74	6	1,786.07	6	2,115.40	6	2,444.73	6	2,774.07	6	3,103.40
1/4	141.48	1/4	476.02	1/4	805.08	1/4	1,134.26	1/4	1,463.60	1/4	1,792.93	1/4	2,122.26	1/4	2,451.59	1/4	2,780.93	1/4	3,110.26
1/2	147.44	1/2	482.87	1/2	811.94	1/2	1,141.13	1/2	1,470.46	1/2	1,799.79	1/2	2,129.12	1/2	2,458.46	1/2	2,787.79	1/2	3,117.12
3/4	153.40	3/4	489.71	3/4	818.79	3/4	1,147.99	3/4	1,477.32	3/4	1,806.65	3/4	2,135.99	3/4	2,465.32	3/4	2,794.65	3/4	3,123.98
7	159.36	7	496.56	7	825.65	7	1,154.85	7	1,484.18	7	1,813.51	7	2,142.85	7	2,472.18	7	2,801.51	7	3,130.84
1/4	165.40	1/4	503.41	1/4	832.50	1/4	1,161.71	1/4	1,491.04	1/4	1,820.37	1/4	2,149.71	1/4	2,479.04	1/4	2,808.37	1/4	3,137.70
1/2	171.44	1/2	510.26	1/2	839.35	1/2	1,168.57	1/2	1,497.90	1/2	1,827.23	1/2	2,156.57	1/2	2,485.90	1/2	2,815.24	1/2	3,144.57
3/4	177.48	3/4	517.11	3/4	846.21	3/4	1,175.43	3/4	1,504.76	3/4	1,834.10	3/4	2,163.43	3/4	2,492.76	3/4	2,822.10	3/4	3,151.43
8	183.52	8	523.96	8	853.06	8	1,182.29	8	1,511.62	8	1,840.96	8	2,170.29	8	2,499.62	8	2,828.96	8	3,158.29
1/4	189.64	1/4	530.81	1/4	859.91	1/4	1,189.15	1/4	1,518.48	1/4	1,847.82	1/4	2,177.15	1/4	2,506.48	1/4	2,835.82	1/4	3,165.15
1/2	195.75	1/2	537.66	1/2	866.77	1/2	1,196.02	1/2	1,525.34	1/2	1,854.68	1/2	2,184.01	1/2	2,513.35	1/2	2,842.68	1/2	3,172.01
3/4	201.87	3/4	544.50	3/4	873.62	3/4	1,202.88	3/4	1,532.21	3/4	1,861.54	3/4	2,190.87	3/4	2,520.21	3/4	2,849.54	3/4	3,178.87
9	207.98	9	551.35	9	880.48	9	1,209.74	9	1,539.07	9	1,868.40	9	2,197.73	9	2,527.07	9	2,856.40	9	3,185.73
1/4	214.17	1/4	558.22	1/4	887.33	1/4	1,216.60	1/4	1,545.93	1/4	1,875.26	1/4	2,204.59	1/4	2,533.93	1/4	2,863.26	1/4	3,192.59
1/2	220.37	1/2	565.08	1/2	894.18	1/2	1,223.46	1/2	1,552.79	1/2	1,882.12	1/2	2,211.45	1/2	2,540.79	1/2	2,870.12	1/2	3,199.46
3/4	226.56	3/4	571.95	3/4	901.04	3/4	1,230.32	3/4	1,559.65	3/4	1,888.99	3/4	2,218.32	3/4	2,547.65	3/4	2,876.98	3/4	3,206.32
10	232.75	10	578.81	10	907.89	10	1,237.18	10	1,566.51	10	1,895.85	10	2,225.18	10	2,554.51	10	2,883.84	10	3,213.18
1/4	239.02	1/4	585.67	1/4	914.74	1/4	1,244.04	1/4	1,573.37	1/4	1,902.71	1/4	2,232.04	1/4	2,561.37	1/4	2,890.70	1/4	3,220.04
1/2	245.29	1/2	592.54	1/2	921.60	1/2	1,250.90	1/2	1,580.23	1/2	1,909.57	1/2	2,238.90	1/2	2,568.24	1/2	2,897.57	1/2	3,226.90
3/4	251.55	3/4	599.40	3/4	928.45	3/4	1,257.76	3/4	1,587.10	3/4	1,916.43	3/4	2,245.76	3/4	2,575.10	3/4	2,904.43	3/4	3,233.76
11	257.82	11	606.26	11	935.31	11	1,264.62	11	1,593.96	11	1,923.29	11	2,252.62	11	2,581.96	11	2,911.29	11	3,240.62
1/4	264.16	1/4	613.12	1/4	942.16	1/4	1,271.48	1/4	1,600.82	1/4	1,930.15	1/4	2,259.48	1/4	2,588.82	1/4	2,918.15	1/4	3,247.48
1/2	270.51	1/2	619.99	1/2	949.02	1/2	1,278.35	1/2	1,607.68	1/2	1,937.01	1/2	2,266.34	1/2	2,595.68	1/2	2,925.01	1/2	3,254.35
3/4	276.85	3/4	626.85	3/4	955.87	3/4	1,285.21	3/4	1,614.54	3/4	1,943.87	3/4	2,273.21	3/4	2,602.54	3/4	2,931.87	3/4	3,261.21

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.
GAUGE POINT: RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK.

PRECISION MEASUREMENT
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BARGE "CTC 29651"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3016"

GAUGE HEIGHT 16-02"

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	3,268.07	0	3,597.40	0	3,926.73	0	4,254.36	0	4,580.93	0		0		0		0		0	
1/4	3,274.93	1/4	3,604.26	1/4	3,933.59	1/4	4,261.18	1/4	4,587.64	1/4		1/4		1/4		1/4		1/4	
1/2	3,281.79	1/2	3,611.12	1/2	3,940.46	1/2	4,268.00	1/2	4,594.34	1/2		1/2		1/2		1/2		1/2	
3/4	3,288.65	3/4	3,617.98	3/4	3,947.32	3/4	4,274.81	3/4	4,601.05	3/4		3/4		3/4		3/4		3/4	
1	3,295.51	1	3,624.84	1	3,954.18	1	4,281.63	1	4,607.75	1		1		1		1		1	
1/4	3,302.37	1/4	3,631.70	1/4	3,961.04	1/4	4,288.45	1/4	4,614.43	1/4		1/4		1/4		1/4		1/4	
1/2	3,309.23	1/2	3,638.57	1/2	3,967.90	1/2	4,295.27	1/2	4,621.11	1/2		1/2		1/2		1/2		1/2	
3/4	3,316.09	3/4	3,645.43	3/4	3,974.76	3/4	4,302.08	3/4	4,627.79	3/4		3/4		3/4		3/4		3/4	
2	3,322.95	2	3,652.29	2	3,981.62	2	4,308.90	2	4,634.47	2		2		2		2		2	
1/4	3,329.81	1/4	3,659.15	1/4	3,988.44	1/4	4,315.72	1/4	4,641.13	1/4		1/4		1/4		1/4		1/4	
1/2	3,336.68	1/2	3,666.01	1/2	3,995.26	1/2	4,322.54	1/2	4,647.78	1/2		1/2		1/2		1/2		1/2	
3/4	3,343.54	3/4	3,672.87	3/4	4,002.07	3/4	4,329.36	3/4	4,654.44	3/4		3/4		3/4		3/4		3/4	
3	3,350.40	3	3,679.73	3	4,008.89	3	4,336.18	3	4,661.09	3		3		3		3		3	
1/4	3,357.26	1/4	3,686.59	1/4	4,015.71	1/4	4,342.99	1/4	4,667.72	1/4		1/4		1/4		1/4		1/4	
1/2	3,364.12	1/2	3,693.46	1/2	4,022.53	1/2	4,349.81	1/2	4,674.35	1/2		1/2		1/2		1/2		1/2	
3/4	3,370.98	3/4	3,700.32	3/4	4,029.35	3/4	4,356.62	3/4	4,680.98	3/4		3/4		3/4		3/4		3/4	
4	3,377.84	4	3,707.18	4	4,036.17	4	4,363.43	4	4,687.61	4		4		4		4		4	
1/4	3,384.70	1/4	3,714.04	1/4	4,042.99	1/4	4,370.25	1/4	4,693.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,391.57	1/2	3,720.90	1/2	4,049.81	1/2	4,377.06	1/2	4,700.24	1/2		1/2		1/2		1/2		1/2	
3/4	3,398.43	3/4	3,727.76	3/4	4,056.62	3/4	4,383.88	3/4	4,706.55	3/4		3/4		3/4		3/4		3/4	
5	3,405.29	5	3,734.62	5	4,063.44	5	4,390.69	5	4,712.86	5		5		5		5		5	
1/4	3,412.15	1/4	3,741.48	1/4	4,070.26	1/4	4,397.51	1/4	4,718.09	1/4		1/4		1/4		1/4		1/4	
1/2	3,419.01	1/2	3,748.34	1/2	4,077.08	1/2	4,404.32	1/2	4,723.33	1/2		1/2		1/2		1/2		1/2	
3/4	3,425.87	3/4	3,755.20	3/4	4,083.89	3/4	4,411.14	3/4	4,728.56	3/4		3/4		3/4		3/4		3/4	
6	3,432.73	6	3,762.06	6	4,090.71	6	4,417.95	6	4,733.79	6		6		6		6		6	
1/4	3,439.59	1/4	3,768.92	1/4	4,097.53	1/4	4,424.77	1/4	4,737.90	1/4		1/4		1/4		1/4		1/4	
1/2	3,446.46	1/2	3,775.79	1/2	4,104.35	1/2	4,431.58	1/2	4,742.02	1/2		1/2		1/2		1/2		1/2	
3/4	3,453.32	3/4	3,782.65	3/4	4,111.17	3/4	4,438.40	3/4	4,746.13	3/4		3/4		3/4		3/4		3/4	
7	3,460.18	7	3,789.51	7	4,117.99	7	4,445.21	7	4,750.24	7		7		7		7		7	
1/4	3,467.04	1/4	3,796.37	1/4	4,124.81	1/4	4,452.02	1/4	4,753.24	1/4		1/4		1/4		1/4		1/4	
1/2	3,473.90	1/2	3,803.23	1/2	4,131.63	1/2	4,458.84	1/2	4,756.23	1/2		1/2		1/2		1/2		1/2	
3/4	3,480.76	3/4	3,810.09	3/4	4,138.44	3/4	4,465.65	3/4	4,759.23	3/4		3/4		3/4		3/4		3/4	
8	3,487.62	8	3,816.95	8	4,145.26	8	4,472.46	8	4,762.22	8		8		8		8		8	
1/4	3,494.48	1/4	3,823.81	1/4	4,152.08	1/4	4,479.28	1/4	4,764.10	1/4		1/4		1/4		1/4		1/4	
1/2	3,501.35	1/2	3,830.68	1/2	4,158.90	1/2	4,486.09	1/2	4,765.97	1/2		1/2		1/2		1/2		1/2	
3/4	3,508.21	3/4	3,837.54	3/4	4,165.72	3/4	4,492.91	3/4	4,767.85	3/4		3/4		3/4		3/4		3/4	
9	3,515.07	9	3,844.40	9	4,172.54	9	4,499.72	9	4,769.72	9		9		9		9		9	
1/4	3,521.93	1/4	3,851.26	1/4	4,179.36	1/4	4,506.54	1/4	4,770.48	1/4		1/4		1/4		1/4		1/4	
1/2	3,528.79	1/2	3,858.12	1/2	4,186.18	1/2	4,513.35	1/2	4,771.24	1/2		1/2		1/2		1/2		1/2	
3/4	3,535.65	3/4	3,864.98	3/4	4,192.99	3/4	4,520.17	3/4	4,771.99	3/4		3/4		3/4		3/4		3/4	
10	3,542.51	10	3,871.84	10	4,199.81	10	4,526.98	10	4,772.75	10		10		10		10		10	
1/4	3,549.37	1/4	3,878.70	1/4	4,206.63	1/4	4,533.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,556.23	1/2	3,885.57	1/2	4,213.45	1/2	4,540.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,563.09	3/4	3,892.43	3/4	4,220.26	3/4	4,547.25	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,569.95	11	3,899.29	11	4,227.08	11	4,554.00	11		11		11		11		11		11	
1/4	3,576.81	1/4	3,906.15	1/4	4,233.90	1/4	4,560.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,583.68	1/2	3,913.01	1/2	4,240.72	1/2	4,567.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,590.54	3/4	3,919.87	3/4	4,247.54	3/4	4,574.20	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/13/2015 JMF
RECOMPUTED: 03/31/2023 JS
NAME CHANGE: 03/31/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

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



BARGE "CTC 29651"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3016"

GAUGE HEIGHT 16-01 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	14.82	0	349.43	0	700.50	0	1,051.39	0	1,402.48	0	1,753.57	0	2,104.66	0	2,455.75	0	2,806.84	0	3,157.86
1/4	19.29	1/4	356.75	1/4	707.82	1/4	1,058.71	1/4	1,409.79	1/4	1,760.89	1/4	2,111.98	1/4	2,463.07	1/4	2,814.16	1/4	3,165.17
1/2	23.76	1/2	364.06	1/2	715.13	1/2	1,066.02	1/2	1,417.11	1/2	1,768.20	1/2	2,119.29	1/2	2,470.38	1/2	2,821.47	1/2	3,172.49
3/4	28.22	3/4	371.38	3/4	722.45	3/4	1,073.34	3/4	1,424.42	3/4	1,775.52	3/4	2,126.61	3/4	2,477.70	3/4	2,828.79	3/4	3,179.80
1	32.69	1	378.69	1	729.76	1	1,080.65	1	1,431.73	1	1,782.83	1	2,133.92	1	2,485.01	1	2,835.10	1	3,187.11
1/4	38.95	1/4	386.00	1/4	737.07	1/4	1,087.96	1/4	1,439.05	1/4	1,790.14	1/4	2,141.23	1/4	2,492.33	1/4	2,843.42	1/4	3,194.42
1/2	45.21	1/2	393.32	1/2	744.39	1/2	1,095.28	1/2	1,446.36	1/2	1,797.46	1/2	2,148.55	1/2	2,499.64	1/2	2,850.73	1/2	3,201.74
3/4	51.46	3/4	400.63	3/4	751.70	3/4	1,102.59	3/4	1,453.68	3/4	1,804.77	3/4	2,155.86	3/4	2,506.96	3/4	2,858.05	3/4	3,209.05
2	57.72	2	407.94	2	759.01	2	1,109.90	2	1,460.99	2	1,812.08	2	2,163.17	2	2,514.27	2	2,865.36	2	3,216.36
1/4	64.93	1/4	415.26	1/4	766.32	1/4	1,117.22	1/4	1,468.31	1/4	1,819.40	1/4	2,170.49	1/4	2,521.58	1/4	2,872.67	1/4	3,223.67
1/2	72.14	1/2	422.57	1/2	773.63	1/2	1,124.53	1/2	1,475.62	1/2	1,826.71	1/2	2,177.80	1/2	2,528.90	1/2	2,879.99	1/2	3,230.99
3/4	79.35	3/4	429.89	3/4	780.94	3/4	1,131.85	3/4	1,482.94	3/4	1,834.03	3/4	2,185.12	3/4	2,536.21	3/4	2,887.30	3/4	3,238.30
3	86.56	3	437.20	3	788.25	3	1,139.16	3	1,490.25	3	1,841.34	3	2,192.43	3	2,543.52	3	2,894.61	3	3,245.61
1/4	93.82	1/4	444.52	1/4	795.56	1/4	1,146.48	1/4	1,497.57	1/4	1,848.66	1/4	2,199.75	1/4	2,550.84	1/4	2,901.93	1/4	3,252.92
1/2	101.08	1/2	451.83	1/2	802.87	1/2	1,153.79	1/2	1,504.88	1/2	1,855.97	1/2	2,207.06	1/2	2,558.15	1/2	2,909.24	1/2	3,260.24
3/4	108.33	3/4	459.15	3/4	810.18	3/4	1,161.11	3/4	1,512.20	3/4	1,863.29	3/4	2,214.38	3/4	2,565.47	3/4	2,916.56	3/4	3,267.55
4	115.59	4	466.46	4	817.49	4	1,168.42	4	1,519.51	4	1,870.60	4	2,221.69	4	2,572.78	4	2,923.87	4	3,274.86
1/4	122.88	1/4	473.77	1/4	824.80	1/4	1,175.73	1/4	1,526.82	1/4	1,877.92	1/4	2,229.01	1/4	2,580.10	1/4	2,931.18	1/4	3,282.17
1/2	130.16	1/2	481.09	1/2	832.11	1/2	1,183.05	1/2	1,534.14	1/2	1,885.23	1/2	2,236.32	1/2	2,587.41	1/2	2,938.50	1/2	3,289.49
3/4	137.45	3/4	488.40	3/4	839.42	3/4	1,190.36	3/4	1,541.45	3/4	1,892.55	3/4	2,243.64	3/4	2,594.73	3/4	2,945.81	3/4	3,296.80
5	144.73	5	495.71	5	846.73	5	1,197.67	5	1,548.76	5	1,899.86	5	2,250.95	5	2,602.04	5	2,953.12	5	3,304.11
1/4	152.03	1/4	503.03	1/4	854.04	1/4	1,204.99	1/4	1,556.08	1/4	1,907.17	1/4	2,258.26	1/4	2,609.36	1/4	2,960.43	1/4	3,311.42
1/2	159.33	1/2	510.34	1/2	861.35	1/2	1,212.30	1/2	1,563.39	1/2	1,914.49	1/2	2,265.58	1/2	2,616.67	1/2	2,967.75	1/2	3,318.74
3/4	166.62	3/4	517.66	3/4	868.65	3/4	1,219.62	3/4	1,570.71	3/4	1,921.80	3/4	2,272.89	3/4	2,623.99	3/4	2,975.06	3/4	3,326.05
6	173.92	6	524.97	6	875.96	6	1,226.93	6	1,578.02	6	1,929.11	6	2,280.20	6	2,631.30	6	2,982.37	6	3,333.36
1/4	181.23	1/4	532.28	1/4	883.27	1/4	1,234.25	1/4	1,585.34	1/4	1,936.43	1/4	2,287.52	1/4	2,638.61	1/4	2,989.68	1/4	3,340.67
1/2	188.54	1/2	539.60	1/2	890.58	1/2	1,241.56	1/2	1,592.65	1/2	1,943.74	1/2	2,294.83	1/2	2,645.93	1/2	2,997.00	1/2	3,347.98
3/4	195.84	3/4	546.91	3/4	897.89	3/4	1,248.88	3/4	1,599.97	3/4	1,951.06	3/4	2,302.15	3/4	2,653.24	3/4	3,004.31	3/4	3,355.29
7	203.15	7	554.22	7	905.20	7	1,256.19	7	1,607.28	7	1,958.37	7	2,309.46	7	2,660.55	7	3,011.62	7	3,362.60
1/4	210.47	1/4	561.54	1/4	912.51	1/4	1,263.51	1/4	1,614.60	1/4	1,965.69	1/4	2,316.78	1/4	2,667.87	1/4	3,018.93	1/4	3,369.91
1/2	217.78	1/2	568.85	1/2	919.82	1/2	1,270.82	1/2	1,621.91	1/2	1,973.00	1/2	2,324.09	1/2	2,675.18	1/2	3,026.25	1/2	3,377.23
3/4	225.10	3/4	576.17	3/4	927.13	3/4	1,278.14	3/4	1,629.23	3/4	1,980.32	3/4	2,331.41	3/4	2,682.50	3/4	3,033.56	3/4	3,384.54
8	232.41	8	583.48	8	934.44	8	1,285.45	8	1,636.54	8	1,987.63	8	2,338.72	8	2,689.81	8	3,040.87	8	3,391.85
1/4	239.72	1/4	590.80	1/4	941.75	1/4	1,292.76	1/4	1,643.86	1/4	1,994.95	1/4	2,346.04	1/4	2,697.13	1/4	3,048.18	1/4	3,399.16
1/2	247.04	1/2	598.11	1/2	949.06	1/2	1,300.08	1/2	1,651.17	1/2	2,002.26	1/2	2,353.35	1/2	2,704.44	1/2	3,055.50	1/2	3,406.48
3/4	254.35	3/4	605.43	3/4	956.37	3/4	1,307.39	3/4	1,658.49	3/4	2,009.58	3/4	2,360.67	3/4	2,711.76	3/4	3,062.81	3/4	3,413.79
9	261.66	9	612.74	9	963.68	9	1,314.70	9	1,665.80	9	2,016.89	9	2,367.98	9	2,719.07	9	3,070.12	9	3,421.10
1/4	268.98	1/4	620.05	1/4	970.99	1/4	1,322.02	1/4	1,673.11	1/4	2,024.20	1/4	2,375.30	1/4	2,726.39	1/4	3,077.43	1/4	3,428.41
1/2	276.29	1/2	627.37	1/2	978.30	1/2	1,329.33	1/2	1,680.43	1/2	2,031.52	1/2	2,382.61	1/2	2,733.70	1/2	3,084.74	1/2	3,435.73
3/4	283.61	3/4	634.68	3/4	985.61	3/4	1,336.65	3/4	1,687.74	3/4	2,038.83	3/4	2,389.93	3/4	2,741.02	3/4	3,092.05	3/4	3,443.04
10	290.92	10	641.99	10	992.92	10	1,343.96	10	1,695.05	10	2,046.14	10	2,397.24	10	2,748.33	10	3,099.36	10	3,450.35
1/4	298.24	1/4	649.31	1/4	1,000.23	1/4	1,351.28	1/4	1,702.37	1/4	2,053.46	1/4	2,404.55	1/4	2,755.64	1/4	3,106.67	1/4	3,457.66
1/2	305.55	1/2	656.62	1/2	1,007.54	1/2	1,358.59	1/2	1,709.68	1/2	2,060.77	1/2	2,411.87	1/2	2,762.96	1/2	3,113.99	1/2	3,464.98
3/4	312.87	3/4	663.94	3/4	1,014.84	3/4	1,365.91	3/4	1,717.00	3/4	2,068.09	3/4	2,419.18	3/4	2,770.27	3/4	3,121.30	3/4	3,472.29
11	320.18	11	671.25	11	1,022.15	11	1,373.22	11	1,724.31	11	2,075.40	11	2,426.49	11	2,777.58	11	3,128.61	11	3,479.60
1/4	327.49	1/4	678.56	1/4	1,029.46	1/4	1,380.54	1/4	1,731.63	1/4	2,082.72	1/4	2,433.81	1/4	2,784.90	1/4	3,135.92	1/4	3,486.91
1/2	334.81	1/2	685.88	1/2	1,036.77	1/2	1,387.85	1/2	1,738.94	1/2	2,090.03	1/2	2,441.12	1/2	2,792.21	1/2	3,143.24	1/2	3,494.23
3/4	342.12	3/4	693.19	3/4	1,044.08	3/4	1,395.17	3/4	1,746.26	3/4	2,097.35	3/4	2,448.44	3/4	2,799.53	3/4	3,150.55	3/4	3,501.54

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.
GAUGE POINT: RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTC 29651"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3016"

GAUGE HEIGHT 16-01 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	3,508.85	0	3,859.83	0	4,210.82	0	4,560.48	0	4,909.65	0		0		0		0		0	
1/4	3,516.16	1/4	3,867.14	1/4	4,218.13	1/4	4,567.76	1/4	4,916.88	1/4		1/4		1/4		1/4		1/4	
1/2	3,523.48	1/2	3,874.46	1/2	4,225.45	1/2	4,575.03	1/2	4,924.11	1/2		1/2		1/2		1/2		1/2	
3/4	3,530.79	3/4	3,881.77	3/4	4,232.76	3/4	4,582.31	3/4	4,931.34	3/4		3/4		3/4		3/4		3/4	
1	3,538.10	1	3,889.08	1	4,240.07	1	4,589.58	1	4,938.57	1		1		1		1		1	
1/4	3,545.41	1/4	3,896.39	1/4	4,247.38	1/4	4,596.86	1/4	4,945.73	1/4		1/4		1/4		1/4		1/4	
1/2	3,552.73	1/2	3,903.71	1/2	4,254.70	1/2	4,604.13	1/2	4,952.89	1/2		1/2		1/2		1/2		1/2	
3/4	3,560.04	3/4	3,911.02	3/4	4,262.01	3/4	4,611.41	3/4	4,960.06	3/4		3/4		3/4		3/4		3/4	
2	3,567.35	2	3,918.33	2	4,269.32	2	4,618.68	2	4,967.22	2		2		2		2		2	
1/4	3,574.66	1/4	3,925.64	1/4	4,276.63	1/4	4,625.95	1/4	4,974.34	1/4		1/4		1/4		1/4		1/4	
1/2	3,581.97	1/2	3,932.96	1/2	4,283.95	1/2	4,633.23	1/2	4,981.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,589.28	3/4	3,940.27	3/4	4,291.26	3/4	4,640.50	3/4	4,988.59	3/4		3/4		3/4		3/4		3/4	
3	3,596.59	3	3,947.58	3	4,298.57	3	4,647.78	3	4,995.71	3		3		3		3		3	
1/4	3,603.90	1/4	3,954.89	1/4	4,305.85	1/4	4,655.06	1/4	5,002.80	1/4		1/4		1/4		1/4		1/4	
1/2	3,611.22	1/2	3,962.21	1/2	4,313.12	1/2	4,662.33	1/2	5,009.89	1/2		1/2		1/2		1/2		1/2	
3/4	3,618.53	3/4	3,969.52	3/4	4,320.40	3/4	4,669.61	3/4	5,016.99	3/4		3/4		3/4		3/4		3/4	
4	3,625.84	4	3,976.83	4	4,327.67	4	4,676.89	4	5,024.08	4		4		4		4		4	
1/4	3,633.15	1/4	3,984.14	1/4	4,334.95	1/4	4,684.16	1/4	5,031.15	1/4		1/4		1/4		1/4		1/4	
1/2	3,640.47	1/2	3,991.46	1/2	4,342.22	1/2	4,691.44	1/2	5,038.21	1/2		1/2		1/2		1/2		1/2	
3/4	3,647.78	3/4	3,998.77	3/4	4,349.50	3/4	4,698.71	3/4	5,045.28	3/4		3/4		3/4		3/4		3/4	
5	3,655.09	5	4,006.08	5	4,356.77	5	4,705.99	5	5,052.35	5		5		5		5		5	
1/4	3,662.40	1/4	4,013.39	1/4	4,364.05	1/4	4,713.26	1/4	5,059.07	1/4		1/4		1/4		1/4		1/4	
1/2	3,669.72	1/2	4,020.71	1/2	4,371.32	1/2	4,720.54	1/2	5,065.80	1/2		1/2		1/2		1/2		1/2	
3/4	3,677.03	3/4	4,028.02	3/4	4,378.60	3/4	4,727.81	3/4	5,072.52	3/4		3/4		3/4		3/4		3/4	
6	3,684.34	6	4,035.33	6	4,385.87	6	4,735.09	6	5,079.25	6		6		6		6		6	
1/4	3,691.65	1/4	4,042.64	1/4	4,393.15	1/4	4,742.36	1/4	5,084.82	1/4		1/4		1/4		1/4		1/4	
1/2	3,698.97	1/2	4,049.96	1/2	4,400.42	1/2	4,749.64	1/2	5,090.39	1/2		1/2		1/2		1/2		1/2	
3/4	3,706.28	3/4	4,057.27	3/4	4,407.70	3/4	4,756.91	3/4	5,095.96	3/4		3/4		3/4		3/4		3/4	
7	3,713.59	7	4,064.58	7	4,414.97	7	4,764.19	7	5,101.53	7		7		7		7		7	
1/4	3,720.90	1/4	4,071.89	1/4	4,422.25	1/4	4,771.46	1/4	5,105.91	1/4		1/4		1/4		1/4		1/4	
1/2	3,728.22	1/2	4,079.20	1/2	4,429.52	1/2	4,778.74	1/2	5,110.29	1/2		1/2		1/2		1/2		1/2	
3/4	3,735.53	3/4	4,086.51	3/4	4,436.80	3/4	4,786.01	3/4	5,114.67	3/4		3/4		3/4		3/4		3/4	
8	3,742.84	8	4,093.82	8	4,444.07	8	4,793.29	8	5,119.05	8		8		8		8		8	
1/4	3,750.15	1/4	4,101.13	1/4	4,451.35	1/4	4,800.57	1/4	5,122.23	1/4		1/4		1/4		1/4		1/4	
1/2	3,757.47	1/2	4,108.45	1/2	4,458.63	1/2	4,807.84	1/2	5,125.42	1/2		1/2		1/2		1/2		1/2	
3/4	3,764.78	3/4	4,115.76	3/4	4,465.90	3/4	4,815.12	3/4	5,128.60	3/4		3/4		3/4		3/4		3/4	
9	3,772.09	9	4,123.07	9	4,473.18	9	4,822.40	9	5,131.79	9		9		9		9		9	
1/4	3,779.40	1/4	4,130.38	1/4	4,480.46	1/4	4,829.68	1/4	5,133.78	1/4		1/4		1/4		1/4		1/4	
1/2	3,786.72	1/2	4,137.70	1/2	4,487.73	1/2	4,836.95	1/2	5,135.78	1/2		1/2		1/2		1/2		1/2	
3/4	3,794.03	3/4	4,145.01	3/4	4,495.01	3/4	4,844.23	3/4	5,137.77	3/4		3/4		3/4		3/4		3/4	
10	3,801.34	10	4,152.32	10	4,502.28	10	4,851.51	10	5,139.77	10		10		10		10		10	
1/4	3,808.65	1/4	4,159.63	1/4	4,509.56	1/4	4,858.79	1/4	5,140.57	1/4		1/4		1/4		1/4		1/4	
1/2	3,815.96	1/2	4,166.95	1/2	4,516.83	1/2	4,866.06	1/2	5,141.38	1/2		1/2		1/2		1/2		1/2	
3/4	3,823.27	3/4	4,174.26	3/4	4,524.11	3/4	4,873.34	3/4	5,142.18	3/4		3/4		3/4		3/4		3/4	
11	3,830.58	11	4,181.57	11	4,531.38	11	4,880.62	11	5,142.99	11		11		11		11		11	
1/4	3,837.89	1/4	4,188.88	1/4	4,538.66	1/4	4,887.88	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,845.21	1/2	4,196.20	1/2	4,545.93	1/2	4,895.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,852.52	3/4	4,203.51	3/4	4,553.21	3/4	4,902.39	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/13/2015 JMF
RECOMPUTED: 03/31/2023 JS
NAME CHANGE: 03/31/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

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



BARGE "CTC 29651"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3016"

GAUGE HEIGHT 16-01"

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	14.80	0	349.10	0	699.85	0	1,049.17	0	1,399.70	0	1,750.45	0	2,101.20	0	2,451.95	0	2,802.70	0	3,153.38
1/4	19.27	1/4	356.41	1/4	707.16	1/4	1,056.45	1/4	1,407.01	1/4	1,757.76	1/4	2,108.51	1/4	2,459.26	1/4	2,810.01	1/4	3,160.68
1/2	23.73	1/2	363.72	1/2	714.46	1/2	1,063.72	1/2	1,414.32	1/2	1,765.06	1/2	2,115.81	1/2	2,466.56	1/2	2,817.31	1/2	3,167.99
3/4	28.20	3/4	371.02	3/4	721.77	3/4	1,071.00	3/4	1,421.62	3/4	1,772.37	3/4	2,123.12	3/4	2,473.87	3/4	2,824.62	3/4	3,175.29
1	32.66	1	378.33	1	729.07	1	1,078.27	1	1,428.93	1	1,779.68	1	2,130.43	1	2,481.18	1	2,831.93	1	3,182.60
1/4	38.91	1/4	385.64	1/4	736.35	1/4	1,085.56	1/4	1,436.24	1/4	1,786.99	1/4	2,137.74	1/4	2,488.49	1/4	2,839.24	1/4	3,189.90
1/2	45.17	1/2	392.95	1/2	743.62	1/2	1,092.84	1/2	1,443.55	1/2	1,794.29	1/2	2,145.04	1/2	2,495.79	1/2	2,846.54	1/2	3,197.21
3/4	51.42	3/4	400.25	3/4	750.90	3/4	1,100.13	3/4	1,450.85	3/4	1,801.60	3/4	2,152.35	3/4	2,503.10	3/4	2,853.85	3/4	3,204.51
2	57.67	2	407.56	2	758.17	2	1,107.41	2	1,458.16	2	1,808.91	2	2,159.66	2	2,510.41	2	2,861.16	2	3,211.82
1/4	64.87	1/4	414.87	1/4	765.45	1/4	1,114.72	1/4	1,465.47	1/4	1,816.22	1/4	2,166.97	1/4	2,517.72	1/4	2,868.47	1/4	3,219.12
1/2	72.08	1/2	422.18	1/2	772.72	1/2	1,122.03	1/2	1,472.78	1/2	1,823.52	1/2	2,174.27	1/2	2,525.02	1/2	2,875.77	1/2	3,226.43
3/4	79.28	3/4	429.48	3/4	780.00	3/4	1,129.33	3/4	1,480.08	3/4	1,830.83	3/4	2,181.58	3/4	2,532.33	3/4	2,883.08	3/4	3,233.73
3	86.48	3	436.79	3	787.27	3	1,136.64	3	1,487.39	3	1,838.14	3	2,188.89	3	2,539.64	3	2,890.39	3	3,241.04
1/4	93.73	1/4	444.10	1/4	794.55	1/4	1,143.95	1/4	1,494.70	1/4	1,845.45	1/4	2,196.20	1/4	2,546.95	1/4	2,897.70	1/4	3,248.34
1/2	100.99	1/2	451.41	1/2	801.82	1/2	1,151.26	1/2	1,502.00	1/2	1,852.75	1/2	2,203.50	1/2	2,554.25	1/2	2,905.00	1/2	3,255.65
3/4	108.24	3/4	458.71	3/4	809.10	3/4	1,158.56	3/4	1,509.31	3/4	1,860.06	3/4	2,210.81	3/4	2,561.56	3/4	2,912.31	3/4	3,262.95
4	115.49	4	466.02	4	816.37	4	1,165.87	4	1,516.62	4	1,867.37	4	2,218.12	4	2,568.87	4	2,919.62	4	3,270.26
1/4	122.77	1/4	473.33	1/4	823.65	1/4	1,173.18	1/4	1,523.93	1/4	1,874.68	1/4	2,225.43	1/4	2,576.18	1/4	2,926.92	1/4	3,277.56
1/2	130.04	1/2	480.64	1/2	830.92	1/2	1,180.49	1/2	1,531.23	1/2	1,881.98	1/2	2,232.73	1/2	2,583.48	1/2	2,934.23	1/2	3,284.87
3/4	137.32	3/4	487.94	3/4	838.19	3/4	1,187.79	3/4	1,538.54	3/4	1,889.29	3/4	2,240.04	3/4	2,590.79	3/4	2,941.53	3/4	3,292.17
5	144.59	5	495.25	5	845.47	5	1,195.10	5	1,545.85	5	1,896.60	5	2,247.35	5	2,598.10	5	2,948.84	5	3,299.48
1/4	151.88	1/4	502.56	1/4	852.74	1/4	1,202.41	1/4	1,553.16	1/4	1,903.91	1/4	2,254.66	1/4	2,605.41	1/4	2,956.14	1/4	3,306.78
1/2	159.18	1/2	509.87	1/2	860.02	1/2	1,209.72	1/2	1,560.46	1/2	1,911.21	1/2	2,261.96	1/2	2,612.71	1/2	2,963.45	1/2	3,314.09
3/4	166.47	3/4	517.17	3/4	867.29	3/4	1,217.02	3/4	1,567.77	3/4	1,918.52	3/4	2,269.27	3/4	2,620.02	3/4	2,970.75	3/4	3,321.39
6	173.76	6	524.48	6	874.57	6	1,224.33	6	1,575.08	6	1,925.83	6	2,276.58	6	2,627.33	6	2,978.06	6	3,328.70
1/4	181.06	1/4	531.79	1/4	881.84	1/4	1,231.64	1/4	1,582.38	1/4	1,933.13	1/4	2,283.89	1/4	2,634.64	1/4	2,985.36	1/4	3,336.00
1/2	188.37	1/2	539.09	1/2	889.12	1/2	1,238.94	1/2	1,589.69	1/2	1,940.44	1/2	2,291.19	1/2	2,641.94	1/2	2,992.67	1/2	3,343.31
3/4	195.67	3/4	546.40	3/4	896.39	3/4	1,246.25	3/4	1,596.99	3/4	1,947.74	3/4	2,298.50	3/4	2,649.25	3/4	2,999.97	3/4	3,350.61
7	202.97	7	553.70	7	903.67	7	1,253.55	7	1,604.30	7	1,955.05	7	2,305.81	7	2,656.56	7	3,007.28	7	3,357.92
1/4	210.28	1/4	561.01	1/4	910.94	1/4	1,260.86	1/4	1,611.61	1/4	1,962.36	1/4	2,313.11	1/4	2,663.86	1/4	3,014.58	1/4	3,365.22
1/2	217.58	1/2	568.32	1/2	918.22	1/2	1,268.17	1/2	1,618.91	1/2	1,969.66	1/2	2,320.42	1/2	2,671.17	1/2	3,021.89	1/2	3,372.53
3/4	224.89	3/4	575.62	3/4	925.49	3/4	1,275.47	3/4	1,626.22	3/4	1,976.97	3/4	2,327.72	3/4	2,678.47	3/4	3,029.19	3/4	3,379.83
8	232.19	8	582.93	8	932.77	8	1,282.78	8	1,633.53	8	1,984.28	8	2,335.03	8	2,685.78	8	3,036.50	8	3,387.14
1/4	239.50	1/4	590.24	1/4	940.04	1/4	1,290.09	1/4	1,640.84	1/4	1,991.59	1/4	2,342.34	1/4	2,693.09	1/4	3,043.80	1/4	3,394.45
1/2	246.81	1/2	597.55	1/2	947.32	1/2	1,297.40	1/2	1,648.14	1/2	1,998.89	1/2	2,349.64	1/2	2,700.39	1/2	3,051.11	1/2	3,401.75
3/4	254.11	3/4	604.85	3/4	954.59	3/4	1,304.70	3/4	1,655.45	3/4	2,006.20	3/4	2,356.95	3/4	2,707.70	3/4	3,058.41	3/4	3,409.06
9	261.42	9	612.16	9	961.87	9	1,312.01	9	1,662.76	9	2,013.51	9	2,364.26	9	2,715.01	9	3,065.72	9	3,416.37
1/4	268.73	1/4	619.47	1/4	969.14	1/4	1,319.32	1/4	1,670.07	1/4	2,020.82	1/4	2,371.57	1/4	2,722.32	1/4	3,073.02	1/4	3,423.67
1/2	276.04	1/2	626.78	1/2	976.42	1/2	1,326.63	1/2	1,677.37	1/2	2,028.12	1/2	2,378.87	1/2	2,729.62	1/2	3,080.33	1/2	3,430.98
3/4	283.34	3/4	634.08	3/4	983.69	3/4	1,333.93	3/4	1,684.68	3/4	2,035.43	3/4	2,386.18	3/4	2,736.93	3/4	3,087.63	3/4	3,438.28
10	290.65	10	641.39	10	990.97	10	1,341.24	10	1,691.99	10	2,042.74	10	2,393.49	10	2,744.24	10	3,094.94	10	3,445.59
1/4	297.96	1/4	648.70	1/4	998.24	1/4	1,348.55	1/4	1,699.30	1/4	2,050.05	1/4	2,400.80	1/4	2,751.55	1/4	3,102.24	1/4	3,452.89
1/2	305.27	1/2	656.01	1/2	1,005.52	1/2	1,355.86	1/2	1,706.60	1/2	2,057.35	1/2	2,408.10	1/2	2,758.85	1/2	3,109.55	1/2	3,460.20
3/4	312.57	3/4	663.31	3/4	1,012.80	3/4	1,363.16	3/4	1,713.91	3/4	2,064.66	3/4	2,415.41	3/4	2,766.16	3/4	3,116.85	3/4	3,467.50
11	319.88	11	670.62	11	1,020.07	11	1,370.47	11	1,721.22	11	2,071.97	11	2,422.72	11	2,773.47	11	3,124.16	11	3,474.81
1/4	327.19	1/4	677.93	1/4	1,027.35	1/4	1,377.78	1/4	1,728.53	1/4	2,079.28	1/4	2,430.03	1/4	2,780.78	1/4	3,131.46	1/4	3,482.11
1/2	334.49	1/2	685.24	1/2	1,034.62	1/2	1,385.09	1/2	1,735.83	1/2	2,086.58	1/2	2,437.33	1/2	2,788.08	1/2	3,138.77	1/2	3,489.42
3/4	341.80	3/4	692.54	3/4	1,041.90	3/4	1,392.39	3/4	1,743.14	3/4	2,093.89	3/4	2,444.64	3/4	2,795.39	3/4	3,146.07	3/4	3,496.72

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.
GAUGE POINT: RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK.

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



BARGE "CTC 29651"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3016"

GAUGE HEIGHT 16-01"

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	3,504.03	0	3,854.67	0	4,205.32	0	4,554.64	0	4,903.47	0		0		0		0		0	
1/4	3,511.33	1/4	3,861.97	1/4	4,212.62	1/4	4,561.91	1/4	4,910.69	1/4		1/4		1/4		1/4		1/4	
1/2	3,518.64	1/2	3,869.28	1/2	4,219.93	1/2	4,569.17	1/2	4,917.91	1/2		1/2		1/2		1/2		1/2	
3/4	3,525.94	3/4	3,876.58	3/4	4,227.23	3/4	4,576.44	3/4	4,925.14	3/4		3/4		3/4		3/4		3/4	
1	3,533.25	1	3,883.89	1	4,234.54	1	4,583.71	1	4,932.36	1		1		1		1		1	
1/4	3,540.55	1/4	3,891.19	1/4	4,241.84	1/4	4,590.98	1/4	4,939.51	1/4		1/4		1/4		1/4		1/4	
1/2	3,547.86	1/2	3,898.50	1/2	4,249.15	1/2	4,598.24	1/2	4,946.67	1/2		1/2		1/2		1/2		1/2	
3/4	3,555.16	3/4	3,905.80	3/4	4,256.45	3/4	4,605.51	3/4	4,953.82	3/4		3/4		3/4		3/4		3/4	
2	3,562.47	2	3,913.11	2	4,263.76	2	4,612.78	2	4,960.98	2		2		2		2		2	
1/4	3,569.77	1/4	3,920.41	1/4	4,271.06	1/4	4,620.05	1/4	4,968.09	1/4		1/4		1/4		1/4		1/4	
1/2	3,577.08	1/2	3,927.72	1/2	4,278.37	1/2	4,627.32	1/2	4,975.21	1/2		1/2		1/2		1/2		1/2	
3/4	3,584.38	3/4	3,935.02	3/4	4,285.67	3/4	4,634.59	3/4	4,982.32	3/4		3/4		3/4		3/4		3/4	
3	3,591.69	3	3,942.33	3	4,292.98	3	4,641.86	3	4,989.44	3		3		3		3		3	
1/4	3,598.99	1/4	3,949.63	1/4	4,300.25	1/4	4,649.13	1/4	4,996.52	1/4		1/4		1/4		1/4		1/4	
1/2	3,606.30	1/2	3,956.94	1/2	4,307.51	1/2	4,656.39	1/2	5,003.61	1/2		1/2		1/2		1/2		1/2	
3/4	3,613.60	3/4	3,964.24	3/4	4,314.78	3/4	4,663.66	3/4	5,010.69	3/4		3/4		3/4		3/4		3/4	
4	3,620.91	4	3,971.55	4	4,322.05	4	4,670.93	4	5,017.78	4		4		4		4		4	
1/4	3,628.21	1/4	3,978.85	1/4	4,329.32	1/4	4,678.20	1/4	5,024.84	1/4		1/4		1/4		1/4		1/4	
1/2	3,635.52	1/2	3,986.16	1/2	4,336.58	1/2	4,685.46	1/2	5,031.90	1/2		1/2		1/2		1/2		1/2	
3/4	3,642.82	3/4	3,993.46	3/4	4,343.85	3/4	4,692.73	3/4	5,038.96	3/4		3/4		3/4		3/4		3/4	
5	3,650.13	5	4,000.77	5	4,351.12	5	4,700.00	5	5,046.02	5		5		5		5		5	
1/4	3,657.43	1/4	4,008.07	1/4	4,358.39	1/4	4,707.27	1/4	5,052.74	1/4		1/4		1/4		1/4		1/4	
1/2	3,664.74	1/2	4,015.38	1/2	4,365.66	1/2	4,714.54	1/2	5,059.45	1/2		1/2		1/2		1/2		1/2	
3/4	3,672.04	3/4	4,022.68	3/4	4,372.93	3/4	4,721.81	3/4	5,066.17	3/4		3/4		3/4		3/4		3/4	
6	3,679.35	6	4,029.99	6	4,380.20	6	4,729.08	6	5,072.89	6		6		6		6		6	
1/4	3,686.65	1/4	4,037.29	1/4	4,387.47	1/4	4,736.35	1/4	5,078.45	1/4		1/4		1/4		1/4		1/4	
1/2	3,693.96	1/2	4,044.60	1/2	4,394.73	1/2	4,743.61	1/2	5,084.02	1/2		1/2		1/2		1/2		1/2	
3/4	3,701.26	3/4	4,051.90	3/4	4,402.00	3/4	4,750.88	3/4	5,089.58	3/4		3/4		3/4		3/4		3/4	
7	3,708.57	7	4,059.21	7	4,409.27	7	4,758.15	7	5,095.15	7		7		7		7		7	
1/4	3,715.87	1/4	4,066.51	1/4	4,416.54	1/4	4,765.42	1/4	5,099.52	1/4		1/4		1/4		1/4		1/4	
1/2	3,723.18	1/2	4,073.82	1/2	4,423.80	1/2	4,772.68	1/2	5,103.90	1/2		1/2		1/2		1/2		1/2	
3/4	3,730.48	3/4	4,081.12	3/4	4,431.07	3/4	4,779.95	3/4	5,108.27	3/4		3/4		3/4		3/4		3/4	
8	3,737.79	8	4,088.43	8	4,438.34	8	4,787.22	8	5,112.65	8		8		8		8		8	
1/4	3,745.09	1/4	4,095.73	1/4	4,445.61	1/4	4,794.49	1/4	5,115.83	1/4		1/4		1/4		1/4		1/4	
1/2	3,752.40	1/2	4,103.04	1/2	4,452.88	1/2	4,801.76	1/2	5,119.01	1/2		1/2		1/2		1/2		1/2	
3/4	3,759.70	3/4	4,110.34	3/4	4,460.15	3/4	4,809.03	3/4	5,122.20	3/4		3/4		3/4		3/4		3/4	
9	3,767.01	9	4,117.65	9	4,467.42	9	4,816.30	9	5,125.38	9		9		9		9		9	
1/4	3,774.31	1/4	4,124.96	1/4	4,474.69	1/4	4,823.57	1/4	5,127.37	1/4		1/4		1/4		1/4		1/4	
1/2	3,781.62	1/2	4,132.26	1/2	4,481.95	1/2	4,830.84	1/2	5,129.36	1/2		1/2		1/2		1/2		1/2	
3/4	3,788.92	3/4	4,139.57	3/4	4,489.22	3/4	4,838.12	3/4	5,131.36	3/4		3/4		3/4		3/4		3/4	
10	3,796.23	10	4,146.88	10	4,496.49	10	4,845.39	10	5,133.35	10		10		10		10		10	
1/4	3,803.53	1/4	4,154.18	1/4	4,503.76	1/4	4,852.66	1/4	5,134.15	1/4		1/4		1/4		1/4		1/4	
1/2	3,810.84	1/2	4,161.49	1/2	4,511.02	1/2	4,859.92	1/2	5,134.95	1/2		1/2		1/2		1/2		1/2	
3/4	3,818.14	3/4	4,168.79	3/4	4,518.29	3/4	4,867.19	3/4	5,135.76	3/4		3/4		3/4		3/4		3/4	
11	3,825.45	11	4,176.10	11	4,525.56	11	4,874.46	11	5,136.56	11		11		11		11		11	
1/4	3,832.75	1/4	4,183.40	1/4	4,532.83	1/4	4,881.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,840.06	1/2	4,190.71	1/2	4,540.10	1/2	4,888.96	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,847.36	3/4	4,198.01	3/4	4,547.37	3/4	4,896.22	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/13/2015 JMF
RECOMPUTED: 03/31/2023 JS
NAME CHANGE: 03/31/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

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



BARGE "CTC 29651"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3016"

GAUGE HEIGHT 16-00 3/4"

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	14.57	0	348.19	0	698.22	0	1,047.70	0	1,397.70	0	1,747.79	0	2,097.89	0	2,448.00	0	2,797.88	0	3,147.60
1/4	19.03	1/4	355.48	1/4	705.51	1/4	1,054.98	1/4	1,404.99	1/4	1,755.09	1/4	2,105.19	1/4	2,455.29	1/4	2,805.17	1/4	3,154.89
1/2	23.48	1/2	362.78	1/2	712.81	1/2	1,062.27	1/2	1,412.29	1/2	1,762.38	1/2	2,112.48	1/2	2,462.59	1/2	2,812.46	1/2	3,162.17
3/4	27.94	3/4	370.07	3/4	720.10	3/4	1,069.55	3/4	1,419.58	3/4	1,769.68	3/4	2,119.78	3/4	2,469.88	3/4	2,819.75	3/4	3,169.46
1	32.39	1	377.36	1	727.39	1	1,076.83	1	1,426.87	1	1,776.97	1	2,127.07	1	2,477.17	1	2,827.04	1	3,176.74
1/4	38.63	1/4	384.65	1/4	734.68	1/4	1,084.11	1/4	1,434.17	1/4	1,784.26	1/4	2,134.36	1/4	2,484.46	1/4	2,834.33	1/4	3,184.03
1/2	44.87	1/2	391.95	1/2	741.98	1/2	1,091.40	1/2	1,441.46	1/2	1,791.56	1/2	2,141.66	1/2	2,491.75	1/2	2,841.62	1/2	3,191.31
3/4	51.10	3/4	399.24	3/4	749.27	3/4	1,098.68	3/4	1,448.76	3/4	1,798.85	3/4	2,148.95	3/4	2,499.04	3/4	2,848.90	3/4	3,198.60
2	57.34	2	406.53	2	756.56	2	1,105.96	2	1,456.05	2	1,806.14	2	2,156.24	2	2,506.33	2	2,856.19	2	3,205.88
1/4	64.53	1/4	413.82	1/4	763.84	1/4	1,113.25	1/4	1,463.34	1/4	1,813.43	1/4	2,163.54	1/4	2,513.62	1/4	2,863.48	1/4	3,213.17
1/2	71.72	1/2	421.12	1/2	771.13	1/2	1,120.55	1/2	1,470.64	1/2	1,820.73	1/2	2,170.83	1/2	2,520.91	1/2	2,870.77	1/2	3,220.45
3/4	78.90	3/4	428.41	3/4	778.41	3/4	1,127.84	3/4	1,477.93	3/4	1,828.02	3/4	2,178.13	3/4	2,528.19	3/4	2,878.06	3/4	3,227.74
3	86.09	3	435.70	3	785.69	3	1,135.13	3	1,485.22	3	1,835.31	3	2,185.42	3	2,535.48	3	2,885.35	3	3,235.02
1/4	93.33	1/4	442.99	1/4	792.97	1/4	1,142.43	1/4	1,492.51	1/4	1,842.61	1/4	2,192.71	1/4	2,542.77	1/4	2,892.64	1/4	3,242.30
1/2	100.57	1/2	450.29	1/2	800.25	1/2	1,149.72	1/2	1,499.81	1/2	1,849.90	1/2	2,200.01	1/2	2,550.06	1/2	2,899.93	1/2	3,249.59
3/4	107.80	3/4	457.58	3/4	807.53	3/4	1,157.02	3/4	1,507.10	3/4	1,857.20	3/4	2,207.30	3/4	2,557.35	3/4	2,907.21	3/4	3,256.87
4	115.04	4	464.87	4	814.81	4	1,164.31	4	1,514.39	4	1,864.49	4	2,214.59	4	2,564.64	4	2,914.50	4	3,264.15
1/4	122.30	1/4	472.16	1/4	822.09	1/4	1,171.60	1/4	1,521.69	1/4	1,871.78	1/4	2,221.89	1/4	2,571.93	1/4	2,921.79	1/4	3,271.06
1/2	129.57	1/2	479.46	1/2	829.37	1/2	1,178.90	1/2	1,528.98	1/2	1,879.08	1/2	2,229.18	1/2	2,579.22	1/2	2,929.07	1/2	3,277.97
3/4	136.83	3/4	486.75	3/4	836.64	3/4	1,186.19	3/4	1,536.28	3/4	1,886.37	3/4	2,236.48	3/4	2,586.50	3/4	2,936.36	3/4	3,284.88
5	144.09	5	494.04	5	843.92	5	1,193.48	5	1,543.57	5	1,893.66	5	2,243.77	5	2,593.79	5	2,943.64	5	3,291.79
1/4	151.37	1/4	501.33	1/4	851.20	1/4	1,200.78	1/4	1,550.86	1/4	1,900.96	1/4	2,251.06	1/4	2,601.08	1/4	2,950.93	1/4	3,298.33
1/2	158.65	1/2	508.63	1/2	858.48	1/2	1,208.07	1/2	1,558.16	1/2	1,908.25	1/2	2,258.36	1/2	2,608.37	1/2	2,958.21	1/2	3,304.86
3/4	165.92	3/4	515.92	3/4	865.75	3/4	1,215.37	3/4	1,565.45	3/4	1,915.55	3/4	2,265.65	3/4	2,615.66	3/4	2,965.50	3/4	3,311.40
6	173.20	6	523.21	6	873.03	6	1,222.66	6	1,572.74	6	1,922.84	6	2,272.94	6	2,622.95	6	2,972.78	6	3,317.93
1/4	180.49	1/4	530.50	1/4	880.31	1/4	1,229.95	1/4	1,580.04	1/4	1,930.13	1/4	2,280.24	1/4	2,630.24	1/4	2,980.06	1/4	3,324.09
1/2	187.77	1/2	537.80	1/2	887.59	1/2	1,237.25	1/2	1,587.33	1/2	1,937.43	1/2	2,287.53	1/2	2,637.53	1/2	2,987.35	1/2	3,330.25
3/4	195.06	3/4	545.09	3/4	894.86	3/4	1,244.54	3/4	1,594.63	3/4	1,944.72	3/4	2,294.83	3/4	2,644.82	3/4	2,994.63	3/4	3,336.41
7	202.34	7	552.38	7	902.14	7	1,251.83	7	1,601.92	7	1,952.01	7	2,302.12	7	2,652.11	7	3,001.91	7	3,342.57
1/4	209.63	1/4	559.67	1/4	909.42	1/4	1,259.13	1/4	1,609.21	1/4	1,959.31	1/4	2,309.42	1/4	2,659.40	1/4	3,009.20	1/4	3,348.36
1/2	216.93	1/2	566.97	1/2	916.70	1/2	1,266.42	1/2	1,616.51	1/2	1,966.60	1/2	2,316.71	1/2	2,666.69	1/2	3,016.48	1/2	3,354.15
3/4	224.22	3/4	574.26	3/4	923.97	3/4	1,273.72	3/4	1,623.80	3/4	1,973.90	3/4	2,324.01	3/4	2,673.97	3/4	3,023.77	3/4	3,359.93
8	231.51	8	581.55	8	931.25	8	1,281.01	8	1,631.09	8	1,981.19	8	2,331.30	8	2,681.26	8	3,031.05	8	3,365.72
1/4	238.80	1/4	588.84	1/4	938.53	1/4	1,288.30	1/4	1,638.39	1/4	1,988.48	1/4	2,338.59	1/4	2,688.55	1/4	3,038.34	1/4	3,371.13
1/2	246.10	1/2	596.14	1/2	945.81	1/2	1,295.60	1/2	1,645.68	1/2	1,995.78	1/2	2,345.89	1/2	2,695.84	1/2	3,045.62	1/2	3,376.54
3/4	253.39	3/4	603.43	3/4	953.08	3/4	1,302.89	3/4	1,652.98	3/4	2,003.07	3/4	2,353.18	3/4	2,703.13	3/4	3,052.91	3/4	3,381.95
9	260.68	9	610.72	9	960.36	9	1,310.18	9	1,660.27	9	2,010.36	9	2,360.47	9	2,710.42	9	3,060.19	9	3,387.36
1/4	267.97	1/4	618.01	1/4	967.64	1/4	1,317.47	1/4	1,667.56	1/4	2,017.66	1/4	2,367.77	1/4	2,717.71	1/4	3,067.48	1/4	3,392.40
1/2	275.27	1/2	625.31	1/2	974.92	1/2	1,324.77	1/2	1,674.86	1/2	2,024.95	1/2	2,375.06	1/2	2,725.00	1/2	3,074.76	1/2	3,397.44
3/4	282.56	3/4	632.60	3/4	982.20	3/4	1,332.06	3/4	1,682.15	3/4	2,032.25	3/4	2,382.36	3/4	2,732.28	3/4	3,082.05	3/4	3,402.47
10	289.85	10	639.89	10	989.48	10	1,339.35	10	1,689.44	10	2,039.54	10	2,389.65	10	2,739.57	10	3,089.33	10	3,407.51
1/4	297.14	1/4	647.18	1/4	996.76	1/4	1,346.65	1/4	1,696.74	1/4	2,046.84	1/4	2,396.94	1/4	2,746.86	1/4	3,096.62	1/4	3,412.55
1/2	304.44	1/2	654.48	1/2	1,004.04	1/2	1,353.94	1/2	1,704.03	1/2	2,054.13	1/2	2,404.24	1/2	2,754.15	1/2	3,103.90	1/2	3,417.58
3/4	311.73	3/4	661.77	3/4	1,011.31	3/4	1,361.24	3/4	1,711.33	3/4	2,061.43	3/4	2,411.53	3/4	2,761.44	3/4	3,111.19	3/4	3,422.61
11	319.02	11	669.06	11	1,018.59	11	1,368.53	11	1,718.62	11	2,068.72	11	2,418.82	11	2,768.73	11	3,118.47	11	3,427.65
1/4	326.31	1/4	676.35	1/4	1,025.87	1/4	1,375.82	1/4	1,725.91	1/4	2,076.01	1/4	2,426.12	1/4	2,776.02	1/4	3,125.75	1/4	3,432.69
1/2	333.61	1/2	683.64	1/2	1,033.15	1/2	1,383.12	1/2	1,733.21	1/2	2,083.31	1/2	2,433.41	1/2	2,783.31	1/2	3,133.04	1/2	3,437.73
3/4	340.90	3/4	690.93	3/4	1,040.42	3/4	1,390.41	3/4	1,740.50	3/4	2,090.60	3/4	2,440.71	3/4	2,790.59	3/4	3,140.32	3/4	3,442.78

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.
GAUGE POINT: RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK.

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



BARGE "CTC 29651"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3016"

GAUGE HEIGHT 16-00 3/4"

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	3,447.82	0	3,689.00	0	3,930.19	0	4,171.38	0	4,412.58	0		0		0		0		0	
1/4	3,452.84	1/4	3,694.03	1/4	3,935.22	1/4	4,176.40	1/4	4,417.54	1/4		1/4		1/4		1/4		1/4	
1/2	3,457.87	1/2	3,699.05	1/2	3,940.24	1/2	4,181.43	1/2	4,422.50	1/2		1/2		1/2		1/2		1/2	
3/4	3,462.89	3/4	3,704.08	3/4	3,945.27	3/4	4,186.45	3/4	4,427.47	3/4		3/4		3/4		3/4		3/4	
1	3,467.92	1	3,709.10	1	3,950.29	1	4,191.47	1	4,432.43	1		1		1		1		1	
1/4	3,472.95	1/4	3,714.13	1/4	3,955.32	1/4	4,196.50	1/4	4,437.36	1/4		1/4		1/4		1/4		1/4	
1/2	3,477.97	1/2	3,719.15	1/2	3,960.34	1/2	4,201.52	1/2	4,442.29	1/2		1/2		1/2		1/2		1/2	
3/4	3,483.00	3/4	3,724.18	3/4	3,965.37	3/4	4,206.55	3/4	4,447.22	3/4		3/4		3/4		3/4		3/4	
2	3,488.02	2	3,729.20	2	3,970.39	2	4,211.57	2	4,452.15	2		2		2		2		2	
1/4	3,493.05	1/4	3,734.23	1/4	3,975.42	1/4	4,216.60	1/4	4,457.06	1/4		1/4		1/4		1/4		1/4	
1/2	3,498.07	1/2	3,739.25	1/2	3,980.44	1/2	4,221.62	1/2	4,461.97	1/2		1/2		1/2		1/2		1/2	
3/4	3,503.10	3/4	3,744.28	3/4	3,985.47	3/4	4,226.65	3/4	4,466.89	3/4		3/4		3/4		3/4		3/4	
3	3,508.12	3	3,749.30	3	3,990.49	3	4,231.67	3	4,471.80	3		3		3		3		3	
1/4	3,513.14	1/4	3,754.33	1/4	3,995.52	1/4	4,236.70	1/4	4,476.69	1/4		1/4		1/4		1/4		1/4	
1/2	3,518.17	1/2	3,759.35	1/2	4,000.54	1/2	4,241.72	1/2	4,481.58	1/2		1/2		1/2		1/2		1/2	
3/4	3,523.19	3/4	3,764.38	3/4	4,005.57	3/4	4,246.75	3/4	4,486.48	3/4		3/4		3/4		3/4		3/4	
4	3,528.21	4	3,769.40	4	4,010.59	4	4,251.77	4	4,491.37	4		4		4		4		4	
1/4	3,533.24	1/4	3,774.43	1/4	4,015.61	1/4	4,256.80	1/4	4,496.24	1/4		1/4		1/4		1/4		1/4	
1/2	3,538.26	1/2	3,779.45	1/2	4,020.64	1/2	4,261.82	1/2	4,501.12	1/2		1/2		1/2		1/2		1/2	
3/4	3,543.29	3/4	3,784.48	3/4	4,025.66	3/4	4,266.84	3/4	4,505.99	3/4		3/4		3/4		3/4		3/4	
5	3,548.31	5	3,789.50	5	4,030.68	5	4,271.87	5	4,510.87	5		5		5		5		5	
1/4	3,553.34	1/4	3,794.53	1/4	4,035.71	1/4	4,276.89	1/4	4,515.43	1/4		1/4		1/4		1/4		1/4	
1/2	3,558.36	1/2	3,799.55	1/2	4,040.73	1/2	4,281.92	1/2	4,519.99	1/2		1/2		1/2		1/2		1/2	
3/4	3,563.39	3/4	3,804.58	3/4	4,045.76	3/4	4,286.94	3/4	4,524.55	3/4		3/4		3/4		3/4		3/4	
6	3,568.41	6	3,809.60	6	4,050.78	6	4,291.97	6	4,529.11	6		6		6		6		6	
1/4	3,573.44	1/4	3,814.63	1/4	4,055.81	1/4	4,296.99	1/4	4,532.84	1/4		1/4		1/4		1/4		1/4	
1/2	3,578.46	1/2	3,819.65	1/2	4,060.83	1/2	4,302.02	1/2	4,536.58	1/2		1/2		1/2		1/2		1/2	
3/4	3,583.49	3/4	3,824.68	3/4	4,065.86	3/4	4,307.04	3/4	4,540.31	3/4		3/4		3/4		3/4		3/4	
7	3,588.51	7	3,829.70	7	4,070.88	7	4,312.07	7	4,544.05	7		7		7		7		7	
1/4	3,593.54	1/4	3,834.73	1/4	4,075.91	1/4	4,317.09	1/4	4,546.96	1/4		1/4		1/4		1/4		1/4	
1/2	3,598.56	1/2	3,839.75	1/2	4,080.93	1/2	4,322.12	1/2	4,549.88	1/2		1/2		1/2		1/2		1/2	
3/4	3,603.59	3/4	3,844.78	3/4	4,085.96	3/4	4,327.14	3/4	4,552.79	3/4		3/4		3/4		3/4		3/4	
8	3,608.61	8	3,849.80	8	4,090.98	8	4,332.17	8	4,555.71	8		8		8		8		8	
1/4	3,613.64	1/4	3,854.82	1/4	4,096.01	1/4	4,337.20	1/4	4,557.80	1/4		1/4		1/4		1/4		1/4	
1/2	3,618.66	1/2	3,859.85	1/2	4,101.03	1/2	4,342.22	1/2	4,559.89	1/2		1/2		1/2		1/2		1/2	
3/4	3,623.69	3/4	3,864.87	3/4	4,106.06	3/4	4,347.25	3/4	4,561.99	3/4		3/4		3/4		3/4		3/4	
9	3,628.71	9	3,869.89	9	4,111.08	9	4,352.28	9	4,564.08	9		9		9		9		9	
1/4	3,633.74	1/4	3,874.92	1/4	4,116.11	1/4	4,357.31	1/4	4,565.35	1/4		1/4		1/4		1/4		1/4	
1/2	3,638.76	1/2	3,879.94	1/2	4,121.13	1/2	4,362.34	1/2	4,566.62	1/2		1/2		1/2		1/2		1/2	
3/4	3,643.79	3/4	3,884.97	3/4	4,126.16	3/4	4,367.37	3/4	4,567.89	3/4		3/4		3/4		3/4		3/4	
10	3,648.81	10	3,889.99	10	4,131.18	10	4,372.40	10	4,569.16	10		10		10		10		10	
1/4	3,653.84	1/4	3,895.02	1/4	4,136.21	1/4	4,377.43	1/4	4,569.61	1/4		1/4		1/4		1/4		1/4	
1/2	3,658.86	1/2	3,900.04	1/2	4,141.23	1/2	4,382.45	1/2	4,570.05	1/2		1/2		1/2		1/2		1/2	
3/4	3,663.89	3/4	3,905.07	3/4	4,146.26	3/4	4,387.48	3/4	4,570.50	3/4		3/4		3/4		3/4		3/4	
11	3,668.91	11	3,910.09	11	4,151.28	11	4,392.51	11	4,570.95	11		11		11		11		11	
1/4	3,673.93	1/4	3,915.12	1/4	4,156.31	1/4	4,397.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,678.96	1/2	3,920.14	1/2	4,161.33	1/2	4,402.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,683.98	3/4	3,925.17	3/4	4,166.36	3/4	4,407.56	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/13/2015 JMF
RECOMPUTED: 03/31/2023 JS
NAME CHANGE: 03/31/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

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



BARGE "CTC 29651"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3016"

GAUGE HEIGHT 16-01 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	18.35	0	355.33	0	705.01	0	1,052.50	0	1,401.98	0	1,751.60	0	2,101.31	0	2,451.04	0	2,800.76	0	3,150.34
1/4	23.25	1/4	362.62	1/4	712.29	1/4	1,059.77	1/4	1,409.26	1/4	1,758.89	1/4	2,108.60	1/4	2,458.33	1/4	2,808.04	1/4	3,157.62
1/2	28.16	1/2	369.90	1/2	719.57	1/2	1,067.04	1/2	1,416.55	1/2	1,766.17	1/2	2,115.89	1/2	2,465.61	1/2	2,815.33	1/2	3,164.90
3/4	33.06	3/4	377.19	3/4	726.85	3/4	1,074.31	3/4	1,423.83	3/4	1,773.46	3/4	2,123.17	3/4	2,472.90	3/4	2,822.61	3/4	3,172.18
1	37.96	1	384.47	1	734.13	1	1,081.58	1	1,431.11	1	1,780.74	1	2,130.46	1	2,480.18	1	2,829.90	1	3,179.46
1/4	44.60	1/4	391.76	1/4	741.39	1/4	1,088.86	1/4	1,438.39	1/4	1,788.03	1/4	2,137.75	1/4	2,487.47	1/4	2,837.19	1/4	3,186.74
1/2	51.23	1/2	399.04	1/2	748.64	1/2	1,096.13	1/2	1,445.68	1/2	1,795.31	1/2	2,145.03	1/2	2,494.75	1/2	2,844.47	1/2	3,194.02
3/4	57.87	3/4	406.33	3/4	755.90	3/4	1,103.41	3/4	1,452.96	3/4	1,802.60	3/4	2,152.32	3/4	2,502.04	3/4	2,851.76	3/4	3,201.31
2	64.50	2	413.61	2	763.15	2	1,110.68	2	1,460.24	2	1,809.88	2	2,159.60	2	2,509.32	2	2,859.05	2	3,208.59
1/4	71.71	1/4	420.90	1/4	770.39	1/4	1,117.96	1/4	1,467.52	1/4	1,817.17	1/4	2,166.89	1/4	2,516.61	1/4	2,866.33	1/4	3,215.87
1/2	78.92	1/2	428.18	1/2	777.63	1/2	1,125.25	1/2	1,474.81	1/2	1,824.46	1/2	2,174.17	1/2	2,523.90	1/2	2,873.62	1/2	3,223.15
3/4	86.12	3/4	435.47	3/4	784.86	3/4	1,132.53	3/4	1,482.09	3/4	1,831.74	3/4	2,181.46	3/4	2,531.18	3/4	2,880.90	3/4	3,230.44
3	93.33	3	442.75	3	792.10	3	1,139.81	3	1,489.37	3	1,839.03	3	2,189.74	3	2,538.47	3	2,888.19	3	3,237.72
1/4	100.57	1/4	450.04	1/4	799.33	1/4	1,147.09	1/4	1,496.65	1/4	1,846.32	1/4	2,196.03	1/4	2,545.75	1/4	2,895.47	1/4	3,244.91
1/2	107.82	1/2	457.32	1/2	806.57	1/2	1,154.38	1/2	1,503.94	1/2	1,853.60	1/2	2,203.32	1/2	2,553.04	1/2	2,902.76	1/2	3,252.09
3/4	115.06	3/4	464.61	3/4	813.80	3/4	1,161.66	3/4	1,511.22	3/4	1,860.89	3/4	2,210.60	3/4	2,560.32	3/4	2,910.04	3/4	3,259.28
4	122.30	4	471.89	4	821.03	4	1,168.94	4	1,518.50	4	1,868.17	4	2,217.89	4	2,567.61	4	2,917.33	4	3,266.47
1/4	129.57	1/4	479.18	1/4	828.26	1/4	1,176.22	1/4	1,525.78	1/4	1,875.46	1/4	2,225.18	1/4	2,574.89	1/4	2,924.61	1/4	3,273.28
1/2	136.84	1/2	486.46	1/2	835.50	1/2	1,183.51	1/2	1,533.06	1/2	1,882.74	1/2	2,232.46	1/2	2,582.18	1/2	2,931.89	1/2	3,280.09
3/4	144.10	3/4	493.75	3/4	842.73	3/4	1,190.79	3/4	1,540.34	3/4	1,890.03	3/4	2,239.75	3/4	2,589.46	3/4	2,939.18	3/4	3,286.91
5	151.37	5	501.03	5	849.96	5	1,198.07	5	1,547.62	5	1,897.31	5	2,247.03	5	2,596.75	5	2,946.46	5	3,293.72
1/4	158.65	1/4	508.32	1/4	857.19	1/4	1,205.35	1/4	1,554.90	1/4	1,904.60	1/4	2,254.32	1/4	2,604.04	1/4	2,953.74	1/4	3,300.16
1/2	165.93	1/2	515.60	1/2	864.42	1/2	1,212.64	1/2	1,562.19	1/2	1,911.88	1/2	2,261.60	1/2	2,611.32	1/2	2,961.02	1/2	3,306.59
3/4	173.21	3/4	522.89	3/4	871.66	3/4	1,219.92	3/4	1,569.47	3/4	1,919.17	3/4	2,268.89	3/4	2,618.61	3/4	2,968.30	3/4	3,313.03
6	180.49	6	530.17	6	878.89	6	1,227.20	6	1,576.75	6	1,926.45	6	2,276.17	6	2,625.90	6	2,975.58	6	3,319.47
1/4	187.78	1/4	537.46	1/4	886.12	1/4	1,234.48	1/4	1,584.04	1/4	1,933.74	1/4	2,283.46	1/4	2,633.18	1/4	2,982.86	1/4	3,325.53
1/2	195.07	1/2	544.74	1/2	893.35	1/2	1,241.77	1/2	1,591.32	1/2	1,941.03	1/2	2,290.75	1/2	2,640.47	1/2	2,990.14	1/2	3,331.60
3/4	202.35	3/4	552.03	3/4	900.59	3/4	1,249.05	3/4	1,598.61	3/4	1,948.31	3/4	2,298.03	3/4	2,647.75	3/4	2,997.43	3/4	3,337.66
7	209.64	7	559.31	7	907.82	7	1,256.33	7	1,605.89	7	1,955.60	7	2,305.32	7	2,655.04	7	3,004.71	7	3,343.73
1/4	216.92	1/4	566.60	1/4	915.05	1/4	1,263.61	1/4	1,613.18	1/4	1,962.89	1/4	2,312.61	1/4	2,662.32	1/4	3,011.99	1/4	3,349.42
1/2	224.21	1/2	573.88	1/2	922.28	1/2	1,270.90	1/2	1,620.46	1/2	1,970.17	1/2	2,319.89	1/2	2,669.61	1/2	3,019.27	1/2	3,355.11
3/4	231.49	3/4	581.17	3/4	929.52	3/4	1,278.18	3/4	1,627.75	3/4	1,977.46	3/4	2,327.18	3/4	2,676.89	3/4	3,026.55	3/4	3,360.80
8	238.77	8	588.45	8	936.75	8	1,285.46	8	1,635.03	8	1,984.74	8	2,334.46	8	2,684.18	8	3,033.83	8	3,366.49
1/4	246.06	1/4	595.74	1/4	943.98	1/4	1,292.74	1/4	1,642.32	1/4	1,992.03	1/4	2,341.75	1/4	2,691.47	1/4	3,041.11	1/4	3,371.80
1/2	253.34	1/2	603.02	1/2	951.21	1/2	1,300.03	1/2	1,649.60	1/2	1,999.31	1/2	2,349.04	1/2	2,698.75	1/2	3,048.39	1/2	3,377.12
3/4	260.63	3/4	610.31	3/4	958.44	3/4	1,307.31	3/4	1,656.89	3/4	2,006.60	3/4	2,356.32	3/4	2,706.04	3/4	3,055.68	3/4	3,382.43
9	267.91	9	617.59	9	965.67	9	1,314.59	9	1,664.17	9	2,013.88	9	2,363.61	9	2,713.33	9	3,062.96	9	3,387.75
1/4	275.20	1/4	624.88	1/4	972.90	1/4	1,321.87	1/4	1,671.46	1/4	2,021.17	1/4	2,370.90	1/4	2,720.61	1/4	3,070.24	1/4	3,392.78
1/2	282.48	1/2	632.16	1/2	980.13	1/2	1,329.16	1/2	1,678.74	1/2	2,028.46	1/2	2,378.18	1/2	2,727.90	1/2	3,077.52	1/2	3,397.82
3/4	289.77	3/4	639.45	3/4	987.37	3/4	1,336.44	3/4	1,686.03	3/4	2,035.74	3/4	2,385.47	3/4	2,735.18	3/4	3,084.81	3/4	3,402.85
10	297.05	10	646.73	10	994.60	10	1,343.72	10	1,693.31	10	2,043.03	10	2,392.75	10	2,742.47	10	3,092.09	10	3,407.89
1/4	304.34	1/4	654.02	1/4	1,001.83	1/4	1,351.00	1/4	1,700.60	1/4	2,050.32	1/4	2,400.04	1/4	2,749.76	1/4	3,099.37	1/4	3,412.93
1/2	311.62	1/2	661.30	1/2	1,009.07	1/2	1,358.29	1/2	1,707.89	1/2	2,057.60	1/2	2,407.32	1/2	2,757.04	1/2	3,106.65	1/2	3,417.97
3/4	318.91	3/4	668.59	3/4	1,016.30	3/4	1,365.57	3/4	1,715.17	3/4	2,064.89	3/4	2,414.61	3/4	2,764.33	3/4	3,113.93	3/4	3,423.01
11	326.19	11	675.87	11	1,023.53	11	1,372.85	11	1,722.46	11	2,072.17	11	2,421.89	11	2,771.62	11	3,121.21	11	3,428.05
1/4	333.48	1/4	683.16	1/4	1,030.77	1/4	1,380.13	1/4	1,729.75	1/4	2,079.46	1/4	2,429.18	1/4	2,778.90	1/4	3,128.49	1/4	3,433.09
1/2	340.76	1/2	690.44	1/2	1,038.02	1/2	1,387.42	1/2	1,737.03	1/2	2,086.74	1/2	2,436.47	1/2	2,786.19	1/2	3,135.77	1/2	3,438.13
3/4	348.05	3/4	697.73	3/4	1,045.26	3/4	1,394.70	3/4	1,744.32	3/4	2,094.03	3/4	2,443.75	3/4	2,793.47	3/4	3,143.06	3/4	3,443.18

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.
GAUGE POINT: RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK.

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



BARGE "CTC 29651"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3016"

GAUGE HEIGHT 16-01 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	3,448.22	0	3,690.22	0	3,932.21	0	4,173.19	0	4,414.11	0		0		0		0		0	
1/4	3,453.26	1/4	3,695.26	1/4	3,937.25	1/4	4,178.21	1/4	4,419.05	1/4		1/4		1/4		1/4		1/4	
1/2	3,458.30	1/2	3,700.30	1/2	3,942.28	1/2	4,183.23	1/2	4,423.99	1/2		1/2		1/2		1/2		1/2	
3/4	3,463.35	3/4	3,705.34	3/4	3,947.32	3/4	4,188.25	3/4	4,428.93	3/4		3/4		3/4		3/4		3/4	
1	3,468.39	1	3,710.38	1	3,952.36	1	4,193.27	1	4,433.87	1		1		1		1		1	
1/4	3,473.43	1/4	3,715.42	1/4	3,957.38	1/4	4,198.29	1/4	4,438.79	1/4		1/4		1/4		1/4		1/4	
1/2	3,478.47	1/2	3,720.46	1/2	3,962.39	1/2	4,203.31	1/2	4,443.71	1/2		1/2		1/2		1/2		1/2	
3/4	3,483.51	3/4	3,725.51	3/4	3,967.41	3/4	4,208.33	3/4	4,448.63	3/4		3/4		3/4		3/4		3/4	
2	3,488.55	2	3,730.55	2	3,972.43	2	4,213.35	2	4,453.55	2		2		2		2		2	
1/4	3,493.59	1/4	3,735.59	1/4	3,977.45	1/4	4,218.37	1/4	4,458.45	1/4		1/4		1/4		1/4		1/4	
1/2	3,498.63	1/2	3,740.63	1/2	3,982.47	1/2	4,223.38	1/2	4,463.35	1/2		1/2		1/2		1/2		1/2	
3/4	3,503.68	3/4	3,745.68	3/4	3,987.49	3/4	4,228.40	3/4	4,468.25	3/4		3/4		3/4		3/4		3/4	
3	3,508.72	3	3,750.72	3	3,992.51	3	4,233.42	3	4,473.15	3		3		3		3		3	
1/4	3,513.76	1/4	3,755.76	1/4	3,997.53	1/4	4,238.44	1/4	4,478.03	1/4		1/4		1/4		1/4		1/4	
1/2	3,518.80	1/2	3,760.80	1/2	4,002.55	1/2	4,243.46	1/2	4,482.91	1/2		1/2		1/2		1/2		1/2	
3/4	3,523.85	3/4	3,765.84	3/4	4,007.57	3/4	4,248.48	3/4	4,487.80	3/4		3/4		3/4		3/4		3/4	
4	3,528.89	4	3,770.88	4	4,012.59	4	4,253.50	4	4,492.68	4		4		4		4		4	
1/4	3,533.93	1/4	3,775.92	1/4	4,017.61	1/4	4,258.52	1/4	4,497.54	1/4		1/4		1/4		1/4		1/4	
1/2	3,538.97	1/2	3,780.96	1/2	4,022.62	1/2	4,263.53	1/2	4,502.41	1/2		1/2		1/2		1/2		1/2	
3/4	3,544.01	3/4	3,786.01	3/4	4,027.64	3/4	4,268.55	3/4	4,507.27	3/4		3/4		3/4		3/4		3/4	
5	3,549.05	5	3,791.05	5	4,032.66	5	4,273.57	5	4,512.14	5		5		5		5		5	
1/4	3,554.09	1/4	3,796.09	1/4	4,037.68	1/4	4,278.59	1/4	4,516.49	1/4		1/4		1/4		1/4		1/4	
1/2	3,559.13	1/2	3,801.13	1/2	4,042.70	1/2	4,283.61	1/2	4,520.83	1/2		1/2		1/2		1/2		1/2	
3/4	3,564.18	3/4	3,806.18	3/4	4,047.72	3/4	4,288.63	3/4	4,525.18	3/4		3/4		3/4		3/4		3/4	
6	3,569.22	6	3,811.22	6	4,052.74	6	4,293.65	6	4,529.53	6		6		6		6		6	
1/4	3,574.26	1/4	3,816.26	1/4	4,057.76	1/4	4,298.67	1/4	4,533.05	1/4		1/4		1/4		1/4		1/4	
1/2	3,579.30	1/2	3,821.30	1/2	4,062.77	1/2	4,303.69	1/2	4,536.58	1/2		1/2		1/2		1/2		1/2	
3/4	3,584.35	3/4	3,826.34	3/4	4,067.79	3/4	4,308.71	3/4	4,540.10	3/4		3/4		3/4		3/4		3/4	
7	3,589.39	7	3,831.38	7	4,072.81	7	4,313.73	7	4,543.63	7		7		7		7		7	
1/4	3,594.43	1/4	3,836.42	1/4	4,077.83	1/4	4,318.75	1/4	4,546.33	1/4		1/4		1/4		1/4		1/4	
1/2	3,599.47	1/2	3,841.46	1/2	4,082.85	1/2	4,323.77	1/2	4,549.04	1/2		1/2		1/2		1/2		1/2	
3/4	3,604.51	3/4	3,846.51	3/4	4,087.87	3/4	4,328.79	3/4	4,551.74	3/4		3/4		3/4		3/4		3/4	
8	3,609.55	8	3,851.55	8	4,092.89	8	4,333.81	8	4,554.45	8		8		8		8		8	
1/4	3,614.59	1/4	3,856.59	1/4	4,097.91	1/4	4,338.83	1/4	4,556.33	1/4		1/4		1/4		1/4		1/4	
1/2	3,619.63	1/2	3,861.63	1/2	4,102.93	1/2	4,343.86	1/2	4,558.21	1/2		1/2		1/2		1/2		1/2	
3/4	3,624.68	3/4	3,866.68	3/4	4,107.95	3/4	4,348.88	3/4	4,560.09	3/4		3/4		3/4		3/4		3/4	
9	3,629.72	9	3,871.72	9	4,112.97	9	4,353.90	9	4,561.97	9		9		9		9		9	
1/4	3,634.76	1/4	3,876.76	1/4	4,117.99	1/4	4,358.92	1/4	4,563.03	1/4		1/4		1/4		1/4		1/4	
1/2	3,639.80	1/2	3,881.80	1/2	4,123.00	1/2	4,363.95	1/2	4,564.08	1/2		1/2		1/2		1/2		1/2	
3/4	3,644.85	3/4	3,886.84	3/4	4,128.02	3/4	4,368.97	3/4	4,565.14	3/4		3/4		3/4		3/4		3/4	
10	3,649.89	10	3,891.88	10	4,133.04	10	4,373.99	10	4,566.20	10		10		10		10		10	
1/4	3,654.93	1/4	3,896.92	1/4	4,138.06	1/4	4,379.01	1/4	4,566.54	1/4		1/4		1/4		1/4		1/4	
1/2	3,659.97	1/2	3,901.96	1/2	4,143.08	1/2	4,384.04	1/2	4,566.88	1/2		1/2		1/2		1/2		1/2	
3/4	3,665.01	3/4	3,907.01	3/4	4,148.10	3/4	4,389.06	3/4	4,567.22	3/4		3/4		3/4		3/4		3/4	
11	3,670.05	11	3,912.05	11	4,153.12	11	4,394.08	11		11		11		11		11		11	
1/4	3,675.09	1/4	3,917.09	1/4	4,158.14	1/4	4,399.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,680.13	1/2	3,922.13	1/2	4,163.15	1/2	4,404.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,685.18	3/4	3,927.17	3/4	4,168.17	3/4	4,409.10	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/13/2015 JMF
RECOMPUTED: 03/31/2023 JS
NAME CHANGE: 03/31/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

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



BARGE "CTC 29651"

PORT SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3016"

GAUGE HEIGHT 6'-05 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	5	1/4	948	1/4	2,073	1/4	3,199	1/4	4,325	1/4		1/4		1/4		1/4		1/4	
1/2	9	1/2	971	1/2	2,097	1/2	3,222	1/2	4,348	1/2		1/2		1/2		1/2		1/2	
3/4	13	3/4	995	3/4	2,120	3/4	3,246	3/4	4,372	3/4		3/4		3/4		3/4		3/4	
1	17	1	1,018	1	2,143	1	3,269	1	4,395	1		1		1		1		1	
1/4	26	1/4	1,042	1/4	2,167	1/4	3,293	1/4	4,418	1/4		1/4		1/4		1/4		1/4	
1/2	35	1/2	1,065	1/2	2,190	1/2	3,316	1/2	4,442	1/2		1/2		1/2		1/2		1/2	
3/4	43	3/4	1,089	3/4	2,214	3/4	3,340	3/4	4,465	3/4		3/4		3/4		3/4		3/4	
2	52	2	1,112	2	2,237	2	3,363	2	4,488	2		2		2		2		2	
1/4	65	1/4	1,135	1/4	2,261	1/4	3,387	1/4	4,512	1/4		1/4		1/4		1/4		1/4	
1/2	78	1/2	1,159	1/2	2,284	1/2	3,410	1/2	4,535	1/2		1/2		1/2		1/2		1/2	
3/4	91	3/4	1,182	3/4	2,308	3/4	3,434	3/4	4,559	3/4		3/4		3/4		3/4		3/4	
3	104	3	1,205	3	2,331	3	3,457	3	4,582	3		3		3		3		3	
1/4	122	1/4	1,229	1/4	2,355	1/4	3,480	1/4	4,606	1/4		1/4		1/4		1/4		1/4	
1/2	140	1/2	1,252	1/2	2,378	1/2	3,504	1/2	4,629	1/2		1/2		1/2		1/2		1/2	
3/4	157	3/4	1,276	3/4	2,402	3/4	3,527	3/4	4,653	3/4		3/4		3/4		3/4		3/4	
4	175	4	1,299	4	2,425	4	3,550	4	4,676	4		4		4		4		4	
1/4	198	1/4	1,323	1/4	2,449	1/4	3,574	1/4	4,700	1/4		1/4		1/4		1/4		1/4	
1/2	221	1/2	1,346	1/2	2,472	1/2	3,597	1/2	4,723	1/2		1/2		1/2		1/2		1/2	
3/4	244	3/4	1,370	3/4	2,496	3/4	3,621	3/4	4,747	3/4		3/4		3/4		3/4		3/4	
5	267	5	1,393	5	2,519	5	3,644	5	4,770	5		5		5		5		5	
1/4	291	1/4	1,417	1/4	2,542	1/4	3,668	1/4	4,794	1/4		1/4		1/4		1/4		1/4	
1/2	314	1/2	1,440	1/2	2,566	1/2	3,691	1/2	4,817	1/2		1/2		1/2		1/2		1/2	
3/4	338	3/4	1,464	3/4	2,589	3/4	3,715	3/4	4,841	3/4		3/4		3/4		3/4		3/4	
6	361	6	1,487	6	2,612	6	3,738	6	4,864	6		6		6		6		6	
1/4	385	1/4	1,511	1/4	2,636	1/4	3,762	1/4	4,887	1/4		1/4		1/4		1/4		1/4	
1/2	408	1/2	1,534	1/2	2,659	1/2	3,785	1/2	4,911	1/2		1/2		1/2		1/2		1/2	
3/4	432	3/4	1,558	3/4	2,683	3/4	3,809	3/4	4,934	3/4		3/4		3/4		3/4		3/4	
7	455	7	1,581	7	2,706	7	3,832	7	4,957	7		7		7		7		7	
1/4	479	1/4	1,604	1/4	2,730	1/4	3,856	1/4	4,981	1/4		1/4		1/4		1/4		1/4	
1/2	502	1/2	1,628	1/2	2,753	1/2	3,879	1/2	5,004	1/2		1/2		1/2		1/2		1/2	
3/4	526	3/4	1,651	3/4	2,777	3/4	3,903	3/4	5,028	3/4		3/4		3/4		3/4		3/4	
8	549	8	1,674	8	2,800	8	3,926	8	5,051	8		8		8		8		8	
1/4	573	1/4	1,698	1/4	2,824	1/4	3,949	1/4	5,075	1/4		1/4		1/4		1/4		1/4	
1/2	596	1/2	1,721	1/2	2,847	1/2	3,973	1/2	5,098	1/2		1/2		1/2		1/2		1/2	
3/4	620	3/4	1,745	3/4	2,871	3/4	3,996	3/4	5,122	3/4		3/4		3/4		3/4		3/4	
9	643	9	1,768	9	2,894	9	4,019	9	5,145	9		9		9		9		9	
1/4	666	1/4	1,792	1/4	2,918	1/4	4,043	1/4	5,169	1/4		1/4		1/4		1/4		1/4	
1/2	690	1/2	1,815	1/2	2,941	1/2	4,066	1/2	5,192	1/2		1/2		1/2		1/2		1/2	
3/4	713	3/4	1,839	3/4	2,965	3/4	4,090	3/4	5,216	3/4		3/4		3/4		3/4		3/4	
10	736	10	1,862	10	2,988	10	4,113	10	5,239	10		10		10		10		10	
1/4	760	1/4	1,886	1/4	3,011	1/4	4,137	1/4	5,262	1/4		1/4		1/4		1/4		1/4	
1/2	783	1/2	1,909	1/2	3,035	1/2	4,160	1/2	5,286	1/2		1/2		1/2		1/2		1/2	
3/4	807	3/4	1,933	3/4	3,058	3/4	4,184	3/4	5,309	3/4		3/4		3/4		3/4		3/4	
11	830	11	1,956	11	3,081	11	4,207	11		11		11		11		11		11	
1/4	854	1/4	1,980	1/4	3,105	1/4	4,231	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	877	1/2	2,003	1/2	3,128	1/2	4,254	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	901	3/4	2,027	3/4	3,152	3/4	4,278	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 TAKEN TO TOP OF HERMETIC VALVE.

STRAPPED: 03/13/2015 JMF
RECALCULATED: 03/31/2023 JS
NAME CHANGE: 03/31/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "CTC 29651"

STBD SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3016"

GAUGE HEIGHT 6'-04 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	71	1/4	1,115	1/4	2,204	1/4	3,292	1/4	4,380	1/4		1/4		1/4		1/4		1/4	
1/2	85	1/2	1,138	1/2	2,226	1/2	3,315	1/2	4,403	1/2		1/2		1/2		1/2		1/2	
3/4	98	3/4	1,160	3/4	2,249	3/4	3,337	3/4	4,425	3/4		3/4		3/4		3/4		3/4	
1	112	1	1,183	1	2,271	1	3,360	1	4,448	1		1		1		1		1	
1/4	131	1/4	1,206	1/4	2,294	1/4	3,383	1/4	4,471	1/4		1/4		1/4		1/4		1/4	
1/2	149	1/2	1,229	1/2	2,317	1/2	3,405	1/2	4,494	1/2		1/2		1/2		1/2		1/2	
3/4	168	3/4	1,251	3/4	2,339	3/4	3,428	3/4	4,516	3/4		3/4		3/4		3/4		3/4	
2	186	2	1,274	2	2,362	2	3,450	2	4,539	2		2		2		2		2	
1/4	209	1/4	1,297	1/4	2,385	1/4	3,473	1/4	4,562	1/4		1/4		1/4		1/4		1/4	
1/2	231	1/2	1,320	1/2	2,408	1/2	3,496	1/2	4,584	1/2		1/2		1/2		1/2		1/2	
3/4	254	3/4	1,342	3/4	2,430	3/4	3,518	3/4	4,607	3/4		3/4		3/4		3/4		3/4	
3	276	3	1,365	3	2,453	3	3,541	3	4,629	3		3		3		3		3	
1/4	299	1/4	1,388	1/4	2,476	1/4	3,564	1/4	4,652	1/4		1/4		1/4		1/4		1/4	
1/2	322	1/2	1,410	1/2	2,498	1/2	3,587	1/2	4,675	1/2		1/2		1/2		1/2		1/2	
3/4	344	3/4	1,433	3/4	2,521	3/4	3,609	3/4	4,697	3/4		3/4		3/4		3/4		3/4	
4	367	4	1,455	4	2,543	4	3,632	4	4,720	4		4		4		4		4	
1/4	390	1/4	1,478	1/4	2,566	1/4	3,655	1/4	4,743	1/4		1/4		1/4		1/4		1/4	
1/2	413	1/2	1,501	1/2	2,589	1/2	3,677	1/2	4,766	1/2		1/2		1/2		1/2		1/2	
3/4	435	3/4	1,523	3/4	2,611	3/4	3,700	3/4	4,788	3/4		3/4		3/4		3/4		3/4	
5	458	5	1,546	5	2,634	5	3,722	5	4,811	5		5		5		5		5	
1/4	481	1/4	1,569	1/4	2,657	1/4	3,745	1/4	4,834	1/4		1/4		1/4		1/4		1/4	
1/2	503	1/2	1,592	1/2	2,680	1/2	3,768	1/2	4,856	1/2		1/2		1/2		1/2		1/2	
3/4	526	3/4	1,614	3/4	2,702	3/4	3,790	3/4	4,879	3/4		3/4		3/4		3/4		3/4	
6	548	6	1,637	6	2,725	6	3,813	6	4,901	6		6		6		6		6	
1/4	571	1/4	1,660	1/4	2,748	1/4	3,836	1/4	4,924	1/4		1/4		1/4		1/4		1/4	
1/2	594	1/2	1,682	1/2	2,771	1/2	3,859	1/2	4,947	1/2		1/2		1/2		1/2		1/2	
3/4	616	3/4	1,705	3/4	2,793	3/4	3,881	3/4	4,969	3/4		3/4		3/4		3/4		3/4	
7	639	7	1,727	7	2,816	7	3,904	7	4,992	7		7		7		7		7	
1/4	662	1/4	1,750	1/4	2,839	1/4	3,927	1/4	5,015	1/4		1/4		1/4		1/4		1/4	
1/2	685	1/2	1,773	1/2	2,861	1/2	3,949	1/2	5,038	1/2		1/2		1/2		1/2		1/2	
3/4	707	3/4	1,795	3/4	2,884	3/4	3,972	3/4	5,060	3/4		3/4		3/4		3/4		3/4	
8	730	8	1,818	8	2,906	8	3,994	8	5,083	8		8		8		8		8	
1/4	753	1/4	1,841	1/4	2,929	1/4	4,017	1/4	5,105	1/4		1/4		1/4		1/4		1/4	
1/2	775	1/2	1,864	1/2	2,952	1/2	4,040	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	798	3/4	1,886	3/4	2,974	3/4	4,062	3/4		3/4		3/4		3/4		3/4		3/4	
9	820	9	1,909	9	2,997	9	4,085	9		9		9		9		9		9	
1/4	843	1/4	1,932	1/4	3,020	1/4	4,108	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	866	1/2	1,954	1/2	3,043	1/2	4,131	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	888	3/4	1,977	3/4	3,065	3/4	4,153	3/4		3/4		3/4		3/4		3/4		3/4	
10	911	10	1,999	10	3,088	10	4,176	10		10		10		10		10		10	
1/4	934	1/4	2,022	1/4	3,111	1/4	4,199	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	957	1/2	2,045	1/2	3,133	1/2	4,222	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	979	3/4	2,067	3/4	3,156	3/4	4,244	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,002	11	2,090	11	3,178	11	4,267	11		11		11		11		11		11	
1/4	1,025	1/4	2,113	1/4	3,201	1/4	4,290	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,047	1/2	2,136	1/2	3,224	1/2	4,312	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,070	3/4	2,158	3/4	3,246	3/4	4,335	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 TAKEN TO TOP OF HERMETIC VALVE.

STRAPPED: 03/13/2015 JMF
RECALCULATED: 03/31/2023 JS
NAME CHANGE: 03/31/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTC 29651"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3016"

GAUGE HEIGHT 16-01 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		0	4,615.66	0	4,289.15	0	3,961.53	0	3,632.12	0	3,302.72	0	2,973.31	0	2,643.91	0	2,314.50
1/4		1/4		1/4	4,608.96	1/4	4,282.33	1/4	3,954.67	1/4	3,625.26	1/4	3,295.86	1/4	2,966.45	1/4	2,637.05	1/4	2,307.64
1/2		1/2		1/2	4,602.24	1/2	4,275.51	1/2	3,947.81	1/2	3,618.40	1/2	3,289.00	1/2	2,959.59	1/2	2,630.19	1/2	2,300.78
3/4		3/4		3/4	4,595.53	3/4	4,268.69	3/4	3,940.95	3/4	3,611.53	3/4	3,282.13	3/4	2,952.72	3/4	2,623.32	3/4	2,293.91
1		1		1	4,588.81	1	4,261.86	1	3,934.08	1	3,604.67	1	3,275.27	1	2,945.86	1	2,616.46	1	2,287.05
1/4		1/4		1/4	4,582.09	1/4	4,255.04	1/4	3,927.22	1/4	3,597.81	1/4	3,268.41	1/4	2,939.00	1/4	2,609.60	1/4	2,280.19
1/2		1/2		1/2	4,575.35	1/2	4,248.22	1/2	3,920.36	1/2	3,590.95	1/2	3,261.55	1/2	2,932.14	1/2	2,602.74	1/2	2,273.33
3/4		3/4		3/4	4,568.60	3/4	4,241.40	3/4	3,913.50	3/4	3,584.08	3/4	3,254.68	3/4	2,925.27	3/4	2,595.87	3/4	2,266.46
2		2		2	4,561.86	2	4,234.57	2	3,906.63	2	3,577.22	2	3,247.82	2	2,918.41	2	2,589.01	2	2,259.60
1/4		1/4		1/4	4,555.11	1/4	4,227.75	1/4	3,899.77	1/4	3,570.36	1/4	3,240.96	1/4	2,911.55	1/4	2,582.15	1/4	2,252.74
1/2		1/2		1/2	4,548.34	1/2	4,220.93	1/2	3,892.91	1/2	3,563.50	1/2	3,234.10	1/2	2,904.69	1/2	2,575.29	1/2	2,245.88
3/4		3/4		3/4	4,541.57	3/4	4,214.10	3/4	3,886.05	3/4	3,556.63	3/4	3,227.23	3/4	2,897.82	3/4	2,568.42	3/4	2,239.01
3		3		3	4,534.80	3	4,207.28	3	3,879.18	3	3,549.77	3	3,220.37	3	2,890.96	3	2,561.56	3	2,232.15
1/4		1/4	4,767.63	1/4	4,528.03	1/4	4,200.45	1/4	3,872.32	1/4	3,542.91	1/4	3,213.51	1/4	2,884.10	1/4	2,554.70	1/4	2,225.29
1/2		1/2	4,767.14	1/2	4,521.20	1/2	4,193.63	1/2	3,865.46	1/2	3,536.05	1/2	3,206.65	1/2	2,877.24	1/2	2,547.84	1/2	2,218.43
3/4		3/4	4,766.64	3/4	4,514.38	3/4	4,186.81	3/4	3,858.59	3/4	3,529.18	3/4	3,199.78	3/4	2,870.37	3/4	2,540.97	3/4	2,211.56
4		4	4,766.15	4	4,507.55	4	4,179.98	4	3,851.73	4	3,522.32	4	3,192.92	4	2,863.51	4	2,534.11	4	2,204.70
1/4		1/4	4,765.65	1/4	4,500.72	1/4	4,173.16	1/4	3,844.87	1/4	3,515.46	1/4	3,186.06	1/4	2,856.65	1/4	2,527.25	1/4	2,197.84
1/2		1/2	4,764.05	1/2	4,493.90	1/2	4,166.34	1/2	3,838.01	1/2	3,508.60	1/2	3,179.20	1/2	2,849.79	1/2	2,520.39	1/2	2,190.98
3/4		3/4	4,762.46	3/4	4,487.07	3/4	4,159.52	3/4	3,831.14	3/4	3,501.73	3/4	3,172.33	3/4	2,842.92	3/4	2,513.52	3/4	2,184.11
5		5	4,760.86	5	4,480.25	5	4,152.69	5	3,824.28	5	3,494.87	5	3,165.47	5	2,836.06	5	2,506.66	5	2,177.25
1/4		1/4	4,759.26	1/4	4,473.42	1/4	4,145.87	1/4	3,817.42	1/4	3,488.01	1/4	3,158.61	1/4	2,829.20	1/4	2,499.80	1/4	2,170.39
1/2		1/2	4,756.55	1/2	4,466.60	1/2	4,139.05	1/2	3,810.56	1/2	3,481.15	1/2	3,151.75	1/2	2,822.34	1/2	2,492.94	1/2	2,163.53
3/4		3/4	4,753.84	3/4	4,459.77	3/4	4,132.23	3/4	3,803.69	3/4	3,474.28	3/4	3,144.88	3/4	2,815.47	3/4	2,486.07	3/4	2,156.66
6		6	4,751.12	6	4,452.95	6	4,125.40	6	3,796.83	6	3,467.42	6	3,138.02	6	2,808.61	6	2,479.21	6	2,149.80
1/4		1/4	4,748.41	1/4	4,446.12	1/4	4,118.58	1/4	3,789.97	1/4	3,460.56	1/4	3,131.16	1/4	2,801.75	1/4	2,472.35	1/4	2,142.94
1/2		1/2	4,744.58	1/2	4,439.30	1/2	4,111.76	1/2	3,783.11	1/2	3,453.70	1/2	3,124.30	1/2	2,794.89	1/2	2,465.49	1/2	2,136.08
3/4		3/4	4,740.74	3/4	4,432.47	3/4	4,104.94	3/4	3,776.24	3/4	3,446.83	3/4	3,117.43	3/4	2,788.02	3/4	2,458.62	3/4	2,129.21
7		7	4,736.91	7	4,425.65	7	4,098.11	7	3,769.38	7	3,439.97	7	3,110.57	7	2,781.16	7	2,451.76	7	2,122.35
1/4		1/4	4,733.07	1/4	4,418.82	1/4	4,091.29	1/4	3,762.52	1/4	3,433.11	1/4	3,103.71	1/4	2,774.30	1/4	2,444.90	1/4	2,115.49
1/2		1/2	4,728.12	1/2	4,412.00	1/2	4,084.47	1/2	3,755.66	1/2	3,426.25	1/2	3,096.85	1/2	2,767.44	1/2	2,438.04	1/2	2,108.63
3/4		3/4	4,723.17	3/4	4,405.17	3/4	4,077.64	3/4	3,748.79	3/4	3,419.38	3/4	3,089.98	3/4	2,760.57	3/4	2,431.17	3/4	2,101.76
8		8	4,718.21	8	4,398.35	8	4,070.82	8	3,741.93	8	3,412.52	8	3,083.12	8	2,753.71	8	2,424.31	8	2,094.90
1/4		1/4	4,713.26	1/4	4,391.52	1/4	4,063.99	1/4	3,735.07	1/4	3,405.66	1/4	3,076.26	1/4	2,746.85	1/4	2,417.45	1/4	2,088.04
1/2		1/2	4,707.19	1/2	4,384.70	1/2	4,057.17	1/2	3,728.20	1/2	3,398.80	1/2	3,069.40	1/2	2,739.99	1/2	2,410.59	1/2	2,081.18
3/4		3/4	4,701.12	3/4	4,377.87	3/4	4,050.35	3/4	3,721.34	3/4	3,391.93	3/4	3,062.53	3/4	2,733.12	3/4	2,403.72	3/4	2,074.31
9		9	4,695.05	9	4,371.05	9	4,043.52	9	3,714.47	9	3,385.07	9	3,055.67	9	2,726.26	9	2,396.86	9	2,067.45
1/4		1/4	4,688.98	1/4	4,364.22	1/4	4,036.70	1/4	3,707.61	1/4	3,378.21	1/4	3,048.81	1/4	2,719.40	1/4	2,390.00	1/4	2,060.59
1/2		1/2	4,682.34	1/2	4,357.39	1/2	4,029.88	1/2	3,700.75	1/2	3,371.35	1/2	3,041.94	1/2	2,712.54	1/2	2,383.14	1/2	2,053.73
3/4		3/4	4,675.70	3/4	4,350.57	3/4	4,023.06	3/4	3,693.88	3/4	3,364.48	3/4	3,035.08	3/4	2,705.67	3/4	2,376.27	3/4	2,046.86
10		10	4,669.05	10	4,343.74	10	4,016.23	10	3,687.02	10	3,357.62	10	3,028.21	10	2,698.81	10	2,369.41	10	2,040.00
1/4		1/4	4,662.41	1/4	4,336.91	1/4	4,009.41	1/4	3,680.16	1/4	3,350.76	1/4	3,021.35	1/4	2,691.95	1/4	2,362.55	1/4	2,033.14
1/2		1/2	4,655.74	1/2	4,330.09	1/2	4,002.59	1/2	3,673.30	1/2	3,343.90	1/2	3,014.49	1/2	2,685.09	1/2	2,355.68	1/2	2,026.28
3/4		3/4	4,649.08	3/4	4,323.27	3/4	3,995.77	3/4	3,666.43	3/4	3,337.03	3/4	3,007.62	3/4	2,678.22	3/4	2,348.82	3/4	2,019.41
11		11	4,642.41	11	4,316.44	11	3,988.94	11	3,659.57	11	3,330.17	11	3,000.76	11	2,671.36	11	2,341.95	11	2,012.55
1/4		1/4	4,635.74	1/4	4,309.62	1/4	3,982.12	1/4	3,652.71	1/4	3,323.31	1/4	2,993.90	1/4	2,664.50	1/4	2,335.09	1/4	2,005.69
1/2		1/2	4,629.05	1/2	4,302.80	1/2	3,975.26	1/2	3,645.85	1/2	3,316.45	1/2	2,987.04	1/2	2,657.64	1/2	2,328.23	1/2	1,998.83
3/4		3/4	4,622.35	3/4	4,295.98	3/4	3,968.40	3/4	3,638.98	3/4	3,309.58	3/4	2,980.17	3/4	2,650.77	3/4	2,321.36	3/4	1,991.96

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.
GAUGE POINT: RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
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BARGE "CTC 29651"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3016"

GAUGE HEIGHT 16-01 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	1,985.10	0	1,655.69	0	1,326.29	0	996.89	0	667.57	0	315.43	0	29.41	0		0		0	
1/4	1,978.24	1/4	1,648.83	1/4	1,319.43	1/4	990.03	1/4	660.71	1/4	308.94	1/4	24.63	1/4	1/4	1/4		1/4	
1/2	1,971.38	1/2	1,641.97	1/2	1,312.57	1/2	983.16	1/2	653.84	1/2	302.52	1/2	21.26	1/2	1/2	1/2		1/2	
3/4	1,964.51	3/4	1,635.10	3/4	1,305.70	3/4	976.30	3/4	646.98	3/4	296.10	3/4	17.89	3/4	3/4	3/4		3/4	
1	1,957.65	1	1,628.24	1	1,298.84	1	969.43	1	640.11	1	289.68	1	14.52	1	1	1		1	
1/4	1,950.79	1/4	1,621.38	1/4	1,291.98	1/4	962.57	1/4	633.25	1/4	283.26	1/4	11.15	1/4	1/4	1/4		1/4	
1/2	1,943.93	1/2	1,614.52	1/2	1,285.12	1/2	955.70	1/2	626.38	1/2	276.91	1/2		1/2	1/2	1/2		1/2	
3/4	1,937.06	3/4	1,607.65	3/4	1,278.25	3/4	948.84	3/4	619.52	3/4	270.57	3/4		3/4	3/4	3/4		3/4	
2	1,930.20	2	1,600.79	2	1,271.39	2	941.97	2	612.65	2	264.22	2		2	2	2		2	
1/4	1,923.34	1/4	1,593.93	1/4	1,264.53	1/4	935.11	1/4	605.79	1/4	257.88	1/4		1/4	1/4	1/4		1/4	
1/2	1,916.48	1/2	1,587.07	1/2	1,257.67	1/2	928.25	1/2	598.93	1/2	251.61	1/2		1/2	1/2	1/2		1/2	
3/4	1,909.61	3/4	1,580.20	3/4	1,250.80	3/4	921.39	3/4	592.06	3/4	245.34	3/4		3/4	3/4	3/4		3/4	
3	1,902.75	3	1,573.34	3	1,243.94	3	914.53	3	585.20	3	239.08	3		3	3	3		3	
1/4	1,895.89	1/4	1,566.48	1/4	1,237.08	1/4	907.67	1/4	578.34	1/4	232.81	1/4		1/4	1/4	1/4		1/4	
1/2	1,889.03	1/2	1,559.62	1/2	1,230.22	1/2	900.81	1/2	571.47	1/2	226.61	1/2		1/2	1/2	1/2		1/2	
3/4	1,882.16	3/4	1,552.75	3/4	1,223.35	3/4	893.95	3/4	564.61	3/4	220.42	3/4		3/4	3/4	3/4		3/4	
4	1,875.30	4	1,545.89	4	1,216.49	4	887.09	4	557.74	4	214.22	4		4	4	4		4	
1/4	1,868.44	1/4	1,539.03	1/4	1,209.63	1/4	880.23	1/4	550.88	1/4	208.03	1/4		1/4	1/4	1/4		1/4	
1/2	1,861.58	1/2	1,532.17	1/2	1,202.77	1/2	873.37	1/2	544.07	1/2	201.91	1/2		1/2	1/2	1/2		1/2	
3/4	1,854.71	3/4	1,525.30	3/4	1,195.90	3/4	866.51	3/4	537.25	3/4	195.79	3/4		3/4	3/4	3/4		3/4	
5	1,847.85	5	1,518.44	5	1,189.04	5	859.65	5	530.44	5	189.68	5		5	5	5		5	
1/4	1,840.99	1/4	1,511.58	1/4	1,182.18	1/4	852.79	1/4	523.63	1/4	183.56	1/4		1/4	1/4	1/4		1/4	
1/2	1,834.13	1/2	1,504.72	1/2	1,175.32	1/2	845.93	1/2	516.82	1/2	177.52	1/2		1/2	1/2	1/2		1/2	
3/4	1,827.26	3/4	1,497.85	3/4	1,168.45	3/4	839.07	3/4	510.00	3/4	171.48	3/4		3/4	3/4	3/4		3/4	
6	1,820.40	6	1,490.99	6	1,161.59	6	832.21	6	503.19	6	165.44	6		6	6	6		6	
1/4	1,813.54	1/4	1,484.13	1/4	1,154.73	1/4	825.35	1/4	496.38	1/4	159.40	1/4		1/4	1/4	1/4		1/4	
1/2	1,806.68	1/2	1,477.27	1/2	1,147.87	1/2	818.49	1/2	489.57	1/2	153.44	1/2		1/2	1/2	1/2		1/2	
3/4	1,799.81	3/4	1,470.40	3/4	1,141.00	3/4	811.63	3/4	482.75	3/4	147.47	3/4		3/4	3/4	3/4		3/4	
7	1,792.95	7	1,463.54	7	1,134.14	7	804.77	7	475.94	7	141.51	7		7	7	7		7	
1/4	1,786.09	1/4	1,456.68	1/4	1,127.28	1/4	797.91	1/4	469.13	1/4	135.55	1/4		1/4	1/4	1/4		1/4	
1/2	1,779.23	1/2	1,449.82	1/2	1,118.17	1/2	791.05	1/2	455.52	1/2	129.67	1/2		1/2	1/2	1/2		1/2	
3/4	1,772.36	3/4	1,442.95	3/4	1,109.05	3/4	784.19	3/4	441.91	3/4	123.79	3/4		3/4	3/4	3/4		3/4	
8	1,765.50	8	1,436.09	8	1,099.94	8	777.33	8	428.30	8	117.91	8		8	8	8		8	
1/4	1,758.64	1/4	1,429.23	1/4	1,090.83	1/4	770.47	1/4	414.69	1/4	112.03	1/4		1/4	1/4	1/4		1/4	
1/2	1,751.78	1/2	1,422.37	1/2	1,086.22	1/2	763.61	1/2	407.97	1/2	106.24	1/2		1/2	1/2	1/2		1/2	
3/4	1,744.91	3/4	1,415.50	3/4	1,081.60	3/4	756.75	3/4	401.24	3/4	100.45	3/4		3/4	3/4	3/4		3/4	
9	1,738.05	9	1,408.64	9	1,076.99	9	749.89	9	394.52	9	94.66	9		9	9	9		9	
1/4	1,731.19	1/4	1,401.78	1/4	1,072.38	1/4	743.03	1/4	387.80	1/4	88.87	1/4		1/4	1/4	1/4		1/4	
1/2	1,724.33	1/2	1,394.91	1/2	1,065.52	1/2	736.17	1/2	381.15	1/2	83.17	1/2		1/2	1/2	1/2		1/2	
3/4	1,717.46	3/4	1,388.04	3/4	1,058.65	3/4	729.31	3/4	374.50	3/4	77.48	3/4		3/4	3/4	3/4		3/4	
10	1,710.60	10	1,381.17	10	1,051.79	10	722.45	10	367.86	10	71.78	10		10	10	10		10	
1/4	1,703.74	1/4	1,374.30	1/4	1,044.93	1/4	715.59	1/4	361.21	1/4	66.09	1/4		1/4	1/4	1/4		1/4	
1/2	1,696.88	1/2	1,367.44	1/2	1,038.07	1/2	708.73	1/2	354.64	1/2	60.51	1/2		1/2	1/2	1/2		1/2	
3/4	1,690.01	3/4	1,360.59	3/4	1,031.20	3/4	701.87	3/4	348.06	3/4	54.92	3/4		3/4	3/4	3/4		3/4	
11	1,683.15	11	1,353.73	11	1,024.34	11	695.01	11	341.49	11	49.34	11		11	11	11		11	
1/4	1,676.29	1/4	1,346.88	1/4	1,017.48	1/4	688.15	1/4	334.92	1/4	43.76	1/4		1/4	1/4	1/4		1/4	
1/2	1,669.42	1/2	1,340.02	1/2	1,010.62	1/2	681.29	1/2	328.42	1/2	38.98	1/2		1/2	1/2	1/2		1/2	
3/4	1,662.56	3/4	1,333.15	3/4	1,003.75	3/4	674.43	3/4	321.93	3/4	34.19	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/13/2015 JMF
RECOMPUTED: 03/31/2023 JS
NAME CHANGE: 03/31/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

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



BARGE "CTC 29651"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3016"

GAUGE HEIGHT 16-02"

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		0	4,634.47	0	4,308.90	0	3,981.62	0	3,652.29	0	3,322.95	0	2,993.62	0	2,664.29	0	2,334.96	
1/4	1/4	1/4	4,627.79	1/4	4,302.08	1/4	3,974.76	1/4	3,645.43	1/4	3,316.09	1/4	2,986.76	1/4	2,657.43	1/4	2,328.10			
1/2	1/2	1/2	4,621.11	1/2	4,295.27	1/2	3,967.90	1/2	3,638.57	1/2	3,309.23	1/2	2,979.90	1/2	2,650.56	1/2	2,321.23			
3/4	3/4	3/4	4,614.43	3/4	4,288.45	3/4	3,961.04	3/4	3,631.70	3/4	3,302.37	3/4	2,973.04	3/4	2,643.70	3/4	2,314.37			
1		1	4,607.75	1	4,281.63	1	3,954.18	1	3,624.84	1	3,295.51	1	2,966.18	1	2,636.84	1	2,307.51			
1/4	1/4	1/4	4,601.05	1/4	4,274.81	1/4	3,947.32	1/4	3,617.98	1/4	3,288.65	1/4	2,959.32	1/4	2,629.98	1/4	2,300.65			
1/2	1/2	1/2	4,594.34	1/2	4,268.00	1/2	3,940.46	1/2	3,611.12	1/2	3,281.79	1/2	2,952.45	1/2	2,623.12	1/2	2,293.79			
3/4	3/4	3/4	4,587.64	3/4	4,261.18	3/4	3,933.59	3/4	3,604.26	3/4	3,274.93	3/4	2,945.59	3/4	2,616.26	3/4	2,286.93			
2		2	4,580.93	2	4,254.36	2	3,926.73	2	3,597.40	2	3,268.07	2	2,938.73	2	2,609.40	2	2,280.07			
1/4	1/4	1/4	4,574.20	1/4	4,247.54	1/4	3,919.87	1/4	3,590.54	1/4	3,261.21	1/4	2,931.87	1/4	2,602.54	1/4	2,273.21			
1/2	1/2	1/2	4,567.47	1/2	4,240.72	1/2	3,913.01	1/2	3,583.68	1/2	3,254.34	1/2	2,925.01	1/2	2,595.68	1/2	2,266.34			
3/4	3/4	3/4	4,560.73	3/4	4,233.90	3/4	3,906.15	3/4	3,576.81	3/4	3,247.48	3/4	2,918.15	3/4	2,588.82	3/4	2,259.48			
3		3	4,554.00	3	4,227.08	3	3,899.29	3	3,569.95	3	3,240.62	3	2,911.29	3	2,581.96	3	2,252.62			
1/4	1/4	1/4	4,547.25	1/4	4,220.26	1/4	3,892.43	1/4	3,563.09	1/4	3,233.76	1/4	2,904.43	1/4	2,575.10	1/4	2,245.76			
1/2	1/2	1/2	4,540.49	1/2	4,213.45	1/2	3,885.57	1/2	3,556.23	1/2	3,226.90	1/2	2,897.56	1/2	2,568.23	1/2	2,238.90			
3/4	3/4	3/4	4,533.74	3/4	4,206.63	3/4	3,878.70	3/4	3,549.37	3/4	3,220.04	3/4	2,890.70	3/4	2,561.37	3/4	2,232.04			
4		4	4,772.75	4	4,526.98	4	4,199.81	4	3,871.84	4	3,542.51	4	3,213.18	4	2,883.84	4	2,554.51	4	2,225.18	
1/4	1/4	4,771.99	1/4	4,520.17	1/4	4,192.99	1/4	3,864.98	1/4	3,535.65	1/4	3,206.32	1/4	2,876.98	1/4	2,547.65	1/4	2,218.32		
1/2	1/2	4,771.24	1/2	4,513.35	1/2	4,186.18	1/2	3,858.12	1/2	3,528.79	1/2	3,199.45	1/2	2,870.12	1/2	2,540.79	1/2	2,211.45		
3/4	3/4	4,770.48	3/4	4,506.54	3/4	4,179.36	3/4	3,851.26	3/4	3,521.93	3/4	3,192.59	3/4	2,863.26	3/4	2,533.93	3/4	2,204.59		
5		5	4,769.72	5	4,499.72	5	4,172.54	5	3,844.40	5	3,515.07	5	3,185.73	5	2,856.40	5	2,527.07	5	2,197.73	
1/4	1/4	4,767.85	1/4	4,492.91	1/4	4,165.72	1/4	3,837.54	1/4	3,508.21	1/4	3,178.87	1/4	2,849.54	1/4	2,520.21	1/4	2,190.87		
1/2	1/2	4,765.97	1/2	4,486.09	1/2	4,158.90	1/2	3,830.68	1/2	3,501.35	1/2	3,172.01	1/2	2,842.68	1/2	2,513.34	1/2	2,184.01		
3/4	3/4	4,764.10	3/4	4,479.28	3/4	4,152.08	3/4	3,823.81	3/4	3,494.48	3/4	3,165.15	3/4	2,835.82	3/4	2,506.48	3/4	2,177.15		
6		6	4,762.22	6	4,472.46	6	4,145.26	6	3,816.95	6	3,487.62	6	3,158.29	6	2,828.96	6	2,499.62	6	2,170.29	
1/4	1/4	4,759.23	1/4	4,465.65	1/4	4,138.44	1/4	3,810.09	1/4	3,480.76	1/4	3,151.43	1/4	2,822.10	1/4	2,492.76	1/4	2,163.43		
1/2	1/2	4,756.23	1/2	4,458.84	1/2	4,131.63	1/2	3,803.23	1/2	3,473.90	1/2	3,144.56	1/2	2,815.23	1/2	2,485.90	1/2	2,156.57		
3/4	3/4	4,753.24	3/4	4,452.02	3/4	4,124.81	3/4	3,796.37	3/4	3,467.04	3/4	3,137.70	3/4	2,808.37	3/4	2,479.04	3/4	2,149.71		
7		7	4,750.24	7	4,445.21	7	4,117.99	7	3,789.51	7	3,460.18	7	3,130.84	7	2,801.51	7	2,472.18	7	2,142.85	
1/4	1/4	4,746.13	1/4	4,438.40	1/4	4,111.17	1/4	3,782.65	1/4	3,453.32	1/4	3,123.98	1/4	2,794.65	1/4	2,465.32	1/4	2,135.99		
1/2	1/2	4,742.02	1/2	4,431.58	1/2	4,104.35	1/2	3,775.79	1/2	3,446.46	1/2	3,117.12	1/2	2,787.79	1/2	2,458.45	1/2	2,129.12		
3/4	3/4	4,737.90	3/4	4,424.77	3/4	4,097.53	3/4	3,768.92	3/4	3,439.59	3/4	3,110.26	3/4	2,780.93	3/4	2,451.59	3/4	2,122.26		
8		8	4,733.79	8	4,417.95	8	4,090.71	8	3,762.06	8	3,432.73	8	3,103.40	8	2,774.07	8	2,444.73	8	2,115.40	
1/4	1/4	4,728.56	1/4	4,411.14	1/4	4,083.89	1/4	3,755.20	1/4	3,425.87	1/4	3,096.54	1/4	2,767.21	1/4	2,437.87	1/4	2,108.54		
1/2	1/2	4,723.33	1/2	4,404.32	1/2	4,077.08	1/2	3,748.34	1/2	3,419.01	1/2	3,089.67	1/2	2,760.34	1/2	2,431.01	1/2	2,101.68		
3/4	3/4	4,718.09	3/4	4,397.51	3/4	4,070.26	3/4	3,741.48	3/4	3,412.15	3/4	3,082.81	3/4	2,753.48	3/4	2,424.15	3/4	2,094.82		
9		9	4,712.86	9	4,390.69	9	4,063.44	9	3,734.62	9	3,405.29	9	3,075.95	9	2,746.62	9	2,417.29	9	2,087.96	
1/4	1/4	4,706.55	1/4	4,383.88	1/4	4,056.62	1/4	3,727.76	1/4	3,398.43	1/4	3,069.09	1/4	2,739.76	1/4	2,410.43	1/4	2,081.10		
1/2	1/2	4,700.24	1/2	4,377.06	1/2	4,049.81	1/2	3,720.90	1/2	3,391.56	1/2	3,062.23	1/2	2,732.90	1/2	2,403.56	1/2	2,074.23		
3/4	3/4	4,693.92	3/4	4,370.25	3/4	4,042.99	3/4	3,714.04	3/4	3,384.70	3/4	3,055.37	3/4	2,726.04	3/4	2,396.70	3/4	2,067.37		
10		10	4,687.61	10	4,363.43	10	4,036.17	10	3,707.18	10	3,377.84	10	3,048.51	10	2,719.18	10	2,389.84	10	2,060.51	
1/4	1/4	4,680.98	1/4	4,356.62	1/4	4,029.35	1/4	3,700.32	1/4	3,370.98	1/4	3,041.65	1/4	2,712.32	1/4	2,382.98	1/4	2,053.65		
1/2	1/2	4,674.35	1/2	4,349.81	1/2	4,022.53	1/2	3,693.46	1/2	3,364.12	1/2	3,034.79	1/2	2,705.45	1/2	2,376.12	1/2	2,046.79		
3/4	3/4	4,667.72	3/4	4,342.99	3/4	4,015.71	3/4	3,686.59	3/4	3,357.26	3/4	3,027.93	3/4	2,698.59	3/4	2,369.26	3/4	2,039.93		
11		11	4,661.09	11	4,336.18	11	4,008.89	11	3,679.73	11	3,350.40	11	3,021.07	11	2,691.73	11	2,362.40	11	2,033.07	
1/4	1/4	4,654.44	1/4	4,329.36	1/4	4,002.07	1/4	3,672.87	1/4	3,343.54	1/4	3,014.21	1/4	2,684.87	1/4	2,355.54	1/4	2,026.21		
1/2	1/2	4,647.78	1/2	4,322.54	1/2	3,995.26	1/2	3,666.01	1/2	3,336.67	1/2	3,007.34	1/2	2,678.01	1/2	2,348.68	1/2	2,019.34		
3/4	3/4	4,641.13	3/4	4,315.72	3/4	3,988.44	3/4	3,659.15	3/4	3,329.81	3/4	3,000.48	3/4	2,671.15	3/4	2,341.82	3/4	2,012.48		

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.
GAUGE POINT: RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CTC 29651"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3016"

GAUGE HEIGHT 16-02"

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	2,005.62	0	1,676.29	0	1,346.96	0	1,017.62	0	688.58	0	334.84	0	43.75	0		0		0	
1/4	1,998.76	1/4	1,669.43	1/4	1,340.10	1/4	1,010.76	1/4	681.72	1/4	328.35	1/4	38.97	1/4		1/4		1/4	
1/2	1,991.90	1/2	1,662.57	1/2	1,333.23	1/2	1,003.90	1/2	674.87	1/2	321.85	1/2	34.18	1/2		1/2		1/2	
3/4	1,985.04	3/4	1,655.71	3/4	1,326.37	3/4	997.04	3/4	668.01	3/4	315.36	3/4	29.40	3/4		3/4		3/4	
1	1,978.18	1	1,648.85	1	1,319.51	1	990.18	1	661.16	1	308.87	1	24.62	1		1		1	
1/4	1,971.32	1/4	1,641.99	1/4	1,312.65	1/4	983.32	1/4	654.30	1/4	302.45	1/4	21.25	1/4		1/4		1/4	
1/2	1,964.45	1/2	1,635.12	1/2	1,305.79	1/2	976.45	1/2	647.43	1/2	296.03	1/2	17.88	1/2		1/2		1/2	
3/4	1,957.59	3/4	1,628.26	3/4	1,298.93	3/4	969.59	3/4	640.57	3/4	289.61	3/4	14.52	3/4		3/4		3/4	
2	1,950.73	2	1,621.40	2	1,292.07	2	962.73	2	633.71	2	283.19	2	11.15	2		2		2	
1/4	1,943.87	1/4	1,614.54	1/4	1,285.21	1/4	955.87	1/4	626.85	1/4	276.85	1/4		1/4		1/4		1/4	
1/2	1,937.01	1/2	1,607.68	1/2	1,278.34	1/2	949.02	1/2	619.98	1/2	270.50	1/2		1/2		1/2		1/2	
3/4	1,930.15	3/4	1,600.82	3/4	1,271.48	3/4	942.16	3/4	613.12	3/4	264.16	3/4		3/4		3/4		3/4	
3	1,923.29	3	1,593.96	3	1,264.62	3	935.31	3	606.26	3	257.82	3		3		3		3	
1/4	1,916.43	1/4	1,587.10	1/4	1,257.76	1/4	928.45	1/4	599.40	1/4	251.55	1/4		1/4		1/4		1/4	
1/2	1,909.57	1/2	1,580.23	1/2	1,250.90	1/2	921.60	1/2	592.53	1/2	245.28	1/2		1/2		1/2		1/2	
3/4	1,902.71	3/4	1,573.37	3/4	1,244.04	3/4	914.74	3/4	585.67	3/4	239.02	3/4		3/4		3/4		3/4	
4	1,895.85	4	1,566.51	4	1,237.18	4	907.89	4	578.81	4	232.75	4		4		4		4	
1/4	1,888.99	1/4	1,559.65	1/4	1,230.32	1/4	901.04	1/4	571.94	1/4	226.56	1/4		1/4		1/4		1/4	
1/2	1,882.12	1/2	1,552.79	1/2	1,223.46	1/2	894.18	1/2	565.08	1/2	220.36	1/2		1/2		1/2		1/2	
3/4	1,875.26	3/4	1,545.93	3/4	1,216.60	3/4	887.33	3/4	558.21	3/4	214.17	3/4		3/4		3/4		3/4	
5	1,868.40	5	1,539.07	5	1,209.74	5	880.48	5	551.35	5	207.98	5		5		5		5	
1/4	1,861.54	1/4	1,532.21	1/4	1,202.88	1/4	873.62	1/4	544.50	1/4	201.86	1/4		1/4		1/4		1/4	
1/2	1,854.68	1/2	1,525.34	1/2	1,196.01	1/2	866.77	1/2	537.65	1/2	195.75	1/2		1/2		1/2		1/2	
3/4	1,847.82	3/4	1,518.48	3/4	1,189.15	3/4	859.91	3/4	530.81	3/4	189.63	3/4		3/4		3/4		3/4	
6	1,840.96	6	1,511.62	6	1,182.29	6	853.06	6	523.96	6	183.52	6		6		6		6	
1/4	1,834.10	1/4	1,504.76	1/4	1,175.43	1/4	846.21	1/4	517.11	1/4	177.48	1/4		1/4		1/4		1/4	
1/2	1,827.23	1/2	1,497.90	1/2	1,168.57	1/2	839.35	1/2	510.26	1/2	171.44	1/2		1/2		1/2		1/2	
3/4	1,820.37	3/4	1,491.04	3/4	1,161.71	3/4	832.50	3/4	503.41	3/4	165.40	3/4		3/4		3/4		3/4	
7	1,813.51	7	1,484.18	7	1,154.85	7	825.65	7	496.56	7	159.36	7		7		7		7	
1/4	1,806.65	1/4	1,477.32	1/4	1,147.99	1/4	818.79	1/4	489.71	1/4	153.40	1/4		1/4		1/4		1/4	
1/2	1,799.79	1/2	1,470.46	1/2	1,141.12	1/2	811.94	1/2	482.86	1/2	147.44	1/2		1/2		1/2		1/2	
3/4	1,792.93	3/4	1,463.60	3/4	1,134.26	3/4	805.08	3/4	476.02	3/4	141.48	3/4		3/4		3/4		3/4	
8	1,786.07	8	1,456.74	8	1,127.40	8	798.23	8	469.17	8	135.52	8		8		8		8	
1/4	1,779.21	1/4	1,449.88	1/4	1,120.54	1/4	791.38	1/4	462.32	1/4	129.56	1/4		1/4		1/4		1/4	
1/2	1,772.34	1/2	1,443.01	1/2	1,113.68	1/2	784.52	1/2	455.47	1/2	123.60	1/2		1/2		1/2		1/2	
3/4	1,765.48	3/4	1,436.15	3/4	1,106.82	3/4	777.67	3/4	448.59	3/4	117.64	3/4		3/4		3/4		3/4	
9	1,758.62	9	1,429.29	9	1,099.96	9	770.82	9	441.74	9	111.69	9		9		9		9	
1/4	1,751.76	1/4	1,422.43	1/4	1,093.10	1/4	763.96	1/4	434.88	1/4	105.73	1/4		1/4		1/4		1/4	
1/2	1,744.90	1/2	1,415.57	1/2	1,086.23	1/2	757.11	1/2	428.02	1/2	99.77	1/2		1/2		1/2		1/2	
3/4	1,738.04	3/4	1,408.71	3/4	1,079.37	3/4	750.25	3/4	421.16	3/4	93.81	3/4		3/4		3/4		3/4	
10	1,731.18	10	1,401.85	10	1,072.51	10	743.40	10	414.30	10	87.85	10		10		10		10	
1/4	1,724.32	1/4	1,394.99	1/4	1,065.65	1/4	736.55	1/4	407.44	1/4	81.89	1/4		1/4		1/4		1/4	
1/2	1,717.45	1/2	1,388.12	1/2	1,058.79	1/2	729.69	1/2	400.58	1/2	75.93	1/2		1/2		1/2		1/2	
3/4	1,710.59	3/4	1,381.26	3/4	1,051.93	3/4	722.84	3/4	393.72	3/4	69.97	3/4		3/4		3/4		3/4	
11	1,703.73	11	1,374.40	11	1,045.07	11	715.99	11	386.86	11	64.01	11		11		11		11	
1/4	1,696.87	1/4	1,367.54	1/4	1,038.21	1/4	709.14	1/4	379.99	1/4	58.05	1/4		1/4		1/4		1/4	
1/2	1,690.01	1/2	1,360.68	1/2	1,031.34	1/2	702.28	1/2	373.12	1/2	52.09	1/2		1/2		1/2		1/2	
3/4	1,683.15	3/4	1,353.82	3/4	1,024.48	3/4	695.43	3/4	366.26	3/4	46.13	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/13/2015 JMF
RECOMPUTED: 03/31/2023 JS
NAME CHANGE: 03/31/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

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



BARGE "CTC 29651"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3016"

GAUGE HEIGHT 16-01 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.															
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0														
					4,945.73				4,596.86				4,247.38				3,896.39				3,545.41				3,194.42				2,843.42				2,492.33
1/4		1/4		1/4	4,938.57	1/4		1/4	4,589.58	1/4		1/4	4,240.07	1/4		1/4	3,889.08	1/4		1/4	3,538.10	1/4		1/4	3,187.11	1/4		1/4	2,836.10	1/4		1/4	2,485.01
1/2		1/2		1/2	4,931.34	1/2		1/2	4,582.31	1/2		1/2	4,232.76	1/2		1/2	3,881.77	1/2		1/2	3,530.79	1/2		1/2	3,179.80	1/2		1/2	2,828.79	1/2		1/2	2,477.70
3/4		3/4		3/4	4,924.11	3/4		3/4	4,575.03	3/4		3/4	4,225.45	3/4		3/4	3,874.46	3/4		3/4	3,523.48	3/4		3/4	3,172.49	3/4		3/4	2,821.47	3/4		3/4	2,470.38
1	1	1	1	1	4,916.88	1	1	1	4,567.76	1	1	1	4,218.13	1	1	1	3,874.14	1	1	1	3,516.16	1	1	1	3,165.17	1	1	1	2,814.16	1	1	1	2,463.07
1/4		1/4		1/4	4,909.65	1/4		1/4	4,560.48	1/4		1/4	4,210.82	1/4		1/4	3,859.83	1/4		1/4	3,508.85	1/4		1/4	3,157.86	1/4		1/4	2,806.84	1/4		1/4	2,455.75
1/2		1/2		1/2	4,902.39	1/2		1/2	4,553.21	1/2		1/2	4,203.51	1/2		1/2	3,852.52	1/2		1/2	3,501.54	1/2		1/2	3,150.55	1/2		1/2	2,799.53	1/2		1/2	2,448.44
3/4		3/4		3/4	4,895.14	3/4		3/4	4,545.93	3/4		3/4	4,196.20	3/4		3/4	3,845.21	3/4		3/4	3,494.23	3/4		3/4	3,143.24	3/4		3/4	2,792.21	3/4		3/4	2,441.12
2	2	2	2	2	4,887.88	2	2	2	4,538.66	2	2	2	4,188.88	2	2	2	3,837.89	2	2	2	3,486.91	2	2	2	3,135.92	2	2	2	2,784.90	2	2	2	2,433.81
1/4		1/4		1/4	5,142.99	1/4		1/4	4,880.62	1/4		1/4	4,181.57	1/4		1/4	3,830.58	1/4		1/4	3,479.60	1/4		1/4	3,128.61	1/4		1/4	2,777.58	1/4		1/4	2,426.49
1/2		1/2		1/2	5,142.19	1/2		1/2	4,873.34	1/2		1/2	4,174.26	1/2		1/2	3,823.27	1/2		1/2	3,472.29	1/2		1/2	3,121.30	1/2		1/2	2,770.27	1/2		1/2	2,419.18
3/4		3/4		3/4	5,141.38	3/4		3/4	4,866.07	3/4		3/4	4,166.95	3/4		3/4	3,815.96	3/4		3/4	3,464.98	3/4		3/4	3,113.99	3/4		3/4	2,762.96	3/4		3/4	2,411.87
3	3	3	3	3	5,140.58	3	3	3	4,858.79	3	3	3	4,159.63	3	3	3	3,808.65	3	3	3	3,457.66	3	3	3	3,106.67	3	3	3	2,755.64	3	3	3	2,404.55
1/4		1/4		1/4	5,139.77	1/4		1/4	4,851.51	1/4		1/4	4,152.32	1/4		1/4	3,801.34	1/4		1/4	3,450.35	1/4		1/4	3,099.36	1/4		1/4	2,748.33	1/4		1/4	2,397.24
1/2		1/2		1/2	5,137.78	1/2		1/2	4,844.23	1/2		1/2	4,145.01	1/2		1/2	3,794.03	1/2		1/2	3,443.04	1/2		1/2	3,092.05	1/2		1/2	2,741.02	1/2		1/2	2,389.93
3/4		3/4		3/4	5,135.78	3/4		3/4	4,836.96	3/4		3/4	4,137.70	3/4		3/4	3,786.72	3/4		3/4	3,435.73	3/4		3/4	3,084.74	3/4		3/4	2,733.70	3/4		3/4	2,382.61
4	4	4	4	4	5,133.79	4	4	4	4,829.68	4	4	4	4,130.38	4	4	4	3,779.40	4	4	4	3,428.41	4	4	4	3,077.43	4	4	4	2,727.39	4	4	4	2,375.30
1/4		1/4		1/4	5,131.79	1/4		1/4	4,822.40	1/4		1/4	4,123.07	1/4		1/4	3,772.09	1/4		1/4	3,421.10	1/4		1/4	3,070.12	1/4		1/4	2,719.07	1/4		1/4	2,367.98
1/2		1/2		1/2	5,128.61	1/2		1/2	4,815.12	1/2		1/2	4,115.76	1/2		1/2	3,764.78	1/2		1/2	3,413.79	1/2		1/2	3,062.81	1/2		1/2	2,711.76	1/2		1/2	2,360.67
3/4		3/4		3/4	5,125.42	3/4		3/4	4,807.85	3/4		3/4	4,108.45	3/4		3/4	3,757.47	3/4		3/4	3,406.48	3/4		3/4	3,055.50	3/4		3/4	2,704.44	3/4		3/4	2,353.35
5	5	5	5	5	5,122.24	5	5	5	4,800.57	5	5	5	4,101.13	5	5	5	3,750.15	5	5	5	3,399.16	5	5	5	3,048.18	5	5	5	2,697.13	5	5	5	2,346.04
1/4		1/4		1/4	5,119.05	1/4		1/4	4,793.29	1/4		1/4	4,093.82	1/4		1/4	3,742.84	1/4		1/4	3,391.85	1/4		1/4	3,040.87	1/4		1/4	2,689.81	1/4		1/4	2,338.72
1/2		1/2		1/2	5,114.67	1/2		1/2	4,786.02	1/2		1/2	4,086.51	1/2		1/2	3,735.53	1/2		1/2	3,384.54	1/2		1/2	3,033.56	1/2		1/2	2,682.50	1/2		1/2	2,331.41
3/4		3/4		3/4	5,110.29	3/4		3/4	4,778.74	3/4		3/4	4,079.20	3/4		3/4	3,728.22	3/4		3/4	3,377.23	3/4		3/4	3,026.25	3/4		3/4	2,675.18	3/4		3/4	2,324.09
6	6	6	6	6	5,105.91	6	6	6	4,771.47	6	6	6	4,071.89	6	6	6	3,720.90	6	6	6	3,369.91	6	6	6	3,018.93	6	6	6	2,667.87	6	6	6	2,316.78
1/4		1/4		1/4	5,101.53	1/4		1/4	4,764.19	1/4		1/4	4,064.58	1/4		1/4	3,713.59	1/4		1/4	3,362.60	1/4		1/4	3,011.62	1/4		1/4	2,660.55	1/4		1/4	2,309.46
1/2		1/2		1/2	5,095.96	1/2		1/2	4,756.92	1/2		1/2	4,057.27	1/2		1/2	3,706.28	1/2		1/2	3,355.29	1/2		1/2	3,004.31	1/2		1/2	2,653.24	1/2		1/2	2,302.15
3/4		3/4		3/4	5,090.39	3/4		3/4	4,749.64	3/4		3/4	4,049.96	3/4		3/4	3,698.97	3/4		3/4	3,347.98	3/4		3/4	2,997.00	3/4		3/4	2,645.93	3/4		3/4	2,294.83
7	7	7	7	7	5,084.82	7	7	7	4,742.37	7	7	7	4,042.64	7	7	7	3,691.65	7	7	7	3,340.67	7	7	7	2,989.68	7	7	7	2,638.61	7	7	7	2,287.52
1/4		1/4		1/4	5,079.25	1/4		1/4	4,735.09	1/4		1/4	4,035.33	1/4		1/4	3,684.34	1/4		1/4	3,333.36	1/4		1/4	2,982.37	1/4		1/4	2,631.30	1/4		1/4	2,280.20
1/2		1/2		1/2	5,072.53	1/2		1/2	4,727.82	1/2		1/2	4,028.02	1/2		1/2	3,677.03	1/2		1/2	3,326.05	1/2		1/2	2,975.06	1/2		1/2	2,623.99	1/2		1/2	2,272.89
3/4		3/4		3/4	5,065.80	3/4		3/4	4,720.54	3/4		3/4	4,020.71	3/4		3/4	3,669.72	3/4		3/4	3,318.74	3/4		3/4	2,967.75	3/4		3/4	2,616.67	3/4		3/4	2,265.58
8	8	8	8	8	5,059.08	8	8	8	4,713.27	8	8	8	4,013.39	8	8	8	3,662.40	8	8	8	3,311.42	8	8	8	2,960.43	8	8	8	2,609.36	8	8	8	2,258.26
1/4		1/4		1/4	5,052.35	1/4		1/4	4,705.99	1/4		1/4	4,006.08	1/4		1/4	3,655.09	1/4		1/4	3,304.11	1/4		1/4	2,953.12	1/4		1/4	2,602.04	1/4		1/4	2,250.95
1/2		1/2		1/2	5,045.28	1/2		1/2	4,698.72	1/2		1/2	3,998.77	1/2		1/2	3,647.78	1/2		1/2	3,296.80	1/2		1/2	2,945.81	1/2		1/2	2,594.73	1/2		1/2	2,243.64
3/4		3/4		3/4	5,038.22	3/4		3/4	4,691.44	3/4		3/4	3,991.46	3/4		3/4	3,640.47	3/4		3/4	3,289.49	3/4		3/4	2,938.50	3/4		3/4	2,587.41	3/4		3/4	2,236.32
9	9	9	9	9	5,031.15	9	9	9	4,684.17	9	9	9	3,984.14	9	9	9	3,633.15	9	9	9	3,282.17	9	9	9	2,931.18	9	9	9	2,580.10	9	9	9	2,229.01
1/4		1/4		1/4	5,024.08	1/4		1/4	4,676.89	1/4		1/4	3,976.83	1/4		1/4	3,625.84	1/4		1/4	3,274.86	1/4		1/4	2,923.87	1/4		1/4	2,572.78	1/4		1/4	2,221.69



BARGE "CTC 29651"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3016"

GAUGE HEIGHT 16-01 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	2,141.23	0	1,790.14	0	1,439.05	0	1,087.96	0	737.07	0	386.00	0	38.95	0		0		0	
1/4	2,133.92	1/4	1,782.83	1/4	1,431.73	1/4	1,080.65	1/4	729.76	1/4	378.69	1/4	32.69	1/4	1/4	1/4		1/4	1/4
1/2	2,126.61	1/2	1,775.52	1/2	1,424.42	1/2	1,073.34	1/2	722.45	1/2	371.38	1/2	28.22	1/2	1/2	1/2		1/2	1/2
3/4	2,119.29	3/4	1,768.20	3/4	1,417.11	3/4	1,066.02	3/4	715.13	3/4	364.06	3/4	23.76	3/4	3/4	3/4		3/4	3/4
1	2,111.98	1	1,760.89	1	1,409.79	1	1,058.71	1	707.82	1	356.75	1	19.29	1	1	1		1	1
1/4	2,104.66	1/4	1,753.57	1/4	1,402.48	1/4	1,051.39	1/4	700.50	1/4	349.43	1/4	14.82	1/4	1/4	1/4		1/4	1/4
1/2	2,097.35	1/2	1,746.26	1/2	1,395.17	1/2	1,044.08	1/2	693.19	1/2	342.12	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,090.03	3/4	1,738.94	3/4	1,387.85	3/4	1,036.77	3/4	685.88	3/4	334.81	3/4		3/4	3/4	3/4		3/4	3/4
2	2,082.72	2	1,731.63	2	1,380.54	2	1,029.46	2	678.56	2	327.49	2	2	2	2	2		2	2
1/4	2,075.40	1/4	1,724.31	1/4	1,373.22	1/4	1,022.15	1/4	671.25	1/4	320.18	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,068.09	1/2	1,717.00	1/2	1,365.91	1/2	1,014.84	1/2	663.94	1/2	312.87	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,060.77	3/4	1,709.68	3/4	1,358.59	3/4	1,007.54	3/4	656.62	3/4	305.55	3/4		3/4	3/4	3/4		3/4	3/4
3	2,053.46	3	1,702.37	3	1,351.28	3	1,000.23	3	649.31	3	298.24	3	3	3	3	3		3	3
1/4	2,046.14	1/4	1,695.05	1/4	1,343.96	1/4	992.92	1/4	641.99	1/4	290.92	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,038.83	1/2	1,687.74	1/2	1,336.65	1/2	985.61	1/2	634.68	1/2	283.61	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,031.52	3/4	1,680.43	3/4	1,329.33	3/4	978.30	3/4	627.37	3/4	276.29	3/4		3/4	3/4	3/4		3/4	3/4
4	2,024.20	4	1,673.11	4	1,322.02	4	970.99	4	620.05	4	268.98	4	4	4	4	4		4	4
1/4	2,016.89	1/4	1,665.80	1/4	1,314.70	1/4	963.68	1/4	612.74	1/4	261.66	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,009.58	1/2	1,658.49	1/2	1,307.39	1/2	956.37	1/2	605.43	1/2	254.35	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,002.26	3/4	1,651.17	3/4	1,300.08	3/4	949.06	3/4	598.11	3/4	247.04	3/4		3/4	3/4	3/4		3/4	3/4
5	1,994.95	5	1,643.86	5	1,292.76	5	941.75	5	590.80	5	239.72	5	5	5	5	5		5	5
1/4	1,987.63	1/4	1,636.54	1/4	1,285.45	1/4	934.44	1/4	583.48	1/4	232.41	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,980.32	1/2	1,629.23	1/2	1,278.14	1/2	927.13	1/2	576.17	1/2	225.10	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,973.00	3/4	1,621.91	3/4	1,270.82	3/4	919.82	3/4	568.85	3/4	217.78	3/4		3/4	3/4	3/4		3/4	3/4
6	1,965.69	6	1,614.60	6	1,263.51	6	912.51	6	561.54	6	210.47	6	6	6	6	6		6	6
1/4	1,958.37	1/4	1,607.28	1/4	1,256.19	1/4	905.20	1/4	554.22	1/4	203.15	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,951.06	1/2	1,599.97	1/2	1,248.88	1/2	897.89	1/2	546.91	1/2	195.84	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,943.74	3/4	1,592.65	3/4	1,241.56	3/4	890.58	3/4	539.60	3/4	188.54	3/4		3/4	3/4	3/4		3/4	3/4
7	1,936.43	7	1,585.34	7	1,234.25	7	883.27	7	532.28	7	181.23	7	7	7	7	7		7	7
1/4	1,929.11	1/4	1,578.02	1/4	1,226.93	1/4	875.96	1/4	524.97	1/4	173.92	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,921.80	1/2	1,570.71	1/2	1,219.62	1/2	868.65	1/2	517.66	1/2	166.62	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,914.49	3/4	1,563.39	3/4	1,212.30	3/4	861.35	3/4	510.34	3/4	159.33	3/4		3/4	3/4	3/4		3/4	3/4
8	1,907.17	8	1,556.08	8	1,204.99	8	854.04	8	503.03	8	152.03	8	8	8	8	8		8	8
1/4	1,899.86	1/4	1,548.76	1/4	1,197.67	1/4	846.73	1/4	495.71	1/4	144.73	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,892.55	1/2	1,541.45	1/2	1,190.36	1/2	839.42	1/2	488.40	1/2	137.45	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,885.23	3/4	1,534.14	3/4	1,183.05	3/4	832.11	3/4	481.09	3/4	130.16	3/4		3/4	3/4	3/4		3/4	3/4
9	1,877.92	9	1,526.82	9	1,175.73	9	824.80	9	473.77	9	122.88	9	9	9	9	9		9	9
1/4	1,870.60	1/4	1,519.51	1/4	1,168.42	1/4	817.49	1/4	466.46	1/4	115.59	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,863.29	1/2	1,512.20	1/2	1,161.11	1/2	810.18	1/2	459.15	1/2	108.33	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,855.97	3/4	1,504.88	3/4	1,153.79	3/4	802.87	3/4	451.83	3/4	101.08	3/4		3/4	3/4	3/4		3/4	3/4
10	1,848.66	10	1,497.57	10	1,146.48	10	795.56	10	444.52	10	93.82	10	10	10	10	10		10	10
1/4	1,841.34	1/4	1,490.25	1/4	1,139.16	1/4	788.25	1/4	437.20	1/4	86.56	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,834.03	1/2	1,482.94	1/2	1,131.85	1/2	780.94	1/2	429.89	1/2	79.35	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,826.71	3/4	1,475.62	3/4	1,124.53	3/4	773.63	3/4	422.57	3/4	72.14	3/4		3/4	3/4	3/4		3/4	3/4
11	1,819.40	11	1,468.31	11	1,117.22	11	766.32	11	415.26	11	64.93	11	11	11	11	11		11	11
1/4	1,812.08	1/4	1,460.99	1/4	1,109.90	1/4	759.01	1/4	407.94	1/4	57.72	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,804.77	1/2	1,453.68	1/2	1,102.59	1/2	751.70	1/2	400.63	1/2	51.46	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,797.46	3/4	1,446.36	3/4	1,095.28	3/4	744.39	3/4	393.32	3/4	45.21	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/13/2015 JMF
RECOMPUTED: 03/31/2023 JS
NAME CHANGE: 03/31/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

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



BARGE "CTC 29651"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3016"

GAUGE HEIGHT 16-01"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
					4,932.36		4,583.71		4,234.54		3,883.89		3,533.25		3,182.60		2,831.93		2,481.18
1/4	1/4	1/4	1/4	1/4	4,925.14	1/4	4,576.44	1/4	4,227.24	1/4	3,876.59	1/4	3,525.95	1/4	3,175.30	1/4	2,824.62	1/4	2,473.87
1/2	1/2	1/2	1/2	1/2	4,917.92	1/2	4,569.18	1/2	4,219.93	1/2	3,869.28	1/2	3,518.64	1/2	3,167.99	1/2	2,817.32	1/2	2,466.57
3/4	3/4	3/4	3/4	3/4	4,910.69	3/4	4,561.91	3/4	4,212.63	3/4	3,861.98	3/4	3,511.34	3/4	3,160.69	3/4	2,810.01	3/4	2,459.26
1	1	1	1	1	4,903.47	1	4,554.64	1	4,205.32	1	3,854.67	1	3,504.03	1	3,153.38	1	2,802.70	1	2,451.95
1/4	1/4	1/4	1/4	1/4	4,896.22	1/4	4,547.37	1/4	4,198.01	1/4	3,847.37	1/4	3,496.73	1/4	3,146.08	1/4	2,795.39	1/4	2,444.64
1/2	1/2	1/2	1/2	1/2	4,888.97	1/2	4,540.10	1/2	4,190.71	1/2	3,840.06	1/2	3,489.42	1/2	3,138.77	1/2	2,788.09	1/2	2,437.34
3/4	3/4	3/4	3/4	3/4	4,881.71	3/4	4,532.83	3/4	4,183.40	3/4	3,832.76	3/4	3,482.12	3/4	3,131.47	3/4	2,780.78	3/4	2,430.03
2	2	2	5,136.56	2	4,874.46	2	4,525.56	2	4,176.10	2	3,825.45	2	3,474.81	2	3,124.16	2	2,773.47	2	2,422.72
1/4	1/4	1/4	5,135.76	1/4	4,867.19	1/4	4,518.29	1/4	4,168.79	1/4	3,818.15	1/4	3,467.51	1/4	3,116.86	1/4	2,766.16	1/4	2,415.41
1/2	1/2	1/2	5,134.96	1/2	4,859.93	1/2	4,511.03	1/2	4,161.49	1/2	3,810.84	1/2	3,460.20	1/2	3,109.55	1/2	2,758.86	1/2	2,408.11
3/4	3/4	3/4	5,134.15	3/4	4,852.66	3/4	4,503.76	3/4	4,154.18	3/4	3,803.54	3/4	3,452.90	3/4	3,102.25	3/4	2,751.55	3/4	2,400.80
3	3	3	5,133.35	3	4,845.39	3	4,496.49	3	4,146.88	3	3,795.23	3	3,445.59	3	3,094.94	3	2,744.24	3	2,393.49
1/4	1/4	1/4	5,131.36	1/4	4,838.12	1/4	4,489.22	1/4	4,139.57	1/4	3,788.93	1/4	3,438.29	1/4	3,087.64	1/4	2,736.93	1/4	2,386.18
1/2	1/2	1/2	5,129.37	1/2	4,830.85	1/2	4,481.96	1/2	4,132.26	1/2	3,781.62	1/2	3,430.98	1/2	3,080.33	1/2	2,729.63	1/2	2,378.88
3/4	3/4	3/4	5,127.37	3/4	4,823.57	3/4	4,474.69	3/4	4,124.96	3/4	3,774.32	3/4	3,423.68	3/4	3,073.03	3/4	2,722.32	3/4	2,371.57
4	4	4	5,125.38	4	4,816.30	4	4,467.42	4	4,117.65	4	3,767.01	4	3,416.37	4	3,065.72	4	2,715.01	4	2,364.26
1/4	1/4	1/4	5,122.20	1/4	4,809.03	1/4	4,460.15	1/4	4,110.34	1/4	3,759.71	1/4	3,409.06	1/4	3,058.42	1/4	2,707.70	1/4	2,356.95
1/2	1/2	1/2	5,119.02	1/2	4,801.76	1/2	4,452.88	1/2	4,103.04	1/2	3,752.40	1/2	3,401.76	1/2	3,051.11	1/2	2,700.40	1/2	2,349.65
3/4	3/4	3/4	5,115.83	3/4	4,794.49	3/4	4,445.61	3/4	4,095.73	3/4	3,745.10	3/4	3,394.45	3/4	3,043.81	3/4	2,693.09	3/4	2,342.34
5	5	5	5,112.65	5	4,787.22	5	4,438.34	5	4,088.43	5	3,737.79	5	3,387.14	5	3,036.50	5	2,685.78	5	2,335.03
1/4	1/4	1/4	5,108.28	1/4	4,779.95	1/4	4,431.07	1/4	4,081.12	1/4	3,730.49	1/4	3,379.84	1/4	3,029.20	1/4	2,678.48	1/4	2,327.73
1/2	1/2	1/2	5,103.90	1/2	4,772.69	1/2	4,423.81	1/2	4,073.82	1/2	3,723.18	1/2	3,372.53	1/2	3,021.89	1/2	2,671.17	1/2	2,320.42
3/4	3/4	3/4	5,099.53	3/4	4,765.42	3/4	4,416.54	3/4	4,066.51	3/4	3,715.88	3/4	3,365.23	3/4	3,014.59	3/4	2,663.87	3/4	2,313.12
6	6	6	5,095.15	6	4,758.15	6	4,409.27	6	4,059.21	6	3,708.57	6	3,357.92	6	3,007.28	6	2,656.56	6	2,305.81
1/4	1/4	1/4	5,089.59	1/4	4,750.88	1/4	4,402.00	1/4	4,051.90	1/4	3,701.27	1/4	3,350.62	1/4	2,999.98	1/4	2,649.25	1/4	2,298.50
1/2	1/2	1/2	5,084.02	1/2	4,743.62	1/2	4,394.74	1/2	4,044.60	1/2	3,693.96	1/2	3,343.31	1/2	2,992.67	1/2	2,641.95	1/2	2,291.20
3/4	3/4	3/4	5,078.46	3/4	4,736.35	3/4	4,387.47	3/4	4,037.29	3/4	3,686.66	3/4	3,336.01	3/4	2,985.37	3/4	2,634.64	3/4	2,283.89
7	7	7	5,072.89	7	4,729.08	7	4,380.20	7	4,029.99	7	3,679.35	7	3,328.70	7	2,978.06	7	2,627.33	7	2,276.58
1/4	1/4	1/4	5,066.17	1/4	4,721.81	1/4	4,372.93	1/4	4,022.68	1/4	3,672.05	1/4	3,321.40	1/4	2,970.76	1/4	2,620.02	1/4	2,269.27
1/2	1/2	1/2	5,059.46	1/2	4,714.54	1/2	4,365.66	1/2	4,015.38	1/2	3,664.74	1/2	3,314.09	1/2	2,963.45	1/2	2,612.72	1/2	2,261.97
3/4	3/4	3/4	5,052.74	3/4	4,707.27	3/4	4,358.39	3/4	4,008.07	3/4	3,657.44	3/4	3,306.79	3/4	2,956.15	3/4	2,605.41	3/4	2,254.66
8	8	8	5,046.02	8	4,700.00	8	4,351.12	8	4,000.77	8	3,650.13	8	3,299.48	8	2,948.84	8	2,598.10	8	2,247.35
1/4	1/4	1/4	5,038.96	1/4	4,692.73	1/4	4,343.85	1/4	3,993.47	1/4	3,642.83	1/4	3,292.18	1/4	2,941.54	1/4	2,590.79	1/4	2,240.04
1/2	1/2	1/2	5,031.90	1/2	4,685.47	1/2	4,336.59	1/2	3,986.16	1/2	3,635.52	1/2	3,284.87	1/2	2,934.23	1/2	2,583.49	1/2	2,232.74
3/4	3/4	3/4	5,024.84	3/4	4,678.20	3/4	4,329.32	3/4	3,978.86	3/4	3,628.22	3/4	3,277.57	3/4	2,926.93	3/4	2,576.18	3/4	2,225.43
9	9	9	5,017.78	9	4,670.93	9	4,322.05	9	3,971.55	9	3,620.91	9	3,270.26	9	2,919.62	9	2,568.87	9	2,218.12
1/4	1/4	1/4	5,010.70	1/4	4,663.66	1/4	4,314.78	1/4	3,964.25	1/4	3,613.61	1/4	3,262.96	1/4	2,912.31	1/4	2,561.56	1/4	2,210.81
1/2	1/2	1/2	5,003.61	1/2	4,656.40	1/2	4,307.52	1/2	3,956.94	1/2	3,606.30	1/2	3,255.65	1/2	2,905.01	1/2	2,554.26	1/2	2,203.51
3/4	3/4	3/4	4,996.53	3/4	4,649.13	3/4	4,300.25	3/4	3,949.64	3/4	3,599.00	3/4	3,248.35	3/4	2,897.70	3/4	2,546.95	3/4	2,196.20
10	10	10	4,989.44	10	4,641.86	10	4,292.98	10	3,942.33	10	3,591.69	10	3,241.04	10	2,890.39	10	2,539.64	10	2,188.89
1/4	1/4	1/4	4,982.33	1/4	4,634.59	1/4	4,285.68	1/4	3,935.03	1/4	3,584.39	1/4	3,233.74	1/4	2,883.08	1/4	2,532.33	1/4	2,181.58
1/2	1/2	1/2	4,975.21	1/2	4,627.32	1/2	4,278.37	1/2	3,927.72	1/2	3,577.08	1/2	3,226.43	1/2	2,875.78	1/2	2,525.03	1/2	2,174.28
3/4	3/4	3/4	4,968.10	3/4	4,620.05	3/4	4,271.07	3/4	3,920.42	3/4	3,569.78	3/4	3,219.13	3/4	2,868.47	3/4	2,517.72	3/4	2,166.97
11	11	11	4,960.98	11	4,612.78	11	4,263.76	11	3,913.11	11	3,562.47	11	3,211.82	11	2,861.16	11	2,510.41	11	2,159.66
1/4	1/4	1/4	4,953.83	1/4	4,605.51	1/4	4,256.46	1/4	3,905.81	1/4	3,555.17	1/4	3,204.52	1/4	2,853.85	1/4	2,503.10	1/4	2,152.35
1/2	1/2	1/2	4,946.67	1/2	4,598.25	1/2	4,249.15	1/2	3,898.50	1/2	3,547.86	1/2	3,197.21	1/2	2,846.55	1/2	2,495.80	1/2	2,145.05
3/4	3/4	3/4	4,939.52	3/4	4,590.98	3/4	4,241.85	3/4	3,891.20	3/4	3,540.56	3/4	3,189.91	3/4	2,839.24	3/4	2,488.49	3/4	2,137.74

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.
GAUGE POINT: RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK.

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



BARGE "CTC 29651"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3016"

GAUGE HEIGHT 16-01"

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	2,130.43	0	1,779.68	0	1,428.93	0	1,078.27	0	729.07	0	378.33	0	32.66	0		0		0	
1/4	2,123.12	1/4	1,772.37	1/4	1,421.62	1/4	1,071.00	1/4	721.77	1/4	371.02	1/4	28.20	1/4	1/4	1/4		1/4	1/4
1/2	2,115.82	1/2	1,765.07	1/2	1,414.32	1/2	1,063.72	1/2	714.46	1/2	363.72	1/2	23.73	1/2	1/2	1/2		1/2	1/2
3/4	2,108.51	3/4	1,757.76	3/4	1,407.01	3/4	1,056.45	3/4	707.16	3/4	356.41	3/4	19.27	3/4	3/4	3/4		3/4	3/4
1	2,101.20	1	1,750.45	1	1,399.70	1	1,049.17	1	699.85	1	349.10	1	14.80	1	1	1		1	1
1/4	2,093.89	1/4	1,743.14	1/4	1,392.39	1/4	1,041.90	1/4	692.54	1/4	341.80	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,086.59	1/2	1,735.84	1/2	1,385.09	1/2	1,034.62	1/2	685.24	1/2	334.49	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,079.28	3/4	1,728.53	3/4	1,377.78	3/4	1,027.35	3/4	677.93	3/4	327.19	3/4		3/4	3/4	3/4		3/4	3/4
2	2,071.97	2	1,721.22	2	1,370.47	2	1,020.07	2	670.62	2	319.88	2	2	2	2	2		2	2
1/4	2,064.66	1/4	1,713.91	1/4	1,363.16	1/4	1,012.80	1/4	663.31	1/4	312.57	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,057.36	1/2	1,706.61	1/2	1,355.86	1/2	1,005.52	1/2	656.01	1/2	305.27	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,050.05	3/4	1,699.30	3/4	1,348.55	3/4	998.25	3/4	648.70	3/4	297.96	3/4		3/4	3/4	3/4		3/4	3/4
3	2,042.74	3	1,691.99	3	1,341.24	3	990.97	3	641.39	3	290.65	3	3	3	3	3		3	3
1/4	2,035.43	1/4	1,684.68	1/4	1,333.93	1/4	983.70	1/4	634.08	1/4	283.34	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,028.13	1/2	1,677.38	1/2	1,326.63	1/2	976.42	1/2	626.78	1/2	276.04	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,020.82	3/4	1,670.07	3/4	1,319.32	3/4	969.15	3/4	619.47	3/4	268.73	3/4		3/4	3/4	3/4		3/4	3/4
4	2,013.51	4	1,662.76	4	1,312.01	4	961.87	4	612.16	4	261.42	4	4	4	4	4		4	4
1/4	2,006.20	1/4	1,655.45	1/4	1,304.70	1/4	954.60	1/4	604.85	1/4	254.11	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,998.90	1/2	1,648.15	1/2	1,297.40	1/2	947.32	1/2	597.55	1/2	246.81	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,991.59	3/4	1,640.84	3/4	1,290.09	3/4	940.05	3/4	590.24	3/4	239.50	3/4		3/4	3/4	3/4		3/4	3/4
5	1,984.28	5	1,633.53	5	1,282.78	5	932.77	5	582.93	5	232.19	5	5	5	5	5		5	5
1/4	1,976.97	1/4	1,626.22	1/4	1,275.47	1/4	925.50	1/4	575.62	1/4	224.89	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,969.67	1/2	1,618.92	1/2	1,268.17	1/2	918.22	1/2	568.32	1/2	217.58	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,962.36	3/4	1,611.61	3/4	1,260.86	3/4	910.95	3/4	561.01	3/4	210.28	3/4		3/4	3/4	3/4		3/4	3/4
6	1,955.05	6	1,604.30	6	1,253.55	6	903.67	6	553.70	6	202.97	6	6	6	6	6		6	6
1/4	1,947.75	1/4	1,597.00	1/4	1,246.25	1/4	896.40	1/4	546.40	1/4	195.67	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,940.44	1/2	1,589.69	1/2	1,238.94	1/2	889.12	1/2	539.09	1/2	188.37	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,933.14	3/4	1,582.39	3/4	1,231.64	3/4	881.85	3/4	531.79	3/4	181.06	3/4		3/4	3/4	3/4		3/4	3/4
7	1,925.83	7	1,575.08	7	1,224.33	7	874.57	7	524.48	7	173.76	7	7	7	7	7		7	7
1/4	1,918.52	1/4	1,567.77	1/4	1,217.02	1/4	867.30	1/4	517.17	1/4	166.47	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,911.22	1/2	1,560.47	1/2	1,209.72	1/2	860.02	1/2	509.87	1/2	159.18	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,903.91	3/4	1,553.16	3/4	1,202.41	3/4	852.75	3/4	502.56	3/4	151.88	3/4		3/4	3/4	3/4		3/4	3/4
8	1,896.60	8	1,545.85	8	1,195.10	8	845.47	8	495.25	8	144.59	8	8	8	8	8		8	8
1/4	1,889.29	1/4	1,538.54	1/4	1,187.79	1/4	838.20	1/4	487.94	1/4	137.32	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,881.99	1/2	1,531.24	1/2	1,180.49	1/2	830.92	1/2	480.64	1/2	130.04	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,874.68	3/4	1,523.93	3/4	1,173.18	3/4	823.65	3/4	473.33	3/4	122.77	3/4		3/4	3/4	3/4		3/4	3/4
9	1,867.37	9	1,516.62	9	1,165.87	9	816.37	9	466.02	9	115.49	9	9	9	9	9		9	9
1/4	1,860.06	1/4	1,509.31	1/4	1,158.56	1/4	809.10	1/4	458.71	1/4	108.24	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,852.76	1/2	1,502.01	1/2	1,151.26	1/2	801.82	1/2	451.41	1/2	100.99	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,845.45	3/4	1,494.70	3/4	1,143.95	3/4	794.55	3/4	444.10	3/4	93.73	3/4		3/4	3/4	3/4		3/4	3/4
10	1,838.14	10	1,487.39	10	1,136.64	10	787.27	10	436.79	10	86.48	10	10	10	10	10		10	10
1/4	1,830.83	1/4	1,480.08	1/4	1,129.33	1/4	780.00	1/4	429.48	1/4	79.28	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,823.53	1/2	1,472.78	1/2	1,122.03	1/2	772.72	1/2	422.18	1/2	72.08	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,816.22	3/4	1,465.47	3/4	1,114.72	3/4	765.45	3/4	414.87	3/4	64.87	3/4		3/4	3/4	3/4		3/4	3/4
11	1,808.91	11	1,458.16	11	1,107.41	11	758.17	11	407.56	11	57.67	11	11	11	11	11		11	11
1/4	1,801.60	1/4	1,450.85	1/4	1,100.13	1/4	750.90	1/4	400.25	1/4	51.42	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,794.30	1/2	1,443.55	1/2	1,092.84	1/2	743.62	1/2	392.95	1/2	45.17	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,786.99	3/4	1,436.24	3/4	1,085.56	3/4	736.35	3/4	385.64	3/4	38.91	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/13/2015 JMF
RECOMPUTED: 03/31/2023 JS
NAME CHANGE: 03/31/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

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



BARGE "CTC 29651"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3016"

GAUGE HEIGHT 16-00 3/4"

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		0	4,427.47	0	4,186.45	0	3,945.27	0	3,704.08	0	3,462.90	0	3,169.46	0	2,819.75	0	2,469.88
1/4	1/4	1/4	4,422.51	1/4	4,181.43	1/4	3,940.24	1/4	3,699.05	1/4	3,457.87	1/4	3,162.17	1/4	2,812.46	1/4	2,462.59		
1/2	1/2	1/2	4,417.54	1/2	4,176.40	1/2	3,935.22	1/2	3,694.03	1/2	3,452.85	1/2	3,154.89	1/2	2,805.17	1/2	2,455.29		
3/4	3/4	3/4	4,412.58	3/4	4,171.38	3/4	3,930.19	3/4	3,689.00	3/4	3,447.82	3/4	3,147.60	3/4	2,797.88	3/4	2,448.00		
1		1	4,407.56	1	4,166.36	1	3,925.17	1	3,683.98	1	3,442.78	1	3,140.32	1	2,790.59	1	2,440.71		
1/4	1/4	1/4	4,402.55	1/4	4,161.33	1/4	3,920.14	1/4	3,678.96	1/4	3,437.74	1/4	3,133.04	1/4	2,783.31	1/4	2,433.41		
1/2	1/2	1/2	4,397.53	1/2	4,156.31	1/2	3,915.12	1/2	3,673.93	1/2	3,432.69	1/2	3,125.75	1/2	2,776.02	1/2	2,426.12		
3/4	3/4	3/4	4,570.95	3/4	4,392.51	3/4	4,151.28	3/4	3,910.09	3/4	3,668.91	3/4	3,427.65	3/4	3,118.47	3/4	2,768.73	3/4	2,418.82
2		2	4,570.50	2	4,387.48	2	4,146.26	2	3,905.07	2	3,663.89	2	3,422.62	2	3,111.19	2	2,761.44	2	2,411.53
1/4	1/4	1/4	4,570.06	1/4	4,382.46	1/4	4,141.23	1/4	3,900.04	1/4	3,658.86	1/4	3,417.58	1/4	3,103.90	1/4	2,754.15	1/4	2,404.24
1/2	1/2	1/2	4,569.61	1/2	4,377.43	1/2	4,136.21	1/2	3,895.02	1/2	3,653.84	1/2	3,412.55	1/2	3,096.62	1/2	2,746.86	1/2	2,396.94
3/4	3/4	3/4	4,569.16	3/4	4,372.40	3/4	4,131.18	3/4	3,889.99	3/4	3,648.81	3/4	3,407.51	3/4	3,089.33	3/4	2,739.57	3/4	2,389.65
3		3	4,567.89	3	4,367.37	3	4,126.16	3	3,884.97	3	3,643.79	3	3,402.47	3	3,082.05	3	2,732.28	3	2,382.36
1/4	1/4	1/4	4,566.62	1/4	4,362.34	1/4	4,121.13	1/4	3,879.94	1/4	3,638.76	1/4	3,397.44	1/4	3,074.76	1/4	2,725.00	1/4	2,375.06
1/2	1/2	1/2	4,565.35	1/2	4,357.31	1/2	4,116.11	1/2	3,874.92	1/2	3,633.74	1/2	3,392.40	1/2	3,067.48	1/2	2,717.71	1/2	2,367.77
3/4	3/4	3/4	4,564.08	3/4	4,352.28	3/4	4,111.08	3/4	3,869.89	3/4	3,628.71	3/4	3,387.36	3/4	3,060.19	3/4	2,710.42	3/4	2,360.47
4		4	4,561.99	4	4,347.25	4	4,106.06	4	3,864.87	4	3,623.69	4	3,381.95	4	3,052.91	4	2,703.13	4	2,353.18
1/4	1/4	1/4	4,559.90	1/4	4,342.23	1/4	4,101.03	1/4	3,859.85	1/4	3,618.66	1/4	3,376.54	1/4	3,045.62	1/4	2,695.84	1/4	2,345.89
1/2	1/2	1/2	4,557.80	1/2	4,337.20	1/2	4,096.01	1/2	3,854.82	1/2	3,613.64	1/2	3,371.13	1/2	3,038.34	1/2	2,688.55	1/2	2,338.59
3/4	3/4	3/4	4,555.71	3/4	4,332.17	3/4	4,090.98	3/4	3,849.80	3/4	3,608.61	3/4	3,365.72	3/4	3,031.05	3/4	2,681.26	3/4	2,331.30
5		5	4,552.80	5	4,327.15	5	4,085.96	5	3,844.78	5	3,603.59	5	3,359.93	5	3,023.77	5	2,673.97	5	2,324.01
1/4	1/4	1/4	4,549.88	1/4	4,322.12	1/4	4,080.93	1/4	3,839.75	1/4	3,598.56	1/4	3,354.15	1/4	3,016.48	1/4	2,666.69	1/4	2,316.71
1/2	1/2	1/2	4,546.97	1/2	4,317.10	1/2	4,075.91	1/2	3,834.73	1/2	3,593.54	1/2	3,348.36	1/2	3,009.20	1/2	2,659.40	1/2	2,309.42
3/4	3/4	3/4	4,544.05	3/4	4,312.07	3/4	4,070.88	3/4	3,829.70	3/4	3,588.51	3/4	3,342.57	3/4	3,001.91	3/4	2,652.11	3/4	2,302.12
6		6	4,540.32	6	4,307.05	6	4,065.86	6	3,824.68	6	3,583.49	6	3,336.41	6	2,994.63	6	2,644.82	6	2,294.83
1/4	1/4	1/4	4,536.58	1/4	4,302.02	1/4	4,060.83	1/4	3,819.65	1/4	3,578.46	1/4	3,330.25	1/4	2,987.35	1/4	2,637.53	1/4	2,287.53
1/2	1/2	1/2	4,532.85	1/2	4,297.00	1/2	4,055.81	1/2	3,814.63	1/2	3,573.44	1/2	3,324.09	1/2	2,980.06	1/2	2,630.24	1/2	2,280.24
3/4	3/4	3/4	4,529.11	3/4	4,291.97	3/4	4,050.78	3/4	3,809.60	3/4	3,568.41	3/4	3,317.93	3/4	2,972.78	3/4	2,622.95	3/4	2,272.94
7		7	4,524.55	7	4,286.95	7	4,045.76	7	3,804.58	7	3,563.39	7	3,311.40	7	2,965.50	7	2,615.66	7	2,265.65
1/4	1/4	1/4	4,519.99	1/4	4,281.92	1/4	4,040.73	1/4	3,799.55	1/4	3,558.36	1/4	3,304.86	1/4	2,958.21	1/4	2,608.37	1/4	2,258.36
1/2	1/2	1/2	4,515.43	1/2	4,276.90	1/2	4,035.71	1/2	3,794.53	1/2	3,553.34	1/2	3,298.33	1/2	2,950.93	1/2	2,601.08	1/2	2,251.06
3/4	3/4	3/4	4,510.87	3/4	4,271.87	3/4	4,030.68	3/4	3,789.50	3/4	3,548.31	3/4	3,291.79	3/4	2,943.64	3/4	2,593.79	3/4	2,243.77
8		8	4,506.00	8	4,266.85	8	4,025.66	8	3,784.48	8	3,543.29	8	3,284.88	8	2,936.36	8	2,586.50	8	2,236.48
1/4	1/4	1/4	4,501.12	1/4	4,261.82	1/4	4,020.64	1/4	3,779.45	1/4	3,538.26	1/4	3,277.97	1/4	2,929.07	1/4	2,579.22	1/4	2,229.18
1/2	1/2	1/2	4,496.25	1/2	4,256.80	1/2	4,015.61	1/2	3,774.43	1/2	3,533.24	1/2	3,271.06	1/2	2,921.79	1/2	2,571.93	1/2	2,221.89
3/4	3/4	3/4	4,491.37	3/4	4,251.77	3/4	4,010.59	3/4	3,769.40	3/4	3,528.21	3/4	3,264.15	3/4	2,914.50	3/4	2,564.64	3/4	2,214.59
9		9	4,486.48	9	4,246.75	9	4,005.57	9	3,764.38	9	3,523.19	9	3,256.87	9	2,907.21	9	2,557.35	9	2,207.30
1/4	1/4	1/4	4,481.59	1/4	4,241.72	1/4	4,000.54	1/4	3,759.35	1/4	3,518.17	1/4	3,249.59	1/4	2,899.93	1/4	2,550.06	1/4	2,200.01
1/2	1/2	1/2	4,476.69	1/2	4,236.70	1/2	3,995.52	1/2	3,754.33	1/2	3,513.14	1/2	3,242.30	1/2	2,892.64	1/2	2,542.77	1/2	2,192.71
3/4	3/4	3/4	4,471.80	3/4	4,231.67	3/4	3,990.49	3/4	3,749.30	3/4	3,508.12	3/4	3,235.02	3/4	2,885.35	3/4	2,535.48	3/4	2,185.42
10		10	4,466.89	10	4,226.65	10	3,985.47	10	3,744.28	10	3,503.10	10	3,227.74	10	2,878.06	10	2,528.19	10	2,178.13
1/4	1/4	1/4	4,461.98	1/4	4,221.62	1/4	3,980.44	1/4	3,739.25	1/4	3,498.07	1/4	3,220.45	1/4	2,870.77	1/4	2,520.91	1/4	2,170.83
1/2	1/2	1/2	4,457.06	1/2	4,216.60	1/2	3,975.42	1/2	3,734.23	1/2	3,493.05	1/2	3,213.17	1/2	2,863.48	1/2	2,513.62	1/2	2,163.54
3/4	3/4	3/4	4,452.15	3/4	4,211.57	3/4	3,970.39	3/4	3,729.20	3/4	3,488.02	3/4	3,205.88	3/4	2,856.19	3/4	2,506.33	3/4	2,156.24
11		11	4,447.22	11	4,206.55	11	3,965.37	11	3,724.18	11	3,483.00	11	3,198.60	11	2,848.90	11	2,499.04	11	2,148.95
1/4	1/4	1/4	4,442.29	1/4	4,201.52	1/4	3,960.34	1/4	3,719.15	1/4	3,477.97	1/4	3,191.31	1/4	2,841.62	1/4	2,491.75	1/4	2,141.66
1/2	1/2	1/2	4,437.36	1/2	4,196.50	1/2	3,955.32	1/2	3,714.13	1/2	3,472.95	1/2	3,184.03	1/2	2,834.33	1/2	2,484.46	1/2	2,134.36
3/4	3/4	3/4	4,432.43	3/4	4,191.47	3/4	3,950.29	3/4	3,709.10	3/4	3,467.92	3/4	3,176.74	3/4	2,827.04	3/4	2,477.17	3/4	2,127.07

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.
GAUGE POINT: RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTC 29651"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3016"

GAUGE HEIGHT 16-00 3/4"

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	2,119.78	0	1,769.68	0	1,419.58	0	1,069.55	0	720.10	0	370.07	0	27.94	0		0		0	
1/4	2,112.48	1/4	1,762.38	1/4	1,412.29	1/4	1,062.27	1/4	712.81	1/4	362.78	1/4	23.48	1/4	1/4	1/4		1/4	
1/2	2,105.19	1/2	1,755.09	1/2	1,404.99	1/2	1,054.98	1/2	705.51	1/2	355.48	1/2	19.03	1/2	1/2	1/2		1/2	
3/4	2,097.89	3/4	1,747.79	3/4	1,397.70	3/4	1,047.70	3/4	698.22	3/4	348.19	3/4	14.57	3/4	3/4	3/4		3/4	
1	2,090.60	1	1,740.50	1	1,390.41	1	1,040.42	1	690.93	1	340.90	1		1	1	1		1	
1/4	2,083.31	1/4	1,733.21	1/4	1,383.12	1/4	1,033.15	1/4	683.64	1/4	333.61	1/4		1/4	1/4	1/4		1/4	
1/2	2,076.01	1/2	1,725.91	1/2	1,375.82	1/2	1,025.87	1/2	676.35	1/2	326.31	1/2		1/2	1/2	1/2		1/2	
3/4	2,068.72	3/4	1,718.62	3/4	1,368.53	3/4	1,018.59	3/4	669.06	3/4	319.02	3/4		3/4	3/4	3/4		3/4	
2	2,061.43	2	1,711.33	2	1,361.24	2	1,011.31	2	661.77	2	311.73	2		2	2	2		2	
1/4	2,054.13	1/4	1,704.03	1/4	1,353.94	1/4	1,004.04	1/4	654.48	1/4	304.44	1/4		1/4	1/4	1/4		1/4	
1/2	2,046.84	1/2	1,696.74	1/2	1,346.65	1/2	996.76	1/2	647.18	1/2	297.14	1/2		1/2	1/2	1/2		1/2	
3/4	2,039.54	3/4	1,689.44	3/4	1,339.35	3/4	989.48	3/4	639.89	3/4	289.85	3/4		3/4	3/4	3/4		3/4	
3	2,032.25	3	1,682.15	3	1,332.06	3	982.20	3	632.60	3	282.56	3		3	3	3		3	
1/4	2,024.95	1/4	1,674.86	1/4	1,324.77	1/4	974.92	1/4	625.31	1/4	275.27	1/4		1/4	1/4	1/4		1/4	
1/2	2,017.66	1/2	1,667.56	1/2	1,317.47	1/2	967.64	1/2	618.01	1/2	267.97	1/2		1/2	1/2	1/2		1/2	
3/4	2,010.36	3/4	1,660.27	3/4	1,310.18	3/4	960.36	3/4	610.72	3/4	260.68	3/4		3/4	3/4	3/4		3/4	
4	2,003.07	4	1,652.98	4	1,302.89	4	953.08	4	603.43	4	253.39	4		4	4	4		4	
1/4	1,995.78	1/4	1,645.68	1/4	1,295.60	1/4	945.81	1/4	596.14	1/4	246.10	1/4		1/4	1/4	1/4		1/4	
1/2	1,988.48	1/2	1,638.39	1/2	1,288.30	1/2	938.53	1/2	588.84	1/2	238.80	1/2		1/2	1/2	1/2		1/2	
3/4	1,981.19	3/4	1,631.09	3/4	1,281.01	3/4	931.25	3/4	581.55	3/4	231.51	3/4		3/4	3/4	3/4		3/4	
5	1,973.90	5	1,623.80	5	1,273.72	5	923.97	5	574.26	5	224.22	5		5	5	5		5	
1/4	1,966.60	1/4	1,616.51	1/4	1,266.42	1/4	916.70	1/4	566.97	1/4	216.93	1/4		1/4	1/4	1/4		1/4	
1/2	1,959.31	1/2	1,609.21	1/2	1,259.13	1/2	909.42	1/2	559.67	1/2	209.63	1/2		1/2	1/2	1/2		1/2	
3/4	1,952.01	3/4	1,601.92	3/4	1,251.83	3/4	902.14	3/4	552.38	3/4	202.34	3/4		3/4	3/4	3/4		3/4	
6	1,944.72	6	1,594.63	6	1,244.54	6	894.86	6	545.09	6	195.06	6		6	6	6		6	
1/4	1,937.43	1/4	1,587.33	1/4	1,237.25	1/4	887.59	1/4	537.80	1/4	187.77	1/4		1/4	1/4	1/4		1/4	
1/2	1,930.13	1/2	1,580.04	1/2	1,229.95	1/2	880.31	1/2	530.50	1/2	180.49	1/2		1/2	1/2	1/2		1/2	
3/4	1,922.84	3/4	1,572.74	3/4	1,222.66	3/4	873.03	3/4	523.21	3/4	173.20	3/4		3/4	3/4	3/4		3/4	
7	1,915.55	7	1,565.45	7	1,215.37	7	865.75	7	515.92	7	165.92	7		7	7	7		7	
1/4	1,908.25	1/4	1,558.16	1/4	1,208.07	1/4	858.48	1/4	508.63	1/4	158.65	1/4		1/4	1/4	1/4		1/4	
1/2	1,900.96	1/2	1,550.86	1/2	1,200.78	1/2	851.20	1/2	501.33	1/2	151.37	1/2		1/2	1/2	1/2		1/2	
3/4	1,893.66	3/4	1,543.57	3/4	1,193.48	3/4	843.92	3/4	494.04	3/4	144.09	3/4		3/4	3/4	3/4		3/4	
8	1,886.37	8	1,536.28	8	1,186.19	8	836.64	8	486.75	8	136.83	8		8	8	8		8	
1/4	1,879.08	1/4	1,528.98	1/4	1,178.90	1/4	829.37	1/4	479.46	1/4	129.57	1/4		1/4	1/4	1/4		1/4	
1/2	1,871.78	1/2	1,521.69	1/2	1,171.60	1/2	822.09	1/2	472.16	1/2	122.30	1/2		1/2	1/2	1/2		1/2	
3/4	1,864.49	3/4	1,514.39	3/4	1,164.31	3/4	814.81	3/4	464.87	3/4	115.04	3/4		3/4	3/4	3/4		3/4	
9	1,857.20	9	1,507.10	9	1,157.02	9	807.53	9	457.58	9	107.80	9		9	9	9		9	
1/4	1,849.90	1/4	1,499.81	1/4	1,149.72	1/4	800.25	1/4	450.29	1/4	100.57	1/4		1/4	1/4	1/4		1/4	
1/2	1,842.61	1/2	1,492.51	1/2	1,142.43	1/2	792.97	1/2	442.99	1/2	93.33	1/2		1/2	1/2	1/2		1/2	
3/4	1,835.31	3/4	1,485.22	3/4	1,135.13	3/4	785.69	3/4	435.70	3/4	86.09	3/4		3/4	3/4	3/4		3/4	
10	1,828.02	10	1,477.93	10	1,127.84	10	778.41	10	428.41	10	78.90	10		10	10	10		10	
1/4	1,820.73	1/4	1,470.64	1/4	1,120.55	1/4	771.13	1/4	421.12	1/4	71.72	1/4		1/4	1/4	1/4		1/4	
1/2	1,813.43	1/2	1,463.34	1/2	1,113.25	1/2	763.84	1/2	413.82	1/2	64.53	1/2		1/2	1/2	1/2		1/2	
3/4	1,806.14	3/4	1,456.05	3/4	1,105.96	3/4	756.56	3/4	406.53	3/4	57.34	3/4		3/4	3/4	3/4		3/4	
11	1,798.85	11	1,448.76	11	1,098.68	11	749.27	11	399.24	11	51.10	11		11	11	11		11	
1/4	1,791.56	1/4	1,441.46	1/4	1,091.40	1/4	741.98	1/4	391.95	1/4	44.87	1/4		1/4	1/4	1/4		1/4	
1/2	1,784.26	1/2	1,434.17	1/2	1,084.11	1/2	734.68	1/2	384.65	1/2	38.63	1/2		1/2	1/2	1/2		1/2	
3/4	1,776.97	3/4	1,426.87	3/4	1,076.83	3/4	727.39	3/4	377.36	3/4	32.39	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/13/2015 JMF
RECOMPUTED: 03/31/2023 JS
NAME CHANGE: 03/31/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

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



BARGE "CTC 29651"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3016"

GAUGE HEIGHT 16-01 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
					4,443.71		4,203.31		3,962.40		3,720.47		3,478.47		3,194.03		2,844.48		2,494.75
1/4	1/4	1/4		1/4	4,438.79	1/4	4,198.29	1/4	3,957.38	1/4	3,715.42	1/4	3,473.43	1/4	3,186.74	1/4	2,837.19	1/4	2,487.47
1/2	1/2	1/2		1/2	4,433.87	1/2	4,193.27	1/2	3,952.36	1/2	3,710.38	1/2	3,468.39	1/2	3,179.46	1/2	2,829.90	1/2	2,480.18
3/4	3/4	3/4		3/4	4,428.93	3/4	4,188.25	3/4	3,947.32	3/4	3,705.34	3/4	3,463.35	3/4	3,172.18	3/4	2,822.62	3/4	2,472.90
1	1	1		1	4,423.99	1	4,183.23	1	3,942.29	1	3,700.30	1	3,458.31	1	3,164.90	1	2,815.33	1	2,465.61
1/4	1/4	1/4		1/4	4,419.05	1/4	4,178.21	1/4	3,937.25	1/4	3,695.26	1/4	3,453.26	1/4	3,157.62	1/4	2,808.05	1/4	2,458.33
1/2	1/2	1/2		1/2	4,414.11	1/2	4,173.19	1/2	3,932.21	1/2	3,690.22	1/2	3,448.22	1/2	3,150.34	1/2	2,800.76	1/2	2,451.04
3/4	3/4	3/4		3/4	4,409.10	3/4	4,168.17	3/4	3,927.17	3/4	3,685.18	3/4	3,443.18	3/4	3,143.06	3/4	2,793.48	3/4	2,443.75
2	2	2		2	4,404.10	2	4,163.16	2	3,922.13	2	3,680.14	2	3,438.14	2	3,135.78	2	2,786.19	2	2,436.47
1/4	1/4	1/4		1/4	4,399.09	1/4	4,158.14	1/4	3,917.09	1/4	3,675.09	1/4	3,433.09	1/4	3,128.49	1/4	2,778.91	1/4	2,429.18
1/2	1/2	1/2		1/2	4,394.08	1/2	4,153.12	1/2	3,912.05	1/2	3,670.05	1/2	3,428.05	1/2	3,121.21	1/2	2,771.62	1/2	2,421.89
3/4	3/4	3/4	4,567.22	3/4	4,389.06	3/4	4,148.10	3/4	3,907.01	3/4	3,665.01	3/4	3,423.01	3/4	3,113.93	3/4	2,764.33	3/4	2,414.61
3	3	3	4,566.88	3	4,384.04	3	4,143.08	3	3,901.97	3	3,659.97	3	3,417.97	3	3,106.65	3	2,757.05	3	2,407.32
1/4	1/4	1/4	4,566.54	1/4	4,379.01	1/4	4,138.06	1/4	3,896.92	1/4	3,654.93	1/4	3,412.93	1/4	3,099.37	1/4	2,749.76	1/4	2,400.04
1/2	1/2	1/2	4,566.20	1/2	4,373.99	1/2	4,133.04	1/2	3,891.88	1/2	3,649.89	1/2	3,407.89	1/2	3,092.09	1/2	2,742.47	1/2	2,392.75
3/4	3/4	3/4	4,565.14	3/4	4,368.97	3/4	4,128.02	3/4	3,886.84	3/4	3,644.85	3/4	3,402.86	3/4	3,084.81	3/4	2,735.19	3/4	2,385.47
4	4	4	4,564.09	4	4,363.95	4	4,123.01	4	3,881.80	4	3,639.81	4	3,397.82	4	3,077.53	4	2,727.90	4	2,378.18
1/4	1/4	1/4	4,563.03	1/4	4,358.92	1/4	4,117.99	1/4	3,876.76	1/4	3,634.76	1/4	3,392.79	1/4	3,070.24	1/4	2,720.62	1/4	2,370.90
1/2	1/2	1/2	4,561.97	1/2	4,353.90	1/2	4,112.97	1/2	3,871.72	1/2	3,629.72	1/2	3,387.75	1/2	3,062.96	1/2	2,713.33	1/2	2,363.61
3/4	3/4	3/4	4,560.09	3/4	4,348.88	3/4	4,107.95	3/4	3,866.68	3/4	3,624.68	3/4	3,382.44	3/4	3,055.68	3/4	2,706.04	3/4	2,356.32
5	5	5	4,558.21	5	4,343.86	5	4,102.93	5	3,861.64	5	3,619.64	5	3,377.12	5	3,048.40	5	2,698.76	5	2,349.04
1/4	1/4	1/4	4,556.33	1/4	4,338.83	1/4	4,097.91	1/4	3,856.59	1/4	3,614.59	1/4	3,371.81	1/4	3,041.11	1/4	2,691.47	1/4	2,341.75
1/2	1/2	1/2	4,554.45	1/2	4,333.81	1/2	4,092.89	1/2	3,851.55	1/2	3,609.55	1/2	3,366.49	1/2	3,033.83	1/2	2,684.18	1/2	2,334.46
3/4	3/4	3/4	4,551.75	3/4	4,328.79	3/4	4,087.87	3/4	3,846.51	3/4	3,604.51	3/4	3,360.80	3/4	3,026.55	3/4	2,676.90	3/4	2,327.18
6	6	6	4,549.04	6	4,323.77	6	4,082.85	6	3,841.47	6	3,599.47	6	3,355.11	6	3,019.27	6	2,669.61	6	2,319.89
1/4	1/4	1/4	4,546.34	1/4	4,318.75	1/4	4,077.83	1/4	3,836.42	1/4	3,594.43	1/4	3,349.42	1/4	3,011.99	1/4	2,662.33	1/4	2,312.61
1/2	1/2	1/2	4,543.63	1/2	4,313.73	1/2	4,072.81	1/2	3,831.38	1/2	3,589.39	1/2	3,343.73	1/2	3,004.71	1/2	2,655.04	1/2	2,305.32
3/4	3/4	3/4	4,540.11	3/4	4,308.71	3/4	4,067.79	3/4	3,826.34	3/4	3,584.35	3/4	3,337.67	3/4	2,997.43	3/4	2,647.76	3/4	2,298.03
7	7	7	4,536.58	7	4,303.69	7	4,062.78	7	3,821.30	7	3,579.31	7	3,331.60	7	2,990.15	7	2,640.47	7	2,290.75
1/4	1/4	1/4	4,533.06	1/4	4,298.67	1/4	4,057.76	1/4	3,816.26	1/4	3,574.26	1/4	3,325.54	1/4	2,982.86	1/4	2,633.19	1/4	2,283.46
1/2	1/2	1/2	4,529.53	1/2	4,293.65	1/2	4,052.74	1/2	3,811.22	1/2	3,569.22	1/2	3,319.47	1/2	2,975.58	1/2	2,625.90	1/2	2,276.17
3/4	3/4	3/4	4,525.18	3/4	4,288.63	3/4	4,047.72	3/4	3,806.18	3/4	3,564.18	3/4	3,313.03	3/4	2,968.30	3/4	2,618.61	3/4	2,268.89
8	8	8	4,520.84	8	4,283.61	8	4,042.70	8	3,801.14	8	3,559.14	8	3,306.60	8	2,961.02	8	2,611.33	8	2,261.60
1/4	1/4	1/4	4,516.49	1/4	4,278.59	1/4	4,037.68	1/4	3,796.09	1/4	3,554.09	1/4	3,300.16	1/4	2,953.74	1/4	2,604.04	1/4	2,254.32
1/2	1/2	1/2	4,512.14	1/2	4,273.57	1/2	4,032.66	1/2	3,791.05	1/2	3,549.05	1/2	3,293.72	1/2	2,946.46	1/2	2,596.75	1/2	2,247.03
3/4	3/4	3/4	4,507.28	3/4	4,268.55	3/4	4,027.64	3/4	3,786.01	3/4	3,544.01	3/4	3,286.91	3/4	2,939.18	3/4	2,589.47	3/4	2,239.75
9	9	9	4,502.41	9	4,263.54	9	4,022.63	9	3,780.97	9	3,538.97	9	3,280.10	9	2,931.90	9	2,582.18	9	2,232.46
1/4	1/4	1/4	4,497.55	1/4	4,258.52	1/4	4,017.61	1/4	3,775.92	1/4	3,533.93	1/4	3,273.28	1/4	2,924.61	1/4	2,574.90	1/4	2,225.18
1/2	1/2	1/2	4,492.68	1/2	4,253.50	1/2	4,012.59	1/2	3,770.88	1/2	3,528.89	1/2	3,266.47	1/2	2,917.33	1/2	2,567.61	1/2	2,217.89
3/4	3/4	3/4	4,487.80	3/4	4,248.48	3/4	4,007.57	3/4	3,765.84	3/4	3,523.85	3/4	3,259.28	3/4	2,910.05	3/4	2,560.33	3/4	2,210.60
10	10	10	4,482.92	10	4,243.46	10	4,002.55	10	3,760.80	10	3,518.81	10	3,252.10	10	2,902.76	10	2,553.04	10	2,203.32
1/4	1/4	1/4	4,478.03	1/4	4,238.44	1/4	3,997.53	1/4	3,755.76	1/4	3,513.76	1/4	3,244.91	1/4	2,895.48	1/4	2,545.76	1/4	2,196.03
1/2	1/2	1/2	4,473.15	1/2	4,233.42	1/2	3,992.51	1/2	3,750.72	1/2	3,508.72	1/2	3,237.72	1/2	2,888.19	1/2	2,538.47	1/2	2,188.74
3/4	3/4	3/4	4,468.25	3/4	4,228.40	3/4	3,987.49	3/4	3,745.68	3/4	3,503.68	3/4	3,230.44	3/4	2,880.91	3/4	2,531.18	3/4	2,181.46
11	11	11	4,463.35	11	4,223.39	11	3,982.47	11	3,740.64	11	3,498.64	11	3,223.16	11	2,873.62	11	2,523.90	11	2,174.17
1/4	1/4	1/4	4,458.45	1/4	4,218.37	1/4	3,977.45	1/4	3,735.59	1/4	3,493.59	1/4	3,215.87	1/4	2,866.34	1/4	2,516.61	1/4	2,166.89
1/2	1/2	1/2	4,453.55	1/2	4,213.35	1/2	3,972.43	1/2	3,730.55	1/2	3,488.55	1/2	3,208.59	1/2	2,859.05	1/2	2,509.32	1/2	2,159.60
3/4	3/4	3/4	4,448.63	3/4	4,208.33	3/4	3,967.41	3/4	3,725.51	3/4	3,483.51	3/4	3,201.31	3/4	2,851.76	3/4	2,502.04	3/4	2,152.32

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.
GAUGE POINT: RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK.

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



BARGE "CTC 29651"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3016"

GAUGE HEIGHT 16-01 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	2,145.03	0	1,795.31	0	1,445.68	0	1,096.13	0	748.64	0	399.04	0	51.23	0		0		0	
1/4	2,137.75	1/4	1,788.03	1/4	1,438.39	1/4	1,088.86	1/4	741.39	1/4	391.76	1/4	44.60	1/4	1/4	1/4		1/4	
1/2	2,130.46	1/2	1,780.74	1/2	1,431.11	1/2	1,081.58	1/2	734.13	1/2	384.47	1/2	37.96	1/2	1/2	1/2		1/2	
3/4	2,123.17	3/4	1,773.46	3/4	1,423.83	3/4	1,074.31	3/4	726.85	3/4	377.19	3/4	33.06	3/4	3/4	3/4		3/4	
1	2,115.89	1	1,766.17	1	1,416.55	1	1,067.04	1	719.57	1	369.90	1	28.16	1	1	1		1	
1/4	2,108.60	1/4	1,758.89	1/4	1,409.26	1/4	1,059.77	1/4	712.29	1/4	362.62	1/4	23.25	1/4	1/4	1/4		1/4	
1/2	2,101.31	1/2	1,751.60	1/2	1,401.98	1/2	1,052.50	1/2	705.01	1/2	355.33	1/2	18.35	1/2	1/2	1/2		1/2	
3/4	2,094.03	3/4	1,744.32	3/4	1,394.70	3/4	1,045.26	3/4	697.73	3/4	348.05	3/4		3/4	3/4	3/4		3/4	
2	2,086.74	2	1,737.03	2	1,387.42	2	1,038.02	2	690.44	2	340.76	2		2	2	2		2	
1/4	2,079.46	1/4	1,729.75	1/4	1,380.13	1/4	1,030.77	1/4	683.16	1/4	333.48	1/4		1/4	1/4	1/4		1/4	
1/2	2,072.17	1/2	1,722.46	1/2	1,372.85	1/2	1,023.53	1/2	675.87	1/2	326.19	1/2		1/2	1/2	1/2		1/2	
3/4	2,064.89	3/4	1,715.17	3/4	1,365.57	3/4	1,016.30	3/4	668.59	3/4	318.91	3/4		3/4	3/4	3/4		3/4	
3	2,057.60	3	1,707.89	3	1,358.29	3	1,009.07	3	661.30	3	311.62	3		3	3	3		3	
1/4	2,050.32	1/4	1,700.60	1/4	1,351.00	1/4	1,001.83	1/4	654.02	1/4	304.34	1/4		1/4	1/4	1/4		1/4	
1/2	2,043.03	1/2	1,693.31	1/2	1,343.72	1/2	994.60	1/2	646.73	1/2	297.05	1/2		1/2	1/2	1/2		1/2	
3/4	2,035.74	3/4	1,686.03	3/4	1,336.44	3/4	987.37	3/4	639.45	3/4	289.77	3/4		3/4	3/4	3/4		3/4	
4	2,028.46	4	1,678.74	4	1,329.16	4	980.14	4	632.16	4	282.48	4		4	4	4		4	
1/4	2,021.17	1/4	1,671.46	1/4	1,321.87	1/4	972.90	1/4	624.88	1/4	275.20	1/4		1/4	1/4	1/4		1/4	
1/2	2,013.88	1/2	1,664.17	1/2	1,314.59	1/2	965.67	1/2	617.59	1/2	267.91	1/2		1/2	1/2	1/2		1/2	
3/4	2,006.60	3/4	1,656.89	3/4	1,307.31	3/4	958.44	3/4	610.31	3/4	260.63	3/4		3/4	3/4	3/4		3/4	
5	1,999.31	5	1,649.60	5	1,300.03	5	951.21	5	603.02	5	253.34	5		5	5	5		5	
1/4	1,992.03	1/4	1,642.32	1/4	1,292.74	1/4	943.98	1/4	595.74	1/4	246.06	1/4		1/4	1/4	1/4		1/4	
1/2	1,984.74	1/2	1,635.03	1/2	1,285.46	1/2	936.75	1/2	588.45	1/2	238.77	1/2		1/2	1/2	1/2		1/2	
3/4	1,977.46	3/4	1,627.75	3/4	1,278.18	3/4	929.52	3/4	581.17	3/4	231.49	3/4		3/4	3/4	3/4		3/4	
6	1,970.17	6	1,620.46	6	1,270.90	6	922.29	6	573.88	6	224.21	6		6	6	6		6	
1/4	1,962.89	1/4	1,613.18	1/4	1,263.61	1/4	915.05	1/4	566.60	1/4	216.92	1/4		1/4	1/4	1/4		1/4	
1/2	1,955.60	1/2	1,605.89	1/2	1,256.33	1/2	907.82	1/2	559.31	1/2	209.64	1/2		1/2	1/2	1/2		1/2	
3/4	1,948.31	3/4	1,598.61	3/4	1,249.05	3/4	900.59	3/4	552.03	3/4	202.35	3/4		3/4	3/4	3/4		3/4	
7	1,941.03	7	1,591.32	7	1,241.77	7	893.36	7	544.74	7	195.07	7		7	7	7		7	
1/4	1,933.74	1/4	1,584.04	1/4	1,234.48	1/4	886.12	1/4	537.46	1/4	187.78	1/4		1/4	1/4	1/4		1/4	
1/2	1,926.45	1/2	1,576.75	1/2	1,227.20	1/2	878.89	1/2	530.17	1/2	180.49	1/2		1/2	1/2	1/2		1/2	
3/4	1,919.17	3/4	1,569.47	3/4	1,219.92	3/4	871.66	3/4	522.89	3/4	173.21	3/4		3/4	3/4	3/4		3/4	
8	1,911.88	8	1,562.19	8	1,212.64	8	864.43	8	515.60	8	165.93	8		8	8	8		8	
1/4	1,904.60	1/4	1,554.90	1/4	1,205.35	1/4	857.19	1/4	508.32	1/4	158.65	1/4		1/4	1/4	1/4		1/4	
1/2	1,897.31	1/2	1,547.62	1/2	1,198.07	1/2	849.96	1/2	501.03	1/2	151.37	1/2		1/2	1/2	1/2		1/2	
3/4	1,890.03	3/4	1,540.34	3/4	1,190.79	3/4	842.73	3/4	493.75	3/4	144.10	3/4		3/4	3/4	3/4		3/4	
9	1,882.74	9	1,533.06	9	1,183.51	9	835.50	9	486.46	9	136.84	9		9	9	9		9	
1/4	1,875.46	1/4	1,525.78	1/4	1,176.22	1/4	828.26	1/4	479.18	1/4	129.57	1/4		1/4	1/4	1/4		1/4	
1/2	1,868.17	1/2	1,518.50	1/2	1,168.94	1/2	821.03	1/2	471.89	1/2	122.30	1/2		1/2	1/2	1/2		1/2	
3/4	1,860.89	3/4	1,511.22	3/4	1,161.66	3/4	813.80	3/4	464.61	3/4	115.06	3/4		3/4	3/4	3/4		3/4	
10	1,853.60	10	1,503.94	10	1,154.38	10	806.57	10	457.32	10	107.82	10		10	10	10		10	
1/4	1,846.32	1/4	1,496.65	1/4	1,147.09	1/4	799.33	1/4	450.04	1/4	100.57	1/4		1/4	1/4	1/4		1/4	
1/2	1,839.03	1/2	1,489.37	1/2	1,139.81	1/2	792.10	1/2	442.75	1/2	93.33	1/2		1/2	1/2	1/2		1/2	
3/4	1,831.74	3/4	1,482.09	3/4	1,132.53	3/4	784.86	3/4	435.47	3/4	86.12	3/4		3/4	3/4	3/4		3/4	
11	1,824.46	11	1,474.81	11	1,125.25	11	777.63	11	428.18	11	78.92	11		11	11	11		11	
1/4	1,817.17	1/4	1,467.52	1/4	1,117.96	1/4	770.39	1/4	420.90	1/4	71.71	1/4		1/4	1/4	1/4		1/4	
1/2	1,809.88	1/2	1,460.24	1/2	1,110.68	1/2	763.15	1/2	413.61	1/2	64.50	1/2		1/2	1/2	1/2		1/2	
3/4	1,802.60	3/4	1,452.96	3/4	1,103.41	3/4	755.90	3/4	406.33	3/4	57.87	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/13/2015 JMF
RECOMPUTED: 03/31/2023 JS
NAME CHANGE: 03/31/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

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