



# BARGE "CTC 29650"

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3015"

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	283.71	0	634.39	0	963.60	0	1,292.91	0	1,622.22	0	1,951.52	0	2,280.83	0	2,610.13	0	2,939.43
1/4	14.52	1/4	290.15	1/4	641.25	1/4	970.46	1/4	1,299.77	1/4	1,629.08	1/4	1,958.38	1/4	2,287.69	1/4	2,616.99	1/4	2,946.29
1/2	17.89	1/2	296.59	1/2	648.12	1/2	977.32	1/2	1,306.63	1/2	1,635.94	1/2	1,965.24	1/2	2,294.55	1/2	2,623.85	1/2	2,953.16
3/4	21.26	3/4	303.03	3/4	654.98	3/4	984.19	3/4	1,313.50	3/4	1,642.80	3/4	1,972.10	3/4	2,301.41	3/4	2,630.71	3/4	2,960.02
1	24.63	1	309.47	1	661.84	1	991.05	1	1,320.36	1	1,649.66	1	1,978.96	1	2,308.27	1	2,637.57	1	2,966.88
1/4	29.42	1/4	315.99	1/4	668.70	1/4	997.91	1/4	1,327.22	1/4	1,656.52	1/4	1,985.82	1/4	2,315.13	1/4	2,644.43	1/4	2,973.74
1/2	34.20	1/2	322.50	1/2	675.56	1/2	1,004.77	1/2	1,334.08	1/2	1,663.38	1/2	1,992.68	1/2	2,321.99	1/2	2,651.29	1/2	2,980.60
3/4	38.99	3/4	329.02	3/4	682.41	3/4	1,011.63	3/4	1,340.94	3/4	1,670.24	3/4	1,999.55	3/4	2,328.85	3/4	2,658.15	3/4	2,987.46
2	43.77	2	335.53	2	689.27	2	1,018.49	2	1,347.80	2	1,677.10	2	2,006.41	2	2,335.71	2	2,665.01	2	2,994.32
1/4	49.36	1/4	342.12	1/4	696.13	1/4	1,025.35	1/4	1,354.66	1/4	1,683.96	1/4	2,013.27	1/4	2,342.57	1/4	2,671.87	1/4	3,001.18
1/2	54.95	1/2	348.72	1/2	702.98	1/2	1,032.22	1/2	1,361.52	1/2	1,690.82	1/2	2,020.13	1/2	2,349.43	1/2	2,678.74	1/2	3,008.04
3/4	60.53	3/4	355.31	3/4	709.84	3/4	1,039.08	3/4	1,368.38	3/4	1,697.68	3/4	2,026.99	3/4	2,356.29	3/4	2,685.60	3/4	3,014.90
3	66.12	3	361.90	3	716.70	3	1,045.94	3	1,375.24	3	1,704.54	3	2,033.85	3	2,363.15	3	2,692.46	3	3,021.76
1/4	71.82	1/4	368.57	1/4	723.56	1/4	1,052.80	1/4	1,382.10	1/4	1,711.40	1/4	2,040.71	1/4	2,370.01	1/4	2,699.32	1/4	3,028.62
1/2	77.53	1/2	375.24	1/2	730.41	1/2	1,059.66	1/2	1,388.96	1/2	1,718.26	1/2	2,047.57	1/2	2,376.87	1/2	2,706.18	1/2	3,035.48
3/4	83.23	3/4	381.91	3/4	737.27	3/4	1,066.52	3/4	1,395.82	3/4	1,725.13	3/4	2,054.43	3/4	2,383.73	3/4	2,713.04	3/4	3,042.34
4	88.93	4	388.58	4	744.13	4	1,073.38	4	1,402.68	4	1,731.99	4	2,061.29	4	2,390.59	4	2,719.90	4	3,049.20
1/4	94.73	1/4	395.33	1/4	750.99	1/4	1,080.24	1/4	1,409.54	1/4	1,738.85	1/4	2,068.15	1/4	2,397.45	1/4	2,726.76	1/4	3,056.06
1/2	100.53	1/2	402.08	1/2	757.85	1/2	1,087.10	1/2	1,416.40	1/2	1,745.71	1/2	2,075.01	1/2	2,404.31	1/2	2,733.62	1/2	3,062.92
3/4	106.32	3/4	408.82	3/4	764.71	3/4	1,093.96	3/4	1,423.26	3/4	1,752.57	3/4	2,081.87	3/4	2,411.18	3/4	2,740.48	3/4	3,069.78
5	112.12	5	415.57	5	771.57	5	1,100.82	5	1,430.12	5	1,759.43	5	2,088.73	5	2,418.04	5	2,747.34	5	3,076.64
1/4	118.01	1/4	429.22	1/4	778.43	1/4	1,107.68	1/4	1,436.98	1/4	1,766.29	1/4	2,095.59	1/4	2,424.90	1/4	2,754.20	1/4	3,083.50
1/2	123.90	1/2	442.87	1/2	785.28	1/2	1,114.54	1/2	1,443.84	1/2	1,773.15	1/2	2,102.45	1/2	2,431.76	1/2	2,761.06	1/2	3,090.37
3/4	129.78	3/4	456.51	3/4	792.14	3/4	1,121.40	3/4	1,450.71	3/4	1,780.01	3/4	2,109.31	3/4	2,438.62	3/4	2,767.92	3/4	3,097.23
6	135.67	6	470.16	6	799.00	6	1,128.26	6	1,457.57	6	1,786.87	6	2,116.17	6	2,445.48	6	2,774.78	6	3,104.09
1/4	141.64	1/4	476.99	1/4	805.86	1/4	1,135.12	1/4	1,464.43	1/4	1,793.73	1/4	2,123.03	1/4	2,452.34	1/4	2,781.64	1/4	3,110.95
1/2	147.62	1/2	483.81	1/2	812.71	1/2	1,141.98	1/2	1,471.29	1/2	1,800.59	1/2	2,129.89	1/2	2,459.20	1/2	2,788.50	1/2	3,117.81
3/4	153.59	3/4	490.64	3/4	819.57	3/4	1,148.84	3/4	1,478.15	3/4	1,807.45	3/4	2,136.76	3/4	2,466.06	3/4	2,795.36	3/4	3,124.67
7	159.56	7	497.46	7	826.43	7	1,155.70	7	1,485.01	7	1,814.31	7	2,143.62	7	2,472.92	7	2,802.22	7	3,131.53
1/4	165.61	1/4	504.28	1/4	833.29	1/4	1,162.56	1/4	1,491.87	1/4	1,821.17	1/4	2,150.48	1/4	2,479.78	1/4	2,809.08	1/4	3,138.39
1/2	171.67	1/2	511.11	1/2	840.14	1/2	1,169.43	1/2	1,498.73	1/2	1,828.03	1/2	2,157.34	1/2	2,486.64	1/2	2,815.95	1/2	3,145.25
3/4	177.72	3/4	517.93	3/4	847.00	3/4	1,176.29	3/4	1,505.59	3/4	1,834.89	3/4	2,164.20	3/4	2,493.50	3/4	2,822.81	3/4	3,152.11
8	183.77	8	524.75	8	853.86	8	1,183.15	8	1,512.45	8	1,841.75	8	2,171.06	8	2,500.36	8	2,829.67	8	3,158.97
1/4	189.90	1/4	531.58	1/4	860.72	1/4	1,190.01	1/4	1,519.31	1/4	1,848.61	1/4	2,177.92	1/4	2,507.22	1/4	2,836.53	1/4	3,165.83
1/2	196.04	1/2	538.40	1/2	867.57	1/2	1,196.87	1/2	1,526.17	1/2	1,855.47	1/2	2,184.78	1/2	2,514.08	1/2	2,843.39	1/2	3,172.69
3/4	202.17	3/4	545.23	3/4	874.43	3/4	1,203.73	3/4	1,533.03	3/4	1,862.34	3/4	2,191.64	3/4	2,520.94	3/4	2,850.25	3/4	3,179.55
9	208.30	9	552.05	9	881.29	9	1,210.59	9	1,539.89	9	1,869.20	9	2,198.50	9	2,527.80	9	2,857.11	9	3,186.41
1/4	214.51	1/4	558.91	1/4	888.15	1/4	1,217.45	1/4	1,546.75	1/4	1,876.06	1/4	2,205.36	1/4	2,534.66	1/4	2,863.97	1/4	3,193.27
1/2	220.72	1/2	565.78	1/2	895.00	1/2	1,224.31	1/2	1,553.61	1/2	1,882.92	1/2	2,212.22	1/2	2,541.53	1/2	2,870.83	1/2	3,200.13
3/4	226.92	3/4	572.64	3/4	901.86	3/4	1,231.17	3/4	1,560.47	3/4	1,889.78	3/4	2,219.08	3/4	2,548.39	3/4	2,877.69	3/4	3,206.99
10	233.13	10	579.50	10	908.72	10	1,238.03	10	1,567.33	10	1,896.64	10	2,225.94	10	2,555.25	10	2,884.55	10	3,213.85
1/4	239.42	1/4	586.36	1/4	915.58	1/4	1,244.89	1/4	1,574.19	1/4	1,903.50	1/4	2,232.80	1/4	2,562.11	1/4	2,891.41	1/4	3,220.71
1/2	245.70	1/2	593.22	1/2	922.44	1/2	1,251.75	1/2	1,581.05	1/2	1,910.36	1/2	2,239.66	1/2	2,568.97	1/2	2,898.27	1/2	3,227.58
3/4	251.99	3/4	600.08	3/4	929.30	3/4	1,258.61	3/4	1,587.92	3/4	1,917.22	3/4	2,246.52	3/4	2,575.83	3/4	2,905.13	3/4	3,234.44
11	258.27	11	606.94	11	936.16	11	1,265.47	11	1,594.78	11	1,924.08	11	2,253.38	11	2,582.69	11	2,911.99	11	3,241.30
1/4	264.63	1/4	613.80	1/4	943.02	1/4	1,272.33	1/4	1,601.64	1/4	1,930.94	1/4	2,260.24	1/4	2,589.55	1/4	2,918.85	1/4	3,248.16
1/2	270.99	1/2	620.67	1/2	949.88	1/2	1,279.19	1/2	1,608.50	1/2	1,937.80	1/2	2,267.10	1/2	2,596.41	1/2	2,925.71	1/2	3,255.02
3/4	277.35	3/4	627.53	3/4	956.74	3/4	1,286.05	3/4	1,615.36	3/4	1,944.66	3/4	2,273.97	3/4	2,603.27	3/4	2,932.57	3/4	3,261.88

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 29650"

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3015"

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	3,268.74	0	3,598.04	0	3,927.35	0	4,255.07	0	4,582.02	0		0		0		0		0	
1/4	3,275.60	1/4	3,604.90	1/4	3,934.21	1/4	4,261.89	1/4	4,588.74	1/4		1/4		1/4		1/4		1/4	
1/2	3,282.46	1/2	3,611.76	1/2	3,941.07	1/2	4,268.71	1/2	4,595.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,289.32	3/4	3,618.62	3/4	3,947.93	3/4	4,275.53	3/4	4,602.17	3/4		3/4		3/4		3/4		3/4	
1	3,296.18	1	3,625.48	1	3,954.79	1	4,282.35	1	4,608.89	1		1		1		1		1	
1/4	3,303.04	1/4	3,632.34	1/4	3,961.65	1/4	4,289.17	1/4	4,615.58	1/4		1/4		1/4		1/4		1/4	
1/2	3,309.90	1/2	3,639.21	1/2	3,968.51	1/2	4,295.99	1/2	4,622.28	1/2		1/2		1/2		1/2		1/2	
3/4	3,316.76	3/4	3,646.07	3/4	3,975.37	3/4	4,302.81	3/4	4,628.97	3/4		3/4		3/4		3/4		3/4	
2	3,323.62	2	3,652.93	2	3,982.23	2	4,309.63	2	4,635.66	2		2		2		2		2	
1/4	3,330.48	1/4	3,659.79	1/4	3,989.05	1/4	4,316.45	1/4	4,642.33	1/4		1/4		1/4		1/4		1/4	
1/2	3,337.34	1/2	3,666.65	1/2	3,995.87	1/2	4,323.28	1/2	4,649.00	1/2		1/2		1/2		1/2		1/2	
3/4	3,344.20	3/4	3,673.51	3/4	4,002.69	3/4	4,330.10	3/4	4,655.66	3/4		3/4		3/4		3/4		3/4	
3	3,351.06	3	3,680.37	3	4,009.51	3	4,336.92	3	4,662.33	3		3		3		3		3	
1/4	3,357.92	1/4	3,687.23	1/4	4,016.33	1/4	4,343.74	1/4	4,669.01	1/4		1/4		1/4		1/4		1/4	
1/2	3,364.79	1/2	3,694.09	1/2	4,023.16	1/2	4,350.57	1/2	4,675.68	1/2		1/2		1/2		1/2		1/2	
3/4	3,371.65	3/4	3,700.95	3/4	4,029.98	3/4	4,357.39	3/4	4,682.36	3/4		3/4		3/4		3/4		3/4	
4	3,378.51	4	3,707.81	4	4,036.80	4	4,364.21	4	4,689.03	4		4		4		4		4	
1/4	3,385.37	1/4	3,714.67	1/4	4,043.62	1/4	4,371.03	1/4	4,695.38	1/4		1/4		1/4		1/4		1/4	
1/2	3,392.23	1/2	3,721.53	1/2	4,050.44	1/2	4,377.86	1/2	4,701.73	1/2		1/2		1/2		1/2		1/2	
3/4	3,399.09	3/4	3,728.39	3/4	4,057.26	3/4	4,384.68	3/4	4,708.08	3/4		3/4		3/4		3/4		3/4	
5	3,405.95	5	3,735.25	5	4,064.08	5	4,391.50	5	4,714.43	5		5		5		5		5	
1/4	3,412.81	1/4	3,742.11	1/4	4,070.90	1/4	4,398.33	1/4	4,719.66	1/4		1/4		1/4		1/4		1/4	
1/2	3,419.67	1/2	3,748.97	1/2	4,077.72	1/2	4,405.15	1/2	4,724.89	1/2		1/2		1/2		1/2		1/2	
3/4	3,426.53	3/4	3,755.83	3/4	4,084.54	3/4	4,411.98	3/4	4,730.12	3/4		3/4		3/4		3/4		3/4	
6	3,433.39	6	3,762.69	6	4,091.36	6	4,418.80	6	4,735.35	6		6		6		6		6	
1/4	3,440.25	1/4	3,769.55	1/4	4,098.18	1/4	4,425.62	1/4	4,739.46	1/4		1/4		1/4		1/4		1/4	
1/2	3,447.11	1/2	3,776.42	1/2	4,105.01	1/2	4,432.45	1/2	4,743.58	1/2		1/2		1/2		1/2		1/2	
3/4	3,453.97	3/4	3,783.28	3/4	4,111.83	3/4	4,439.27	3/4	4,747.69	3/4		3/4		3/4		3/4		3/4	
7	3,460.83	7	3,790.14	7	4,118.65	7	4,446.09	7	4,751.80	7		7		7		7		7	
1/4	3,467.69	1/4	3,797.00	1/4	4,125.47	1/4	4,452.91	1/4	4,754.80	1/4		1/4		1/4		1/4		1/4	
1/2	3,474.55	1/2	3,803.86	1/2	4,132.29	1/2	4,459.74	1/2	4,757.79	1/2		1/2		1/2		1/2		1/2	
3/4	3,481.41	3/4	3,810.72	3/4	4,139.11	3/4	4,466.56	3/4	4,760.79	3/4		3/4		3/4		3/4		3/4	
8	3,488.27	8	3,817.58	8	4,145.93	8	4,473.38	8	4,763.78	8		8		8		8		8	
1/4	3,495.13	1/4	3,824.44	1/4	4,152.75	1/4	4,480.21	1/4	4,765.66	1/4		1/4		1/4		1/4		1/4	
1/2	3,502.00	1/2	3,831.30	1/2	4,159.58	1/2	4,487.03	1/2	4,767.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,508.86	3/4	3,838.16	3/4	4,166.40	3/4	4,493.86	3/4	4,769.41	3/4		3/4		3/4		3/4		3/4	
9	3,515.72	9	3,845.02	9	4,173.22	9	4,500.68	9	4,771.28	9		9		9		9		9	
1/4	3,522.58	1/4	3,851.88	1/4	4,180.04	1/4	4,507.50	1/4	4,772.04	1/4		1/4		1/4		1/4		1/4	
1/2	3,529.44	1/2	3,858.74	1/2	4,186.86	1/2	4,514.33	1/2	4,772.80	1/2		1/2		1/2		1/2		1/2	
3/4	3,536.30	3/4	3,865.60	3/4	4,193.68	3/4	4,521.15	3/4	4,773.55	3/4		3/4		3/4		3/4		3/4	
10	3,543.16	10	3,872.46	10	4,200.50	10	4,527.97	10	4,774.31	10		10		10		10		10	
1/4	3,550.02	1/4	3,879.32	1/4	4,207.32	1/4	4,534.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,556.88	1/2	3,886.18	1/2	4,214.14	1/2	4,541.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,563.74	3/4	3,893.04	3/4	4,220.96	3/4	4,548.27	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,570.60	11	3,899.90	11	4,227.78	11	4,555.04	11		11		11		11		11		11	
1/4	3,577.46	1/4	3,906.76	1/4	4,234.60	1/4	4,561.79	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,584.32	1/2	3,913.63	1/2	4,241.43	1/2	4,568.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,591.18	3/4	3,920.49	3/4	4,248.25	3/4	4,575.28	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 29650"

## 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3015"

GAUGE HEIGHT 16-01 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	8.65	0	283.76	0	635.13	0	964.18	0	1,293.55	0	1,622.92	0	1,952.29	0	2,281.65	0	2,611.02	0	2,940.38
1/4	11.67	1/4	290.20	1/4	641.99	1/4	971.04	1/4	1,300.41	1/4	1,629.78	1/4	1,959.15	1/4	2,288.51	1/4	2,617.88	1/4	2,947.24
1/2	14.70	1/2	296.64	1/2	648.86	1/2	977.91	1/2	1,307.28	1/2	1,636.64	1/2	1,966.01	1/2	2,295.38	1/2	2,624.75	1/2	2,954.11
3/4	17.72	3/4	303.08	3/4	655.72	3/4	984.77	3/4	1,314.14	3/4	1,643.51	3/4	1,972.87	3/4	2,302.24	3/4	2,631.61	3/4	2,960.97
1	20.74	1	309.52	1	662.58	1	991.63	1	1,321.00	1	1,650.37	1	1,979.73	1	2,309.10	1	2,638.47	1	2,967.83
1/4	25.17	1/4	316.04	1/4	669.44	1/4	998.49	1/4	1,327.86	1/4	1,657.23	1/4	1,986.59	1/4	2,315.96	1/4	2,645.33	1/4	2,974.69
1/2	29.60	1/2	322.56	1/2	676.29	1/2	1,005.36	1/2	1,334.73	1/2	1,664.09	1/2	1,993.45	1/2	2,322.83	1/2	2,652.19	1/2	2,981.56
3/4	34.03	3/4	329.07	3/4	683.15	3/4	1,012.22	3/4	1,341.59	3/4	1,670.95	3/4	2,000.32	3/4	2,329.69	3/4	2,659.05	3/4	2,988.42
2	38.46	2	335.59	2	690.00	2	1,019.08	2	1,348.45	2	1,677.81	2	2,007.18	2	2,336.55	2	2,665.91	2	2,995.28
1/4	43.97	1/4	342.19	1/4	696.86	1/4	1,025.94	1/4	1,355.31	1/4	1,684.67	1/4	2,014.04	1/4	2,343.41	1/4	2,672.77	1/4	3,002.14
1/2	49.48	1/2	348.78	1/2	703.71	1/2	1,032.81	1/2	1,362.17	1/2	1,691.53	1/2	2,020.90	1/2	2,350.27	1/2	2,679.64	1/2	3,009.01
3/4	54.99	3/4	355.38	3/4	710.57	3/4	1,039.67	3/4	1,369.03	3/4	1,698.40	3/4	2,027.77	3/4	2,357.13	3/4	2,686.50	3/4	3,015.87
3	60.50	3	361.97	3	717.42	3	1,046.53	3	1,375.89	3	1,705.26	3	2,034.63	3	2,363.99	3	2,693.36	3	3,022.73
1/4	66.18	1/4	368.64	1/4	724.27	1/4	1,053.39	1/4	1,382.75	1/4	1,712.12	1/4	2,041.49	1/4	2,370.85	1/4	2,700.22	1/4	3,029.59
1/2	71.86	1/2	375.31	1/2	731.13	1/2	1,060.26	1/2	1,389.62	1/2	1,718.98	1/2	2,048.35	1/2	2,377.72	1/2	2,707.09	1/2	3,036.45
3/4	77.53	3/4	381.98	3/4	737.98	3/4	1,067.12	3/4	1,396.48	3/4	1,725.85	3/4	2,055.21	3/4	2,384.58	3/4	2,713.95	3/4	3,043.31
4	83.21	4	388.65	4	744.83	4	1,073.98	4	1,403.34	4	1,732.71	4	2,062.07	4	2,391.44	4	2,720.81	4	3,050.17
1/4	88.99	1/4	395.40	1/4	751.69	1/4	1,080.84	1/4	1,410.20	1/4	1,739.57	1/4	2,068.93	1/4	2,398.30	1/4	2,727.67	1/4	3,057.03
1/2	94.78	1/2	402.15	1/2	758.54	1/2	1,087.70	1/2	1,417.07	1/2	1,746.43	1/2	2,075.79	1/2	2,405.17	1/2	2,734.53	1/2	3,063.90
3/4	100.54	3/4	408.89	3/4	765.40	3/4	1,094.56	3/4	1,423.93	3/4	1,753.30	3/4	2,082.66	3/4	2,412.03	3/4	2,741.39	3/4	3,070.76
5	106.31	5	415.64	5	772.25	5	1,101.42	5	1,430.79	5	1,760.16	5	2,089.52	5	2,418.89	5	2,748.25	5	3,077.62
1/4	112.18	1/4	423.33	1/4	779.11	1/4	1,108.28	1/4	1,437.65	1/4	1,767.02	1/4	2,096.38	1/4	2,425.75	1/4	2,755.11	1/4	3,084.48
1/2	118.05	1/2	430.02	1/2	785.96	1/2	1,115.15	1/2	1,444.52	1/2	1,773.88	1/2	2,103.24	1/2	2,432.62	1/2	2,761.98	1/2	3,091.35
3/4	123.91	3/4	436.71	3/4	792.82	3/4	1,122.01	3/4	1,451.38	3/4	1,780.74	3/4	2,110.11	3/4	2,439.48	3/4	2,768.84	3/4	3,098.21
6	129.78	6	443.40	6	799.67	6	1,128.87	6	1,458.24	6	1,787.60	6	2,116.97	6	2,446.34	6	2,775.70	6	3,105.07
1/4	135.73	1/4	450.15	1/4	806.53	1/4	1,135.73	1/4	1,465.10	1/4	1,794.46	1/4	2,123.83	1/4	2,453.20	1/4	2,782.56	1/4	3,111.93
1/2	141.69	1/2	456.90	1/2	813.38	1/2	1,142.60	1/2	1,471.96	1/2	1,801.32	1/2	2,130.69	1/2	2,460.06	1/2	2,789.43	1/2	3,118.80
3/4	147.64	3/4	463.65	3/4	820.24	3/4	1,149.46	3/4	1,478.82	3/4	1,808.19	3/4	2,137.56	3/4	2,466.92	3/4	2,796.29	3/4	3,125.66
7	153.59	7	470.45	7	827.09	7	1,156.32	7	1,485.68	7	1,815.05	7	2,144.42	7	2,473.78	7	2,803.15	7	3,132.52
1/4	159.52	1/4	477.20	1/4	833.94	1/4	1,163.18	1/4	1,492.54	1/4	1,821.91	1/4	2,151.28	1/4	2,480.64	1/4	2,810.01	1/4	3,139.38
1/2	165.46	1/2	483.95	1/2	840.80	1/2	1,170.04	1/2	1,499.41	1/2	1,828.77	1/2	2,158.14	1/2	2,487.51	1/2	2,816.88	1/2	3,146.24
3/4	171.39	3/4	490.70	3/4	847.65	3/4	1,176.90	3/4	1,506.27	3/4	1,835.64	3/4	2,165.00	3/4	2,494.37	3/4	2,823.74	3/4	3,153.10
8	177.32	8	497.45	8	854.50	8	1,183.76	8	1,513.13	8	1,842.50	8	2,171.86	8	2,501.23	8	2,830.60	8	3,159.96
1/4	183.25	1/4	504.20	1/4	861.36	1/4	1,190.62	1/4	1,519.99	1/4	1,849.36	1/4	2,178.72	1/4	2,508.09	1/4	2,837.46	1/4	3,166.82
1/2	189.18	1/2	510.95	1/2	868.21	1/2	1,197.49	1/2	1,526.86	1/2	1,856.22	1/2	2,185.58	1/2	2,514.96	1/2	2,844.32	1/2	3,173.69
3/4	195.11	3/4	517.70	3/4	875.07	3/4	1,204.35	3/4	1,533.72	3/4	1,863.08	3/4	2,192.45	3/4	2,521.82	3/4	2,851.18	3/4	3,180.55
9	201.04	9	524.45	9	881.92	9	1,211.21	9	1,540.58	9	1,869.94	9	2,199.31	9	2,528.68	9	2,858.04	9	3,187.41
1/4	206.97	1/4	531.20	1/4	888.78	1/4	1,218.07	1/4	1,547.44	1/4	1,876.80	1/4	2,206.17	1/4	2,535.54	1/4	2,864.90	1/4	3,194.27
1/2	212.90	1/2	537.95	1/2	895.63	1/2	1,224.94	1/2	1,554.30	1/2	1,883.66	1/2	2,213.03	1/2	2,542.40	1/2	2,871.77	1/2	3,201.14
3/4	218.83	3/4	544.70	3/4	902.49	3/4	1,231.80	3/4	1,561.16	3/4	1,890.53	3/4	2,219.90	3/4	2,549.26	3/4	2,878.63	3/4	3,208.00
10	224.76	10	551.45	10	909.34	10	1,238.66	10	1,568.02	10	1,897.39	10	2,226.76	10	2,556.12	10	2,885.49	10	3,214.86
1/4	230.69	1/4	558.20	1/4	916.20	1/4	1,245.52	1/4	1,574.88	1/4	1,904.25	1/4	2,233.62	1/4	2,562.98	1/4	2,892.35	1/4	3,221.72
1/2	236.62	1/2	564.95	1/2	923.05	1/2	1,252.39	1/2	1,581.74	1/2	1,911.11	1/2	2,240.48	1/2	2,569.85	1/2	2,899.22	1/2	3,228.58
3/4	242.55	3/4	571.70	3/4	929.91	3/4	1,259.25	3/4	1,588.61	3/4	1,917.98	3/4	2,247.34	3/4	2,576.71	3/4	2,906.08	3/4	3,235.44
11	248.48	11	578.45	11	936.76	11	1,266.11	11	1,595.47	11	1,924.84	11	2,254.20	11	2,583.57	11	2,912.94	11	3,242.30
1/4	254.41	1/4	585.20	1/4	943.62	1/4	1,272.97	1/4	1,602.33	1/4	1,931.70	1/4	2,261.06	1/4	2,590.43	1/4	2,919.80	1/4	3,249.16
1/2	260.34	1/2	591.95	1/2	950.47	1/2	1,279.83	1/2	1,609.19	1/2	1,938.56	1/2	2,267.93	1/2	2,597.30	1/2	2,926.66	1/2	3,256.03
3/4	266.27	3/4	598.70	3/4	957.33	3/4	1,286.69	3/4	1,616.06	3/4	1,945.43	3/4	2,274.79	3/4	2,604.16	3/4	2,933.52	3/4	3,262.89

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 29650"

## 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3015"

GAUGE HEIGHT 16-01 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	3,269.75	0	3,599.12	0	3,928.48	0	4,256.14	0	4,582.75	0		0		0		0		0	
1/4	3,276.61	1/4	3,605.98	1/4	3,935.34	1/4	4,262.96	1/4	4,589.46	1/4		1/4		1/4		1/4		1/4	
1/2	3,283.48	1/2	3,612.84	1/2	3,942.21	1/2	4,269.78	1/2	4,596.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,290.34	3/4	3,619.70	3/4	3,949.07	3/4	4,276.60	3/4	4,602.87	3/4		3/4		3/4		3/4		3/4	
1	3,297.20	1	3,626.56	1	3,955.93	1	4,283.42	1	4,609.58	1		1		1		1		1	
1/4	3,304.06	1/4	3,633.42	1/4	3,962.79	1/4	4,290.24	1/4	4,616.26	1/4		1/4		1/4		1/4		1/4	
1/2	3,310.93	1/2	3,640.29	1/2	3,969.66	1/2	4,297.06	1/2	4,622.94	1/2		1/2		1/2		1/2		1/2	
3/4	3,317.79	3/4	3,647.15	3/4	3,976.52	3/4	4,303.88	3/4	4,629.62	3/4		3/4		3/4		3/4		3/4	
2	3,324.65	2	3,654.01	2	3,983.38	2	4,310.70	2	4,636.30	2		2		2		2		2	
1/4	3,331.51	1/4	3,660.87	1/4	3,990.20	1/4	4,317.52	1/4	4,642.96	1/4		1/4		1/4		1/4		1/4	
1/2	3,338.37	1/2	3,667.74	1/2	3,997.02	1/2	4,324.34	1/2	4,649.61	1/2		1/2		1/2		1/2		1/2	
3/4	3,345.23	3/4	3,674.60	3/4	4,003.83	3/4	4,331.15	3/4	4,656.27	3/4		3/4		3/4		3/4		3/4	
3	3,352.09	3	3,681.46	3	4,010.65	3	4,337.97	3	4,662.92	3		3		3		3		3	
1/4	3,358.95	1/4	3,688.32	1/4	4,017.47	1/4	4,344.79	1/4	4,669.55	1/4		1/4		1/4		1/4		1/4	
1/2	3,365.82	1/2	3,695.19	1/2	4,024.29	1/2	4,351.60	1/2	4,676.18	1/2		1/2		1/2		1/2		1/2	
3/4	3,372.68	3/4	3,702.05	3/4	4,031.11	3/4	4,358.42	3/4	4,682.81	3/4		3/4		3/4		3/4		3/4	
4	3,379.54	4	3,708.91	4	4,037.93	4	4,365.23	4	4,689.44	4		4		4		4		4	
1/4	3,386.40	1/4	3,715.77	1/4	4,044.75	1/4	4,372.05	1/4	4,695.76	1/4		1/4		1/4		1/4		1/4	
1/2	3,393.27	1/2	3,722.63	1/2	4,051.57	1/2	4,378.86	1/2	4,702.07	1/2		1/2		1/2		1/2		1/2	
3/4	3,400.13	3/4	3,729.49	3/4	4,058.39	3/4	4,385.68	3/4	4,708.39	3/4		3/4		3/4		3/4		3/4	
5	3,406.99	5	3,736.35	5	4,065.21	5	4,392.49	5	4,714.70	5		5		5		5		5	
1/4	3,413.85	1/4	3,743.21	1/4	4,072.03	1/4	4,399.31	1/4	4,719.93	1/4		1/4		1/4		1/4		1/4	
1/2	3,420.71	1/2	3,750.08	1/2	4,078.85	1/2	4,406.12	1/2	4,725.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,427.57	3/4	3,756.94	3/4	4,085.66	3/4	4,412.94	3/4	4,730.40	3/4		3/4		3/4		3/4		3/4	
6	3,434.43	6	3,763.80	6	4,092.48	6	4,419.75	6	4,735.63	6		6		6		6		6	
1/4	3,441.29	1/4	3,770.66	1/4	4,099.30	1/4	4,426.57	1/4	4,739.74	1/4		1/4		1/4		1/4		1/4	
1/2	3,448.16	1/2	3,777.53	1/2	4,106.12	1/2	4,433.38	1/2	4,743.86	1/2		1/2		1/2		1/2		1/2	
3/4	3,455.02	3/4	3,784.39	3/4	4,112.94	3/4	4,440.20	3/4	4,747.97	3/4		3/4		3/4		3/4		3/4	
7	3,461.88	7	3,791.25	7	4,119.76	7	4,447.01	7	4,752.08	7		7		7		7		7	
1/4	3,468.74	1/4	3,798.11	1/4	4,126.58	1/4	4,453.83	1/4	4,755.08	1/4		1/4		1/4		1/4		1/4	
1/2	3,475.61	1/2	3,804.98	1/2	4,133.40	1/2	4,460.64	1/2	4,758.07	1/2		1/2		1/2		1/2		1/2	
3/4	3,482.47	3/4	3,811.84	3/4	4,140.22	3/4	4,467.46	3/4	4,761.07	3/4		3/4		3/4		3/4		3/4	
8	3,489.33	8	3,818.70	8	4,147.04	8	4,474.27	8	4,764.06	8		8		8		8		8	
1/4	3,496.19	1/4	3,825.56	1/4	4,153.86	1/4	4,481.09	1/4	4,765.94	1/4		1/4		1/4		1/4		1/4	
1/2	3,503.06	1/2	3,832.42	1/2	4,160.68	1/2	4,487.90	1/2	4,767.81	1/2		1/2		1/2		1/2		1/2	
3/4	3,509.92	3/4	3,839.28	3/4	4,167.49	3/4	4,494.72	3/4	4,769.69	3/4		3/4		3/4		3/4		3/4	
9	3,516.78	9	3,846.14	9	4,174.31	9	4,501.53	9	4,771.56	9		9		9		9		9	
1/4	3,523.64	1/4	3,853.00	1/4	4,181.13	1/4	4,508.35	1/4	4,772.32	1/4		1/4		1/4		1/4		1/4	
1/2	3,530.50	1/2	3,859.87	1/2	4,187.95	1/2	4,515.16	1/2	4,773.08	1/2		1/2		1/2		1/2		1/2	
3/4	3,537.36	3/4	3,866.73	3/4	4,194.77	3/4	4,521.98	3/4	4,773.83	3/4		3/4		3/4		3/4		3/4	
10	3,544.22	10	3,873.59	10	4,201.59	10	4,528.79	10	4,774.59	10		10		10		10		10	
1/4	3,551.08	1/4	3,880.45	1/4	4,208.41	1/4	4,535.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,557.95	1/2	3,887.32	1/2	4,215.23	1/2	4,542.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,564.81	3/4	3,894.18	3/4	4,222.05	3/4	4,549.06	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,571.67	11	3,901.04	11	4,228.87	11	4,555.82	11		11		11		11		11		11	
1/4	3,578.53	1/4	3,907.90	1/4	4,235.69	1/4	4,562.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,585.40	1/2	3,914.76	1/2	4,242.51	1/2	4,569.29	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,592.26	3/4	3,921.62	3/4	4,249.32	3/4	4,576.02	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 29650"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3015"

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	14.81	0	349.22	0	700.08	0	1,050.76	0	1,401.63	0	1,752.50	0	2,103.38	0	2,454.25	0	2,805.13	0	3,155.93
1/4	19.28	1/4	356.53	1/4	707.39	1/4	1,058.07	1/4	1,408.94	1/4	1,759.81	1/4	2,110.69	1/4	2,461.56	1/4	2,812.44	1/4	3,163.24
1/2	23.74	1/2	363.84	1/2	714.70	1/2	1,065.38	1/2	1,416.25	1/2	1,767.12	1/2	2,118.00	1/2	2,468.87	1/2	2,819.75	1/2	3,170.54
3/4	28.21	3/4	371.15	3/4	722.01	3/4	1,072.69	3/4	1,423.56	3/4	1,774.43	3/4	2,125.31	3/4	2,476.18	3/4	2,827.06	3/4	3,177.85
1	32.67	1	378.46	1	729.32	1	1,080.00	1	1,430.87	1	1,781.74	1	2,132.62	1	2,483.49	1	2,834.37	1	3,185.16
1/4	38.93	1/4	385.77	1/4	736.63	1/4	1,087.31	1/4	1,438.18	1/4	1,789.05	1/4	2,139.93	1/4	2,490.80	1/4	2,841.68	1/4	3,192.47
1/2	45.18	1/2	393.08	1/2	743.93	1/2	1,094.62	1/2	1,445.49	1/2	1,796.36	1/2	2,147.24	1/2	2,498.11	1/2	2,848.99	1/2	3,199.78
3/4	51.44	3/4	400.39	3/4	751.24	3/4	1,101.92	3/4	1,452.80	3/4	1,803.67	3/4	2,154.55	3/4	2,505.42	3/4	2,856.30	3/4	3,207.09
2	57.69	2	407.70	2	758.55	2	1,109.23	2	1,460.11	2	1,810.98	2	2,161.86	2	2,512.73	2	2,863.61	2	3,214.40
1/4	64.90	1/4	415.01	1/4	765.86	1/4	1,116.54	1/4	1,467.42	1/4	1,818.29	1/4	2,169.17	1/4	2,520.04	1/4	2,870.92	1/4	3,221.71
1/2	72.10	1/2	422.32	1/2	773.16	1/2	1,123.85	1/2	1,474.73	1/2	1,825.60	1/2	2,176.48	1/2	2,527.35	1/2	2,878.23	1/2	3,229.01
3/4	79.31	3/4	429.63	3/4	780.47	3/4	1,131.16	3/4	1,482.04	3/4	1,832.91	3/4	2,183.79	3/4	2,534.66	3/4	2,885.54	3/4	3,236.32
3	86.51	3	436.94	3	787.78	3	1,138.47	3	1,489.35	3	1,840.22	3	2,191.10	3	2,541.97	3	2,892.85	3	3,243.63
1/4	93.76	1/4	444.25	1/4	795.08	1/4	1,145.78	1/4	1,496.66	1/4	1,847.53	1/4	2,198.41	1/4	2,549.28	1/4	2,900.16	1/4	3,250.94
1/2	101.02	1/2	451.56	1/2	802.39	1/2	1,153.09	1/2	1,503.97	1/2	1,854.84	1/2	2,205.72	1/2	2,556.59	1/2	2,907.47	1/2	3,258.24
3/4	108.27	3/4	458.86	3/4	809.69	3/4	1,160.40	3/4	1,511.28	3/4	1,862.15	3/4	2,213.03	3/4	2,563.90	3/4	2,914.78	3/4	3,265.55
4	115.52	4	466.17	4	817.00	4	1,167.71	4	1,518.59	4	1,869.46	4	2,220.34	4	2,571.21	4	2,922.09	4	3,272.86
1/4	122.80	1/4	473.48	1/4	824.30	1/4	1,175.02	1/4	1,525.90	1/4	1,876.77	1/4	2,227.65	1/4	2,578.52	1/4	2,929.40	1/4	3,280.17
1/2	130.08	1/2	480.79	1/2	831.61	1/2	1,182.33	1/2	1,533.21	1/2	1,884.08	1/2	2,234.96	1/2	2,585.83	1/2	2,936.70	1/2	3,287.47
3/4	137.36	3/4	488.10	3/4	838.91	3/4	1,189.64	3/4	1,540.52	3/4	1,891.39	3/4	2,242.27	3/4	2,593.14	3/4	2,944.01	3/4	3,294.78
5	144.64	5	495.41	5	846.22	5	1,196.95	5	1,547.83	5	1,898.70	5	2,249.58	5	2,600.45	5	2,951.32	5	3,302.09
1/4	151.94	1/4	502.72	1/4	853.52	1/4	1,204.26	1/4	1,555.14	1/4	1,906.01	1/4	2,256.89	1/4	2,607.76	1/4	2,958.63	1/4	3,309.40
1/2	159.23	1/2	510.03	1/2	860.83	1/2	1,211.57	1/2	1,562.45	1/2	1,913.32	1/2	2,264.20	1/2	2,615.07	1/2	2,965.93	1/2	3,316.70
3/4	166.53	3/4	517.34	3/4	868.13	3/4	1,218.88	3/4	1,569.76	3/4	1,920.63	3/4	2,271.51	3/4	2,622.38	3/4	2,973.24	3/4	3,324.01
6	173.82	6	524.65	6	875.44	6	1,226.19	6	1,577.07	6	1,927.94	6	2,278.82	6	2,629.69	6	2,980.55	6	3,331.32
1/4	181.12	1/4	531.96	1/4	882.74	1/4	1,233.50	1/4	1,584.38	1/4	1,935.25	1/4	2,286.13	1/4	2,637.00	1/4	2,987.86	1/4	3,338.63
1/2	188.43	1/2	539.27	1/2	890.05	1/2	1,240.81	1/2	1,591.69	1/2	1,942.56	1/2	2,293.44	1/2	2,644.31	1/2	2,995.16	1/2	3,345.93
3/4	195.73	3/4	546.58	3/4	897.35	3/4	1,248.12	3/4	1,599.00	3/4	1,949.87	3/4	2,300.75	3/4	2,651.62	3/4	3,002.47	3/4	3,353.24
7	203.03	7	553.89	7	904.66	7	1,255.43	7	1,606.31	7	1,957.18	7	2,308.06	7	2,658.93	7	3,009.78	7	3,360.55
1/4	210.34	1/4	561.20	1/4	911.96	1/4	1,262.74	1/4	1,613.62	1/4	1,964.49	1/4	2,315.37	1/4	2,666.24	1/4	3,017.09	1/4	3,367.86
1/2	217.65	1/2	568.51	1/2	919.27	1/2	1,270.05	1/2	1,620.93	1/2	1,971.80	1/2	2,322.68	1/2	2,673.55	1/2	3,024.39	1/2	3,375.16
3/4	224.96	3/4	575.82	3/4	926.57	3/4	1,277.36	3/4	1,628.24	3/4	1,979.11	3/4	2,329.99	3/4	2,680.86	3/4	3,031.70	3/4	3,382.47
8	232.27	8	583.13	8	933.88	8	1,284.67	8	1,635.55	8	1,986.42	8	2,337.30	8	2,688.17	8	3,039.01	8	3,389.78
1/4	239.58	1/4	590.44	1/4	941.18	1/4	1,291.98	1/4	1,642.86	1/4	1,993.73	1/4	2,344.61	1/4	2,695.48	1/4	3,046.32	1/4	3,397.09
1/2	246.89	1/2	597.75	1/2	948.49	1/2	1,299.29	1/2	1,650.16	1/2	2,001.04	1/2	2,351.92	1/2	2,702.79	1/2	3,053.62	1/2	3,404.39
3/4	254.20	3/4	605.06	3/4	955.79	3/4	1,306.60	3/4	1,657.47	3/4	2,008.35	3/4	2,359.23	3/4	2,710.10	3/4	3,060.93	3/4	3,411.70
9	261.51	9	612.37	9	963.10	9	1,313.91	9	1,664.78	9	2,015.66	9	2,366.54	9	2,717.41	9	3,068.24	9	3,419.01
1/4	268.82	1/4	619.68	1/4	970.40	1/4	1,321.22	1/4	1,672.09	1/4	2,022.97	1/4	2,373.85	1/4	2,724.72	1/4	3,075.55	1/4	3,426.32
1/2	276.13	1/2	626.98	1/2	977.71	1/2	1,328.53	1/2	1,679.40	1/2	2,030.28	1/2	2,381.15	1/2	2,732.03	1/2	3,082.85	1/2	3,433.62
3/4	283.43	3/4	634.29	3/4	985.01	3/4	1,335.84	3/4	1,686.71	3/4	2,037.59	3/4	2,388.46	3/4	2,739.34	3/4	3,090.16	3/4	3,440.93
10	290.74	10	641.60	10	992.32	10	1,343.15	10	1,694.02	10	2,044.90	10	2,395.77	10	2,746.65	10	3,097.47	10	3,448.24
1/4	298.05	1/4	648.91	1/4	999.62	1/4	1,350.46	1/4	1,701.33	1/4	2,052.21	1/4	2,403.08	1/4	2,753.96	1/4	3,104.78	1/4	3,455.55
1/2	305.36	1/2	656.22	1/2	1,006.93	1/2	1,357.77	1/2	1,708.64	1/2	2,059.52	1/2	2,410.39	1/2	2,761.27	1/2	3,112.08	1/2	3,462.85
3/4	312.67	3/4	663.53	3/4	1,014.24	3/4	1,365.08	3/4	1,715.95	3/4	2,066.83	3/4	2,417.70	3/4	2,768.58	3/4	3,119.39	3/4	3,470.16
11	319.98	11	670.84	11	1,021.54	11	1,372.39	11	1,723.26	11	2,074.14	11	2,425.01	11	2,775.89	11	3,126.70	11	3,477.47
1/4	327.29	1/4	678.15	1/4	1,028.85	1/4	1,379.70	1/4	1,730.57	1/4	2,081.45	1/4	2,432.32	1/4	2,783.20	1/4	3,134.01	1/4	3,484.78
1/2	334.60	1/2	685.46	1/2	1,036.15	1/2	1,387.01	1/2	1,737.88	1/2	2,088.76	1/2	2,439.63	1/2	2,790.51	1/2	3,141.31	1/2	3,492.08
3/4	341.91	3/4	692.77	3/4	1,043.46	3/4	1,394.32	3/4	1,745.19	3/4	2,096.07	3/4	2,446.94	3/4	2,797.82	3/4	3,148.62	3/4	3,499.39

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 29650"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3015"

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	3,506.70	0	3,857.47	0	4,208.24	0	4,557.69	0	4,906.65	0		0		0		0		0	
1/4	3,514.01	1/4	3,864.78	1/4	4,215.55	1/4	4,564.96	1/4	4,913.87	1/4		1/4		1/4		1/4		1/4	
1/2	3,521.31	1/2	3,872.08	1/2	4,222.85	1/2	4,572.23	1/2	4,921.10	1/2		1/2		1/2		1/2		1/2	
3/4	3,528.62	3/4	3,879.39	3/4	4,230.16	3/4	4,579.51	3/4	4,928.32	3/4		3/4		3/4		3/4		3/4	
1	3,535.93	1	3,886.70	1	4,237.47	1	4,586.78	1	4,935.55	1		1		1		1		1	
1/4	3,543.24	1/4	3,894.01	1/4	4,244.78	1/4	4,594.05	1/4	4,942.71	1/4		1/4		1/4		1/4		1/4	
1/2	3,550.55	1/2	3,901.31	1/2	4,252.08	1/2	4,601.32	1/2	4,949.86	1/2		1/2		1/2		1/2		1/2	
3/4	3,557.86	3/4	3,908.62	3/4	4,259.39	3/4	4,608.59	3/4	4,957.02	3/4		3/4		3/4		3/4		3/4	
2	3,565.17	2	3,915.93	2	4,266.70	2	4,615.86	2	4,964.18	2		2		2		2		2	
1/4	3,572.48	1/4	3,923.24	1/4	4,274.01	1/4	4,623.13	1/4	4,971.30	1/4		1/4		1/4		1/4		1/4	
1/2	3,579.78	1/2	3,930.55	1/2	4,281.32	1/2	4,630.40	1/2	4,978.41	1/2		1/2		1/2		1/2		1/2	
3/4	3,587.09	3/4	3,937.86	3/4	4,288.63	3/4	4,637.67	3/4	4,985.53	3/4		3/4		3/4		3/4		3/4	
3	3,594.40	3	3,945.17	3	4,295.94	3	4,644.94	3	4,992.65	3		3		3		3		3	
1/4	3,601.71	1/4	3,952.48	1/4	4,303.21	1/4	4,652.21	1/4	4,999.74	1/4		1/4		1/4		1/4		1/4	
1/2	3,609.01	1/2	3,959.78	1/2	4,310.48	1/2	4,659.48	1/2	5,006.83	1/2		1/2		1/2		1/2		1/2	
3/4	3,616.32	3/4	3,967.09	3/4	4,317.75	3/4	4,666.76	3/4	5,013.92	3/4		3/4		3/4		3/4		3/4	
4	3,623.63	4	3,974.40	4	4,325.02	4	4,674.03	4	5,021.01	4		4		4		4		4	
1/4	3,630.94	1/4	3,981.71	1/4	4,332.29	1/4	4,681.30	1/4	5,028.07	1/4		1/4		1/4		1/4		1/4	
1/2	3,638.24	1/2	3,989.01	1/2	4,339.56	1/2	4,688.57	1/2	5,035.13	1/2		1/2		1/2		1/2		1/2	
3/4	3,645.55	3/4	3,996.32	3/4	4,346.83	3/4	4,695.84	3/4	5,042.20	3/4		3/4		3/4		3/4		3/4	
5	3,652.86	5	4,003.63	5	4,354.10	5	4,703.11	5	5,049.26	5		5		5		5		5	
1/4	3,660.17	1/4	4,010.94	1/4	4,361.37	1/4	4,710.38	1/4	5,055.98	1/4		1/4		1/4		1/4		1/4	
1/2	3,667.47	1/2	4,018.24	1/2	4,368.64	1/2	4,717.65	1/2	5,062.70	1/2		1/2		1/2		1/2		1/2	
3/4	3,674.78	3/4	4,025.55	3/4	4,375.92	3/4	4,724.93	3/4	5,069.43	3/4		3/4		3/4		3/4		3/4	
6	3,682.09	6	4,032.86	6	4,383.19	6	4,732.20	6	5,076.15	6		6		6		6		6	
1/4	3,689.40	1/4	4,040.17	1/4	4,390.46	1/4	4,739.47	1/4	5,081.71	1/4		1/4		1/4		1/4		1/4	
1/2	3,696.70	1/2	4,047.47	1/2	4,397.73	1/2	4,746.74	1/2	5,087.28	1/2		1/2		1/2		1/2		1/2	
3/4	3,704.01	3/4	4,054.78	3/4	4,405.00	3/4	4,754.01	3/4	5,092.84	3/4		3/4		3/4		3/4		3/4	
7	3,711.32	7	4,062.09	7	4,412.27	7	4,761.28	7	5,098.41	7		7		7		7		7	
1/4	3,718.63	1/4	4,069.40	1/4	4,419.54	1/4	4,768.55	1/4	5,102.79	1/4		1/4		1/4		1/4		1/4	
1/2	3,725.93	1/2	4,076.70	1/2	4,426.81	1/2	4,775.82	1/2	5,107.16	1/2		1/2		1/2		1/2		1/2	
3/4	3,733.24	3/4	4,084.01	3/4	4,434.09	3/4	4,783.09	3/4	5,111.54	3/4		3/4		3/4		3/4		3/4	
8	3,740.55	8	4,091.32	8	4,441.36	8	4,790.36	8	5,115.92	8		8		8		8		8	
1/4	3,747.86	1/4	4,098.63	1/4	4,448.63	1/4	4,797.63	1/4	5,119.10	1/4		1/4		1/4		1/4		1/4	
1/2	3,755.16	1/2	4,105.93	1/2	4,455.90	1/2	4,804.91	1/2	5,122.29	1/2		1/2		1/2		1/2		1/2	
3/4	3,762.47	3/4	4,113.24	3/4	4,463.17	3/4	4,812.18	3/4	5,125.47	3/4		3/4		3/4		3/4		3/4	
9	3,769.78	9	4,120.55	9	4,470.44	9	4,819.46	9	5,128.66	9		9		9		9		9	
1/4	3,777.09	1/4	4,127.86	1/4	4,477.71	1/4	4,826.73	1/4	5,130.65	1/4		1/4		1/4		1/4		1/4	
1/2	3,784.39	1/2	4,135.16	1/2	4,484.98	1/2	4,834.00	1/2	5,132.64	1/2		1/2		1/2		1/2		1/2	
3/4	3,791.70	3/4	4,142.47	3/4	4,492.25	3/4	4,841.28	3/4	5,134.64	3/4		3/4		3/4		3/4		3/4	
10	3,799.01	10	4,149.78	10	4,499.52	10	4,848.55	10	5,136.63	10		10		10		10		10	
1/4	3,806.32	1/4	4,157.09	1/4	4,506.79	1/4	4,855.82	1/4	5,137.43	1/4		1/4		1/4		1/4		1/4	
1/2	3,813.62	1/2	4,164.39	1/2	4,514.06	1/2	4,863.09	1/2	5,138.23	1/2		1/2		1/2		1/2		1/2	
3/4	3,820.93	3/4	4,171.70	3/4	4,521.34	3/4	4,870.37	3/4	5,139.04	3/4		3/4		3/4		3/4		3/4	
11	3,828.24	11	4,179.01	11	4,528.61	11	4,877.64	11	5,139.84	11		11		11		11		11	
1/4	3,835.55	1/4	4,186.32	1/4	4,535.88	1/4	4,884.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,842.85	1/2	4,193.62	1/2	4,543.15	1/2	4,892.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,850.16	3/4	4,200.93	3/4	4,550.42	3/4	4,899.40	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 29650"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3015"

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	18.61	0	349.25	0	700.13	0	1,049.61	0	1,400.28	0	1,751.18	0	2,102.07	0	2,452.97	0	2,803.86	0	3,154.68
1/4	23.52	1/4	356.56	1/4	707.44	1/4	1,056.89	1/4	1,407.59	1/4	1,758.49	1/4	2,109.38	1/4	2,460.28	1/4	2,811.17	1/4	3,161.99
1/2	28.44	1/2	363.87	1/2	714.75	1/2	1,064.17	1/2	1,414.90	1/2	1,765.80	1/2	2,116.69	1/2	2,467.59	1/2	2,818.48	1/2	3,169.30
3/4	33.35	3/4	371.18	3/4	722.07	3/4	1,071.44	3/4	1,422.21	3/4	1,773.11	3/4	2,124.00	3/4	2,474.90	3/4	2,825.79	3/4	3,176.61
1	38.26	1	378.49	1	729.38	1	1,078.72	1	1,429.52	1	1,780.42	1	2,131.31	1	2,482.21	1	2,832.10	1	3,183.92
1/4	44.91	1/4	385.80	1/4	736.66	1/4	1,086.01	1/4	1,436.83	1/4	1,787.73	1/4	2,138.62	1/4	2,489.52	1/4	2,840.41	1/4	3,191.23
1/2	51.56	1/2	393.11	1/2	743.93	1/2	1,093.30	1/2	1,444.14	1/2	1,795.04	1/2	2,145.93	1/2	2,496.83	1/2	2,847.72	1/2	3,198.53
3/4	58.21	3/4	400.42	3/4	751.21	3/4	1,100.58	3/4	1,451.45	3/4	1,802.35	3/4	2,153.24	3/4	2,504.14	3/4	2,855.03	3/4	3,205.84
2	64.86	2	407.73	2	758.49	2	1,107.87	2	1,458.76	2	1,809.66	2	2,160.55	2	2,511.45	2	2,862.34	2	3,213.15
1/4	72.09	1/4	415.04	1/4	765.77	1/4	1,115.18	1/4	1,466.07	1/4	1,816.97	1/4	2,167.86	1/4	2,518.76	1/4	2,869.65	1/4	3,220.46
1/2	79.31	1/2	422.35	1/2	773.04	1/2	1,122.49	1/2	1,473.39	1/2	1,824.28	1/2	2,175.17	1/2	2,526.07	1/2	2,876.96	1/2	3,227.76
3/4	86.54	3/4	429.66	3/4	780.32	3/4	1,129.80	3/4	1,480.70	3/4	1,831.59	3/4	2,182.48	3/4	2,533.38	3/4	2,884.27	3/4	3,235.07
3	93.76	3	436.97	3	787.60	3	1,137.11	3	1,488.01	3	1,838.90	3	2,189.79	3	2,540.69	3	2,891.58	3	3,242.38
1/4	101.02	1/4	444.28	1/4	794.88	1/4	1,144.42	1/4	1,495.32	1/4	1,846.21	1/4	2,197.10	1/4	2,548.00	1/4	2,898.89	1/4	3,249.69
1/2	108.29	1/2	451.59	1/2	802.15	1/2	1,151.73	1/2	1,502.63	1/2	1,853.52	1/2	2,204.41	1/2	2,555.31	1/2	2,906.20	1/2	3,256.99
3/4	115.55	3/4	458.90	3/4	809.43	3/4	1,159.04	3/4	1,509.94	3/4	1,860.83	3/4	2,211.73	3/4	2,562.62	3/4	2,913.51	3/4	3,264.30
4	122.81	4	466.21	4	816.71	4	1,166.35	4	1,517.25	4	1,868.14	4	2,219.04	4	2,569.93	4	2,920.82	4	3,271.61
1/4	130.09	1/4	473.52	1/4	823.99	1/4	1,173.66	1/4	1,524.56	1/4	1,875.45	1/4	2,226.35	1/4	2,577.24	1/4	2,928.13	1/4	3,278.92
1/2	137.38	1/2	480.83	1/2	831.26	1/2	1,180.97	1/2	1,531.87	1/2	1,882.76	1/2	2,233.66	1/2	2,584.55	1/2	2,935.44	1/2	3,286.23
3/4	144.66	3/4	488.14	3/4	838.54	3/4	1,188.28	3/4	1,539.18	3/4	1,890.07	3/4	2,240.97	3/4	2,591.86	3/4	2,942.75	3/4	3,293.54
5	151.94	5	495.45	5	845.82	5	1,195.59	5	1,546.49	5	1,897.38	5	2,248.28	5	2,599.17	5	2,950.06	5	3,300.85
1/4	159.24	1/4	502.76	1/4	853.10	1/4	1,202.90	1/4	1,553.80	1/4	1,904.69	1/4	2,255.59	1/4	2,606.48	1/4	2,957.37	1/4	3,308.16
1/2	166.54	1/2	510.07	1/2	860.38	1/2	1,210.22	1/2	1,561.11	1/2	1,912.00	1/2	2,262.90	1/2	2,613.79	1/2	2,964.67	1/2	3,315.46
3/4	173.83	3/4	517.38	3/4	867.66	3/4	1,217.53	3/4	1,568.42	3/4	1,919.31	3/4	2,270.21	3/4	2,621.10	3/4	2,971.98	3/4	3,322.77
6	181.13	6	524.69	6	874.94	6	1,224.84	6	1,575.73	6	1,926.62	6	2,277.52	6	2,628.41	6	2,979.29	6	3,330.08
1/4	188.44	1/4	532.00	1/4	882.22	1/4	1,232.15	1/4	1,583.04	1/4	1,933.93	1/4	2,284.83	1/4	2,635.72	1/4	2,986.60	1/4	3,337.39
1/2	195.75	1/2	539.31	1/2	889.49	1/2	1,239.46	1/2	1,590.35	1/2	1,941.24	1/2	2,292.14	1/2	2,643.03	1/2	2,993.90	1/2	3,344.69
3/4	203.05	3/4	546.62	3/4	896.77	3/4	1,246.77	3/4	1,597.66	3/4	1,948.56	3/4	2,299.45	3/4	2,650.34	3/4	3,001.21	3/4	3,352.00
7	210.36	7	553.93	7	904.05	7	1,254.08	7	1,604.97	7	1,955.87	7	2,306.76	7	2,657.65	7	3,008.52	7	3,359.31
1/4	217.67	1/4	561.24	1/4	911.33	1/4	1,261.39	1/4	1,612.28	1/4	1,963.18	1/4	2,314.07	1/4	2,664.96	1/4	3,015.83	1/4	3,366.62
1/2	224.98	1/2	568.55	1/2	918.60	1/2	1,268.70	1/2	1,619.59	1/2	1,970.49	1/2	2,321.38	1/2	2,672.27	1/2	3,023.13	1/2	3,373.92
3/4	232.29	3/4	575.86	3/4	925.88	3/4	1,276.01	3/4	1,626.90	3/4	1,977.80	3/4	2,328.69	3/4	2,679.59	3/4	3,030.44	3/4	3,381.23
8	239.60	8	583.17	8	933.16	8	1,283.32	8	1,634.21	8	1,985.11	8	2,336.00	8	2,686.90	8	3,037.75	8	3,388.54
1/4	246.91	1/4	590.48	1/4	940.44	1/4	1,290.63	1/4	1,641.52	1/4	1,992.42	1/4	2,343.31	1/4	2,694.21	1/4	3,045.06	1/4	3,395.85
1/2	254.22	1/2	597.79	1/2	947.72	1/2	1,297.94	1/2	1,648.83	1/2	1,999.73	1/2	2,350.62	1/2	2,701.52	1/2	3,052.37	1/2	3,403.16
3/4	261.53	3/4	605.10	3/4	954.99	3/4	1,305.25	3/4	1,656.14	3/4	2,007.04	3/4	2,357.93	3/4	2,708.83	3/4	3,059.68	3/4	3,410.47
9	268.84	9	612.41	9	962.27	9	1,312.56	9	1,663.45	9	2,014.35	9	2,365.24	9	2,716.14	9	3,066.99	9	3,417.78
1/4	276.15	1/4	619.72	1/4	969.55	1/4	1,319.87	1/4	1,670.76	1/4	2,021.66	1/4	2,372.55	1/4	2,723.45	1/4	3,074.30	1/4	3,425.09
1/2	283.46	1/2	627.03	1/2	976.83	1/2	1,327.18	1/2	1,678.07	1/2	2,028.97	1/2	2,379.86	1/2	2,730.76	1/2	3,081.60	1/2	3,432.39
3/4	290.77	3/4	634.34	3/4	984.10	3/4	1,334.49	3/4	1,685.38	3/4	2,036.28	3/4	2,387.17	3/4	2,738.07	3/4	3,088.91	3/4	3,439.70
10	298.08	10	641.65	10	991.38	10	1,341.80	10	1,692.69	10	2,043.59	10	2,394.48	10	2,745.38	10	3,096.22	10	3,447.01
1/4	305.39	1/4	648.96	1/4	998.66	1/4	1,349.11	1/4	1,700.00	1/4	2,050.90	1/4	2,401.79	1/4	2,752.69	1/4	3,103.53	1/4	3,454.32
1/2	312.70	1/2	656.27	1/2	1,005.94	1/2	1,356.42	1/2	1,707.31	1/2	2,058.21	1/2	2,409.10	1/2	2,760.00	1/2	3,110.83	1/2	3,461.62
3/4	320.01	3/4	663.58	3/4	1,013.22	3/4	1,363.73	3/4	1,714.63	3/4	2,065.52	3/4	2,416.41	3/4	2,767.31	3/4	3,118.14	3/4	3,468.93
11	327.32	11	670.89	11	1,020.50	11	1,371.04	11	1,721.94	11	2,072.83	11	2,423.72	11	2,774.62	11	3,125.45	11	3,476.24
1/4	332.80	1/4	678.20	1/4	1,027.78	1/4	1,378.35	1/4	1,729.25	1/4	2,080.14	1/4	2,431.03	1/4	2,781.93	1/4	3,132.76	1/4	3,483.55
1/2	338.29	1/2	685.51	1/2	1,035.06	1/2	1,385.66	1/2	1,736.56	1/2	2,087.45	1/2	2,438.34	1/2	2,789.24	1/2	3,140.06	1/2	3,490.85
3/4	343.77	3/4	692.82	3/4	1,042.33	3/4	1,392.97	3/4	1,743.87	3/4	2,094.76	3/4	2,445.66	3/4	2,796.55	3/4	3,147.37	3/4	3,498.16

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 29650"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3015"

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	3,505.47	0	3,856.26	0	4,207.05	0	4,556.51	0	4,905.49	0		0		0		0		0	
1/4	3,512.78	1/4	3,863.57	1/4	4,214.36	1/4	4,563.78	1/4	4,912.71	1/4		1/4		1/4		1/4		1/4	
1/2	3,520.09	1/2	3,870.87	1/2	4,221.66	1/2	4,571.05	1/2	4,919.94	1/2		1/2		1/2		1/2		1/2	
3/4	3,527.40	3/4	3,878.18	3/4	4,228.97	3/4	4,578.33	3/4	4,927.16	3/4		3/4		3/4		3/4		3/4	
1	3,534.71	1	3,885.49	1	4,236.28	1	4,585.60	1	4,934.39	1		1		1		1		1	
1/4	3,542.02	1/4	3,892.80	1/4	4,243.59	1/4	4,592.87	1/4	4,941.55	1/4		1/4		1/4		1/4		1/4	
1/2	3,549.32	1/2	3,900.11	1/2	4,250.90	1/2	4,600.14	1/2	4,948.70	1/2		1/2		1/2		1/2		1/2	
3/4	3,556.63	3/4	3,907.42	3/4	4,258.21	3/4	4,607.41	3/4	4,955.86	3/4		3/4		3/4		3/4		3/4	
2	3,563.94	2	3,914.73	2	4,265.52	2	4,614.68	2	4,963.02	2		2		2		2		2	
1/4	3,571.25	1/4	3,922.04	1/4	4,272.83	1/4	4,621.95	1/4	4,970.14	1/4		1/4		1/4		1/4		1/4	
1/2	3,578.55	1/2	3,929.34	1/2	4,280.13	1/2	4,629.22	1/2	4,977.25	1/2		1/2		1/2		1/2		1/2	
3/4	3,585.86	3/4	3,936.65	3/4	4,287.44	3/4	4,636.50	3/4	4,984.37	3/4		3/4		3/4		3/4		3/4	
3	3,593.17	3	3,943.96	3	4,294.75	3	4,643.77	3	4,991.49	3		3		3		3		3	
1/4	3,600.48	1/4	3,951.27	1/4	4,302.02	1/4	4,651.04	1/4	4,998.58	1/4		1/4		1/4		1/4		1/4	
1/2	3,607.78	1/2	3,958.57	1/2	4,309.29	1/2	4,658.31	1/2	5,005.67	1/2		1/2		1/2		1/2		1/2	
3/4	3,615.09	3/4	3,965.88	3/4	4,316.56	3/4	4,665.59	3/4	5,012.77	3/4		3/4		3/4		3/4		3/4	
4	3,622.40	4	3,973.19	4	4,323.83	4	4,672.86	4	5,019.86	4		4		4		4		4	
1/4	3,629.71	1/4	3,980.50	1/4	4,331.10	1/4	4,680.13	1/4	5,026.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,637.01	1/2	3,987.80	1/2	4,338.37	1/2	4,687.40	1/2	5,033.98	1/2		1/2		1/2		1/2		1/2	
3/4	3,644.32	3/4	3,995.11	3/4	4,345.65	3/4	4,694.67	3/4	5,041.05	3/4		3/4		3/4		3/4		3/4	
5	3,651.63	5	4,002.42	5	4,352.92	5	4,701.94	5	5,048.11	5		5		5		5		5	
1/4	3,658.94	1/4	4,009.73	1/4	4,360.19	1/4	4,709.21	1/4	5,054.83	1/4		1/4		1/4		1/4		1/4	
1/2	3,666.25	1/2	4,017.04	1/2	4,367.46	1/2	4,716.48	1/2	5,061.55	1/2		1/2		1/2		1/2		1/2	
3/4	3,673.56	3/4	4,024.35	3/4	4,374.73	3/4	4,723.76	3/4	5,068.27	3/4		3/4		3/4		3/4		3/4	
6	3,680.87	6	4,031.66	6	4,382.00	6	4,731.03	6	5,074.99	6		6		6		6		6	
1/4	3,688.18	1/4	4,038.97	1/4	4,389.27	1/4	4,738.30	1/4	5,080.56	1/4		1/4		1/4		1/4		1/4	
1/2	3,695.48	1/2	4,046.27	1/2	4,396.54	1/2	4,745.57	1/2	5,086.12	1/2		1/2		1/2		1/2		1/2	
3/4	3,702.79	3/4	4,053.58	3/4	4,403.82	3/4	4,752.84	3/4	5,091.69	3/4		3/4		3/4		3/4		3/4	
7	3,710.10	7	4,060.89	7	4,411.09	7	4,760.11	7	5,097.26	7		7		7		7		7	
1/4	3,717.41	1/4	4,068.20	1/4	4,418.36	1/4	4,767.38	1/4	5,101.63	1/4		1/4		1/4		1/4		1/4	
1/2	3,724.71	1/2	4,075.50	1/2	4,425.63	1/2	4,774.65	1/2	5,106.01	1/2		1/2		1/2		1/2		1/2	
3/4	3,732.02	3/4	4,082.81	3/4	4,432.90	3/4	4,781.93	3/4	5,110.38	3/4		3/4		3/4		3/4		3/4	
8	3,739.33	8	4,090.12	8	4,440.17	8	4,789.20	8	5,114.76	8		8		8		8		8	
1/4	3,746.64	1/4	4,097.43	1/4	4,447.44	1/4	4,796.47	1/4	5,117.94	1/4		1/4		1/4		1/4		1/4	
1/2	3,753.94	1/2	4,104.73	1/2	4,454.71	1/2	4,803.74	1/2	5,121.13	1/2		1/2		1/2		1/2		1/2	
3/4	3,761.25	3/4	4,112.04	3/4	4,461.99	3/4	4,811.02	3/4	5,124.31	3/4		3/4		3/4		3/4		3/4	
9	3,768.56	9	4,119.35	9	4,469.26	9	4,818.29	9	5,127.50	9		9		9		9		9	
1/4	3,775.87	1/4	4,126.66	1/4	4,476.53	1/4	4,825.56	1/4	5,129.49	1/4		1/4		1/4		1/4		1/4	
1/2	3,783.18	1/2	4,133.97	1/2	4,483.80	1/2	4,832.83	1/2	5,131.49	1/2		1/2		1/2		1/2		1/2	
3/4	3,790.49	3/4	4,141.28	3/4	4,491.07	3/4	4,840.11	3/4	5,133.48	3/4		3/4		3/4		3/4		3/4	
10	3,797.80	10	4,148.59	10	4,498.34	10	4,847.38	10	5,135.48	10		10		10		10		10	
1/4	3,805.11	1/4	4,155.90	1/4	4,505.61	1/4	4,854.65	1/4	5,136.28	1/4		1/4		1/4		1/4		1/4	
1/2	3,812.41	1/2	4,163.20	1/2	4,512.88	1/2	4,861.92	1/2	5,137.08	1/2		1/2		1/2		1/2		1/2	
3/4	3,819.72	3/4	4,170.51	3/4	4,520.16	3/4	4,869.20	3/4	5,137.89	3/4		3/4		3/4		3/4		3/4	
11	3,827.03	11	4,177.82	11	4,527.43	11	4,876.47	11	5,138.69	11		11		11		11		11	
1/4	3,834.34	1/4	4,185.13	1/4	4,534.70	1/4	4,883.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,841.64	1/2	4,192.43	1/2	4,541.97	1/2	4,890.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,848.95	3/4	4,199.74	3/4	4,549.24	3/4	4,898.23	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 29650"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3015"

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	14.58	0	348.22	0	698.07	0	1,045.74	0	1,395.38	0	1,745.17	0	2,095.05	0	2,444.95	0	2,794.84	0	3,144.59
1/4	19.04	1/4	355.51	1/4	705.36	1/4	1,053.02	1/4	1,402.67	1/4	1,752.46	1/4	2,102.34	1/4	2,452.24	1/4	2,802.13	1/4	3,151.87
1/2	23.50	1/2	362.80	1/2	712.65	1/2	1,060.29	1/2	1,409.95	1/2	1,759.75	1/2	2,109.63	1/2	2,459.53	1/2	2,809.41	1/2	3,159.16
3/4	27.95	3/4	370.09	3/4	719.94	3/4	1,067.57	3/4	1,417.24	3/4	1,767.04	3/4	2,116.92	3/4	2,466.81	3/4	2,816.70	3/4	3,166.44
1	32.41	1	377.38	1	727.23	1	1,074.84	1	1,424.52	1	1,774.33	1	2,124.21	1	2,474.10	1	2,823.99	1	3,173.73
1/4	38.65	1/4	384.67	1/4	734.50	1/4	1,082.12	1/4	1,431.81	1/4	1,781.62	1/4	2,131.50	1/4	2,481.39	1/4	2,831.28	1/4	3,181.01
1/2	44.89	1/2	391.96	1/2	741.76	1/2	1,089.39	1/2	1,439.10	1/2	1,788.91	1/2	2,138.79	1/2	2,488.68	1/2	2,838.57	1/2	3,188.30
3/4	51.13	3/4	399.24	3/4	749.03	3/4	1,096.67	3/4	1,446.38	3/4	1,796.19	3/4	2,146.08	3/4	2,495.97	3/4	2,845.86	3/4	3,195.58
2	57.37	2	406.53	2	756.29	2	1,103.94	2	1,453.67	2	1,803.48	2	2,153.37	2	2,503.26	2	2,853.15	2	3,202.87
1/4	64.56	1/4	413.82	1/4	763.53	1/4	1,111.23	1/4	1,460.96	1/4	1,810.77	1/4	2,160.66	1/4	2,510.55	1/4	2,860.44	1/4	3,210.15
1/2	71.76	1/2	421.11	1/2	770.77	1/2	1,118.52	1/2	1,468.24	1/2	1,818.06	1/2	2,167.95	1/2	2,517.84	1/2	2,867.73	1/2	3,217.44
3/4	78.95	3/4	428.39	3/4	778.01	3/4	1,125.80	3/4	1,475.53	3/4	1,825.35	3/4	2,175.24	3/4	2,525.13	3/4	2,875.02	3/4	3,224.72
3	86.14	3	435.68	3	785.25	3	1,133.09	3	1,482.81	3	1,832.64	3	2,182.53	3	2,532.42	3	2,882.31	3	3,232.01
1/4	93.38	1/4	442.97	1/4	792.49	1/4	1,140.38	1/4	1,490.10	1/4	1,839.93	1/4	2,189.82	1/4	2,539.71	1/4	2,889.60	1/4	3,239.29
1/2	100.62	1/2	450.26	1/2	799.73	1/2	1,147.66	1/2	1,497.38	1/2	1,847.22	1/2	2,197.11	1/2	2,547.00	1/2	2,896.89	1/2	3,246.58
3/4	107.86	3/4	457.55	3/4	806.96	3/4	1,154.95	3/4	1,504.67	3/4	1,854.51	3/4	2,204.39	3/4	2,554.29	3/4	2,904.18	3/4	3,253.86
4	115.10	4	464.84	4	814.20	4	1,162.23	4	1,511.95	4	1,861.80	4	2,211.68	4	2,561.58	4	2,911.47	4	3,261.15
1/4	122.37	1/4	472.13	1/4	821.44	1/4	1,169.52	1/4	1,519.24	1/4	1,869.09	1/4	2,218.97	1/4	2,568.87	1/4	2,918.75	1/4	3,268.43
1/2	129.63	1/2	479.42	1/2	828.67	1/2	1,176.81	1/2	1,526.53	1/2	1,876.38	1/2	2,226.26	1/2	2,576.15	1/2	2,926.04	1/2	3,275.72
3/4	136.90	3/4	486.70	3/4	835.91	3/4	1,184.09	3/4	1,533.81	3/4	1,883.66	3/4	2,233.55	3/4	2,583.44	3/4	2,933.32	3/4	3,283.00
5	144.16	5	493.99	5	843.14	5	1,191.38	5	1,541.10	5	1,890.95	5	2,240.84	5	2,590.73	5	2,940.61	5	3,290.29
1/4	151.44	1/4	501.28	1/4	850.38	1/4	1,198.67	1/4	1,548.39	1/4	1,898.24	1/4	2,248.13	1/4	2,598.02	1/4	2,947.89	1/4	3,297.20
1/2	158.73	1/2	508.57	1/2	857.62	1/2	1,205.95	1/2	1,555.67	1/2	1,905.53	1/2	2,255.42	1/2	2,605.31	1/2	2,955.18	1/2	3,304.11
3/4	166.01	3/4	515.86	3/4	864.85	3/4	1,213.24	3/4	1,562.96	3/4	1,912.82	3/4	2,262.71	3/4	2,612.60	3/4	2,962.46	3/4	3,311.02
6	173.29	6	523.15	6	872.09	6	1,220.52	6	1,570.24	6	1,920.11	6	2,270.00	6	2,619.89	6	2,969.75	6	3,317.93
1/4	180.58	1/4	530.44	1/4	879.33	1/4	1,227.81	1/4	1,577.53	1/4	1,927.40	1/4	2,277.29	1/4	2,627.18	1/4	2,977.03	1/4	3,324.46
1/2	187.87	1/2	537.73	1/2	886.56	1/2	1,235.10	1/2	1,584.82	1/2	1,934.69	1/2	2,284.58	1/2	2,634.47	1/2	2,984.32	1/2	3,330.99
3/4	195.16	3/4	545.01	3/4	893.80	3/4	1,242.38	3/4	1,592.10	3/4	1,941.98	3/4	2,291.87	3/4	2,641.76	3/4	2,991.60	3/4	3,337.53
7	202.45	7	552.30	7	901.03	7	1,249.67	7	1,599.39	7	1,949.27	7	2,299.16	7	2,649.05	7	2,998.89	7	3,344.06
1/4	209.74	1/4	559.59	1/4	908.27	1/4	1,256.96	1/4	1,606.68	1/4	1,956.56	1/4	2,306.45	1/4	2,656.34	1/4	3,006.17	1/4	3,350.22
1/2	217.03	1/2	566.88	1/2	915.50	1/2	1,264.24	1/2	1,613.97	1/2	1,963.85	1/2	2,313.74	1/2	2,663.63	1/2	3,013.46	1/2	3,356.38
3/4	224.31	3/4	574.17	3/4	922.74	3/4	1,271.53	3/4	1,621.25	3/4	1,971.13	3/4	2,321.02	3/4	2,670.92	3/4	3,020.74	3/4	3,362.54
8	231.60	8	581.46	8	929.97	8	1,278.81	8	1,628.54	8	1,978.42	8	2,328.31	8	2,678.21	8	3,028.03	8	3,368.70
1/4	238.89	1/4	588.75	1/4	937.21	1/4	1,286.10	1/4	1,635.83	1/4	1,985.71	1/4	2,335.60	1/4	2,685.50	1/4	3,035.31	1/4	3,374.48
1/2	246.18	1/2	596.04	1/2	944.44	1/2	1,293.38	1/2	1,643.12	1/2	1,993.00	1/2	2,342.89	1/2	2,692.78	1/2	3,042.60	1/2	3,380.26
3/4	253.47	3/4	603.32	3/4	951.68	3/4	1,300.67	3/4	1,650.41	3/4	2,000.29	3/4	2,350.18	3/4	2,700.07	3/4	3,049.88	3/4	3,386.05
9	260.76	9	610.61	9	958.91	9	1,307.95	9	1,657.70	9	2,007.58	9	2,357.47	9	2,707.36	9	3,057.17	9	3,391.83
1/4	268.05	1/4	617.71	1/4	966.15	1/4	1,315.24	1/4	1,664.99	1/4	2,014.87	1/4	2,364.76	1/4	2,714.65	1/4	3,064.45	1/4	3,397.24
1/2	275.34	1/2	624.81	1/2	973.39	1/2	1,322.53	1/2	1,672.28	1/2	2,022.16	1/2	2,372.05	1/2	2,721.94	1/2	3,071.74	1/2	3,402.65
3/4	282.62	3/4	631.90	3/4	980.62	3/4	1,329.81	3/4	1,679.57	3/4	2,029.45	3/4	2,379.34	3/4	2,729.23	3/4	3,079.02	3/4	3,408.06
10	289.91	10	639.00	10	987.86	10	1,337.10	10	1,686.86	10	2,036.74	10	2,386.63	10	2,736.52	10	3,086.31	10	3,413.47
1/4	297.20	1/4	646.48	1/4	995.10	1/4	1,344.39	1/4	1,694.15	1/4	2,044.03	1/4	2,393.92	1/4	2,743.81	1/4	3,093.59	1/4	3,418.51
1/2	304.49	1/2	653.96	1/2	1,002.33	1/2	1,351.67	1/2	1,701.44	1/2	2,051.32	1/2	2,401.21	1/2	2,751.10	1/2	3,100.88	1/2	3,423.55
3/4	311.78	3/4	661.44	3/4	1,009.57	3/4	1,358.96	3/4	1,708.72	3/4	2,058.61	3/4	2,408.50	3/4	2,758.39	3/4	3,108.16	3/4	3,428.59
11	319.07	11	668.92	11	1,016.80	11	1,366.24	11	1,716.01	11	2,065.90	11	2,415.79	11	2,765.68	11	3,115.45	11	3,433.63
1/4	326.36	1/4	676.21	1/4	1,024.04	1/4	1,373.53	1/4	1,723.30	1/4	2,073.19	1/4	2,423.08	1/4	2,772.97	1/4	3,122.73	1/4	3,438.67
1/2	333.65	1/2	683.50	1/2	1,031.27	1/2	1,380.81	1/2	1,730.59	1/2	2,080.48	1/2	2,430.37	1/2	2,780.26	1/2	3,130.02	1/2	3,443.71
3/4	340.93	3/4	690.78	3/4	1,038.51	3/4	1,388.10	3/4	1,737.88	3/4	2,087.76	3/4	2,437.66	3/4	2,787.55	3/4	3,137.30	3/4	3,448.76

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 29650"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3015"

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	3,453.80	0	3,695.76	0	3,937.73	0	4,178.71	0	4,419.61	0		0		0		0		0	
1/4	3,458.84	1/4	3,700.80	1/4	3,942.77	1/4	4,183.73	1/4	4,424.56	1/4		1/4		1/4		1/4		1/4	
1/2	3,463.88	1/2	3,705.84	1/2	3,947.81	1/2	4,188.74	1/2	4,429.52	1/2		1/2		1/2		1/2		1/2	
3/4	3,468.92	3/4	3,710.89	3/4	3,952.86	3/4	4,193.76	3/4	4,434.47	3/4		3/4		3/4		3/4		3/4	
1	3,473.96	1	3,715.93	1	3,957.90	1	4,198.78	1	4,439.43	1		1		1		1		1	
1/4	3,479.00	1/4	3,720.97	1/4	3,962.92	1/4	4,203.80	1/4	4,444.35	1/4		1/4		1/4		1/4		1/4	
1/2	3,484.04	1/2	3,726.01	1/2	3,967.93	1/2	4,208.81	1/2	4,449.28	1/2		1/2		1/2		1/2		1/2	
3/4	3,489.08	3/4	3,731.05	3/4	3,972.95	3/4	4,213.83	3/4	4,454.20	3/4		3/4		3/4		3/4		3/4	
2	3,494.12	2	3,736.09	2	3,977.97	2	4,218.85	2	4,459.13	2		2		2		2		2	
1/4	3,499.16	1/4	3,741.13	1/4	3,982.99	1/4	4,223.87	1/4	4,464.03	1/4		1/4		1/4		1/4		1/4	
1/2	3,504.20	1/2	3,746.17	1/2	3,988.00	1/2	4,228.89	1/2	4,468.94	1/2		1/2		1/2		1/2		1/2	
3/4	3,509.25	3/4	3,751.22	3/4	3,993.02	3/4	4,233.91	3/4	4,473.84	3/4		3/4		3/4		3/4		3/4	
3	3,514.29	3	3,756.26	3	3,998.04	3	4,238.93	3	4,478.75	3		3		3		3		3	
1/4	3,519.33	1/4	3,761.30	1/4	4,003.06	1/4	4,243.95	1/4	4,483.64	1/4		1/4		1/4		1/4		1/4	
1/2	3,524.37	1/2	3,766.34	1/2	4,008.08	1/2	4,248.96	1/2	4,488.52	1/2		1/2		1/2		1/2		1/2	
3/4	3,529.41	3/4	3,771.38	3/4	4,013.10	3/4	4,253.98	3/4	4,493.41	3/4		3/4		3/4		3/4		3/4	
4	3,534.45	4	3,776.42	4	4,018.12	4	4,259.00	4	4,498.30	4		4		4		4		4	
1/4	3,539.49	1/4	3,781.46	1/4	4,023.14	1/4	4,264.02	1/4	4,503.17	1/4		1/4		1/4		1/4		1/4	
1/2	3,544.53	1/2	3,786.50	1/2	4,028.15	1/2	4,269.03	1/2	4,508.03	1/2		1/2		1/2		1/2		1/2	
3/4	3,549.58	3/4	3,791.54	3/4	4,033.17	3/4	4,274.05	3/4	4,512.90	3/4		3/4		3/4		3/4		3/4	
5	3,554.62	5	3,796.58	5	4,038.19	5	4,279.07	5	4,517.77	5		5		5		5		5	
1/4	3,559.66	1/4	3,801.62	1/4	4,043.21	1/4	4,284.09	1/4	4,522.32	1/4		1/4		1/4		1/4		1/4	
1/2	3,564.70	1/2	3,806.66	1/2	4,048.22	1/2	4,289.11	1/2	4,526.87	1/2		1/2		1/2		1/2		1/2	
3/4	3,569.74	3/4	3,811.71	3/4	4,053.24	3/4	4,294.13	3/4	4,531.43	3/4		3/4		3/4		3/4		3/4	
6	3,574.78	6	3,816.75	6	4,058.26	6	4,299.15	6	4,535.98	6		6		6		6		6	
1/4	3,579.82	1/4	3,821.79	1/4	4,063.28	1/4	4,304.17	1/4	4,539.71	1/4		1/4		1/4		1/4		1/4	
1/2	3,584.86	1/2	3,826.83	1/2	4,068.30	1/2	4,309.18	1/2	4,543.44	1/2		1/2		1/2		1/2		1/2	
3/4	3,589.90	3/4	3,831.87	3/4	4,073.32	3/4	4,314.20	3/4	4,547.17	3/4		3/4		3/4		3/4		3/4	
7	3,594.94	7	3,836.91	7	4,078.34	7	4,319.22	7	4,550.90	7		7		7		7		7	
1/4	3,599.98	1/4	3,841.95	1/4	4,083.36	1/4	4,324.24	1/4	4,553.81	1/4		1/4		1/4		1/4		1/4	
1/2	3,605.02	1/2	3,846.99	1/2	4,088.37	1/2	4,329.25	1/2	4,556.71	1/2		1/2		1/2		1/2		1/2	
3/4	3,610.07	3/4	3,852.04	3/4	4,093.39	3/4	4,334.27	3/4	4,559.62	3/4		3/4		3/4		3/4		3/4	
8	3,615.11	8	3,857.08	8	4,098.41	8	4,339.29	8	4,562.53	8		8		8		8		8	
1/4	3,620.15	1/4	3,862.12	1/4	4,103.43	1/4	4,344.31	1/4	4,564.62	1/4		1/4		1/4		1/4		1/4	
1/2	3,625.19	1/2	3,867.16	1/2	4,108.44	1/2	4,349.34	1/2	4,566.70	1/2		1/2		1/2		1/2		1/2	
3/4	3,630.23	3/4	3,872.20	3/4	4,113.46	3/4	4,354.36	3/4	4,568.79	3/4		3/4		3/4		3/4		3/4	
9	3,635.27	9	3,877.24	9	4,118.48	9	4,359.39	9	4,570.88	9		9		9		9		9	
1/4	3,640.31	1/4	3,882.28	1/4	4,123.50	1/4	4,364.41	1/4	4,572.14	1/4		1/4		1/4		1/4		1/4	
1/2	3,645.35	1/2	3,887.32	1/2	4,128.52	1/2	4,369.43	1/2	4,573.41	1/2		1/2		1/2		1/2		1/2	
3/4	3,650.40	3/4	3,892.36	3/4	4,133.54	3/4	4,374.46	3/4	4,574.67	3/4		3/4		3/4		3/4		3/4	
10	3,655.44	10	3,897.40	10	4,138.56	10	4,379.48	10	4,575.94	10		10		10		10		10	
1/4	3,660.48	1/4	3,902.44	1/4	4,143.58	1/4	4,384.50	1/4	4,576.38	1/4		1/4		1/4		1/4		1/4	
1/2	3,665.52	1/2	3,907.48	1/2	4,148.59	1/2	4,389.52	1/2	4,576.82	1/2		1/2		1/2		1/2		1/2	
3/4	3,670.56	3/4	3,912.53	3/4	4,153.61	3/4	4,394.55	3/4	4,577.26	3/4		3/4		3/4		3/4		3/4	
11	3,675.60	11	3,917.57	11	4,158.63	11	4,399.57	11	4,577.70	11		11		11		11		11	
1/4	3,680.64	1/4	3,922.61	1/4	4,163.65	1/4	4,404.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,685.68	1/2	3,927.65	1/2	4,168.67	1/2	4,409.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,690.72	3/4	3,932.69	3/4	4,173.69	3/4	4,414.60	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 29650"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3015"

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	14.57	0	348.30	0	698.45	0	1,048.04	0	1,398.16	0	1,748.37	0	2,098.58	0	2,448.81	0	2,798.80	0	3,148.64
1/4	19.03	1/4	355.60	1/4	705.75	1/4	1,055.33	1/4	1,405.46	1/4	1,755.67	1/4	2,105.88	1/4	2,456.11	1/4	2,806.09	1/4	3,155.93
1/2	23.49	1/2	362.89	1/2	713.04	1/2	1,062.61	1/2	1,412.75	1/2	1,762.96	1/2	2,113.18	1/2	2,463.40	1/2	2,813.39	1/2	3,163.22
3/4	27.94	3/4	370.19	3/4	720.33	3/4	1,069.90	3/4	1,420.05	3/4	1,770.26	3/4	2,120.47	3/4	2,470.70	3/4	2,820.68	3/4	3,170.50
1	32.40	1	377.48	1	727.63	1	1,077.18	1	1,427.34	1	1,777.55	1	2,127.77	1	2,477.99	1	2,827.97	1	3,177.79
1/4	38.64	1/4	384.78	1/4	734.92	1/4	1,084.47	1/4	1,434.64	1/4	1,784.85	1/4	2,135.07	1/4	2,485.28	1/4	2,835.26	1/4	3,185.08
1/2	44.88	1/2	392.07	1/2	742.22	1/2	1,091.75	1/2	1,441.94	1/2	1,792.15	1/2	2,142.36	1/2	2,492.58	1/2	2,842.55	1/2	3,192.36
3/4	51.12	3/4	399.37	3/4	749.51	3/4	1,099.04	3/4	1,449.23	3/4	1,799.44	3/4	2,149.66	3/4	2,499.87	3/4	2,849.84	3/4	3,199.65
2	57.36	2	406.66	2	756.81	2	1,106.32	2	1,456.53	2	1,806.74	2	2,156.95	2	2,507.16	2	2,857.13	2	3,206.93
1/4	64.55	1/4	413.96	1/4	764.09	1/4	1,113.62	1/4	1,463.83	1/4	1,814.04	1/4	2,164.25	1/4	2,514.45	1/4	2,864.42	1/4	3,214.22
1/2	71.74	1/2	421.25	1/2	771.38	1/2	1,120.92	1/2	1,471.12	1/2	1,821.33	1/2	2,171.55	1/2	2,521.74	1/2	2,871.72	1/2	3,221.51
3/4	78.93	3/4	428.55	3/4	778.66	3/4	1,128.21	3/4	1,478.42	3/4	1,828.63	3/4	2,178.84	3/4	2,529.03	3/4	2,879.01	3/4	3,228.79
3	86.12	3	435.84	3	785.95	3	1,135.51	3	1,485.71	3	1,835.92	3	2,186.14	3	2,536.32	3	2,886.30	3	3,236.08
1/4	93.36	1/4	443.14	1/4	793.23	1/4	1,142.81	1/4	1,493.01	1/4	1,843.22	1/4	2,193.44	1/4	2,543.61	1/4	2,893.59	1/4	3,243.37
1/2	100.60	1/2	450.43	1/2	800.51	1/2	1,150.10	1/2	1,500.30	1/2	1,850.51	1/2	2,200.73	1/2	2,550.90	1/2	2,900.88	1/2	3,250.66
3/4	107.84	3/4	457.73	3/4	807.80	3/4	1,157.40	3/4	1,507.60	3/4	1,857.81	3/4	2,208.03	3/4	2,558.19	3/4	2,908.17	3/4	3,257.94
4	115.08	4	465.02	4	815.08	4	1,164.69	4	1,514.89	4	1,865.10	4	2,215.32	4	2,565.48	4	2,915.46	4	3,265.23
1/4	122.34	1/4	472.32	1/4	822.36	1/4	1,171.99	1/4	1,522.19	1/4	1,872.40	1/4	2,222.62	1/4	2,572.77	1/4	2,922.75	1/4	3,272.52
1/2	129.61	1/2	479.61	1/2	829.64	1/2	1,179.29	1/2	1,529.49	1/2	1,879.70	1/2	2,229.92	1/2	2,580.07	1/2	2,930.04	1/2	3,279.81
3/4	136.87	3/4	486.91	3/4	836.92	3/4	1,186.58	3/4	1,536.78	3/4	1,886.99	3/4	2,237.21	3/4	2,587.36	3/4	2,937.32	3/4	3,287.09
5	144.13	5	494.20	5	844.20	5	1,193.88	5	1,544.08	5	1,894.29	5	2,244.51	5	2,594.65	5	2,944.61	5	3,294.38
1/4	151.41	1/4	501.50	1/4	851.48	1/4	1,201.18	1/4	1,551.38	1/4	1,901.59	1/4	2,251.81	1/4	2,601.94	1/4	2,951.90	1/4	3,301.29
1/2	158.69	1/2	508.79	1/2	858.76	1/2	1,208.47	1/2	1,558.67	1/2	1,908.88	1/2	2,259.10	1/2	2,609.23	1/2	2,959.19	1/2	3,308.20
3/4	165.97	3/4	516.09	3/4	866.04	3/4	1,215.77	3/4	1,565.97	3/4	1,916.18	3/4	2,266.40	3/4	2,616.52	3/4	2,966.47	3/4	3,315.11
6	173.25	6	523.38	6	873.32	6	1,223.06	6	1,573.26	6	1,923.47	6	2,273.69	6	2,623.81	6	2,973.76	6	3,322.02
1/4	180.54	1/4	530.68	1/4	880.60	1/4	1,230.36	1/4	1,580.56	1/4	1,930.77	1/4	2,280.99	1/4	2,631.10	1/4	2,981.05	1/4	3,328.56
1/2	187.83	1/2	537.97	1/2	887.88	1/2	1,237.65	1/2	1,587.85	1/2	1,938.07	1/2	2,288.29	1/2	2,638.40	1/2	2,988.33	1/2	3,335.10
3/4	195.12	3/4	545.27	3/4	895.16	3/4	1,244.95	3/4	1,595.15	3/4	1,945.36	3/4	2,295.58	3/4	2,645.69	3/4	2,995.62	3/4	3,341.63
7	202.41	7	552.56	7	902.44	7	1,252.24	7	1,602.44	7	1,952.66	7	2,302.88	7	2,652.98	7	3,002.90	7	3,348.17
1/4	209.71	1/4	559.86	1/4	909.72	1/4	1,259.54	1/4	1,609.74	1/4	1,959.96	1/4	2,310.18	1/4	2,660.27	1/4	3,010.19	1/4	3,354.33
1/2	217.00	1/2	567.15	1/2	917.00	1/2	1,266.84	1/2	1,617.04	1/2	1,967.25	1/2	2,317.47	1/2	2,667.56	1/2	3,017.48	1/2	3,360.49
3/4	224.30	3/4	574.45	3/4	924.28	3/4	1,274.13	3/4	1,624.33	3/4	1,974.55	3/4	2,324.77	3/4	2,674.85	3/4	3,024.76	3/4	3,366.65
8	231.59	8	581.74	8	931.56	8	1,281.43	8	1,631.63	8	1,981.84	8	2,332.06	8	2,682.14	8	3,032.05	8	3,372.81
1/4	238.89	1/4	589.04	1/4	938.84	1/4	1,288.73	1/4	1,638.93	1/4	1,989.14	1/4	2,339.36	1/4	2,689.43	1/4	3,039.34	1/4	3,378.60
1/2	246.18	1/2	596.33	1/2	946.12	1/2	1,296.02	1/2	1,646.22	1/2	1,996.44	1/2	2,346.66	1/2	2,696.73	1/2	3,046.63	1/2	3,384.38
3/4	253.48	3/4	603.63	3/4	953.40	3/4	1,303.32	3/4	1,653.52	3/4	2,003.73	3/4	2,353.95	3/4	2,704.02	3/4	3,053.91	3/4	3,390.17
9	260.77	9	610.92	9	960.68	9	1,310.61	9	1,660.81	9	2,011.03	9	2,361.25	9	2,711.31	9	3,061.20	9	3,395.95
1/4	268.07	1/4	618.22	1/4	967.96	1/4	1,317.91	1/4	1,668.11	1/4	2,018.33	1/4	2,368.55	1/4	2,718.60	1/4	3,068.49	1/4	3,401.36
1/2	275.36	1/2	625.51	1/2	975.24	1/2	1,325.21	1/2	1,675.41	1/2	2,025.62	1/2	2,375.84	1/2	2,725.89	1/2	3,075.78	1/2	3,406.77
3/4	282.66	3/4	632.81	3/4	982.52	3/4	1,332.50	3/4	1,682.70	3/4	2,032.92	3/4	2,383.14	3/4	2,733.18	3/4	3,083.06	3/4	3,412.18
10	289.95	10	640.10	10	989.80	10	1,339.80	10	1,690.00	10	2,040.21	10	2,390.43	10	2,740.47	10	3,090.35	10	3,417.59
1/4	297.25	1/4	647.40	1/4	997.08	1/4	1,347.10	1/4	1,697.30	1/4	2,047.51	1/4	2,397.73	1/4	2,747.76	1/4	3,097.64	1/4	3,422.63
1/2	304.54	1/2	654.69	1/2	1,004.36	1/2	1,354.39	1/2	1,704.59	1/2	2,054.81	1/2	2,405.03	1/2	2,755.06	1/2	3,104.92	1/2	3,427.66
3/4	311.84	3/4	661.99	3/4	1,011.64	3/4	1,361.69	3/4	1,711.89	3/4	2,062.10	3/4	2,412.32	3/4	2,762.35	3/4	3,112.21	3/4	3,432.70
11	319.13	11	669.28	11	1,018.92	11	1,368.98	11	1,719.18	11	2,069.40	11	2,419.62	11	2,769.64	11	3,119.49	11	3,437.73
1/4	326.42	1/4	676.57	1/4	1,026.20	1/4	1,376.28	1/4	1,726.48	1/4	2,076.70	1/4	2,426.92	1/4	2,776.93	1/4	3,126.78	1/4	3,442.77
1/2	333.72	1/2	683.87	1/2	1,033.48	1/2	1,383.57	1/2	1,733.78	1/2	2,083.99	1/2	2,434.22	1/2	2,784.22	1/2	3,134.07	1/2	3,447.81
3/4	341.01	3/4	691.16	3/4	1,040.76	3/4	1,390.87	3/4	1,741.07	3/4	2,091.29	3/4	2,441.51	3/4	2,791.51	3/4	3,141.35	3/4	3,452.85

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
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 29650"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3015"

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	3,457.89	0	3,699.82	0	3,941.75	0	4,182.69	0	4,423.56	0		0		0		0		0	
1/4	3,462.93	1/4	3,704.86	1/4	3,946.79	1/4	4,187.71	1/4	4,428.51	1/4		1/4		1/4		1/4		1/4	
1/2	3,467.98	1/2	3,709.90	1/2	3,951.83	1/2	4,192.72	1/2	4,433.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,473.02	3/4	3,714.95	3/4	3,956.87	3/4	4,197.74	3/4	4,438.42	3/4		3/4		3/4		3/4		3/4	
1	3,478.06	1	3,719.99	1	3,961.91	1	4,202.76	1	4,443.37	1		1		1		1		1	
1/4	3,483.10	1/4	3,725.03	1/4	3,966.93	1/4	4,207.78	1/4	4,448.29	1/4		1/4		1/4		1/4		1/4	
1/2	3,488.14	1/2	3,730.07	1/2	3,971.95	1/2	4,212.79	1/2	4,453.22	1/2		1/2		1/2		1/2		1/2	
3/4	3,493.18	3/4	3,735.11	3/4	3,976.97	3/4	4,217.81	3/4	4,458.14	3/4		3/4		3/4		3/4		3/4	
2	3,498.22	2	3,740.15	2	3,981.99	2	4,222.83	2	4,463.07	2		2		2		2		2	
1/4	3,503.26	1/4	3,745.19	1/4	3,987.01	1/4	4,227.85	1/4	4,467.97	1/4		1/4		1/4		1/4		1/4	
1/2	3,508.30	1/2	3,750.23	1/2	3,992.02	1/2	4,232.86	1/2	4,472.88	1/2		1/2		1/2		1/2		1/2	
3/4	3,513.34	3/4	3,755.27	3/4	3,997.04	3/4	4,237.88	3/4	4,477.78	3/4		3/4		3/4		3/4		3/4	
3	3,518.38	3	3,760.31	3	4,002.06	3	4,242.90	3	4,482.69	3		3		3		3		3	
1/4	3,523.42	1/4	3,765.35	1/4	4,006.58	1/4	4,247.92	1/4	4,487.57	1/4		1/4		1/4		1/4		1/4	
1/2	3,528.46	1/2	3,770.39	1/2	4,011.09	1/2	4,252.93	1/2	4,492.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,533.50	3/4	3,775.43	3/4	4,015.61	3/4	4,257.95	3/4	4,497.34	3/4		3/4		3/4		3/4		3/4	
4	3,538.54	4	3,780.47	4	4,020.13	4	4,262.97	4	4,502.23	4		4		4		4		4	
1/4	3,543.58	1/4	3,785.51	1/4	4,025.65	1/4	4,267.99	1/4	4,507.10	1/4		1/4		1/4		1/4		1/4	
1/2	3,548.62	1/2	3,790.55	1/2	4,031.16	1/2	4,273.00	1/2	4,511.96	1/2		1/2		1/2		1/2		1/2	
3/4	3,553.66	3/4	3,795.59	3/4	4,036.68	3/4	4,278.02	3/4	4,516.83	3/4		3/4		3/4		3/4		3/4	
5	3,558.70	5	3,800.63	5	4,042.20	5	4,283.04	5	4,521.70	5		5		5		5		5	
1/4	3,563.74	1/4	3,805.67	1/4	4,047.22	1/4	4,288.06	1/4	4,526.25	1/4		1/4		1/4		1/4		1/4	
1/2	3,568.78	1/2	3,810.71	1/2	4,052.23	1/2	4,293.07	1/2	4,530.80	1/2		1/2		1/2		1/2		1/2	
3/4	3,573.82	3/4	3,815.75	3/4	4,057.25	3/4	4,298.09	3/4	4,535.36	3/4		3/4		3/4		3/4		3/4	
6	3,578.86	6	3,820.79	6	4,062.27	6	4,303.11	6	4,539.91	6		6		6		6		6	
1/4	3,583.90	1/4	3,825.83	1/4	4,067.29	1/4	4,308.13	1/4	4,543.64	1/4		1/4		1/4		1/4		1/4	
1/2	3,588.94	1/2	3,830.87	1/2	4,072.30	1/2	4,313.14	1/2	4,547.37	1/2		1/2		1/2		1/2		1/2	
3/4	3,593.98	3/4	3,835.91	3/4	4,077.32	3/4	4,318.16	3/4	4,551.10	3/4		3/4		3/4		3/4		3/4	
7	3,599.02	7	3,840.95	7	4,082.34	7	4,323.18	7	4,554.83	7		7		7		7		7	
1/4	3,604.06	1/4	3,845.99	1/4	4,087.36	1/4	4,328.20	1/4	4,557.74	1/4		1/4		1/4		1/4		1/4	
1/2	3,609.10	1/2	3,851.03	1/2	4,092.37	1/2	4,333.21	1/2	4,560.64	1/2		1/2		1/2		1/2		1/2	
3/4	3,614.14	3/4	3,856.07	3/4	4,097.39	3/4	4,338.23	3/4	4,563.55	3/4		3/4		3/4		3/4		3/4	
8	3,619.18	8	3,861.11	8	4,102.41	8	4,343.25	8	4,566.46	8		8		8		8		8	
1/4	3,624.22	1/4	3,866.15	1/4	4,107.43	1/4	4,348.27	1/4	4,568.54	1/4		1/4		1/4		1/4		1/4	
1/2	3,629.26	1/2	3,871.19	1/2	4,112.44	1/2	4,353.29	1/2	4,570.63	1/2		1/2		1/2		1/2		1/2	
3/4	3,634.30	3/4	3,876.23	3/4	4,117.46	3/4	4,358.32	3/4	4,572.71	3/4		3/4		3/4		3/4		3/4	
9	3,639.34	9	3,881.27	9	4,122.48	9	4,363.34	9	4,574.80	9		9		9		9		9	
1/4	3,644.38	1/4	3,886.31	1/4	4,127.50	1/4	4,368.36	1/4	4,576.06	1/4		1/4		1/4		1/4		1/4	
1/2	3,649.42	1/2	3,891.35	1/2	4,132.51	1/2	4,373.38	1/2	4,577.33	1/2		1/2		1/2		1/2		1/2	
3/4	3,654.46	3/4	3,896.39	3/4	4,137.53	3/4	4,378.41	3/4	4,578.59	3/4		3/4		3/4		3/4		3/4	
10	3,659.50	10	3,901.43	10	4,142.55	10	4,383.43	10	4,579.86	10		10		10		10		10	
1/4	3,664.54	1/4	3,906.47	1/4	4,147.57	1/4	4,388.45	1/4	4,580.30	1/4		1/4		1/4		1/4		1/4	
1/2	3,669.58	1/2	3,911.51	1/2	4,152.58	1/2	4,393.47	1/2	4,580.74	1/2		1/2		1/2		1/2		1/2	
3/4	3,674.62	3/4	3,916.55	3/4	4,157.60	3/4	4,398.50	3/4	4,581.19	3/4		3/4		3/4		3/4		3/4	
11	3,679.66	11	3,921.59	11	4,162.62	11	4,403.52	11	4,581.63	11		11		11		11		11	
1/4	3,684.70	1/4	3,926.63	1/4	4,167.64	1/4	4,408.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,689.74	1/2	3,931.67	1/2	4,172.65	1/2	4,413.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,694.78	3/4	3,936.71	3/4	4,177.67	3/4	4,418.55	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 29650"

# PORT SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3015"

GAUGE HEIGHT 6'-04 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	9	0	982	0	2,107	0	3,232	0	4,356	0		0		0		0		0	
1/4	16	1/4	1,006	1/4	2,130	1/4	3,255	1/4	4,380	1/4		1/4		1/4		1/4		1/4	
1/2	23	1/2	1,029	1/2	2,154	1/2	3,279	1/2	4,403	1/2		1/2		1/2		1/2		1/2	
3/4	30	3/4	1,053	3/4	2,177	3/4	3,302	3/4	4,427	3/4		3/4		3/4		3/4		3/4	
1	37	1	1,076	1	2,200	1	3,325	1	4,450	1		1		1		1		1	
1/4	48	1/4	1,099	1/4	2,224	1/4	3,349	1/4	4,474	1/4		1/4		1/4		1/4		1/4	
1/2	60	1/2	1,123	1/2	2,247	1/2	3,372	1/2	4,497	1/2		1/2		1/2		1/2		1/2	
3/4	71	3/4	1,146	3/4	2,271	3/4	3,396	3/4	4,521	3/4		3/4		3/4		3/4		3/4	
2	82	2	1,169	2	2,294	2	3,419	2	4,544	2		2		2		2		2	
1/4	98	1/4	1,193	1/4	2,318	1/4	3,443	1/4	4,568	1/4		1/4		1/4		1/4		1/4	
1/2	114	1/2	1,216	1/2	2,341	1/2	3,466	1/2	4,591	1/2		1/2		1/2		1/2		1/2	
3/4	130	3/4	1,240	3/4	2,365	3/4	3,490	3/4	4,615	3/4		3/4		3/4		3/4		3/4	
3	146	3	1,263	3	2,388	3	3,513	3	4,638	3		3		3		3		3	
1/4	168	1/4	1,287	1/4	2,412	1/4	3,536	1/4	4,661	1/4		1/4		1/4		1/4		1/4	
1/2	189	1/2	1,310	1/2	2,435	1/2	3,560	1/2	4,685	1/2		1/2		1/2		1/2		1/2	
3/4	211	3/4	1,334	3/4	2,459	3/4	3,583	3/4	4,708	3/4		3/4		3/4		3/4		3/4	
4	232	4	1,357	4	2,482	4	3,606	4	4,731	4		4		4		4		4	
1/4	256	1/4	1,381	1/4	2,505	1/4	3,630	1/4	4,755	1/4		1/4		1/4		1/4		1/4	
1/2	279	1/2	1,404	1/2	2,529	1/2	3,653	1/2	4,778	1/2		1/2		1/2		1/2		1/2	
3/4	303	3/4	1,428	3/4	2,552	3/4	3,677	3/4	4,802	3/4		3/4		3/4		3/4		3/4	
5	326	5	1,451	5	2,575	5	3,700	5	4,825	5		5		5		5		5	
1/4	350	1/4	1,474	1/4	2,599	1/4	3,724	1/4	4,849	1/4		1/4		1/4		1/4		1/4	
1/2	373	1/2	1,498	1/2	2,622	1/2	3,747	1/2	4,872	1/2		1/2		1/2		1/2		1/2	
3/4	397	3/4	1,521	3/4	2,646	3/4	3,771	3/4	4,896	3/4		3/4		3/4		3/4		3/4	
6	420	6	1,544	6	2,669	6	3,794	6	4,919	6		6		6		6		6	
1/4	443	1/4	1,568	1/4	2,693	1/4	3,818	1/4	4,942	1/4		1/4		1/4		1/4		1/4	
1/2	467	1/2	1,591	1/2	2,716	1/2	3,841	1/2	4,966	1/2		1/2		1/2		1/2		1/2	
3/4	490	3/4	1,615	3/4	2,740	3/4	3,865	3/4	4,989	3/4		3/4		3/4		3/4		3/4	
7	513	7	1,638	7	2,763	7	3,888	7	5,012	7		7		7		7		7	
1/4	537	1/4	1,662	1/4	2,787	1/4	3,911	1/4	5,036	1/4		1/4		1/4		1/4		1/4	
1/2	560	1/2	1,685	1/2	2,810	1/2	3,935	1/2	5,059	1/2		1/2		1/2		1/2		1/2	
3/4	584	3/4	1,709	3/4	2,834	3/4	3,958	3/4	5,083	3/4		3/4		3/4		3/4		3/4	
8	607	8	1,732	8	2,857	8	3,981	8	5,106	8		8		8		8		8	
1/4	631	1/4	1,756	1/4	2,880	1/4	4,005	1/4	5,130	1/4		1/4		1/4		1/4		1/4	
1/2	654	1/2	1,779	1/2	2,904	1/2	4,028	1/2	5,153	1/2		1/2		1/2		1/2		1/2	
3/4	678	3/4	1,803	3/4	2,927	3/4	4,052	3/4	5,177	3/4		3/4		3/4		3/4		3/4	
9	701	9	1,826	9	2,950	9	4,075	9	5,200	9		9		9		9		9	
1/4	724	1/4	1,849	1/4	2,974	1/4	4,099	1/4	5,224	1/4		1/4		1/4		1/4		1/4	
1/2	748	1/2	1,873	1/2	2,997	1/2	4,122	1/2	5,247	1/2		1/2		1/2		1/2		1/2	
3/4	771	3/4	1,896	3/4	3,021	3/4	4,146	3/4	5,271	3/4		3/4		3/4		3/4		3/4	
10	794	10	1,919	10	3,044	10	4,169	10	5,294	10		10		10		10		10	
1/4	818	1/4	1,943	1/4	3,068	1/4	4,193	1/4	5,317	1/4		1/4		1/4		1/4		1/4	
1/2	841	1/2	1,966	1/2	3,091	1/2	4,216	1/2	5,340	1/2		1/2		1/2		1/2		1/2	
3/4	865	3/4	1,990	3/4	3,115	3/4	4,240	3/4		3/4		3/4		3/4		3/4		3/4	
11	888	11	2,013	11	3,138	11	4,263	11		11		11		11		11		11	
1/4	912	1/4	2,037	1/4	3,162	1/4	4,286	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	935	1/2	2,060	1/2	3,185	1/2	4,310	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	959	3/4	2,084	3/4	3,209	3/4	4,333	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 29650"

# STBD SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "NGL 3015"

GAUGE HEIGHT 6'-04 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
1/4	16	1/4	977	1/4	2,063	1/4	3,149	1/4	4,235	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	23	1/2	1,000	1/2	2,086	1/2	3,172	1/2	4,257	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	30	3/4	1,022	3/4	2,108	3/4	3,194	3/4	4,280	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	37	1	1,045	1	2,131	1	3,217	1	4,302	1		1	1	1	1	1	1	1	1
1/4	48	1/4	1,068	1/4	2,154	1/4	3,240	1/4	4,325	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	60	1/2	1,090	1/2	2,176	1/2	3,262	1/2	4,348	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71	3/4	1,113	3/4	2,199	3/4	3,285	3/4	4,370	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	82	2	1,135	2	2,221	2	3,307	2	4,393	2		2	2	2	2	2	2	2	2
1/4	98	1/4	1,158	1/4	2,244	1/4	3,330	1/4	4,416	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114	1/2	1,181	1/2	2,267	1/2	3,353	1/2	4,438	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	130	3/4	1,203	3/4	2,289	3/4	3,375	3/4	4,461	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	146	3	1,226	3	2,312	3	3,398	3	4,483	3		3	3	3	3	3	3	3	3
1/4	167	1/4	1,249	1/4	2,335	1/4	3,421	1/4	4,506	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	189	1/2	1,271	1/2	2,357	1/2	3,443	1/2	4,529	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	210	3/4	1,294	3/4	2,380	3/4	3,466	3/4	4,551	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	231	4	1,316	4	2,402	4	3,488	4	4,574	4		4	4	4	4	4	4	4	4
1/4	254	1/4	1,339	1/4	2,425	1/4	3,511	1/4	4,597	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	276	1/2	1,362	1/2	2,448	1/2	3,533	1/2	4,619	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	299	3/4	1,384	3/4	2,470	3/4	3,556	3/4	4,642	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	321	5	1,407	5	2,493	5	3,578	5	4,664	5		5	5	5	5	5	5	5	5
1/4	344	1/4	1,430	1/4	2,516	1/4	3,601	1/4	4,687	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	367	1/2	1,452	1/2	2,538	1/2	3,624	1/2	4,710	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	389	3/4	1,475	3/4	2,561	3/4	3,646	3/4	4,732	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	412	6	1,497	6	2,583	6	3,669	6	4,755	6		6	6	6	6	6	6	6	6
1/4	435	1/4	1,520	1/4	2,606	1/4	3,692	1/4	4,778	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	457	1/2	1,543	1/2	2,629	1/2	3,714	1/2	4,800	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	480	3/4	1,565	3/4	2,651	3/4	3,737	3/4	4,823	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	502	7	1,588	7	2,674	7	3,759	7	4,845	7		7	7	7	7	7	7	7	7
1/4	525	1/4	1,611	1/4	2,697	1/4	3,782	1/4	4,868	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	548	1/2	1,633	1/2	2,719	1/2	3,805	1/2	4,891	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	570	3/4	1,656	3/4	2,742	3/4	3,827	3/4	4,913	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	593	8	1,678	8	2,764	8	3,850	8	4,936	8		8	8	8	8	8	8	8	8
1/4	616	1/4	1,701	1/4	2,787	1/4	3,873	1/4	4,959	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	638	1/2	1,724	1/2	2,810	1/2	3,895	1/2	4,981	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	661	3/4	1,746	3/4	2,832	3/4	3,918	3/4	5,004	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	683	9	1,769	9	2,855	9	3,940	9	5,026	9		9	9	9	9	9	9	9	9
1/4	706	1/4	1,792	1/4	2,878	1/4	3,963	1/4	5,049	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	728	1/2	1,814	1/2	2,900	1/2	3,986	1/2	5,071	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	751	3/4	1,837	3/4	2,923	3/4	4,008	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	773	10	1,859	10	2,945	10	4,031	10		10		10	10	10	10	10	10	10	10
1/4	796	1/4	1,882	1/4	2,968	1/4	4,054	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	819	1/2	1,905	1/2	2,991	1/2	4,076	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	841	3/4	1,927	3/4	3,013	3/4	4,099	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	864	11	1,950	11	3,036	11	4,121	11		11		11	11	11	11	11	11	11	11
1/4	887	1/4	1,973	1/4	3,059	1/4	4,144	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	909	1/2	1,995	1/2	3,081	1/2	4,167	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	932	3/4	2,018	3/4	3,104	3/4	4,189	3/4		3/4		3/4	3/4	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 29650"

# 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3015"

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		0		0	4,615.58	0	4,289.17	0	3,961.65	0	3,632.34	0	3,303.04	0	2,973.74	0	2,644.43	0	2,315.13
1/4		1/4		1/4	4,608.89	1/4	4,282.35	1/4	3,954.79	1/4	3,625.48	1/4	3,296.18	1/4	2,966.88	1/4	2,637.57	1/4	2,308.27
1/2		1/2		1/2	4,602.17	1/2	4,275.53	1/2	3,947.93	1/2	3,618.62	1/2	3,289.32	1/2	2,960.02	1/2	2,630.71	1/2	2,301.41
3/4		3/4		3/4	4,595.46	3/4	4,268.71	3/4	3,941.07	3/4	3,611.76	3/4	3,282.46	3/4	2,953.15	3/4	2,623.85	3/4	2,294.55
1		1		1	4,588.74	1	4,261.89	1	3,934.21	1	3,604.90	1	3,275.60	1	2,946.29	1	2,616.99	1	2,287.69
1/4		1/4		1/4	4,582.02	1/4	4,255.07	1/4	3,927.35	1/4	3,598.04	1/4	3,268.74	1/4	2,939.43	1/4	2,610.13	1/4	2,280.83
1/2		1/2		1/2	4,575.28	1/2	4,248.25	1/2	3,920.49	1/2	3,591.18	1/2	3,261.88	1/2	2,932.57	1/2	2,603.27	1/2	2,273.97
3/4		3/4		3/4	4,568.53	3/4	4,241.43	3/4	3,913.63	3/4	3,584.32	3/4	3,255.02	3/4	2,925.71	3/4	2,596.41	3/4	2,267.10
2		2		2	4,561.79	2	4,234.60	2	3,906.76	2	3,577.46	2	3,248.16	2	2,918.85	2	2,589.55	2	2,260.24
1/4		1/4		1/4	4,555.04	1/4	4,227.78	1/4	3,899.90	1/4	3,570.60	1/4	3,241.30	1/4	2,911.99	1/4	2,582.69	1/4	2,253.38
1/2		1/2		1/2	4,548.27	1/2	4,220.96	1/2	3,893.04	1/2	3,563.74	1/2	3,234.44	1/2	2,905.13	1/2	2,575.83	1/2	2,246.52
3/4		3/4		3/4	4,541.51	3/4	4,214.14	3/4	3,886.18	3/4	3,556.88	3/4	3,227.57	3/4	2,898.27	3/4	2,568.97	3/4	2,239.66
3		3		3	4,534.74	3	4,207.32	3	3,879.32	3	3,550.02	3	3,220.71	3	2,891.41	3	2,562.11	3	2,232.80
1/4		1/4	4,774.31	1/4	4,527.97	1/4	4,200.50	1/4	3,872.46	1/4	3,543.16	1/4	3,213.85	1/4	2,884.55	1/4	2,555.25	1/4	2,225.94
1/2		1/2	4,773.55	1/2	4,521.15	1/2	4,193.68	1/2	3,865.60	1/2	3,536.30	1/2	3,206.99	1/2	2,877.69	1/2	2,548.39	1/2	2,219.08
3/4		3/4	4,772.80	3/4	4,514.33	3/4	4,186.86	3/4	3,858.74	3/4	3,529.44	3/4	3,200.13	3/4	2,870.83	3/4	2,541.52	3/4	2,212.22
4		4	4,772.04	4	4,507.50	4	4,180.04	4	3,851.88	4	3,522.58	4	3,193.27	4	2,863.97	4	2,534.66	4	2,205.36
1/4		1/4	4,771.28	1/4	4,500.68	1/4	4,173.22	1/4	3,845.02	1/4	3,515.72	1/4	3,186.41	1/4	2,857.11	1/4	2,527.80	1/4	2,198.50
1/2		1/2	4,769.41	1/2	4,493.86	1/2	4,166.40	1/2	3,838.16	1/2	3,508.86	1/2	3,179.55	1/2	2,850.25	1/2	2,520.94	1/2	2,191.64
3/4		3/4	4,767.53	3/4	4,487.03	3/4	4,159.58	3/4	3,831.30	3/4	3,501.99	3/4	3,172.69	3/4	2,843.39	3/4	2,514.08	3/4	2,184.78
5		5	4,765.66	5	4,480.21	5	4,152.75	5	3,824.44	5	3,495.13	5	3,165.83	5	2,836.53	5	2,507.22	5	2,177.92
1/4		1/4	4,763.78	1/4	4,473.38	1/4	4,145.93	1/4	3,817.58	1/4	3,488.27	1/4	3,158.97	1/4	2,829.67	1/4	2,500.36	1/4	2,171.06
1/2		1/2	4,760.79	1/2	4,466.56	1/2	4,139.11	1/2	3,810.72	1/2	3,481.41	1/2	3,152.11	1/2	2,822.81	1/2	2,493.50	1/2	2,164.20
3/4		3/4	4,757.79	3/4	4,459.74	3/4	4,132.29	3/4	3,803.86	3/4	3,474.55	3/4	3,145.25	3/4	2,815.94	3/4	2,486.64	3/4	2,157.34
6		6	4,754.80	6	4,452.91	6	4,125.47	6	3,797.00	6	3,467.69	6	3,138.39	6	2,809.08	6	2,479.78	6	2,150.48
1/4		1/4	4,751.80	1/4	4,446.09	1/4	4,118.65	1/4	3,790.14	1/4	3,460.83	1/4	3,131.53	1/4	2,802.22	1/4	2,472.92	1/4	2,143.62
1/2		1/2	4,747.69	1/2	4,439.27	1/2	4,111.83	1/2	3,783.28	1/2	3,453.97	1/2	3,124.67	1/2	2,795.36	1/2	2,466.06	1/2	2,136.76
3/4		3/4	4,743.58	3/4	4,432.45	3/4	4,105.01	3/4	3,776.42	3/4	3,447.11	3/4	3,117.81	3/4	2,788.50	3/4	2,459.20	3/4	2,129.89
7		7	4,739.46	7	4,425.62	7	4,098.18	7	3,769.55	7	3,440.25	7	3,110.95	7	2,781.64	7	2,452.34	7	2,123.03
1/4		1/4	4,735.35	1/4	4,418.80	1/4	4,091.36	1/4	3,762.69	1/4	3,433.39	1/4	3,104.09	1/4	2,774.78	1/4	2,445.48	1/4	2,116.17
1/2		1/2	4,730.12	1/2	4,411.98	1/2	4,084.54	1/2	3,755.83	1/2	3,426.53	1/2	3,097.23	1/2	2,767.92	1/2	2,438.62	1/2	2,109.31
3/4		3/4	4,724.89	3/4	4,405.15	3/4	4,077.72	3/4	3,748.97	3/4	3,419.67	3/4	3,090.36	3/4	2,761.06	3/4	2,431.76	3/4	2,102.45
8		8	4,719.66	8	4,398.33	8	4,070.90	8	3,742.11	8	3,412.81	8	3,083.50	8	2,754.20	8	2,424.90	8	2,095.59
1/4		1/4	4,714.43	1/4	4,391.50	1/4	4,064.08	1/4	3,735.25	1/4	3,405.95	1/4	3,076.64	1/4	2,747.34	1/4	2,418.04	1/4	2,088.73
1/2		1/2	4,708.08	1/2	4,384.68	1/2	4,057.26	1/2	3,728.39	1/2	3,399.09	1/2	3,069.78	1/2	2,740.48	1/2	2,411.18	1/2	2,081.87
3/4		3/4	4,701.73	3/4	4,377.86	3/4	4,050.44	3/4	3,721.53	3/4	3,392.23	3/4	3,062.92	3/4	2,733.62	3/4	2,404.31	3/4	2,075.01
9		9	4,695.38	9	4,371.03	9	4,043.62	9	3,714.67	9	3,385.37	9	3,056.06	9	2,726.76	9	2,397.45	9	2,068.15
1/4		1/4	4,689.03	1/4	4,364.21	1/4	4,036.80	1/4	3,707.81	1/4	3,378.51	1/4	3,049.20	1/4	2,719.90	1/4	2,390.59	1/4	2,061.29
1/2		1/2	4,682.36	1/2	4,357.39	1/2	4,029.98	1/2	3,700.95	1/2	3,371.65	1/2	3,042.34	1/2	2,713.04	1/2	2,383.73	1/2	2,054.43
3/4		3/4	4,675.68	3/4	4,350.57	3/4	4,023.16	3/4	3,694.09	3/4	3,364.78	3/4	3,035.48	3/4	2,706.18	3/4	2,376.87	3/4	2,047.57
10		10	4,669.01	10	4,343.74	10	4,016.33	10	3,687.23	10	3,357.92	10	3,028.62	10	2,699.32	10	2,370.01	10	2,040.71
1/4		1/4	4,662.33	1/4	4,336.92	1/4	4,009.51	1/4	3,680.37	1/4	3,351.06	1/4	3,021.76	1/4	2,692.46	1/4	2,363.15	1/4	2,033.85
1/2		1/2	4,655.66	1/2	4,330.10	1/2	4,002.69	1/2	3,673.51	1/2	3,344.20	1/2	3,014.90	1/2	2,685.60	1/2	2,356.29	1/2	2,026.99
3/4		3/4	4,649.00	3/4	4,323.28	3/4	3,995.87	3/4	3,666.65	3/4	3,337.34	3/4	3,008.04	3/4	2,678.73	3/4	2,349.43	3/4	2,020.13
11		11	4,642.33	11	4,316.45	11	3,989.05	11	3,659.79	11	3,330.48	11	3,001.18	11	2,671.87	11	2,342.57	11	2,013.27
1/4		1/4	4,635.66	1/4	4,309.63	1/4	3,982.23	1/4	3,652.93	1/4	3,323.62	1/4	2,994.32	1/4	2,665.01	1/4	2,335.71	1/4	2,006.41
1/2		1/2	4,628.97	1/2	4,302.81	1/2	3,975.37	1/2	3,646.07	1/2	3,316.76	1/2	2,987.46	1/2	2,658.15	1/2	2,328.85	1/2	1,999.55
3/4		3/4	4,622.28	3/4	4,295.99	3/4	3,968.51	3/4	3,639.20	3/4	3,309.90	3/4	2,980.60	3/4	2,651.29	3/4	2,321.99	3/4	1,992.68

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 29650"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3015"

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	1,985.82	0	1,656.52	0	1,327.22	0	997.91	0	668.70	0	315.98	0	29.41	0		0		0	
1/4	1,978.96	1/4	1,649.66	1/4	1,320.36	1/4	991.05	1/4	661.84	1/4	309.47	1/4	24.63	1/4	1/4	1/4		1/4	
1/2	1,972.10	1/2	1,642.80	1/2	1,313.50	1/2	984.19	1/2	654.98	1/2	303.03	1/2	21.26	1/2	1/2	1/2		1/2	
3/4	1,965.24	3/4	1,635.94	3/4	1,306.63	3/4	977.32	3/4	648.11	3/4	296.59	3/4	17.89	3/4	3/4	3/4		3/4	
1	1,958.38	1	1,629.08	1	1,299.77	1	970.46	1	641.25	1	290.15	1	14.52	1	1	1		1	
1/4	1,951.52	1/4	1,622.22	1/4	1,292.91	1/4	963.60	1/4	634.39	1/4	283.71	1/4	11.15	1/4	1/4	1/4		1/4	
1/2	1,944.66	1/2	1,615.36	1/2	1,286.05	1/2	956.74	1/2	627.53	1/2	277.35	1/2		1/2	1/2	1/2		1/2	
3/4	1,937.80	3/4	1,608.50	3/4	1,279.19	3/4	949.88	3/4	620.66	3/4	270.99	3/4		3/4	3/4	3/4		3/4	
2	1,930.94	2	1,601.64	2	1,272.33	2	943.02	2	613.80	2	264.63	2		2	2	2		2	
1/4	1,924.08	1/4	1,594.78	1/4	1,265.47	1/4	936.16	1/4	606.94	1/4	258.27	1/4		1/4	1/4	1/4		1/4	
1/2	1,917.22	1/2	1,587.92	1/2	1,258.61	1/2	929.30	1/2	600.08	1/2	251.98	1/2		1/2	1/2	1/2		1/2	
3/4	1,910.36	3/4	1,581.05	3/4	1,251.75	3/4	922.44	3/4	593.22	3/4	245.70	3/4		3/4	3/4	3/4		3/4	
3	1,903.50	3	1,574.19	3	1,244.89	3	915.58	3	586.36	3	239.41	3		3	3	3		3	
1/4	1,896.64	1/4	1,567.33	1/4	1,238.03	1/4	908.72	1/4	579.50	1/4	233.13	1/4		1/4	1/4	1/4		1/4	
1/2	1,889.78	1/2	1,560.47	1/2	1,231.17	1/2	901.86	1/2	572.64	1/2	226.92	1/2		1/2	1/2	1/2		1/2	
3/4	1,882.92	3/4	1,553.61	3/4	1,224.31	3/4	895.00	3/4	565.77	3/4	220.71	3/4		3/4	3/4	3/4		3/4	
4	1,876.06	4	1,546.75	4	1,217.45	4	888.15	4	558.91	4	214.51	4		4	4	4		4	
1/4	1,869.20	1/4	1,539.89	1/4	1,210.59	1/4	881.29	1/4	552.05	1/4	208.30	1/4		1/4	1/4	1/4		1/4	
1/2	1,862.34	1/2	1,533.03	1/2	1,203.73	1/2	874.43	1/2	545.22	1/2	202.17	1/2		1/2	1/2	1/2		1/2	
3/4	1,855.47	3/4	1,526.17	3/4	1,196.87	3/4	867.57	3/4	538.40	3/4	196.03	3/4		3/4	3/4	3/4		3/4	
5	1,848.61	5	1,519.31	5	1,190.01	5	860.72	5	531.57	5	189.90	5		5	5	5		5	
1/4	1,841.75	1/4	1,512.45	1/4	1,183.15	1/4	853.86	1/4	524.75	1/4	183.77	1/4		1/4	1/4	1/4		1/4	
1/2	1,834.89	1/2	1,505.59	1/2	1,176.29	1/2	847.00	1/2	517.93	1/2	177.72	1/2		1/2	1/2	1/2		1/2	
3/4	1,828.03	3/4	1,498.73	3/4	1,169.42	3/4	840.14	3/4	511.10	3/4	171.66	3/4		3/4	3/4	3/4		3/4	
6	1,821.17	6	1,491.87	6	1,162.56	6	833.29	6	504.28	6	165.61	6		6	6	6		6	
1/4	1,814.31	1/4	1,485.01	1/4	1,155.70	1/4	826.43	1/4	497.46	1/4	159.56	1/4		1/4	1/4	1/4		1/4	
1/2	1,807.45	1/2	1,478.15	1/2	1,148.84	1/2	819.57	1/2	490.63	1/2	153.59	1/2		1/2	1/2	1/2		1/2	
3/4	1,800.59	3/4	1,471.29	3/4	1,141.98	3/4	812.71	3/4	483.81	3/4	147.61	3/4		3/4	3/4	3/4		3/4	
7	1,793.73	7	1,464.43	7	1,135.12	7	805.86	7	476.98	7	141.64	7		7	7	7		7	
1/4	1,786.87	1/4	1,457.57	1/4	1,128.26	1/4	799.00	1/4	470.16	1/4	135.67	1/4		1/4	1/4	1/4		1/4	
1/2	1,780.01	1/2	1,450.71	1/2	1,121.40	1/2	792.14	1/2	463.33	1/2	129.78	1/2		1/2	1/2	1/2		1/2	
3/4	1,773.15	3/4	1,443.84	3/4	1,114.54	3/4	785.28	3/4	456.51	3/4	123.89	3/4		3/4	3/4	3/4		3/4	
8	1,766.29	8	1,436.98	8	1,107.68	8	778.43	8	449.69	8	118.01	8		8	8	8		8	
1/4	1,759.43	1/4	1,430.12	1/4	1,100.82	1/4	771.57	1/4	442.86	1/4	112.12	1/4		1/4	1/4	1/4		1/4	
1/2	1,752.57	1/2	1,423.26	1/2	1,093.96	1/2	764.71	1/2	436.03	1/2	106.32	1/2		1/2	1/2	1/2		1/2	
3/4	1,745.71	3/4	1,416.40	3/4	1,087.10	3/4	757.85	3/4	429.20	3/4	100.52	3/4		3/4	3/4	3/4		3/4	
9	1,738.85	9	1,409.54	9	1,080.24	9	750.99	9	422.37	9	94.73	9		9	9	9		9	
1/4	1,731.99	1/4	1,402.68	1/4	1,073.38	1/4	744.13	1/4	415.54	1/4	88.93	1/4		1/4	1/4	1/4		1/4	
1/2	1,725.13	1/2	1,395.82	1/2	1,066.52	1/2	737.27	1/2	408.71	1/2	83.23	1/2		1/2	1/2	1/2		1/2	
3/4	1,718.26	3/4	1,388.96	3/4	1,059.66	3/4	730.41	3/4	401.89	3/4	77.52	3/4		3/4	3/4	3/4		3/4	
10	1,711.40	10	1,382.10	10	1,052.80	10	723.56	10	395.06	10	71.82	10		10	10	10		10	
1/4	1,704.54	1/4	1,375.24	1/4	1,045.94	1/4	716.70	1/4	388.24	1/4	66.12	1/4		1/4	1/4	1/4		1/4	
1/2	1,697.68	1/2	1,368.38	1/2	1,039.08	1/2	709.84	1/2	381.42	1/2	60.53	1/2		1/2	1/2	1/2		1/2	
3/4	1,690.82	3/4	1,361.52	3/4	1,032.21	3/4	702.98	3/4	374.60	3/4	54.94	3/4		3/4	3/4	3/4		3/4	
11	1,683.96	11	1,354.66	11	1,025.35	11	696.13	11	367.78	11	49.36	11		11	11	11		11	
1/4	1,677.10	1/4	1,347.80	1/4	1,018.49	1/4	689.27	1/4	360.96	1/4	43.77	1/4		1/4	1/4	1/4		1/4	
1/2	1,670.24	1/2	1,340.94	1/2	1,011.63	1/2	682.41	1/2	354.14	1/2	38.18	1/2		1/2	1/2	1/2		1/2	
3/4	1,663.38	3/4	1,334.08	3/4	1,004.77	3/4	675.55	3/4	347.32	3/4	32.59	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 29650"

# 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3015"

GAUGE HEIGHT 16-01 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		0		0	4,629.62	0	4,303.88	0	3,976.52	0	3,647.15	0	3,317.79	0	2,988.42	0	2,659.05	0	2,329.69
1/4		1/4		1/4	4,622.94	1/4	4,297.06	1/4	3,969.66	1/4	3,640.29	1/4	3,310.93	1/4	2,981.55	1/4	2,652.19	1/4	2,322.82
1/2		1/2		1/2	4,616.26	1/2	4,290.24	1/2	3,962.79	1/2	3,633.42	1/2	3,304.06	1/2	2,974.69	1/2	2,645.33	1/2	2,315.96
3/4		3/4		3/4	4,609.58	3/4	4,283.42	3/4	3,955.93	3/4	3,626.56	3/4	3,297.20	3/4	2,967.83	3/4	2,638.47	3/4	2,309.10
1		1		1	4,602.87	1	4,276.60	1	3,949.07	1	3,619.70	1	3,290.34	1	2,960.97	1	2,631.61	1	2,302.24
1/4		1/4		1/4	4,596.17	1/4	4,269.78	1/4	3,942.21	1/4	3,612.84	1/4	3,283.48	1/4	2,954.10	1/4	2,624.74	1/4	2,295.37
1/2		1/2		1/2	4,589.46	1/2	4,262.96	1/2	3,935.34	1/2	3,605.98	1/2	3,276.61	1/2	2,947.24	1/2	2,617.88	1/2	2,288.51
3/4		3/4		3/4	4,582.75	3/4	4,256.14	3/4	3,928.48	3/4	3,599.12	3/4	3,269.75	3/4	2,940.38	3/4	2,611.02	3/4	2,281.65
2		2		2	4,576.02	2	4,249.32	2	3,921.62	2	3,592.26	2	3,262.89	2	2,933.52	2	2,604.16	2	2,274.79
1/4		1/4		1/4	4,569.29	1/4	4,242.51	1/4	3,914.76	1/4	3,585.40	1/4	3,256.03	1/4	2,926.66	1/4	2,597.29	1/4	2,267.92
1/2		1/2		1/2	4,562.55	1/2	4,235.69	1/2	3,907.90	1/2	3,578.53	1/2	3,249.16	1/2	2,919.80	1/2	2,590.43	1/2	2,261.06
3/4		3/4		3/4	4,555.82	3/4	4,228.87	3/4	3,901.04	3/4	3,571.67	3/4	3,242.30	3/4	2,912.94	3/4	2,583.57	3/4	2,254.20
3		3		3	4,549.06	3	4,222.05	3	3,894.18	3	3,564.81	3	3,235.44	3	2,906.08	3	2,576.71	3	2,247.34
1/4		1/4		1/4	4,542.31	1/4	4,215.23	1/4	3,887.32	1/4	3,557.95	1/4	3,228.58	1/4	2,899.21	1/4	2,569.84	1/4	2,240.48
1/2		1/2		1/2	4,535.55	1/2	4,208.41	1/2	3,880.45	1/2	3,551.08	1/2	3,221.72	1/2	2,892.35	1/2	2,562.98	1/2	2,233.62
3/4		3/4	4,774.59	3/4	4,528.79	3/4	4,201.59	3/4	3,873.59	3/4	3,544.22	3/4	3,214.86	3/4	2,885.49	3/4	2,556.12	3/4	2,226.76
4		4	4,773.83	4	4,521.98	4	4,194.77	4	3,866.73	4	3,537.36	4	3,208.00	4	2,878.63	4	2,549.26	4	2,219.90
1/4		1/4	4,773.08	1/4	4,515.16	1/4	4,187.95	1/4	3,859.87	1/4	3,530.50	1/4	3,201.14	1/4	2,871.76	1/4	2,542.40	1/4	2,213.03
1/2		1/2	4,772.32	1/2	4,508.35	1/2	4,181.13	1/2	3,853.00	1/2	3,523.64	1/2	3,194.27	1/2	2,864.90	1/2	2,535.54	1/2	2,206.17
3/4		3/4	4,771.56	3/4	4,501.53	3/4	4,174.31	3/4	3,846.14	3/4	3,516.78	3/4	3,187.41	3/4	2,858.04	3/4	2,528.68	3/4	2,199.31
5		5	4,769.69	5	4,494.72	5	4,167.49	5	3,839.28	5	3,509.92	5	3,180.55	5	2,851.18	5	2,521.82	5	2,192.45
1/4		1/4	4,767.81	1/4	4,487.90	1/4	4,160.68	1/4	3,832.42	1/4	3,503.06	1/4	3,173.69	1/4	2,844.32	1/4	2,514.95	1/4	2,185.58
1/2		1/2	4,765.94	1/2	4,481.09	1/2	4,153.86	1/2	3,825.56	1/2	3,496.19	1/2	3,166.82	1/2	2,837.46	1/2	2,508.09	1/2	2,178.72
3/4		3/4	4,764.06	3/4	4,474.27	3/4	4,147.04	3/4	3,818.70	3/4	3,489.33	3/4	3,159.96	3/4	2,830.60	3/4	2,501.23	3/4	2,171.86
6		6	4,761.07	6	4,467.46	6	4,140.22	6	3,811.84	6	3,482.47	6	3,153.10	6	2,823.74	6	2,494.37	6	2,165.00
1/4		1/4	4,758.07	1/4	4,460.64	1/4	4,133.40	1/4	3,804.98	1/4	3,475.61	1/4	3,146.24	1/4	2,816.87	1/4	2,487.50	1/4	2,158.14
1/2		1/2	4,755.08	1/2	4,453.83	1/2	4,126.58	1/2	3,798.11	1/2	3,468.74	1/2	3,139.38	1/2	2,810.01	1/2	2,480.64	1/2	2,151.28
3/4		3/4	4,752.08	3/4	4,447.01	3/4	4,119.76	3/4	3,791.25	3/4	3,461.88	3/4	3,132.52	3/4	2,803.15	3/4	2,473.78	3/4	2,144.42
7		7	4,747.97	7	4,440.20	7	4,112.94	7	3,784.39	7	3,455.02	7	3,125.66	7	2,796.29	7	2,466.92	7	2,137.56
1/4		1/4	4,743.86	1/4	4,433.38	1/4	4,106.12	1/4	3,777.53	1/4	3,448.16	1/4	3,118.79	1/4	2,789.42	1/4	2,460.06	1/4	2,130.69
1/2		1/2	4,739.74	1/2	4,426.57	1/2	4,099.30	1/2	3,770.66	1/2	3,441.29	1/2	3,111.93	1/2	2,782.56	1/2	2,453.20	1/2	2,123.83
3/4		3/4	4,735.63	3/4	4,419.75	3/4	4,092.48	3/4	3,763.80	3/4	3,434.43	3/4	3,105.07	3/4	2,775.70	3/4	2,446.34	3/4	2,116.97
8		8	4,730.40	8	4,412.94	8	4,085.66	8	3,756.94	8	3,427.57	8	3,098.21	8	2,768.84	8	2,439.48	8	2,110.11
1/4		1/4	4,725.17	1/4	4,406.12	1/4	4,078.85	1/4	3,750.08	1/4	3,420.71	1/4	3,091.34	1/4	2,761.97	1/4	2,432.61	1/4	2,103.24
1/2		1/2	4,719.93	1/2	4,399.31	1/2	4,072.03	1/2	3,743.21	1/2	3,413.85	1/2	3,084.48	1/2	2,755.11	1/2	2,425.75	1/2	2,096.38
3/4		3/4	4,714.70	3/4	4,392.49	3/4	4,065.21	3/4	3,736.35	3/4	3,406.99	3/4	3,077.62	3/4	2,748.25	3/4	2,418.89	3/4	2,089.52
9		9	4,708.39	9	4,385.68	9	4,058.39	9	3,729.49	9	3,400.13	9	3,070.76	9	2,741.39	9	2,412.03	9	2,082.66
1/4		1/4	4,702.07	1/4	4,378.86	1/4	4,051.57	1/4	3,722.63	1/4	3,393.27	1/4	3,063.89	1/4	2,734.53	1/4	2,405.16	1/4	2,075.79
1/2		1/2	4,695.76	1/2	4,372.05	1/2	4,044.75	1/2	3,715.77	1/2	3,386.40	1/2	3,057.03	1/2	2,727.67	1/2	2,398.30	1/2	2,068.93
3/4		3/4	4,689.44	3/4	4,365.23	3/4	4,037.93	3/4	3,708.91	3/4	3,379.54	3/4	3,050.17	3/4	2,720.81	3/4	2,391.44	3/4	2,062.07
10		10	4,682.81	10	4,358.42	10	4,031.11	10	3,702.05	10	3,372.68	10	3,043.31	10	2,713.95	10	2,384.58	10	2,055.21
1/4		1/4	4,676.18	1/4	4,351.60	1/4	4,024.29	1/4	3,695.19	1/4	3,365.82	1/4	3,036.45	1/4	2,707.08	1/4	2,377.71	1/4	2,048.35
1/2		1/2	4,669.55	1/2	4,344.79	1/2	4,017.47	1/2	3,688.32	1/2	3,358.95	1/2	3,029.59	1/2	2,700.22	1/2	2,370.85	1/2	2,041.49
3/4		3/4	4,662.92	3/4	4,337.97	3/4	4,010.65	3/4	3,681.46	3/4	3,352.09	3/4	3,022.73	3/4	2,693.36	3/4	2,363.99	3/4	2,034.63
11		11	4,656.27	11	4,331.15	11	4,003.83	11	3,674.60	11	3,345.23	11	3,015.87	11	2,686.50	11	2,357.13	11	2,027.77
1/4		1/4	4,649.61	1/4	4,324.34	1/4	3,997.02	1/4	3,667.74	1/4	3,338.37	1/4	3,009.00	1/4	2,679.63	1/4	2,350.27	1/4	2,020.90
1/2		1/2	4,642.96	1/2	4,317.52	1/2	3,990.20	1/2	3,660.87	1/2	3,331.51	1/2	3,002.14	1/2	2,672.77	1/2	2,343.41	1/2	2,014.04
3/4		3/4	4,636.30	3/4	4,310.70	3/4	3,983.38	3/4	3,654.01	3/4	3,324.65	3/4	2,995.28	3/4	2,665.91	3/4	2,336.55	3/4	2,007.18

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 29650"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3015"

GAUGE HEIGHT 16-01 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	2,000.32	0	1,670.95	0	1,341.59	0	1,012.22	0	683.14	0	329.07	0	34.03	0		0		0	
1/4	1,993.45	1/4	1,664.09	1/4	1,334.72	1/4	1,005.35	1/4	676.29	1/4	322.55	1/4	29.60	1/4	1/4	1/4		1/4	
1/2	1,986.59	1/2	1,657.23	1/2	1,327.86	1/2	998.49	1/2	669.43	1/2	316.04	1/2	25.17	1/2	1/2	1/2		1/2	
3/4	1,979.73	3/4	1,650.37	3/4	1,321.00	3/4	991.63	3/4	662.58	3/4	309.52	3/4	20.74	3/4	3/4	3/4		3/4	
1	1,972.87	1	1,643.51	1	1,314.14	1	984.77	1	655.72	1	303.08	1	17.72	1	1	1		1	
1/4	1,966.01	1/4	1,636.64	1/4	1,307.27	1/4	977.90	1/4	648.85	1/4	296.64	1/4	14.69	1/4	1/4	1/4		1/4	
1/2	1,959.15	1/2	1,629.78	1/2	1,300.41	1/2	971.04	1/2	641.99	1/2	290.20	1/2	11.67	1/2	1/2	1/2		1/2	
3/4	1,952.29	3/4	1,622.92	3/4	1,293.55	3/4	964.18	3/4	635.13	3/4	283.76	3/4	8.65	3/4	3/4	3/4		3/4	
2	1,945.43	2	1,616.06	2	1,286.69	2	957.32	2	628.26	2	275.82	2		2	2	2		2	
1/4	1,938.56	1/4	1,609.19	1/4	1,279.83	1/4	950.47	1/4	621.40	1/4	267.88	1/4		1/4	1/4	1/4		1/4	
1/2	1,931.70	1/2	1,602.33	1/2	1,272.97	1/2	943.61	1/2	614.53	1/2	259.94	1/2		1/2	1/2	1/2		1/2	
3/4	1,924.84	3/4	1,595.47	3/4	1,266.11	3/4	936.76	3/4	607.67	3/4	252.00	3/4		3/4	3/4	3/4		3/4	
3	1,917.98	3	1,588.61	3	1,259.25	3	929.90	3	600.81	3	245.73	3		3	3	3		3	
1/4	1,911.11	1/4	1,581.74	1/4	1,252.38	1/4	923.05	1/4	593.94	1/4	239.46	1/4		1/4	1/4	1/4		1/4	
1/2	1,904.25	1/2	1,574.88	1/2	1,245.52	1/2	916.19	1/2	587.08	1/2	233.20	1/2		1/2	1/2	1/2		1/2	
3/4	1,897.39	3/4	1,568.02	3/4	1,238.66	3/4	909.34	3/4	580.22	3/4	226.93	3/4		3/4	3/4	3/4		3/4	
4	1,890.53	4	1,561.16	4	1,231.80	4	902.48	4	573.35	4	220.74	4		4	4	4		4	
1/4	1,883.66	1/4	1,554.30	1/4	1,224.93	1/4	895.63	1/4	566.49	1/4	214.55	1/4		1/4	1/4	1/4		1/4	
1/2	1,876.80	1/2	1,547.44	1/2	1,218.07	1/2	888.77	1/2	559.62	1/2	208.36	1/2		1/2	1/2	1/2		1/2	
3/4	1,869.94	3/4	1,540.58	3/4	1,211.21	3/4	881.92	3/4	552.76	3/4	202.17	3/4		3/4	3/4	3/4		3/4	
5	1,863.08	5	1,533.72	5	1,204.35	5	875.06	5	545.90	5	196.06	5		5	5	5		5	
1/4	1,856.22	1/4	1,526.85	1/4	1,197.48	1/4	868.21	1/4	539.03	1/4	189.94	1/4		1/4	1/4	1/4		1/4	
1/2	1,849.36	1/2	1,519.99	1/2	1,190.62	1/2	861.35	1/2	532.17	1/2	183.83	1/2		1/2	1/2	1/2		1/2	
3/4	1,842.50	3/4	1,513.13	3/4	1,183.76	3/4	854.50	3/4	525.31	3/4	177.72	3/4		3/4	3/4	3/4		3/4	
6	1,835.64	6	1,506.27	6	1,176.90	6	847.65	6	518.44	6	171.69	6		6	6	6		6	
1/4	1,828.77	1/4	1,499.40	1/4	1,170.04	1/4	840.79	1/4	511.58	1/4	165.65	1/4		1/4	1/4	1/4		1/4	
1/2	1,821.91	1/2	1,492.54	1/2	1,163.18	1/2	833.94	1/2	504.71	1/2	159.62	1/2		1/2	1/2	1/2		1/2	
3/4	1,815.05	3/4	1,485.68	3/4	1,156.32	3/4	827.09	3/4	497.85	3/4	153.59	3/4		3/4	3/4	3/4		3/4	
7	1,808.19	7	1,478.82	7	1,149.46	7	820.23	7	490.99	7	147.64	7		7	7	7		7	
1/4	1,801.32	1/4	1,471.96	1/4	1,142.59	1/4	813.38	1/4	484.12	1/4	141.68	1/4		1/4	1/4	1/4		1/4	
1/2	1,794.46	1/2	1,465.10	1/2	1,135.73	1/2	806.52	1/2	477.26	1/2	135.73	1/2		1/2	1/2	1/2		1/2	
3/4	1,787.60	3/4	1,458.24	3/4	1,128.87	3/4	799.67	3/4	470.40	3/4	129.78	3/4		3/4	3/4	3/4		3/4	
8	1,780.74	8	1,451.38	8	1,122.01	8	792.81	8	465.71	8	123.91	8		8	8	8		8	
1/4	1,773.88	1/4	1,444.51	1/4	1,115.14	1/4	785.96	1/4	443.02	1/4	118.04	1/4		1/4	1/4	1/4		1/4	
1/2	1,767.02	1/2	1,437.65	1/2	1,108.28	1/2	779.10	1/2	429.33	1/2	112.18	1/2		1/2	1/2	1/2		1/2	
3/4	1,760.16	3/4	1,430.79	3/4	1,101.42	3/4	772.25	3/4	415.64	3/4	106.31	3/4		3/4	3/4	3/4		3/4	
9	1,753.30	9	1,423.93	9	1,094.56	9	765.39	9	408.89	9	100.53	9		9	9	9		9	
1/4	1,746.43	1/4	1,417.06	1/4	1,087.70	1/4	758.54	1/4	402.14	1/4	94.76	1/4		1/4	1/4	1/4		1/4	
1/2	1,739.57	1/2	1,410.20	1/2	1,080.84	1/2	751.68	1/2	395.40	1/2	88.98	1/2		1/2	1/2	1/2		1/2	
3/4	1,732.71	3/4	1,403.34	3/4	1,073.98	3/4	744.83	3/4	388.65	3/4	83.21	3/4		3/4	3/4	3/4		3/4	
10	1,725.85	10	1,396.48	10	1,067.12	10	737.98	10	381.98	10	77.53	10		10	10	10		10	
1/4	1,718.98	1/4	1,389.61	1/4	1,060.25	1/4	731.12	1/4	375.31	1/4	71.85	1/4		1/4	1/4	1/4		1/4	
1/2	1,712.12	1/2	1,382.75	1/2	1,053.39	1/2	724.27	1/2	368.64	1/2	66.18	1/2		1/2	1/2	1/2		1/2	
3/4	1,705.26	3/4	1,375.89	3/4	1,046.53	3/4	717.42	3/4	361.97	3/4	60.50	3/4		3/4	3/4	3/4		3/4	
11	1,698.40	11	1,369.03	11	1,039.67	11	710.56	11	355.37	11	54.99	11		11	11	11		11	
1/4	1,691.53	1/4	1,362.17	1/4	1,032.80	1/4	703.71	1/4	348.78	1/4	49.48	1/4		1/4	1/4	1/4		1/4	
1/2	1,684.67	1/2	1,355.31	1/2	1,025.94	1/2	696.85	1/2	342.18	1/2	43.97	1/2		1/2	1/2	1/2		1/2	
3/4	1,677.81	3/4	1,348.45	3/4	1,019.08	3/4	690.00	3/4	335.59	3/4	38.46	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 29650"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3015"

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	IN	0
1/4		1/4		1/4	4,942.71	1/4	4,594.05	1/4	4,244.78	1/4	3,894.01	1/4	3,543.24	1/4	3,192.47	1/4	2,841.68	1/4	2,490.80		
1/2		1/2		1/2	4,935.55	1/2	4,586.78	1/2	4,237.47	1/2	3,886.70	1/2	3,535.93	1/2	3,185.16	1/2	2,834.37	1/2	2,483.49		
3/4		3/4		3/4	4,928.33	3/4	4,579.51	3/4	4,230.16	3/4	3,879.39	3/4	3,528.62	3/4	3,177.85	3/4	2,827.06	3/4	2,476.18		
1	1	1	1	1	4,921.10	1	4,572.23	1	4,222.85	1	3,872.08	1	3,521.31	1	3,170.54	1	2,819.75	1	2,468.87		
1/4		1/4		1/4	4,913.88	1/4	4,564.96	1/4	4,215.55	1/4	3,864.78	1/4	3,514.01	1/4	3,163.24	1/4	2,812.44	1/4	2,461.56		
1/2		1/2		1/2	4,906.65	1/2	4,557.69	1/2	4,208.24	1/2	3,857.47	1/2	3,506.70	1/2	3,155.93	1/2	2,805.13	1/2	2,454.25		
3/4		3/4		3/4	4,899.40	3/4	4,550.42	3/4	4,200.93	3/4	3,850.16	3/4	3,499.39	3/4	3,148.62	3/4	2,797.82	3/4	2,446.94		
2	2	2	2	2	4,892.15	2	4,543.15	2	4,193.62	2	3,842.85	2	3,492.08	2	3,141.32	2	2,790.51	2	2,439.63		
1/4		1/4		1/4	4,884.89	1/4	4,535.88	1/4	4,186.32	1/4	3,835.55	1/4	3,484.78	1/4	3,134.01	1/4	2,783.20	1/4	2,432.32		
1/2		1/2	5,139.84	1/2	4,877.64	1/2	4,528.61	1/2	4,179.01	1/2	3,828.24	1/2	3,477.47	1/2	3,126.70	1/2	2,775.89	1/2	2,425.01		
3/4		3/4	5,139.04	3/4	4,870.37	3/4	4,521.34	3/4	4,171.70	3/4	3,820.93	3/4	3,470.16	3/4	3,119.39	3/4	2,768.58	3/4	2,417.70		
3	3	3	5,138.24	3	4,863.10	3	4,514.06	3	4,164.39	3	3,813.62	3	3,462.85	3	3,112.09	3	2,761.27	3	2,410.39		
1/4		1/4	5,137.43	1/4	4,855.82	1/4	4,506.79	1/4	4,157.09	1/4	3,806.32	1/4	3,455.55	1/4	3,104.78	1/4	2,753.96	1/4	2,403.08		
1/2		1/2	5,136.63	1/2	4,848.55	1/2	4,499.52	1/2	4,149.78	1/2	3,799.01	1/2	3,448.24	1/2	3,097.47	1/2	2,746.65	1/2	2,395.77		
3/4		3/4	5,134.64	3/4	4,841.28	3/4	4,492.25	3/4	4,142.47	3/4	3,791.70	3/4	3,440.93	3/4	3,090.16	3/4	2,739.34	3/4	2,388.46		
4	4	4	5,132.65	4	4,834.01	4	4,484.98	4	4,135.16	4	3,784.39	4	3,433.62	4	3,082.86	4	2,732.03	4	2,381.16		
1/4		1/4	5,130.65	1/4	4,826.73	1/4	4,477.71	1/4	4,127.86	1/4	3,777.09	1/4	3,426.32	1/4	3,075.55	1/4	2,724.72	1/4	2,373.85		
1/2		1/2	5,128.66	1/2	4,819.46	1/2	4,470.44	1/2	4,120.55	1/2	3,769.78	1/2	3,419.01	1/2	3,068.24	1/2	2,717.41	1/2	2,366.54		
3/4		3/4	5,125.48	3/4	4,812.19	3/4	4,463.17	3/4	4,113.24	3/4	3,762.47	3/4	3,411.70	3/4	3,060.93	3/4	2,710.10	3/4	2,359.23		
5	5	5	5,122.29	5	4,804.91	5	4,455.90	5	4,105.93	5	3,755.16	5	3,404.39	5	3,053.63	5	2,702.79	5	2,351.92		
1/4		1/4	5,119.11	1/4	4,797.64	1/4	4,448.63	1/4	4,098.63	1/4	3,747.86	1/4	3,397.09	1/4	3,046.32	1/4	2,695.48	1/4	2,344.61		
1/2		1/2	5,115.92	1/2	4,790.36	1/2	4,441.36	1/2	4,091.32	1/2	3,740.55	1/2	3,389.78	1/2	3,039.01	1/2	2,688.17	1/2	2,337.30		
3/4		3/4	5,111.54	3/4	4,783.09	3/4	4,434.09	3/4	4,084.01	3/4	3,733.24	3/4	3,382.47	3/4	3,031.70	3/4	2,680.86	3/4	2,329.99		
6	6	6	5,107.17	6	4,775.82	6	4,426.81	6	4,076.70	6	3,725.93	6	3,375.16	6	3,024.40	6	2,673.55	6	2,322.68		
1/4		1/4	5,102.79	1/4	4,768.55	1/4	4,419.54	1/4	4,069.40	1/4	3,718.63	1/4	3,367.86	1/4	3,017.09	1/4	2,666.24	1/4	2,315.37		
1/2		1/2	5,098.41	1/2	4,761.28	1/2	4,412.27	1/2	4,062.09	1/2	3,711.32	1/2	3,360.55	1/2	3,009.78	1/2	2,658.93	1/2	2,308.06		
3/4		3/4	5,092.85	3/4	4,754.01	3/4	4,405.00	3/4	4,054.78	3/4	3,704.01	3/4	3,353.24	3/4	3,002.47	3/4	2,651.62	3/4	2,300.75		
7	7	7	5,087.28	7	4,746.74	7	4,397.73	7	4,047.47	7	3,696.70	7	3,345.93	7	2,995.17	7	2,644.31	7	2,293.44		
1/4		1/4	5,081.72	1/4	4,739.47	1/4	4,390.46	1/4	4,040.17	1/4	3,689.40	1/4	3,338.63	1/4	2,987.86	1/4	2,637.00	1/4	2,286.13		
1/2		1/2	5,076.15	1/2	4,732.20	1/2	4,383.19	1/2	4,032.86	1/2	3,682.09	1/2	3,331.32	1/2	2,980.55	1/2	2,629.69	1/2	2,278.82		
3/4		3/4	5,069.43	3/4	4,724.93	3/4	4,375.92	3/4	4,025.55	3/4	3,674.78	3/4	3,324.01	3/4	2,973.24	3/4	2,622.38	3/4	2,271.51		
8	8	8	5,062.71	8	4,717.66	8	4,368.64	8	4,018.24	8	3,667.47	8	3,316.70	8	2,965.94	8	2,615.07	8	2,264.20		
1/4		1/4	5,055.98	1/4	4,710.38	1/4	4,361.37	1/4	4,010.94	1/4	3,660.17	1/4	3,309.40	1/4	2,958.63	1/4	2,607.76	1/4	2,256.89		
1/2		1/2	5,049.26	1/2	4,703.11	1/2	4,354.10	1/2	4,003.63	1/2	3,652.86	1/2	3,302.09	1/2	2,951.32	1/2	2,600.45	1/2	2,249.58		
3/4		3/4	5,042.20	3/4	4,695.84	3/4	4,346.83	3/4	3,996.32	3/4	3,645.55	3/4	3,294.78	3/4	2,944.01	3/4	2,593.14	3/4	2,242.27		
9	9	9	5,035.14	9	4,688.57	9	4,339.56	9	3,989.01	9	3,638.24	9	3,287.47	9	2,936.71	9	2,585.83	9	2,234.96		
1/4		1/4	5,028.07	1/4	4,681.30	1/4	4,332.29	1/4	3,981.71	1/4	3,630.94	1/4	3,280.17	1/4	2,929.40	1/4	2,578.52	1/4	2,227.65		
1/2		1/2	5,021.01	1/2	4,674.03	1/2	4,325.02	1/2	3,974.40	1/2	3,623.63	1/2	3,272.86	1/2	2,922.09	1/2	2,571.21	1/2	2,220.34		
3/4		3/4	5,013.92	3/4	4,666.76	3/4	4,317.75	3/4	3,967.09	3/4	3,616.32	3/4	3,265.55	3/4	2,914.78	3/4	2,563.90	3/4	2,213.03		
10	10	10	5,006.83	10	4,659.49	10	4,310.48	10	3,959.78	10	3,609.01	10	3,258.24	10	2,907.47	10	2,556.59	10	2,205.72		
1/4		1/4	4,999.74	1/4	4,652.21	1/4	4,303.21	1/4	3,952.48	1/4	3,601.71	1/4	3,250.94	1/4	2,900.16	1/4	2,549.28	1/4	2,198.41		
1/2		1/2	4,992.65	1/2	4,644.94	1/2	4,295.94	1/2	3,945.17	1/2	3,594.40	1/2	3,243.63	1/2	2,892.85	1/2	2,541.97	1/2	2,191.10		
3/4		3/4	4,985.53	3/4	4,637.67	3/4	4,288.63	3/4	3,937.86	3/4	3,587.09	3/4	3,236.32	3/4	2,885.54	3/4	2,534.66	3/4	2,183.79		
11	11	11	4,978.42	11	4,630.40	11	4,281.32	11	3,930.55	11	3,579.78	11	3,229.01	11	2,878.23	11	2,527.35	11	2,176.48		
1/4		1/4	4,971.30	1/4	4,623.13	1/4	4,274.01	1/4	3,923.24	1/4	3,572.48	1/4	3,221.71	1/4	2,870.92	1/4	2,520.04	1/4	2,169.17		
1/2		1/2	4,964.18	1/2	4,615.86	1/2	4,266.70	1/2	3,915.93	1/2	3,565.17	1/2	3,214.40	1/2	2,863.61	1/2	2,512.73	1/2	2,161.86		
3/4		3/4	4,957.02	3/4	4,608.59	3/4	4,259.39	3/4	3,908.62	3/4	3,557.86	3/4	3,207.09	3/4	2,856.30	3/4	2,505.42	3/4	2,154.55		

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



# BARGE "CTC 29650"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3015"

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	2,147.24	0	1,796.36	0	1,445.49	0	1,094.62	0	743.94	0	393.08	0	45.18	0		0		0	
1/4	2,139.93	1/4	1,789.05	1/4	1,438.18	1/4	1,087.31	1/4	736.63	1/4	385.77	1/4	38.93	1/4		1/4		1/4	
1/2	2,132.62	1/2	1,781.74	1/2	1,430.87	1/2	1,080.00	1/2	729.32	1/2	378.46	1/2	32.67	1/2		1/2		1/2	
3/4	2,125.31	3/4	1,774.43	3/4	1,423.56	3/4	1,072.69	3/4	722.01	3/4	371.15	3/4	28.21	3/4		3/4		3/4	
1	2,118.00	1	1,767.12	1	1,416.25	1	1,065.38	1	714.70	1	363.84	1	23.74	1		1		1	
1/4	2,110.69	1/4	1,759.81	1/4	1,408.94	1/4	1,058.07	1/4	707.39	1/4	356.53	1/4	19.28	1/4		1/4		1/4	
1/2	2,103.38	1/2	1,752.50	1/2	1,401.63	1/2	1,050.76	1/2	700.08	1/2	349.22	1/2	14.81	1/2		1/2		1/2	
3/4	2,096.07	3/4	1,745.19	3/4	1,394.32	3/4	1,043.46	3/4	692.77	3/4	341.91	3/4		3/4		3/4		3/4	
2	2,088.76	2	1,737.88	2	1,387.01	2	1,036.15	2	685.46	2	334.60	2		2		2		2	
1/4	2,081.45	1/4	1,730.57	1/4	1,379.70	1/4	1,028.85	1/4	678.15	1/4	327.29	1/4		1/4		1/4		1/4	
1/2	2,074.14	1/2	1,723.26	1/2	1,372.39	1/2	1,021.54	1/2	670.84	1/2	319.98	1/2		1/2		1/2		1/2	
3/4	2,066.83	3/4	1,715.95	3/4	1,365.08	3/4	1,014.24	3/4	663.53	3/4	312.67	3/4		3/4		3/4		3/4	
3	2,059.52	3	1,708.64	3	1,357.77	3	1,006.93	3	656.22	3	305.36	3		3		3		3	
1/4	2,052.21	1/4	1,701.33	1/4	1,350.46	1/4	999.63	1/4	648.91	1/4	298.05	1/4		1/4		1/4		1/4	
1/2	2,044.90	1/2	1,694.02	1/2	1,343.15	1/2	992.32	1/2	641.60	1/2	290.74	1/2		1/2		1/2		1/2	
3/4	2,037.59	3/4	1,686.71	3/4	1,335.84	3/4	985.02	3/4	634.29	3/4	283.43	3/4		3/4		3/4		3/4	
4	2,030.28	4	1,679.40	4	1,328.53	4	977.71	4	626.99	4	276.13	4		4		4		4	
1/4	2,022.97	1/4	1,672.09	1/4	1,321.22	1/4	970.41	1/4	619.68	1/4	268.82	1/4		1/4		1/4		1/4	
1/2	2,015.66	1/2	1,664.78	1/2	1,313.91	1/2	963.10	1/2	612.37	1/2	261.51	1/2		1/2		1/2		1/2	
3/4	2,008.35	3/4	1,657.47	3/4	1,306.60	3/4	955.80	3/4	605.06	3/4	254.20	3/4		3/4		3/4		3/4	
5	2,001.04	5	1,650.17	5	1,299.29	5	948.49	5	597.75	5	246.89	5		5		5		5	
1/4	1,993.73	1/4	1,642.86	1/4	1,291.98	1/4	941.19	1/4	590.44	1/4	239.58	1/4		1/4		1/4		1/4	
1/2	1,986.42	1/2	1,635.55	1/2	1,284.67	1/2	933.88	1/2	583.13	1/2	232.27	1/2		1/2		1/2		1/2	
3/4	1,979.11	3/4	1,628.24	3/4	1,277.36	3/4	926.58	3/4	575.82	3/4	224.96	3/4		3/4		3/4		3/4	
6	1,971.80	6	1,620.93	6	1,270.05	6	919.27	6	568.51	6	217.65	6		6		6		6	
1/4	1,964.49	1/4	1,613.62	1/4	1,262.74	1/4	911.97	1/4	561.20	1/4	210.34	1/4		1/4		1/4		1/4	
1/2	1,957.18	1/2	1,606.31	1/2	1,255.43	1/2	904.66	1/2	553.89	1/2	203.03	1/2		1/2		1/2		1/2	
3/4	1,949.87	3/4	1,599.00	3/4	1,248.12	3/4	897.36	3/4	546.58	3/4	195.73	3/4		3/4		3/4		3/4	
7	1,942.56	7	1,591.69	7	1,240.81	7	890.05	7	539.27	7	188.43	7		7		7		7	
1/4	1,935.25	1/4	1,584.38	1/4	1,233.50	1/4	882.75	1/4	531.96	1/4	181.12	1/4		1/4		1/4		1/4	
1/2	1,927.94	1/2	1,577.07	1/2	1,226.19	1/2	875.44	1/2	524.65	1/2	173.82	1/2		1/2		1/2		1/2	
3/4	1,920.63	3/4	1,569.76	3/4	1,218.88	3/4	868.14	3/4	517.34	3/4	166.53	3/4		3/4		3/4		3/4	
8	1,913.32	8	1,562.45	8	1,211.57	8	860.83	8	510.03	8	159.23	8		8		8		8	
1/4	1,906.01	1/4	1,555.14	1/4	1,204.26	1/4	853.53	1/4	502.72	1/4	151.94	1/4		1/4		1/4		1/4	
1/2	1,898.70	1/2	1,547.83	1/2	1,196.95	1/2	846.22	1/2	495.41	1/2	144.64	1/2		1/2		1/2		1/2	
3/4	1,891.39	3/4	1,540.52	3/4	1,189.64	3/4	838.92	3/4	488.10	3/4	137.36	3/4		3/4		3/4		3/4	
9	1,884.08	9	1,533.21	9	1,182.33	9	831.61	9	480.79	9	130.08	9		9		9		9	
1/4	1,876.77	1/4	1,525.90	1/4	1,175.02	1/4	824.31	1/4	473.48	1/4	122.80	1/4		1/4		1/4		1/4	
1/2	1,869.46	1/2	1,518.59	1/2	1,167.71	1/2	817.00	1/2	466.17	1/2	115.52	1/2		1/2		1/2		1/2	
3/4	1,862.15	3/4	1,511.28	3/4	1,160.40	3/4	809.70	3/4	458.86	3/4	108.27	3/4		3/4		3/4		3/4	
10	1,854.84	10	1,503.97	10	1,153.09	10	802.39	10	451.56	10	101.02	10		10		10		10	
1/4	1,847.53	1/4	1,496.66	1/4	1,145.78	1/4	795.09	1/4	444.25	1/4	93.76	1/4		1/4		1/4		1/4	
1/2	1,840.22	1/2	1,489.35	1/2	1,138.47	1/2	787.78	1/2	436.94	1/2	86.51	1/2		1/2		1/2		1/2	
3/4	1,832.91	3/4	1,482.04	3/4	1,131.16	3/4	780.47	3/4	429.63	3/4	79.31	3/4		3/4		3/4		3/4	
11	1,825.60	11	1,474.73	11	1,123.85	11	773.17	11	422.32	11	72.10	11		11		11		11	
1/4	1,818.29	1/4	1,467.42	1/4	1,116.54	1/4	765.86	1/4	415.01	1/4	64.90	1/4		1/4		1/4		1/4	
1/2	1,810.98	1/2	1,460.11	1/2	1,109.23	1/2	758.55	1/2	407.70	1/2	57.69	1/2		1/2		1/2		1/2	
3/4	1,803.67	3/4	1,452.80	3/4	1,101.92	3/4	751.24	3/4	400.39	3/4	51.44	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 29650"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3015"

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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	4,948.71	0	4,600.14	0	4,250.90	0	3,900.11	0	3,549.32	0	3,198.53	0	2,847.72	0	2,496.83
1/4		1/4		1/4	4,941.55	1/4	4,592.87	1/4	4,243.59	1/4	3,892.80	1/4	3,542.02	1/4	3,191.23	1/4	2,840.41	1/4	2,489.52
1/2		1/2		1/2	4,934.39	1/2	4,585.60	1/2	4,236.28	1/2	3,885.49	1/2	3,534.71	1/2	3,183.92	1/2	2,833.10	1/2	2,482.21
3/4		3/4		3/4	4,927.17	3/4	4,578.33	3/4	4,228.97	3/4	3,878.18	3/4	3,527.40	3/4	3,176.61	3/4	2,825.79	3/4	2,474.90
1		1		1	4,919.94	1	4,571.05	1	4,221.66	1	3,870.87	1	3,520.09	1	3,169.30	1	2,818.48	1	2,467.59
1/4		1/4		1/4	4,912.72	1/4	4,563.78	1/4	4,214.36	1/4	3,863.57	1/4	3,512.78	1/4	3,161.99	1/4	2,811.17	1/4	2,460.28
1/2		1/2		1/2	4,905.49	1/2	4,556.51	1/2	4,207.05	1/2	3,856.26	1/2	3,505.47	1/2	3,154.68	1/2	2,803.86	1/2	2,452.97
3/4		3/4		3/4	4,898.24	3/4	4,549.24	3/4	4,199.74	3/4	3,848.95	3/4	3,498.16	3/4	3,147.37	3/4	2,796.55	3/4	2,445.66
2		2		2	4,890.98	2	4,541.97	2	4,192.43	2	3,841.64	2	3,490.85	2	3,140.06	2	2,789.24	2	2,438.35
1/4		1/4		1/4	4,883.72	1/4	4,534.70	1/4	4,185.13	1/4	3,834.34	1/4	3,483.55	1/4	3,132.76	1/4	2,781.93	1/4	2,431.03
1/2		1/2	5,138.69	1/2	4,876.47	1/2	4,527.43	1/2	4,177.82	1/2	3,827.03	1/2	3,476.24	1/2	3,125.45	1/2	2,774.62	1/2	2,423.72
3/4		3/4	5,137.89	3/4	4,869.20	3/4	4,520.16	3/4	4,170.51	3/4	3,819.72	3/4	3,468.93	3/4	3,118.14	3/4	2,767.31	3/4	2,416.41
3		3	5,137.09	3	4,861.92	3	4,512.88	3	4,163.20	3	3,812.41	3	3,461.62	3	3,110.83	3	2,760.00	3	2,409.10
1/4		1/4	5,136.28	1/4	4,854.65	1/4	4,505.61	1/4	4,155.90	1/4	3,805.11	1/4	3,454.32	1/4	3,103.53	1/4	2,752.69	1/4	2,401.79
1/2		1/2	5,135.48	1/2	4,847.38	1/2	4,498.34	1/2	4,148.59	1/2	3,797.80	1/2	3,447.01	1/2	3,096.22	1/2	2,745.38	1/2	2,394.48
3/4		3/4	5,133.49	3/4	4,840.11	3/4	4,491.07	3/4	4,141.28	3/4	3,790.49	3/4	3,439.70	3/4	3,088.91	3/4	2,738.07	3/4	2,387.17
4		4	5,131.49	4	4,832.83	4	4,483.80	4	4,133.97	4	3,783.18	4	3,432.39	4	3,081.60	4	2,730.76	4	2,379.86
1/4		1/4	5,129.50	1/4	4,825.56	1/4	4,476.53	1/4	4,126.66	1/4	3,775.87	1/4	3,425.09	1/4	3,074.30	1/4	2,723.45	1/4	2,372.55
1/2		1/2	5,127.50	1/2	4,818.29	1/2	4,469.26	1/2	4,119.35	1/2	3,768.56	1/2	3,417.78	1/2	3,066.99	1/2	2,716.14	1/2	2,365.24
3/4		3/4	5,124.32	3/4	4,811.02	3/4	4,461.99	3/4	4,112.04	3/4	3,761.25	3/4	3,410.47	3/4	3,059.68	3/4	2,708.83	3/4	2,357.93
5		5	5,121.13	5	4,803.74	5	4,454.71	5	4,104.73	5	3,753.94	5	3,403.16	5	3,052.37	5	2,701.52	5	2,350.62
1/4		1/4	5,117.95	1/4	4,796.47	1/4	4,447.44	1/4	4,097.43	1/4	3,746.64	1/4	3,395.85	1/4	3,045.06	1/4	2,694.21	1/4	2,343.31
1/2		1/2	5,114.76	1/2	4,789.20	1/2	4,440.17	1/2	4,090.12	1/2	3,739.33	1/2	3,388.54	1/2	3,037.75	1/2	2,686.90	1/2	2,336.00
3/4		3/4	5,110.39	3/4	4,781.93	3/4	4,432.90	3/4	4,082.81	3/4	3,732.02	3/4	3,381.23	3/4	3,030.44	3/4	2,679.59	3/4	2,328.69
6		6	5,106.01	6	4,774.65	6	4,425.63	6	4,075.50	6	3,724.71	6	3,373.92	6	3,023.13	6	2,672.28	6	2,321.38
1/4		1/4	5,101.64	1/4	4,767.38	1/4	4,418.36	1/4	4,068.20	1/4	3,717.41	1/4	3,366.62	1/4	3,015.83	1/4	2,664.96	1/4	2,314.07
1/2		1/2	5,097.26	1/2	4,760.11	1/2	4,411.09	1/2	4,060.89	1/2	3,710.10	1/2	3,359.31	1/2	3,008.52	1/2	2,657.65	1/2	2,306.76
3/4		3/4	5,091.69	3/4	4,752.84	3/4	4,403.82	3/4	4,053.58	3/4	3,702.79	3/4	3,352.00	3/4	3,001.21	3/4	2,650.34	3/4	2,299.45
7		7	5,086.13	7	4,745.57	7	4,396.54	7	4,046.27	7	3,695.48	7	3,344.69	7	2,993.90	7	2,643.03	7	2,292.14
1/4		1/4	5,080.56	1/4	4,738.30	1/4	4,389.27	1/4	4,038.97	1/4	3,688.18	1/4	3,337.39	1/4	2,986.60	1/4	2,635.72	1/4	2,284.83
1/2		1/2	5,074.99	1/2	4,731.03	1/2	4,382.00	1/2	4,031.66	1/2	3,680.87	1/2	3,330.08	1/2	2,979.29	1/2	2,628.41	1/2	2,277.52
3/4		3/4	5,068.27	3/4	4,723.76	3/4	4,374.73	3/4	4,024.35	3/4	3,673.56	3/4	3,322.77	3/4	2,971.98	3/4	2,621.10	3/4	2,270.21
8		8	5,061.55	8	4,716.48	8	4,367.46	8	4,017.04	8	3,666.25	8	3,315.46	8	2,964.67	8	2,613.79	8	2,262.90
1/4		1/4	5,054.83	1/4	4,709.21	1/4	4,360.19	1/4	4,009.73	1/4	3,658.94	1/4	3,308.16	1/4	2,957.37	1/4	2,606.48	1/4	2,255.59
1/2		1/2	5,048.11	1/2	4,701.94	1/2	4,352.92	1/2	4,002.42	1/2	3,651.63	1/2	3,300.85	1/2	2,950.06	1/2	2,599.17	1/2	2,248.28
3/4		3/4	5,041.05	3/4	4,694.67	3/4	4,345.65	3/4	3,995.11	3/4	3,644.32	3/4	3,293.54	3/4	2,942.75	3/4	2,591.86	3/4	2,240.97
9		9	5,033.99	9	4,687.40	9	4,338.37	9	3,987.80	9	3,637.01	9	3,286.23	9	2,935.44	9	2,584.55	9	2,233.66
1/4		1/4	5,026.92	1/4	4,680.13	1/4	4,331.10	1/4	3,980.50	1/4	3,629.71	1/4	3,278.92	1/4	2,928.13	1/4	2,577.24	1/4	2,226.35
1/2		1/2	5,019.86	1/2	4,672.86	1/2	4,323.83	1/2	3,973.19	1/2	3,622.40	1/2	3,271.61	1/2	2,920.82	1/2	2,569.93	1/2	2,219.04
3/4		3/4	5,012.77	3/4	4,665.59	3/4	4,316.56	3/4	3,965.88	3/4	3,615.09	3/4	3,264.30	3/4	2,913.51	3/4	2,562.62	3/4	2,211.73
10		10	5,005.68	10	4,658.31	10	4,309.29	10	3,958.57	10	3,607.78	10	3,256.99	10	2,906.20	10	2,555.31	10	2,204.42
1/4		1/4	4,998.58	1/4	4,651.04	1/4	4,302.02	1/4	3,951.27	1/4	3,600.48	1/4	3,249.69	1/4	2,898.89	1/4	2,548.00	1/4	2,197.10
1/2		1/2	4,991.49	1/2	4,643.77	1/2	4,294.75	1/2	3,943.96	1/2	3,593.17	1/2	3,242.38	1/2	2,891.58	1/2	2,540.69	1/2	2,189.79
3/4		3/4	4,984.37	3/4	4,636.50	3/4	4,287.44	3/4	3,936.65	3/4	3,585.86	3/4	3,235.07	3/4	2,884.27	3/4	2,533.38	3/4	2,182.48
11		11	4,977.26	11	4,629.22	11	4,280.13	11	3,929.34	11	3,578.55	11	3,227.76	11	2,876.96	11	2,526.07	11	2,175.17
1/4		1/4	4,970.14	1/4	4,621.95	1/4	4,272.83	1/4	3,922.04	1/4	3,571.25	1/4	3,220.46	1/4	2,869.65	1/4	2,518.76	1/4	2,167.86
1/2		1/2	4,963.02	1/2	4,614.68	1/2	4,265.52	1/2	3,914.73	1/2	3,563.94	1/2	3,213.15	1/2	2,862.34	1/2	2,511.45	1/2	2,160.55
3/4		3/4	4,955.86	3/4	4,607.41	3/4	4,258.21	3/4	3,907.42	3/4	3,556.63	3/4	3,205.84	3/4	2,855.03	3/4	2,504.14	3/4	2,153.24

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 29650"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3015"

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	2,145.93	0	1,795.04	0	1,444.14	0	1,093.30	0	743.94	0	393.11	0	51.56	0		0		0	
1/4	2,138.62	1/4	1,787.73	1/4	1,436.83	1/4	1,086.01	1/4	736.66	1/4	385.80	1/4	44.91	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,131.31	1/2	1,780.42	1/2	1,429.52	1/2	1,078.72	1/2	729.38	1/2	378.49	1/2	38.26	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,124.00	3/4	1,773.11	3/4	1,422.21	3/4	1,071.44	3/4	722.07	3/4	371.18	3/4	33.35	3/4	3/4	3/4	3/4	3/4	3/4
1	2,116.69	1	1,765.80	1	1,414.90	1	1,064.17	1	714.76	1	363.87	1	28.44	1	1	1	1	1	1
1/4	2,109.38	1/4	1,758.49	1/4	1,407.59	1/4	1,056.89	1/4	707.44	1/4	356.56	1/4	23.52	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,102.07	1/2	1,751.18	1/2	1,400.28	1/2	1,049.61	1/2	700.13	1/2	349.25	1/2	18.61	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,094.76	3/4	1,743.87	3/4	1,392.97	3/4	1,042.33	3/4	692.82	3/4	343.77	3/4		3/4	3/4	3/4	3/4	3/4	3/4
2	2,087.45	2	1,736.56	2	1,385.66	2	1,035.06	2	685.51	2	338.29	2		2	2	2	2	2	2
1/4	2,080.14	1/4	1,729.25	1/4	1,378.35	1/4	1,027.78	1/4	678.20	1/4	332.80	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,072.83	1/2	1,721.94	1/2	1,371.04	1/2	1,020.50	1/2	670.89	1/2	327.32	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,065.52	3/4	1,714.63	3/4	1,363.73	3/4	1,013.22	3/4	663.58	3/4	320.01	3/4		3/4	3/4	3/4	3/4	3/4	3/4
3	2,058.21	3	1,707.32	3	1,356.42	3	1,005.94	3	656.27	3	312.70	3		3	3	3	3	3	3
1/4	2,050.90	1/4	1,700.00	1/4	1,349.11	1/4	998.66	1/4	648.96	1/4	305.39	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,043.59	1/2	1,692.69	1/2	1,341.80	1/2	991.38	1/2	641.65	1/2	298.08	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,036.28	3/4	1,685.38	3/4	1,334.49	3/4	984.10	3/4	634.34	3/4	290.77	3/4		3/4	3/4	3/4	3/4	3/4	3/4
4	2,028.97	4	1,678.07	4	1,327.18	4	976.83	4	627.03	4	283.46	4		4	4	4	4	4	4
1/4	2,021.66	1/4	1,670.76	1/4	1,319.87	1/4	969.55	1/4	619.72	1/4	276.15	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,014.35	1/2	1,663.45	1/2	1,312.56	1/2	962.27	1/2	612.41	1/2	268.84	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,007.04	3/4	1,656.14	3/4	1,305.25	3/4	954.99	3/4	605.10	3/4	261.53	3/4		3/4	3/4	3/4	3/4	3/4	3/4
5	1,999.73	5	1,648.83	5	1,297.94	5	947.72	5	947.72	5	254.22	5		5	5	5	5	5	5
1/4	1,992.42	1/4	1,641.52	1/4	1,290.63	1/4	940.44	1/4	590.48	1/4	246.91	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,985.11	1/2	1,634.21	1/2	1,283.32	1/2	933.16	1/2	583.17	1/2	239.60	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,977.80	3/4	1,626.90	3/4	1,276.01	3/4	925.88	3/4	575.86	3/4	232.29	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	1,970.49	6	1,619.59	6	1,268.70	6	918.61	6	568.55	6	224.98	6		6	6	6	6	6	6
1/4	1,963.18	1/4	1,612.28	1/4	1,261.39	1/4	911.33	1/4	561.24	1/4	217.67	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,955.87	1/2	1,604.97	1/2	1,254.08	1/2	904.05	1/2	553.93	1/2	210.36	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,948.56	3/4	1,597.66	3/4	1,246.77	3/4	896.77	3/4	546.62	3/4	203.05	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	1,941.25	7	1,590.35	7	1,239.46	7	889.50	7	539.31	7	195.75	7		7	7	7	7	7	7
1/4	1,933.93	1/4	1,583.04	1/4	1,232.15	1/4	882.22	1/4	532.00	1/4	188.44	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,926.62	1/2	1,575.73	1/2	1,224.84	1/2	874.94	1/2	524.69	1/2	181.13	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,919.31	3/4	1,568.42	3/4	1,217.53	3/4	867.66	3/4	517.38	3/4	173.83	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	1,912.00	8	1,561.11	8	1,210.22	8	860.38	8	510.07	8	166.54	8		8	8	8	8	8	8
1/4	1,904.69	1/4	1,553.80	1/4	1,202.90	1/4	853.10	1/4	502.76	1/4	159.24	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,897.38	1/2	1,546.49	1/2	1,195.59	1/2	845.82	1/2	495.45	1/2	151.94	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,890.07	3/4	1,539.18	3/4	1,188.28	3/4	838.54	3/4	488.14	3/4	144.66	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	1,882.76	9	1,531.87	9	1,180.97	9	831.27	9	480.83	9	137.38	9		9	9	9	9	9	9
1/4	1,875.45	1/4	1,524.56	1/4	1,173.66	1/4	823.99	1/4	473.52	1/4	130.09	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,868.14	1/2	1,517.25	1/2	1,166.35	1/2	816.71	1/2	466.21	1/2	122.81	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,860.83	3/4	1,509.94	3/4	1,159.04	3/4	809.43	3/4	458.90	3/4	115.55	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	1,853.52	10	1,502.63	10	1,151.73	10	802.16	10	451.59	10	108.29	10		10	10	10	10	10	10
1/4	1,846.21	1/4	1,495.32	1/4	1,144.42	1/4	794.88	1/4	444.28	1/4	101.02	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,838.90	1/2	1,488.01	1/2	1,137.11	1/2	787.60	1/2	436.97	1/2	93.76	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,831.59	3/4	1,480.70	3/4	1,129.80	3/4	780.32	3/4	429.66	3/4	86.54	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,824.28	11	1,473.39	11	1,122.49	11	773.05	11	422.35	11	79.31	11		11	11	11	11	11	11
1/4	1,816.97	1/4	1,466.07	1/4	1,115.18	1/4	765.77	1/4	415.04	1/4	72.09	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,809.66	1/2	1,458.76	1/2	1,107.87	1/2	758.49	1/2	407.73	1/2	64.86	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,802.35	3/4	1,451.45	3/4	1,100.58	3/4	751.21	3/4	400.42	3/4	58.21	3/4		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 29650"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3015"

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		0		0	4,443.37	0	4,202.76	0	3,961.91	0	3,719.99	0	3,478.06	0	3,177.79	0	2,827.97	0	2,477.99
1/4		1/4		1/4	4,438.42	1/4	4,197.74	1/4	3,956.87	1/4	3,714.95	1/4	3,473.02	1/4	3,170.50	1/4	2,820.68	1/4	2,470.70
1/2		1/2		1/2	4,433.47	1/2	4,192.73	1/2	3,951.83	1/2	3,709.91	1/2	3,467.98	1/2	3,163.22	1/2	2,813.39	1/2	2,463.40
3/4		3/4		3/4	4,428.51	3/4	4,187.71	3/4	3,946.79	3/4	3,704.86	3/4	3,462.93	3/4	3,155.93	3/4	2,806.09	3/4	2,456.11
1		1		1	4,423.56	1	4,182.69	1	3,941.75	1	3,699.82	1	3,457.89	1	3,148.64	1	2,798.80	1	2,448.81
1/4		1/4		1/4	4,418.55	1/4	4,177.67	1/4	3,936.71	1/4	3,694.78	1/4	3,452.85	1/4	3,141.35	1/4	2,791.51	1/4	2,441.51
1/2		1/2		1/2	4,413.54	1/2	4,172.66	1/2	3,931.67	1/2	3,689.74	1/2	3,447.81	1/2	3,134.07	1/2	2,784.22	1/2	2,434.22
3/4		3/4		3/4	4,408.53	3/4	4,167.64	3/4	3,926.63	3/4	3,684.70	3/4	3,442.77	3/4	3,126.78	3/4	2,776.93	3/4	2,426.92
2		2	4,581.63	2	4,403.52	2	4,162.62	2	3,921.59	2	3,679.66	2	3,437.73	2	3,119.49	2	2,769.64	2	2,419.62
1/4		1/4	4,581.19	1/4	4,398.50	1/4	4,157.60	1/4	3,916.55	1/4	3,674.62	1/4	3,432.70	1/4	3,112.21	1/4	2,762.35	1/4	2,412.32
1/2		1/2	4,580.75	1/2	4,393.48	1/2	4,152.59	1/2	3,911.51	1/2	3,669.58	1/2	3,427.66	1/2	3,104.92	1/2	2,755.06	1/2	2,405.03
3/4		3/4	4,580.30	3/4	4,388.45	3/4	4,147.57	3/4	3,906.47	3/4	3,664.54	3/4	3,422.63	3/4	3,097.64	3/4	2,747.76	3/4	2,397.73
3		3	4,579.86	3	4,383.43	3	4,142.55	3	3,901.43	3	3,659.50	3	3,417.59	3	3,090.35	3	2,740.47	3	2,390.43
1/4		1/4	4,578.60	1/4	4,378.41	1/4	4,137.53	1/4	3,896.39	1/4	3,654.46	1/4	3,412.18	1/4	3,083.06	1/4	2,733.18	1/4	2,383.14
1/2		1/2	4,577.33	1/2	4,373.39	1/2	4,132.52	1/2	3,891.35	1/2	3,649.42	1/2	3,406.77	1/2	3,075.78	1/2	2,725.89	1/2	2,375.84
3/4		3/4	4,576.07	3/4	4,368.36	3/4	4,127.50	3/4	3,886.31	3/4	3,644.38	3/4	3,401.36	3/4	3,068.49	3/4	2,718.60	3/4	2,368.55
4		4	4,574.80	4	4,363.34	4	4,122.48	4	3,881.27	4	3,639.34	4	3,395.95	4	3,061.20	4	2,711.31	4	2,361.25
1/4		1/4	4,572.72	1/4	4,358.32	1/4	4,117.46	1/4	3,876.23	1/4	3,634.30	1/4	3,390.17	1/4	3,053.91	1/4	2,704.02	1/4	2,353.95
1/2		1/2	4,570.63	1/2	4,353.30	1/2	4,112.45	1/2	3,871.19	1/2	3,629.26	1/2	3,384.38	1/2	3,046.63	1/2	2,696.73	1/2	2,346.66
3/4		3/4	4,568.55	3/4	4,348.27	3/4	4,107.43	3/4	3,866.15	3/4	3,624.22	3/4	3,378.60	3/4	3,039.34	3/4	2,689.43	3/4	2,339.36
5		5	4,566.46	5	4,343.25	5	4,102.41	5	3,861.11	5	3,619.18	5	3,372.81	5	3,032.05	5	2,682.14	5	2,332.06
1/4		1/4	4,563.55	1/4	4,338.23	1/4	4,097.39	1/4	3,856.07	1/4	3,614.14	1/4	3,366.65	1/4	3,024.76	1/4	2,674.85	1/4	2,324.77
1/2		1/2	4,560.65	1/2	4,333.22	1/2	4,092.38	1/2	3,851.03	1/2	3,609.10	1/2	3,360.49	1/2	3,017.48	1/2	2,667.56	1/2	2,317.47
3/4		3/4	4,557.74	3/4	4,328.20	3/4	4,087.36	3/4	3,845.99	3/4	3,604.06	3/4	3,354.33	3/4	3,010.19	3/4	2,660.27	3/4	2,310.18
6		6	4,554.83	6	4,323.18	6	4,082.34	6	3,840.95	6	3,599.02	6	3,348.17	6	3,002.90	6	2,652.98	6	2,302.88
1/4		1/4	4,551.10	1/4	4,318.16	1/4	4,077.32	1/4	3,835.91	1/4	3,593.98	1/4	3,341.63	1/4	2,995.62	1/4	2,645.69	1/4	2,295.58
1/2		1/2	4,547.37	1/2	4,313.15	1/2	4,072.31	1/2	3,830.87	1/2	3,588.94	1/2	3,335.10	1/2	2,988.33	1/2	2,638.40	1/2	2,288.29
3/4		3/4	4,543.64	3/4	4,308.13	3/4	4,067.29	3/4	3,825.83	3/4	3,583.90	3/4	3,328.56	3/4	2,981.05	3/4	2,631.10	3/4	2,280.99
7		7	4,539.91	7	4,303.11	7	4,062.27	7	3,820.79	7	3,578.86	7	3,322.02	7	2,973.76	7	2,623.81	7	2,273.69
1/4		1/4	4,535.36	1/4	4,298.09	1/4	4,057.25	1/4	3,815.75	1/4	3,573.82	1/4	3,315.11	1/4	2,966.47	1/4	2,616.52	1/4	2,266.40
1/2		1/2	4,530.81	1/2	4,293.08	1/2	4,052.24	1/2	3,810.71	1/2	3,568.78	1/2	3,308.20	1/2	2,959.19	1/2	2,609.23	1/2	2,259.10
3/4		3/4	4,526.25	3/4	4,288.06	3/4	4,047.22	3/4	3,805.67	3/4	3,563.74	3/4	3,301.29	3/4	2,951.90	3/4	2,601.94	3/4	2,251.81
8		8	4,521.70	8	4,283.04	8	4,042.20	8	3,800.63	8	3,558.70	8	3,294.38	8	2,944.61	8	2,594.65	8	2,244.51
1/4		1/4	4,516.83	1/4	4,278.02	1/4	4,036.68	1/4	3,795.59	1/4	3,553.66	1/4	3,287.09	1/4	2,937.32	1/4	2,587.36	1/4	2,237.21
1/2		1/2	4,511.97	1/2	4,273.01	1/2	4,031.17	1/2	3,790.55	1/2	3,548.62	1/2	3,279.81	1/2	2,930.04	1/2	2,580.07	1/2	2,229.92
3/4		3/4	4,507.10	3/4	4,267.99	3/4	4,025.65	3/4	3,785.51	3/4	3,543.58	3/4	3,272.52	3/4	2,922.75	3/4	2,572.77	3/4	2,222.62
9		9	4,502.23	9	4,262.97	9	4,020.13	9	3,780.47	9	3,538.54	9	3,265.23	9	2,915.46	9	2,565.48	9	2,215.32
1/4		1/4	4,497.35	1/4	4,257.95	1/4	4,015.61	1/4	3,775.43	1/4	3,533.50	1/4	3,257.94	1/4	2,908.17	1/4	2,558.19	1/4	2,208.03
1/2		1/2	4,492.46	1/2	4,252.94	1/2	4,011.10	1/2	3,770.39	1/2	3,528.46	1/2	3,250.66	1/2	2,900.88	1/2	2,550.90	1/2	2,200.73
3/4		3/4	4,487.58	3/4	4,247.92	3/4	4,006.58	3/4	3,765.35	3/4	3,523.42	3/4	3,243.37	3/4	2,893.59	3/4	2,543.61	3/4	2,193.44
10		10	4,482.69	10	4,242.90	10	4,002.06	10	3,760.31	10	3,518.38	10	3,236.08	10	2,886.30	10	2,536.32	10	2,186.14
1/4		1/4	4,477.79	1/4	4,237.88	1/4	3,997.04	1/4	3,755.27	1/4	3,513.34	1/4	3,228.79	1/4	2,879.01	1/4	2,529.03	1/4	2,178.84
1/2		1/2	4,472.88	1/2	4,232.87	1/2	3,992.03	1/2	3,750.23	1/2	3,508.30	1/2	3,221.51	1/2	2,871.72	1/2	2,521.74	1/2	2,171.55
3/4		3/4	4,467.98	3/4	4,227.85	3/4	3,987.01	3/4	3,745.19	3/4	3,503.26	3/4	3,214.22	3/4	2,864.42	3/4	2,514.45	3/4	2,164.25
11		11	4,463.07	11	4,222.83	11	3,981.99	11	3,740.15	11	3,498.22	11	3,206.93	11	2,857.13	11	2,507.16	11	2,156.95
1/4		1/4	4,458.15	1/4	4,217.81	1/4	3,976.97	1/4	3,735.11	1/4	3,493.18	1/4	3,199.65	1/4	2,849.84	1/4	2,499.87	1/4	2,149.66
1/2		1/2	4,453.22	1/2	4,212.80	1/2	3,971.95	1/2	3,730.07	1/2	3,488.14	1/2	3,192.36	1/2	2,842.55	1/2	2,492.58	1/2	2,142.36
3/4		3/4	4,448.30	3/4	4,207.78	3/4	3,966.93	3/4	3,725.03	3/4	3,483.10	3/4	3,185.08	3/4	2,835.26	3/4	2,485.28	3/4	2,135.07

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 29650"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3015"

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	2,127.77	0	1,777.55	0	1,427.34	0	1,077.18	0	727.63	0	377.48	0	32.40	0		0		0	
1/4	2,120.47	1/4	1,770.26	1/4	1,420.05	1/4	1,069.90	1/4	720.34	1/4	370.19	1/4	27.94	1/4	1/4	1/4		1/4	
1/2	2,113.18	1/2	1,762.96	1/2	1,412.75	1/2	1,062.61	1/2	713.04	1/2	362.89	1/2	23.49	1/2	1/2	1/2		1/2	
3/4	2,105.88	3/4	1,755.67	3/4	1,405.46	3/4	1,055.33	3/4	705.75	3/4	355.60	3/4	19.03	3/4	3/4	3/4		3/4	
1	2,098.58	1	1,748.37	1	1,398.16	1	1,048.04	1	698.45	1	348.30	1	14.57	1	1	1		1	
1/4	2,091.29	1/4	1,741.07	1/4	1,390.87	1/4	1,040.76	1/4	691.16	1/4	341.01	1/4		1/4	1/4	1/4		1/4	
1/2	2,083.99	1/2	1,733.78	1/2	1,383.57	1/2	1,033.48	1/2	683.87	1/2	333.72	1/2		1/2	1/2	1/2		1/2	
3/4	2,076.70	3/4	1,726.48	3/4	1,376.28	3/4	1,026.20	3/4	676.57	3/4	326.42	3/4		3/4	3/4	3/4		3/4	
2	2,069.40	2	1,719.18	2	1,368.98	2	1,018.92	2	669.28	2	319.13	2	2	2	2	2		2	
1/4	2,062.10	1/4	1,711.89	1/4	1,361.69	1/4	1,011.64	1/4	661.99	1/4	311.84	1/4		1/4	1/4	1/4		1/4	
1/2	2,054.81	1/2	1,704.59	1/2	1,354.39	1/2	1,004.36	1/2	654.69	1/2	304.54	1/2		1/2	1/2	1/2		1/2	
3/4	2,047.51	3/4	1,697.30	3/4	1,347.10	3/4	997.08	3/4	647.40	3/4	297.25	3/4		3/4	3/4	3/4		3/4	
3	2,040.21	3	1,690.00	3	1,339.80	3	989.80	3	640.10	3	289.95	3	3	3	3	3		3	
1/4	2,032.92	1/4	1,682.70	1/4	1,332.50	1/4	982.52	1/4	632.81	1/4	282.66	1/4		1/4	1/4	1/4		1/4	
1/2	2,025.62	1/2	1,675.41	1/2	1,325.21	1/2	975.24	1/2	625.51	1/2	275.36	1/2		1/2	1/2	1/2		1/2	
3/4	2,018.33	3/4	1,668.11	3/4	1,317.91	3/4	967.96	3/4	618.22	3/4	268.07	3/4		3/4	3/4	3/4		3/4	
4	2,011.03	4	1,660.81	4	1,310.61	4	960.68	4	610.92	4	260.77	4	4	4	4	4		4	
1/4	2,003.73	1/4	1,653.52	1/4	1,303.32	1/4	953.40	1/4	603.63	1/4	253.48	1/4		1/4	1/4	1/4		1/4	
1/2	1,996.44	1/2	1,646.22	1/2	1,296.02	1/2	946.12	1/2	596.33	1/2	246.18	1/2		1/2	1/2	1/2		1/2	
3/4	1,989.14	3/4	1,638.93	3/4	1,288.73	3/4	938.84	3/4	589.04	3/4	238.89	3/4		3/4	3/4	3/4		3/4	
5	1,981.84	5	1,631.63	5	1,281.43	5	931.56	5	581.74	5	231.59	5	5	5	5	5		5	
1/4	1,974.55	1/4	1,624.33	1/4	1,274.13	1/4	924.28	1/4	574.45	1/4	224.30	1/4		1/4	1/4	1/4		1/4	
1/2	1,967.25	1/2	1,617.04	1/2	1,266.84	1/2	917.00	1/2	567.15	1/2	217.00	1/2		1/2	1/2	1/2		1/2	
3/4	1,959.96	3/4	1,609.74	3/4	1,259.54	3/4	909.72	3/4	559.86	3/4	209.71	3/4		3/4	3/4	3/4		3/4	
6	1,952.66	6	1,602.44	6	1,252.24	6	902.44	6	552.56	6	202.41	6	6	6	6	6		6	
1/4	1,945.36	1/4	1,595.15	1/4	1,244.95	1/4	895.16	1/4	545.27	1/4	195.12	1/4		1/4	1/4	1/4		1/4	
1/2	1,938.07	1/2	1,587.85	1/2	1,237.65	1/2	887.88	1/2	537.97	1/2	187.83	1/2		1/2	1/2	1/2		1/2	
3/4	1,930.77	3/4	1,580.56	3/4	1,230.36	3/4	880.60	3/4	530.68	3/4	180.54	3/4		3/4	3/4	3/4		3/4	
7	1,923.47	7	1,573.26	7	1,223.06	7	873.32	7	523.38	7	173.25	7	7	7	7	7		7	
1/4	1,916.18	1/4	1,565.97	1/4	1,215.77	1/4	866.04	1/4	516.09	1/4	165.97	1/4		1/4	1/4	1/4		1/4	
1/2	1,908.88	1/2	1,558.67	1/2	1,208.47	1/2	858.76	1/2	508.79	1/2	158.69	1/2		1/2	1/2	1/2		1/2	
3/4	1,901.59	3/4	1,551.38	3/4	1,201.18	3/4	851.48	3/4	501.50	3/4	151.41	3/4		3/4	3/4	3/4		3/4	
8	1,894.29	8	1,544.08	8	1,193.88	8	844.20	8	494.20	8	144.13	8	8	8	8	8		8	
1/4	1,886.99	1/4	1,536.78	1/4	1,186.58	1/4	836.92	1/4	486.91	1/4	136.87	1/4		1/4	1/4	1/4		1/4	
1/2	1,879.70	1/2	1,529.49	1/2	1,179.29	1/2	829.64	1/2	479.61	1/2	129.61	1/2		1/2	1/2	1/2		1/2	
3/4	1,872.40	3/4	1,522.19	3/4	1,171.99	3/4	822.36	3/4	472.32	3/4	122.34	3/4		3/4	3/4	3/4		3/4	
9	1,865.10	9	1,514.89	9	1,164.69	9	815.08	9	465.02	9	115.08	9	9	9	9	9		9	
1/4	1,857.81	1/4	1,507.60	1/4	1,157.40	1/4	807.80	1/4	457.73	1/4	107.84	1/4		1/4	1/4	1/4		1/4	
1/2	1,850.51	1/2	1,500.30	1/2	1,150.10	1/2	800.52	1/2	450.43	1/2	100.60	1/2		1/2	1/2	1/2		1/2	
3/4	1,843.22	3/4	1,493.01	3/4	1,142.81	3/4	793.23	3/4	443.14	3/4	93.36	3/4		3/4	3/4	3/4		3/4	
10	1,835.92	10	1,485.71	10	1,135.51	10	785.95	10	435.84	10	86.12	10	10	10	10	10		10	
1/4	1,828.63	1/4	1,478.42	1/4	1,128.21	1/4	778.67	1/4	428.55	1/4	78.93	1/4		1/4	1/4	1/4		1/4	
1/2	1,821.33	1/2	1,471.12	1/2	1,120.92	1/2	771.38	1/2	421.25	1/2	71.74	1/2		1/2	1/2	1/2		1/2	
3/4	1,814.04	3/4	1,463.83	3/4	1,113.62	3/4	764.10	3/4	413.96	3/4	64.55	3/4		3/4	3/4	3/4		3/4	
11	1,806.74	11	1,456.53	11	1,106.32	11	756.81	11	406.66	11	57.36	11	11	11	11	11		11	
1/4	1,799.44	1/4	1,449.23	1/4	1,099.04	1/4	749.52	1/4	399.37	1/4	51.12	1/4		1/4	1/4	1/4		1/4	
1/2	1,792.15	1/2	1,441.94	1/2	1,091.75	1/2	742.22	1/2	392.07	1/2	44.88	1/2		1/2	1/2	1/2		1/2	
3/4	1,784.85	3/4	1,434.64	3/4	1,084.47	3/4	734.93	3/4	384.78	3/4	38.64	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 29650"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3015"

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		0		0	4,439.43	0	4,198.78	0	3,957.90	0	3,715.93	0	3,473.96	0	3,173.73	0	2,823.99	0	2,474.10
1/4		1/4		1/4	4,434.48	1/4	4,193.76	1/4	3,952.86	1/4	3,710.89	1/4	3,468.92	1/4	3,166.45	1/4	2,816.70	1/4	2,466.81
1/2		1/2		1/2	4,429.52	1/2	4,188.75	1/2	3,947.82	1/2	3,705.85	1/2	3,463.88	1/2	3,159.16	1/2	2,809.42	1/2	2,459.53
3/4		3/4		3/4	4,424.57	3/4	4,183.73	3/4	3,942.77	3/4	3,700.80	3/4	3,458.84	3/4	3,151.88	3/4	2,802.13	3/4	2,452.24
1		1		1	4,419.61	1	4,178.71	1	3,937.73	1	3,695.76	1	3,453.80	1	3,144.59	1	2,794.84	1	2,444.95
1/4		1/4		1/4	4,414.60	1/4	4,173.69	1/4	3,932.69	1/4	3,690.72	1/4	3,448.76	1/4	3,137.31	1/4	2,787.55	1/4	2,437.66
1/2		1/2		1/2	4,409.59	1/2	4,168.67	1/2	3,927.65	1/2	3,685.68	1/2	3,443.72	1/2	3,130.02	1/2	2,780.26	1/2	2,430.37
3/4		3/4		3/4	4,404.58	3/4	4,163.65	3/4	3,922.61	3/4	3,680.64	3/4	3,438.67	3/4	3,122.74	3/4	2,772.97	3/4	2,423.08
2		2	4,577.70		4,399.57	2	4,158.63	2	3,917.57	2	3,675.60	2	3,433.63	2	3,115.45	2	2,765.68	2	2,415.79
1/4		1/4	4,577.26		4,394.55	1/4	4,153.61	1/4	3,912.53	1/4	3,670.56	1/4	3,428.59	1/4	3,108.17	1/4	2,758.39	1/4	2,408.50
1/2		1/2	4,576.82		4,389.53	1/2	4,148.60	1/2	3,907.49	1/2	3,665.52	1/2	3,423.55	1/2	3,100.88	1/2	2,751.10	1/2	2,401.21
3/4		3/4	4,576.38		4,384.50	3/4	4,143.58	3/4	3,902.44	3/4	3,660.48	3/4	3,418.51	3/4	3,093.60	3/4	2,743.81	3/4	2,393.92
3		3	4,575.94		4,379.48	3	4,138.56	3	3,897.40	3	3,655.44	3	3,413.47	3	3,086.31	3	2,736.52	3	2,386.63
1/4		1/4	4,574.68		4,374.46	1/4	4,133.54	1/4	3,892.36	1/4	3,650.40	1/4	3,408.06	1/4	3,079.03	1/4	2,729.23	1/4	2,379.34
1/2		1/2	4,573.41		4,369.44	1/2	4,128.52	1/2	3,887.32	1/2	3,645.36	1/2	3,402.65	1/2	3,071.74	1/2	2,721.94	1/2	2,372.05
3/4		3/4	4,572.15		4,364.41	3/4	4,123.50	3/4	3,882.28	3/4	3,640.31	3/4	3,397.24	3/4	3,064.46	3/4	2,714.65	3/4	2,364.76
4		4	4,570.88		4,359.39	4	4,118.48	4	3,877.24	4	3,635.27	4	3,391.83	4	3,057.17	4	2,707.36	4	2,357.47
1/4		1/4	4,568.79		4,354.37	1/4	4,113.46	1/4	3,872.20	1/4	3,630.23	1/4	3,386.05	1/4	3,049.89	1/4	2,700.07	1/4	2,350.18
1/2		1/2	4,566.71		4,349.34	1/2	4,108.45	1/2	3,867.16	1/2	3,625.19	1/2	3,380.27	1/2	3,042.60	1/2	2,692.79	1/2	2,342.89
3/4		3/4	4,564.62		4,344.32	3/4	4,103.43	3/4	3,862.12	3/4	3,620.15	3/4	3,374.48	3/4	3,035.32	3/4	2,685.50	3/4	2,335.60
5		5	4,562.53		4,339.29	5	4,098.41	5	3,857.08	5	3,615.11	5	3,368.70	5	3,028.03	5	2,678.21	5	2,328.31
1/4		1/4	4,559.62		4,334.27	1/4	4,093.39	1/4	3,852.04	1/4	3,610.07	1/4	3,362.54	1/4	3,020.75	1/4	2,670.92	1/4	2,321.02
1/2		1/2	4,556.72		4,329.26	1/2	4,088.38	1/2	3,847.00	1/2	3,605.03	1/2	3,356.38	1/2	3,013.46	1/2	2,663.63	1/2	2,313.74
3/4		3/4	4,553.81		4,324.24	3/4	4,083.36	3/4	3,841.95	3/4	3,599.98	3/4	3,350.22	3/4	3,006.18	3/4	2,656.34	3/4	2,306.45
6		6	4,550.90		4,319.22	6	4,078.34	6	3,836.91	6	3,594.94	6	3,344.06	6	2,998.89	6	2,649.05	6	2,299.16
1/4		1/4	4,547.17		4,314.20	1/4	4,073.32	1/4	3,831.87	1/4	3,589.90	1/4	3,337.53	1/4	2,991.61	1/4	2,641.76	1/4	2,291.87
1/2		1/2	4,543.44		4,309.19	1/2	4,068.30	1/2	3,826.83	1/2	3,584.86	1/2	3,331.00	1/2	2,984.32	1/2	2,634.47	1/2	2,284.58
3/4		3/4	4,539.71		4,304.17	3/4	4,063.28	3/4	3,821.79	3/4	3,579.82	3/4	3,324.46	3/4	2,977.04	3/4	2,627.18	3/4	2,277.29
7		7	4,535.98		4,299.15	7	4,058.26	7	3,816.75	7	3,574.78	7	3,317.93	7	2,969.75	7	2,619.89	7	2,270.00
1/4		1/4	4,531.43		4,294.13	1/4	4,053.24	1/4	3,811.71	1/4	3,569.74	1/4	3,311.02	1/4	2,962.47	1/4	2,612.60	1/4	2,262.71
1/2		1/2	4,526.88		4,289.11	1/2	4,048.23	1/2	3,806.67	1/2	3,564.70	1/2	3,304.11	1/2	2,955.18	1/2	2,605.31	1/2	2,255.42
3/4		3/4	4,522.32		4,284.09	3/4	4,043.21	3/4	3,801.62	3/4	3,559.66	3/4	3,297.20	3/4	2,947.90	3/4	2,598.02	3/4	2,248.13
8		8	4,517.77		4,279.07	8	4,038.19	8	3,796.58	8	3,554.62	8	3,290.29	8	2,940.61	8	2,590.73	8	2,240.84
1/4		1/4	4,512.90		4,274.05	1/4	4,033.17	1/4	3,791.54	1/4	3,549.58	1/4	3,283.01	1/4	2,933.33	1/4	2,583.44	1/4	2,233.55
1/2		1/2	4,508.04		4,269.04	1/2	4,028.16	1/2	3,786.50	1/2	3,544.54	1/2	3,275.72	1/2	2,926.04	1/2	2,576.16	1/2	2,226.26
3/4		3/4	4,503.17		4,264.02	3/4	4,023.14	3/4	3,781.46	3/4	3,539.49	3/4	3,268.44	3/4	2,918.76	3/4	2,568.87	3/4	2,218.97
9		9	4,498.30		4,259.00	9	4,018.12	9	3,776.42	9	3,534.45	9	3,261.15	9	2,911.47	9	2,561.58	9	2,211.68
1/4		1/4	4,493.41		4,253.98	1/4	4,013.10	1/4	3,771.38	1/4	3,529.41	1/4	3,253.87	1/4	2,904.18	1/4	2,554.29	1/4	2,204.39
1/2		1/2	4,488.53		4,248.97	1/2	4,008.08	1/2	3,766.34	1/2	3,524.37	1/2	3,246.58	1/2	2,896.89	1/2	2,547.00	1/2	2,197.11
3/4		3/4	4,483.64		4,243.95	3/4	4,003.06	3/4	3,761.30	3/4	3,519.33	3/4	3,239.30	3/4	2,889.60	3/4	2,539.71	3/4	2,189.82
10		10	4,478.75		4,238.93	10	3,998.04	10	3,756.26	10	3,514.29	10	3,232.01	10	2,882.31	10	2,532.42	10	2,182.53
1/4		1/4	4,473.85		4,233.91	1/4	3,993.02	1/4	3,751.22	1/4	3,509.25	1/4	3,224.73	1/4	2,875.02	1/4	2,525.13	1/4	2,175.24
1/2		1/2	4,468.94		4,228.89	1/2	3,988.01	1/2	3,746.18	1/2	3,504.21	1/2	3,217.44	1/2	2,867.73	1/2	2,517.84	1/2	2,167.95
3/4		3/4	4,464.04		4,223.87	3/4	3,982.99	3/4	3,741.13	3/4	3,499.16	3/4	3,210.16	3/4	2,860.44	3/4	2,510.55	3/4	2,160.66
11		11	4,459.13		4,218.85	11	3,977.97	11	3,736.09	11	3,494.12	11	3,202.87	11	2,853.15	11	2,503.26	11	2,153.37
1/4		1/4	4,454.21		4,213.83	1/4	3,972.95	1/4	3,731.05	1/4	3,489.08	1/4	3,195.59	1/4	2,845.86	1/4	2,495.97	1/4	2,146.08
1/2		1/2	4,449.28		4,208.82	1/2	3,967.94	1/2	3,726.01	1/2	3,484.04	1/2	3,188.30	1/2	2,838.57	1/2	2,488.68	1/2	2,138.79
3/4		3/4	4,444.36		4,203.80	3/4	3,962.92	3/4	3,720.97	3/4	3,479.00	3/4	3,181.02	3/4	2,831.28	3/4	2,481.39	3/4	2,131.50

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 29650"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3015"

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	2,124.21	0	1,774.33	0	1,424.52	0	1,074.84	0	727.23	0	377.38	0	32.41	0		0		0	
1/4	2,116.92	1/4	1,767.04	1/4	1,417.24	1/4	1,067.57	1/4	719.94	1/4	370.09	1/4	27.95	1/4		1/4		1/4	
1/2	2,109.63	1/2	1,759.75	1/2	1,409.95	1/2	1,060.29	1/2	712.65	1/2	362.80	1/2	23.50	1/2		1/2		1/2	
3/4	2,102.34	3/4	1,752.46	3/4	1,402.67	3/4	1,053.02	3/4	705.36	3/4	355.51	3/4	19.04	3/4		3/4		3/4	
1	2,095.05	1	1,745.17	1	1,395.38	1	1,045.74	1	698.07	1	348.22	1	14.58	1		1		1	
1/4	2,087.76	1/4	1,737.88	1/4	1,388.10	1/4	1,038.51	1/4	690.78	1/4	340.93	1/4		1/4		1/4		1/4	
1/2	2,080.48	1/2	1,730.59	1/2	1,380.81	1/2	1,031.27	1/2	683.50	1/2	333.65	1/2		1/2		1/2		1/2	
3/4	2,073.19	3/4	1,723.30	3/4	1,373.53	3/4	1,024.04	3/4	676.21	3/4	326.36	3/4		3/4		3/4		3/4	
2	2,065.90	2	1,716.01	2	1,366.24	2	1,016.80	2	668.92	2	319.07	2		2		2		2	
1/4	2,058.61	1/4	1,708.72	1/4	1,358.96	1/4	1,009.57	1/4	661.44	1/4	311.78	1/4		1/4		1/4		1/4	
1/2	2,051.32	1/2	1,701.44	1/2	1,351.67	1/2	1,002.33	1/2	653.96	1/2	304.49	1/2		1/2		1/2		1/2	
3/4	2,044.03	3/4	1,694.15	3/4	1,344.39	3/4	995.10	3/4	646.48	3/4	297.20	3/4		3/4		3/4		3/4	
3	2,036.74	3	1,686.86	3	1,337.10	3	987.86	3	639.00	3	289.91	3		3		3		3	
1/4	2,029.45	1/4	1,679.57	1/4	1,329.81	1/4	980.62	1/4	631.90	1/4	282.62	1/4		1/4		1/4		1/4	
1/2	2,022.16	1/2	1,672.28	1/2	1,322.53	1/2	973.39	1/2	624.81	1/2	275.34	1/2		1/2		1/2		1/2	
3/4	2,014.87	3/4	1,664.99	3/4	1,315.24	3/4	966.15	3/4	617.71	3/4	268.05	3/4		3/4		3/4		3/4	
4	2,007.58	4	1,657.70	4	1,307.95	4	958.91	4	610.61	4	260.76	4		4		4		4	
1/4	2,000.29	1/4	1,650.41	1/4	1,300.67	1/4	951.68	1/4	603.32	1/4	253.47	1/4		1/4		1/4		1/4	
1/2	1,993.00	1/2	1,643.12	1/2	1,293.38	1/2	944.44	1/2	596.04	1/2	246.18	1/2		1/2		1/2		1/2	
3/4	1,985.71	3/4	1,635.83	3/4	1,286.10	3/4	937.21	3/4	588.75	3/4	238.89	3/4		3/4		3/4		3/4	
5	1,978.42	5	1,628.54	5	1,278.81	5	929.97	5	581.46	5	231.60	5		5		5		5	
1/4	1,971.13	1/4	1,621.25	1/4	1,271.53	1/4	922.74	1/4	574.17	1/4	224.31	1/4		1/4		1/4		1/4	
1/2	1,963.85	1/2	1,613.97	1/2	1,264.24	1/2	915.50	1/2	566.88	1/2	217.03	1/2		1/2		1/2		1/2	
3/4	1,956.56	3/4	1,606.68	3/4	1,256.96	3/4	908.27	3/4	559.59	3/4	209.74	3/4		3/4		3/4		3/4	
6	1,949.27	6	1,599.39	6	1,249.67	6	901.03	6	552.30	6	202.45	6		6		6		6	
1/4	1,941.98	1/4	1,592.10	1/4	1,242.38	1/4	893.80	1/4	545.01	1/4	195.16	1/4		1/4		1/4		1/4	
1/2	1,934.69	1/2	1,584.82	1/2	1,235.10	1/2	886.56	1/2	537.73	1/2	187.87	1/2		1/2		1/2		1/2	
3/4	1,927.40	3/4	1,577.53	3/4	1,227.81	3/4	879.33	3/4	530.44	3/4	180.58	3/4		3/4		3/4		3/4	
7	1,920.11	7	1,570.24	7	1,220.52	7	872.09	7	523.15	7	173.29	7		7		7		7	
1/4	1,912.82	1/4	1,562.96	1/4	1,213.24	1/4	864.85	1/4	515.86	1/4	166.01	1/4		1/4		1/4		1/4	
1/2	1,905.53	1/2	1,555.67	1/2	1,205.95	1/2	857.62	1/2	508.57	1/2	158.73	1/2		1/2		1/2		1/2	
3/4	1,898.24	3/4	1,548.39	3/4	1,198.67	3/4	850.38	3/4	501.28	3/4	151.44	3/4		3/4		3/4		3/4	
8	1,890.95	8	1,541.10	8	1,191.38	8	843.14	8	493.99	8	144.16	8		8		8		8	
1/4	1,883.66	1/4	1,533.81	1/4	1,184.09	1/4	835.91	1/4	486.70	1/4	136.90	1/4		1/4		1/4		1/4	
1/2	1,876.38	1/2	1,526.53	1/2	1,176.81	1/2	828.67	1/2	479.42	1/2	129.63	1/2		1/2		1/2		1/2	
3/4	1,869.09	3/4	1,519.24	3/4	1,169.52	3/4	821.44	3/4	472.13	3/4	122.37	3/4		3/4		3/4		3/4	
9	1,861.80	9	1,511.95	9	1,162.23	9	814.20	9	464.84	9	115.10	9		9		9		9	
1/4	1,854.51	1/4	1,504.67	1/4	1,154.95	1/4	806.96	1/4	457.55	1/4	107.86	1/4		1/4		1/4		1/4	
1/2	1,847.22	1/2	1,497.38	1/2	1,147.66	1/2	799.73	1/2	450.26	1/2	100.62	1/2		1/2		1/2		1/2	
3/4	1,839.93	3/4	1,490.10	3/4	1,140.38	3/4	792.49	3/4	442.97	3/4	93.38	3/4		3/4		3/4		3/4	
10	1,832.64	10	1,482.81	10	1,133.09	10	785.25	10	435.68	10	86.14	10		10		10		10	
1/4	1,825.35	1/4	1,475.53	1/4	1,125.80	1/4	778.01	1/4	428.39	1/4	78.95	1/4		1/4		1/4		1/4	
1/2	1,818.06	1/2	1,468.24	1/2	1,118.52	1/2	770.77	1/2	421.11	1/2	71.76	1/2		1/2		1/2		1/2	
3/4	1,810.77	3/4	1,460.96	3/4	1,111.23	3/4	763.53	3/4	413.82	3/4	64.56	3/4		3/4		3/4		3/4	
11	1,803.48	11	1,453.67	11	1,103.94	11	756.29	11	406.53	11	57.37	11		11		11		11	
1/4	1,796.19	1/4	1,446.38	1/4	1,096.67	1/4	749.03	1/4	399.24	1/4	51.13	1/4		1/4		1/4		1/4	
1/2	1,788.91	1/2	1,439.10	1/2	1,089.39	1/2	741.76	1/2	391.96	1/2	44.89	1/2		1/2		1/2		1/2	
3/4	1,781.62	3/4	1,431.81	3/4	1,082.12	3/4	734.50	3/4	384.67	3/4	38.65	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  
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<http://www.pmacorp.net>