



BARGE "CTC 29116"

INNAGE (HERMETIC)
FORMERLY "NGL 3026"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 237'-03"

November 10, 2021

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTC 29116"

1 PORT INNAGE TABLE

HERMETIC GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3026"

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	14.63	0	285.81	0	619.96	0	960.52	0	1,302.06	0	1,644.42	0	1,986.79	0	2,329.15	0	2,671.51	0	3,013.85
1/4	17.55	1/4	292.40	1/4	627.09	1/4	967.59	1/4	1,309.19	1/4	1,651.55	1/4	1,993.92	1/4	2,336.28	1/4	2,678.64	1/4	3,020.98
1/2	20.46	1/2	298.99	1/2	634.22	1/2	974.66	1/2	1,316.32	1/2	1,658.69	1/2	2,001.05	1/2	2,343.42	1/2	2,685.78	1/2	3,028.11
3/4	23.38	3/4	305.58	3/4	641.35	3/4	981.74	3/4	1,323.46	3/4	1,665.82	3/4	2,008.18	3/4	2,350.55	3/4	2,692.91	3/4	3,035.24
1	26.29	1	312.17	1	648.48	1	988.81	1	1,330.59	1	1,672.95	1	2,015.32	1	2,357.68	1	2,700.04	1	3,042.37
1/4	31.07	1/4	318.85	1/4	655.62	1/4	995.88	1/4	1,337.72	1/4	1,680.09	1/4	2,022.45	1/4	2,364.81	1/4	2,707.17	1/4	3,049.50
1/2	35.86	1/2	325.52	1/2	662.75	1/2	1,002.95	1/2	1,344.85	1/2	1,687.22	1/2	2,029.58	1/2	2,371.95	1/2	2,714.31	1/2	3,056.63
3/4	40.64	3/4	332.19	3/4	669.88	3/4	1,010.03	3/4	1,351.99	3/4	1,694.35	3/4	2,036.72	3/4	2,379.08	3/4	2,721.44	3/4	3,063.76
2	45.42	2	338.87	2	677.01	2	1,017.10	2	1,359.12	2	1,701.48	2	2,043.85	2	2,386.21	2	2,728.57	2	3,070.89
1/4	51.14	1/4	345.63	1/4	684.15	1/4	1,024.18	1/4	1,366.25	1/4	1,708.62	1/4	2,050.98	1/4	2,393.35	1/4	2,735.70	1/4	3,078.02
1/2	56.86	1/2	352.38	1/2	691.28	1/2	1,031.26	1/2	1,373.38	1/2	1,715.75	1/2	2,058.11	1/2	2,400.48	1/2	2,742.83	1/2	3,085.15
3/4	62.58	3/4	359.14	3/4	698.41	3/4	1,038.34	3/4	1,380.52	3/4	1,722.88	3/4	2,065.25	3/4	2,407.61	3/4	2,749.97	3/4	3,092.28
3	68.30	3	365.90	3	705.54	3	1,045.42	3	1,387.65	3	1,730.01	3	2,072.38	3	2,414.74	3	2,757.10	3	3,099.41
1/4	74.13	1/4	372.74	1/4	712.68	1/4	1,052.52	1/4	1,394.78	1/4	1,737.15	1/4	2,079.51	1/4	2,421.88	1/4	2,764.23	1/4	3,106.54
1/2	79.96	1/2	379.58	1/2	719.81	1/2	1,059.62	1/2	1,401.91	1/2	1,744.28	1/2	2,086.64	1/2	2,429.01	1/2	2,771.36	1/2	3,113.67
3/4	85.79	3/4	386.42	3/4	726.94	3/4	1,066.72	3/4	1,409.05	3/4	1,751.41	3/4	2,093.78	3/4	2,436.14	3/4	2,778.49	3/4	3,120.80
4	91.62	4	393.26	4	734.07	4	1,073.81	4	1,416.18	4	1,758.54	4	2,100.91	4	2,443.27	4	2,785.63	4	3,127.93
1/4	97.55	1/4	400.19	1/4	741.17	1/4	1,080.95	1/4	1,423.31	1/4	1,765.68	1/4	2,108.04	1/4	2,450.41	1/4	2,792.76	1/4	3,135.06
1/2	103.47	1/2	407.11	1/2	748.27	1/2	1,088.08	1/2	1,430.44	1/2	1,772.81	1/2	2,115.17	1/2	2,457.54	1/2	2,799.89	1/2	3,142.19
3/4	109.39	3/4	414.03	3/4	755.37	3/4	1,095.21	3/4	1,437.58	3/4	1,779.94	3/4	2,122.31	3/4	2,464.67	3/4	2,807.02	3/4	3,149.32
5	115.31	5	420.96	5	762.47	5	1,102.34	5	1,444.71	5	1,787.07	5	2,129.44	5	2,471.80	5	2,814.15	5	3,156.45
1/4	121.32	1/4	427.96	1/4	769.55	1/4	1,109.48	1/4	1,451.84	1/4	1,794.21	1/4	2,136.57	1/4	2,478.94	1/4	2,821.29	1/4	3,163.58
1/2	127.33	1/2	434.96	1/2	776.63	1/2	1,116.61	1/2	1,458.97	1/2	1,801.34	1/2	2,143.70	1/2	2,486.07	1/2	2,828.42	1/2	3,170.71
3/4	133.34	3/4	441.96	3/4	783.71	3/4	1,123.74	3/4	1,466.11	3/4	1,808.47	3/4	2,150.84	3/4	2,493.20	3/4	2,835.55	3/4	3,177.84
6	139.34	6	448.97	6	790.79	6	1,130.88	6	1,473.24	6	1,815.60	6	2,157.97	6	2,500.33	6	2,842.68	6	3,184.97
1/4	145.43	1/4	456.05	1/4	797.86	1/4	1,138.01	1/4	1,480.37	1/4	1,822.74	1/4	2,165.10	1/4	2,507.47	1/4	2,849.82	1/4	3,192.10
1/2	151.52	1/2	463.14	1/2	804.93	1/2	1,145.14	1/2	1,487.51	1/2	1,829.87	1/2	2,172.23	1/2	2,514.60	1/2	2,856.95	1/2	3,199.23
3/4	157.61	3/4	470.22	3/4	812.00	3/4	1,152.27	3/4	1,494.64	3/4	1,837.00	3/4	2,179.37	3/4	2,521.73	3/4	2,864.08	3/4	3,206.36
7	163.71	7	477.31	7	819.08	7	1,159.41	7	1,501.77	7	1,844.14	7	2,186.50	7	2,528.86	7	2,871.21	7	3,213.49
1/4	169.58	1/4	484.44	1/4	826.15	1/4	1,166.54	1/4	1,508.90	1/4	1,851.27	1/4	2,193.63	1/4	2,536.00	1/4	2,878.34	1/4	3,220.62
1/2	175.46	1/2	491.57	1/2	833.22	1/2	1,173.67	1/2	1,516.04	1/2	1,858.40	1/2	2,200.77	1/2	2,543.13	1/2	2,885.48	1/2	3,227.75
3/4	181.34	3/4	498.71	3/4	840.29	3/4	1,180.80	3/4	1,523.17	3/4	1,865.53	3/4	2,207.90	3/4	2,550.26	3/4	2,892.61	3/4	3,234.88
8	187.22	8	505.84	8	847.37	8	1,187.94	8	1,530.30	8	1,872.67	8	2,215.03	8	2,557.40	8	2,899.74	8	3,242.01
1/4	193.19	1/4	512.97	1/4	854.44	1/4	1,195.07	1/4	1,537.43	1/4	1,879.80	1/4	2,222.16	1/4	2,564.53	1/4	2,906.87	1/4	3,249.14
1/2	199.15	1/2	520.10	1/2	861.51	1/2	1,202.20	1/2	1,544.57	1/2	1,886.93	1/2	2,229.30	1/2	2,571.66	1/2	2,914.00	1/2	3,256.27
3/4	205.11	3/4	527.24	3/4	868.58	3/4	1,209.33	3/4	1,551.70	3/4	1,894.06	3/4	2,236.43	3/4	2,578.79	3/4	2,921.14	3/4	3,263.40
9	211.08	9	534.37	9	875.65	9	1,216.47	9	1,558.83	9	1,901.20	9	2,243.56	9	2,585.93	9	2,928.27	9	3,270.53
1/4	217.12	1/4	541.50	1/4	882.73	1/4	1,223.60	1/4	1,565.96	1/4	1,908.33	1/4	2,250.69	1/4	2,593.06	1/4	2,935.40	1/4	3,277.66
1/2	223.17	1/2	548.63	1/2	889.80	1/2	1,230.73	1/2	1,573.10	1/2	1,915.46	1/2	2,257.83	1/2	2,600.19	1/2	2,942.53	1/2	3,284.79
3/4	229.21	3/4	555.76	3/4	896.87	3/4	1,237.86	3/4	1,580.23	3/4	1,922.59	3/4	2,264.96	3/4	2,607.32	3/4	2,949.66	3/4	3,291.92
10	235.26	10	562.90	10	903.94	10	1,245.00	10	1,587.36	10	1,929.73	10	2,272.09	10	2,614.46	10	2,956.80	10	3,299.05
1/4	241.39	1/4	570.03	1/4	911.01	1/4	1,252.13	1/4	1,594.49	1/4	1,936.86	1/4	2,279.22	1/4	2,621.59	1/4	2,963.93	1/4	3,306.18
1/2	247.52	1/2	577.16	1/2	918.09	1/2	1,259.26	1/2	1,601.63	1/2	1,943.99	1/2	2,286.36	1/2	2,628.72	1/2	2,971.06	1/2	3,313.31
3/4	253.65	3/4	584.29	3/4	925.16	3/4	1,266.39	3/4	1,608.76	3/4	1,951.12	3/4	2,293.49	3/4	2,635.85	3/4	2,978.19	3/4	3,320.44
11	259.78	11	591.43	11	932.23	11	1,273.53	11	1,615.89	11	1,958.26	11	2,300.62	11	2,642.98	11	2,985.33	11	3,327.57
1/4	266.29	1/4	598.56	1/4	939.30	1/4	1,280.66	1/4	1,623.02	1/4	1,965.39	1/4	2,307.75	1/4	2,650.12	1/4	2,992.46	1/4	3,334.70
1/2	272.79	1/2	605.69	1/2	946.38	1/2	1,287.79	1/2	1,630.16	1/2	1,972.52	1/2	2,314.89	1/2	2,657.25	1/2	2,999.59	1/2	3,341.84
3/4	279.30	3/4	612.82	3/4	953.45	3/4	1,294.93	3/4	1,637.29	3/4	1,979.65	3/4	2,322.02	3/4	2,664.38	3/4	3,006.72	3/4	3,348.97

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
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BARGE "CTC 29116"

1 PORT INNAGE TABLE HERMETIC GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3026"

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	3,356.10	0	3,698.37	0	4,040.71	0	4,382.41	0	4,723.19	0		0		0		0		0	
1/4	3,363.23	1/4	3,705.50	1/4	4,047.85	1/4	4,389.51	1/4	4,730.29	1/4		1/4		1/4		1/4		1/4	
1/2	3,370.36	1/2	3,712.63	1/2	4,054.98	1/2	4,396.61	1/2	4,737.39	1/2		1/2		1/2		1/2		1/2	
3/4	3,377.49	3/4	3,719.77	3/4	4,062.11	3/4	4,403.71	3/4	4,744.49	3/4		3/4		3/4		3/4		3/4	
1	3,384.62	1	3,726.90	1	4,069.24	1	4,410.81	1	4,751.59	1		1		1		1		1	
1/4	3,391.75	1/4	3,734.03	1/4	4,076.38	1/4	4,417.91	1/4	4,758.69	1/4		1/4		1/4		1/4		1/4	
1/2	3,398.88	1/2	3,741.16	1/2	4,083.51	1/2	4,425.01	1/2	4,765.79	1/2		1/2		1/2		1/2		1/2	
3/4	3,406.01	3/4	3,748.29	3/4	4,090.64	3/4	4,432.11	3/4	4,772.89	3/4		3/4		3/4		3/4		3/4	
2	3,413.14	2	3,755.43	2	4,097.77	2	4,439.21	2	4,779.99	2		2		2		2		2	
1/4	3,420.27	1/4	3,762.56	1/4	4,104.90	1/4	4,446.30	1/4	4,787.09	1/4		1/4		1/4		1/4		1/4	
1/2	3,427.40	1/2	3,769.69	1/2	4,112.04	1/2	4,453.40	1/2	4,794.19	1/2		1/2		1/2		1/2		1/2	
3/4	3,434.53	3/4	3,776.82	3/4	4,119.17	3/4	4,460.50	3/4	4,801.28	3/4		3/4		3/4		3/4		3/4	
3	3,441.66	3	3,783.96	3	4,126.30	3	4,467.60	3	4,808.38	3		3		3		3		3	
1/4	3,448.79	1/4	3,791.09	1/4	4,133.43	1/4	4,474.70	1/4	4,815.44	1/4		1/4		1/4		1/4		1/4	
1/2	3,455.92	1/2	3,798.22	1/2	4,140.57	1/2	4,481.80	1/2	4,822.49	1/2		1/2		1/2		1/2		1/2	
3/4	3,463.05	3/4	3,805.35	3/4	4,147.70	3/4	4,488.90	3/4	4,829.55	3/4		3/4		3/4		3/4		3/4	
4	3,470.18	4	3,812.48	4	4,154.83	4	4,496.00	4	4,836.60	4		4		4		4		4	
1/4	3,477.31	1/4	3,819.62	1/4	4,161.96	1/4	4,503.10	1/4	4,843.66	1/4		1/4		1/4		1/4		1/4	
1/2	3,484.44	1/2	3,826.75	1/2	4,169.09	1/2	4,510.20	1/2	4,850.71	1/2		1/2		1/2		1/2		1/2	
3/4	3,491.57	3/4	3,833.88	3/4	4,176.23	3/4	4,517.30	3/4	4,857.77	3/4		3/4		3/4		3/4		3/4	
5	3,498.70	5	3,841.01	5	4,183.36	5	4,524.40	5	4,864.82	5		5		5		5		5	
1/4	3,505.83	1/4	3,848.15	1/4	4,190.49	1/4	4,531.50	1/4	4,871.87	1/4		1/4		1/4		1/4		1/4	
1/2	3,512.96	1/2	3,855.28	1/2	4,197.62	1/2	4,538.60	1/2	4,878.93	1/2		1/2		1/2		1/2		1/2	
3/4	3,520.09	3/4	3,862.41	3/4	4,204.76	3/4	4,545.70	3/4	4,885.98	3/4		3/4		3/4		3/4		3/4	
6	3,527.22	6	3,869.54	6	4,211.89	6	4,552.80	6	4,893.04	6		6		6		6		6	
1/4	3,534.35	1/4	3,876.67	1/4	4,219.02	1/4	4,559.90	1/4	4,900.08	1/4		1/4		1/4		1/4		1/4	
1/2	3,541.48	1/2	3,883.81	1/2	4,226.15	1/2	4,567.00	1/2	4,907.12	1/2		1/2		1/2		1/2		1/2	
3/4	3,548.61	3/4	3,890.94	3/4	4,233.28	3/4	4,574.10	3/4	4,914.16	3/4		3/4		3/4		3/4		3/4	
7	3,555.74	7	3,898.07	7	4,240.42	7	4,581.20	7	4,921.20	7		7		7		7		7	
1/4	3,562.87	1/4	3,905.20	1/4	4,247.52	1/4	4,588.30	1/4	4,928.19	1/4		1/4		1/4		1/4		1/4	
1/2	3,570.00	1/2	3,912.34	1/2	4,254.62	1/2	4,595.40	1/2	4,935.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,577.13	3/4	3,919.47	3/4	4,261.72	3/4	4,602.50	3/4	4,942.16	3/4		3/4		3/4		3/4		3/4	
8	3,584.26	8	3,926.60	8	4,268.81	8	4,609.60	8	4,949.14	8		8		8		8		8	
1/4	3,591.39	1/4	3,933.73	1/4	4,275.91	1/4	4,616.70	1/4	4,955.31	1/4		1/4		1/4		1/4		1/4	
1/2	3,598.52	1/2	3,940.86	1/2	4,283.01	1/2	4,623.79	1/2	4,961.47	1/2		1/2		1/2		1/2		1/2	
3/4	3,605.65	3/4	3,948.00	3/4	4,290.11	3/4	4,630.89	3/4	4,967.63	3/4		3/4		3/4		3/4		3/4	
9	3,612.78	9	3,955.13	9	4,297.21	9	4,637.99	9	4,973.80	9		9		9		9		9	
1/4	3,619.91	1/4	3,962.26	1/4	4,304.31	1/4	4,645.09	1/4	4,978.77	1/4		1/4		1/4		1/4		1/4	
1/2	3,627.05	1/2	3,969.39	1/2	4,311.41	1/2	4,652.19	1/2	4,983.74	1/2		1/2		1/2		1/2		1/2	
3/4	3,634.18	3/4	3,976.52	3/4	4,318.51	3/4	4,659.29	3/4	4,988.72	3/4		3/4		3/4		3/4		3/4	
10	3,641.31	10	3,983.66	10	4,325.61	10	4,666.39	10	4,993.69	10		10		10		10		10	
1/4	3,648.44	1/4	3,990.79	1/4	4,332.71	1/4	4,673.49	1/4	4,997.48	1/4		1/4		1/4		1/4		1/4	
1/2	3,655.58	1/2	3,997.92	1/2	4,339.81	1/2	4,680.59	1/2	5,001.26	1/2		1/2		1/2		1/2		1/2	
3/4	3,662.71	3/4	4,005.05	3/4	4,346.91	3/4	4,687.69	3/4	5,005.05	3/4		3/4		3/4		3/4		3/4	
11	3,669.84	11	4,012.19	11	4,354.01	11	4,694.79	11	5,008.84	11		11		11		11		11	
1/4	3,676.97	1/4	4,019.32	1/4	4,361.11	1/4	4,701.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,684.10	1/2	4,026.45	1/2	4,368.21	1/2	4,708.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,691.24	3/4	4,033.58	3/4	4,375.31	3/4	4,716.09	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/10/2021 CL
CALCULATED: 11/10/2021 CL
NAME CHANGE: 03/27/2023 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023



BARGE "CTC 29116"

1 STBD INNAGE TABLE

HERMETIC GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3026"

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	14.65	0	274.70	0	609.24	0	951.76	0	1,294.42	0	1,637.16	0	1,979.90	0	2,322.64	0	2,665.37	0	3,008.07
1/4	17.56	1/4	281.30	1/4	616.38	1/4	958.89	1/4	1,301.56	1/4	1,644.30	1/4	1,987.04	1/4	2,329.78	1/4	2,672.51	1/4	3,015.21
1/2	20.48	1/2	287.89	1/2	623.52	1/2	966.02	1/2	1,308.70	1/2	1,651.44	1/2	1,994.18	1/2	2,336.92	1/2	2,679.65	1/2	3,022.35
3/4	23.40	3/4	294.49	3/4	630.66	3/4	973.15	3/4	1,315.84	3/4	1,658.58	3/4	2,001.32	3/4	2,344.06	3/4	2,686.79	3/4	3,029.48
1	26.32	1	301.09	1	637.80	1	980.28	1	1,322.98	1	1,665.72	1	2,008.46	1	2,351.20	1	2,693.93	1	3,036.62
1/4	31.10	1/4	307.77	1/4	644.94	1/4	987.41	1/4	1,330.12	1/4	1,672.86	1/4	2,015.60	1/4	2,358.34	1/4	2,701.07	1/4	3,043.76
1/2	35.89	1/2	314.45	1/2	652.08	1/2	994.54	1/2	1,337.26	1/2	1,680.00	1/2	2,022.74	1/2	2,365.48	1/2	2,708.21	1/2	3,050.90
3/4	40.67	3/4	321.13	3/4	659.22	3/4	1,001.68	3/4	1,344.40	3/4	1,687.14	3/4	2,029.88	3/4	2,372.62	3/4	2,715.35	3/4	3,058.04
2	45.46	2	327.81	2	666.36	2	1,008.81	2	1,351.54	2	1,694.28	2	2,037.02	2	2,379.76	2	2,722.49	2	3,065.17
1/4	51.18	1/4	334.58	1/4	673.50	1/4	1,015.95	1/4	1,358.68	1/4	1,701.42	1/4	2,044.16	1/4	2,386.90	1/4	2,729.63	1/4	3,072.31
1/2	56.91	1/2	341.34	1/2	680.64	1/2	1,023.09	1/2	1,365.82	1/2	1,708.56	1/2	2,051.30	1/2	2,394.04	1/2	2,736.77	1/2	3,079.45
3/4	62.64	3/4	348.10	3/4	687.78	3/4	1,030.23	3/4	1,372.97	3/4	1,715.70	3/4	2,058.44	3/4	2,401.18	3/4	2,743.91	3/4	3,086.59
3	68.36	3	354.87	3	694.92	3	1,037.37	3	1,380.11	3	1,722.84	3	2,065.58	3	2,408.32	3	2,751.05	3	3,093.73
1/4	74.20	1/4	361.72	1/4	702.06	1/4	1,044.51	1/4	1,387.25	1/4	1,729.99	1/4	2,072.72	1/4	2,415.46	1/4	2,758.19	1/4	3,100.86
1/2	80.03	1/2	368.56	1/2	709.20	1/2	1,051.65	1/2	1,394.39	1/2	1,737.13	1/2	2,079.86	1/2	2,422.60	1/2	2,765.33	1/2	3,108.00
3/4	85.87	3/4	375.41	3/4	716.34	3/4	1,058.79	3/4	1,401.53	3/4	1,744.27	3/4	2,087.01	3/4	2,429.74	3/4	2,772.47	3/4	3,115.14
4	91.70	4	382.26	4	723.48	4	1,065.93	4	1,408.67	4	1,751.41	4	2,094.15	4	2,436.88	4	2,779.61	4	3,122.28
1/4	97.63	1/4	389.19	1/4	730.62	1/4	1,073.07	1/4	1,415.81	1/4	1,758.55	1/4	2,101.29	1/4	2,444.03	1/4	2,786.75	1/4	3,129.42
1/2	103.56	1/2	396.12	1/2	737.76	1/2	1,080.21	1/2	1,422.95	1/2	1,765.69	1/2	2,108.43	1/2	2,451.17	1/2	2,793.89	1/2	3,136.55
3/4	109.49	3/4	403.05	3/4	744.90	3/4	1,087.35	3/4	1,430.09	3/4	1,772.83	3/4	2,115.57	3/4	2,458.31	3/4	2,801.03	3/4	3,143.69
5	115.42	5	409.99	5	752.04	5	1,094.49	5	1,437.23	5	1,779.97	5	2,122.71	5	2,465.45	5	2,808.17	5	3,150.83
1/4	121.43	1/4	417.00	1/4	759.18	1/4	1,101.63	1/4	1,444.37	1/4	1,787.11	1/4	2,129.85	1/4	2,472.59	1/4	2,815.31	1/4	3,157.97
1/2	127.44	1/2	424.02	1/2	766.32	1/2	1,108.77	1/2	1,451.51	1/2	1,794.25	1/2	2,136.99	1/2	2,479.73	1/2	2,822.45	1/2	3,165.11
3/4	133.46	3/4	431.03	3/4	773.46	3/4	1,115.91	3/4	1,458.65	3/4	1,801.39	3/4	2,144.13	3/4	2,486.87	3/4	2,829.59	3/4	3,172.24
6	139.47	6	438.05	6	780.60	6	1,123.05	6	1,465.79	6	1,808.53	6	2,151.27	6	2,494.01	6	2,836.72	6	3,179.38
1/4	145.09	1/4	445.14	1/4	787.73	1/4	1,130.19	1/4	1,472.93	1/4	1,815.67	1/4	2,158.41	1/4	2,501.15	1/4	2,843.86	1/4	3,186.52
1/2	150.71	1/2	452.24	1/2	794.86	1/2	1,137.33	1/2	1,480.07	1/2	1,822.81	1/2	2,165.55	1/2	2,508.29	1/2	2,851.00	1/2	3,193.66
3/4	156.34	3/4	459.34	3/4	802.00	3/4	1,144.47	3/4	1,487.21	3/4	1,829.95	3/4	2,172.69	3/4	2,515.43	3/4	2,858.14	3/4	3,200.80
7	161.96	7	466.44	7	809.13	7	1,151.61	7	1,494.35	7	1,837.09	7	2,179.83	7	2,522.57	7	2,865.28	7	3,207.93
1/4	167.37	1/4	473.58	1/4	816.26	1/4	1,158.75	1/4	1,501.49	1/4	1,844.23	1/4	2,186.97	1/4	2,529.71	1/4	2,872.42	1/4	3,215.07
1/2	172.78	1/2	480.72	1/2	823.39	1/2	1,165.89	1/2	1,508.63	1/2	1,851.37	1/2	2,194.11	1/2	2,536.85	1/2	2,879.56	1/2	3,222.21
3/4	178.19	3/4	487.86	3/4	830.52	3/4	1,173.03	3/4	1,515.77	3/4	1,858.51	3/4	2,201.25	3/4	2,543.99	3/4	2,886.70	3/4	3,229.35
8	183.60	8	495.00	8	837.65	8	1,180.17	8	1,522.91	8	1,865.65	8	2,208.39	8	2,551.13	8	2,893.84	8	3,236.49
1/4	189.10	1/4	502.14	1/4	844.78	1/4	1,187.31	1/4	1,530.05	1/4	1,872.79	1/4	2,215.53	1/4	2,558.27	1/4	2,900.98	1/4	3,243.62
1/2	194.59	1/2	509.28	1/2	851.92	1/2	1,194.46	1/2	1,537.19	1/2	1,879.93	1/2	2,222.67	1/2	2,565.41	1/2	2,908.12	1/2	3,250.76
3/4	200.09	3/4	516.42	3/4	859.05	3/4	1,201.60	3/4	1,544.33	3/4	1,887.07	3/4	2,229.81	3/4	2,572.55	3/4	2,915.26	3/4	3,257.90
9	205.58	9	523.56	9	866.18	9	1,208.74	9	1,551.48	9	1,894.21	9	2,236.95	9	2,579.69	9	2,922.40	9	3,265.04
1/4	211.16	1/4	530.70	1/4	873.31	1/4	1,215.88	1/4	1,558.62	1/4	1,901.35	1/4	2,244.09	1/4	2,586.83	1/4	2,929.54	1/4	3,272.18
1/2	216.74	1/2	537.84	1/2	880.44	1/2	1,223.02	1/2	1,565.76	1/2	1,908.50	1/2	2,251.23	1/2	2,593.97	1/2	2,936.68	1/2	3,279.31
3/4	222.31	3/4	544.98	3/4	887.57	3/4	1,230.16	3/4	1,572.90	3/4	1,915.64	3/4	2,258.37	3/4	2,601.11	3/4	2,943.82	3/4	3,286.45
10	227.89	10	552.12	10	894.70	10	1,237.30	10	1,580.04	10	1,922.78	10	2,265.52	10	2,608.25	10	2,950.96	10	3,293.59
1/4	233.55	1/4	559.26	1/4	901.84	1/4	1,244.44	1/4	1,587.18	1/4	1,929.92	1/4	2,272.66	1/4	2,615.39	1/4	2,958.10	1/4	3,300.73
1/2	239.22	1/2	566.40	1/2	908.97	1/2	1,251.58	1/2	1,594.32	1/2	1,937.06	1/2	2,279.80	1/2	2,622.53	1/2	2,965.24	1/2	3,307.87
3/4	244.88	3/4	573.54	3/4	916.10	3/4	1,258.72	3/4	1,601.46	3/4	1,944.20	3/4	2,286.94	3/4	2,629.67	3/4	2,972.38	3/4	3,315.00
11	250.54	11	580.68	11	923.23	11	1,265.86	11	1,608.60	11	1,951.34	11	2,294.08	11	2,636.81	11	2,979.52	11	3,322.14
1/4	256.58	1/4	587.82	1/4	930.36	1/4	1,273.00	1/4	1,615.74	1/4	1,958.48	1/4	2,301.22	1/4	2,643.95	1/4	2,986.66	1/4	3,329.28
1/2	262.62	1/2	594.96	1/2	937.49	1/2	1,280.14	1/2	1,622.88	1/2	1,965.62	1/2	2,308.36	1/2	2,651.09	1/2	2,993.79	1/2	3,336.42
3/4	268.66	3/4	602.10	3/4	944.62	3/4	1,287.28	3/4	1,630.02	3/4	1,972.76	3/4	2,315.50	3/4	2,658.23	3/4	3,000.93	3/4	3,343.56

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

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 29116"

**1 STBD
INNAGE TABLE
HERMETIC
GAUGE HEIGHT 16'-05"**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3026"

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	3,350.69	0	3,693.34	0	4,036.05	0	4,378.11	0	4,719.26	0		0		0		0		0	
1/4	3,357.83	1/4	3,700.48	1/4	4,043.19	1/4	4,385.22	1/4	4,726.37	1/4		1/4		1/4		1/4		1/4	
1/2	3,364.97	1/2	3,707.62	1/2	4,050.33	1/2	4,392.33	1/2	4,733.48	1/2		1/2		1/2		1/2		1/2	
3/4	3,372.11	3/4	3,714.76	3/4	4,057.47	3/4	4,399.43	3/4	4,740.58	3/4		3/4		3/4		3/4		3/4	
1	3,379.25	1	3,721.90	1	4,064.61	1	4,406.54	1	4,747.69	1		1		1		1		1	
1/4	3,386.38	1/4	3,729.04	1/4	4,071.75	1/4	4,413.65	1/4	4,754.80	1/4		1/4		1/4		1/4		1/4	
1/2	3,393.52	1/2	3,736.18	1/2	4,078.89	1/2	4,420.75	1/2	4,761.91	1/2		1/2		1/2		1/2		1/2	
3/4	3,400.66	3/4	3,743.32	3/4	4,086.03	3/4	4,427.86	3/4	4,769.01	3/4		3/4		3/4		3/4		3/4	
2	3,407.80	2	3,750.46	2	4,093.17	2	4,434.97	2	4,776.12	2		2		2		2		2	
1/4	3,414.94	1/4	3,757.60	1/4	4,100.31	1/4	4,442.08	1/4	4,783.23	1/4		1/4		1/4		1/4		1/4	
1/2	3,422.07	1/2	3,764.74	1/2	4,107.45	1/2	4,449.18	1/2	4,790.33	1/2		1/2		1/2		1/2		1/2	
3/4	3,429.21	3/4	3,771.88	3/4	4,114.59	3/4	4,456.29	3/4	4,797.44	3/4		3/4		3/4		3/4		3/4	
3	3,436.35	3	3,779.02	3	4,121.73	3	4,463.40	3	4,804.55	3		3		3		3		3	
1/4	3,443.49	1/4	3,786.16	1/4	4,128.87	1/4	4,470.51	1/4	4,811.61	1/4		1/4		1/4		1/4		1/4	
1/2	3,450.63	1/2	3,793.30	1/2	4,136.01	1/2	4,477.61	1/2	4,818.67	1/2		1/2		1/2		1/2		1/2	
3/4	3,457.76	3/4	3,800.44	3/4	4,143.15	3/4	4,484.72	3/4	4,825.74	3/4		3/4		3/4		3/4		3/4	
4	3,464.90	4	3,807.58	4	4,150.29	4	4,491.83	4	4,832.80	4		4		4		4		4	
1/4	3,472.04	1/4	3,814.72	1/4	4,157.43	1/4	4,498.94	1/4	4,839.86	1/4		1/4		1/4		1/4		1/4	
1/2	3,479.18	1/2	3,821.86	1/2	4,164.57	1/2	4,506.04	1/2	4,846.93	1/2		1/2		1/2		1/2		1/2	
3/4	3,486.32	3/4	3,829.00	3/4	4,171.71	3/4	4,513.15	3/4	4,853.99	3/4		3/4		3/4		3/4		3/4	
5	3,493.45	5	3,836.14	5	4,178.85	5	4,520.26	5	4,861.05	5		5		5		5		5	
1/4	3,500.59	1/4	3,843.28	1/4	4,185.99	1/4	4,527.36	1/4	4,868.11	1/4		1/4		1/4		1/4		1/4	
1/2	3,507.73	1/2	3,850.42	1/2	4,193.13	1/2	4,534.47	1/2	4,875.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,514.87	3/4	3,857.56	3/4	4,200.27	3/4	4,541.58	3/4	4,882.23	3/4		3/4		3/4		3/4		3/4	
6	3,522.01	6	3,864.70	6	4,207.41	6	4,548.69	6	4,889.29	6		6		6		6		6	
1/4	3,529.14	1/4	3,871.84	1/4	4,214.55	1/4	4,555.79	1/4	4,896.34	1/4		1/4		1/4		1/4		1/4	
1/2	3,536.28	1/2	3,878.98	1/2	4,221.69	1/2	4,562.90	1/2	4,903.39	1/2		1/2		1/2		1/2		1/2	
3/4	3,543.42	3/4	3,886.11	3/4	4,228.83	3/4	4,570.01	3/4	4,910.44	3/4		3/4		3/4		3/4		3/4	
7	3,550.56	7	3,893.25	7	4,235.97	7	4,577.12	7	4,917.49	7		7		7		7		7	
1/4	3,557.70	1/4	3,900.39	1/4	4,243.07	1/4	4,584.22	1/4	4,924.48	1/4		1/4		1/4		1/4		1/4	
1/2	3,564.83	1/2	3,907.53	1/2	4,250.18	1/2	4,591.33	1/2	4,931.47	1/2		1/2		1/2		1/2		1/2	
3/4	3,571.97	3/4	3,914.67	3/4	4,257.29	3/4	4,598.44	3/4	4,938.47	3/4		3/4		3/4		3/4		3/4	
8	3,579.11	8	3,921.81	8	4,264.39	8	4,605.54	8	4,945.46	8		8		8		8		8	
1/4	3,586.25	1/4	3,928.95	1/4	4,271.50	1/4	4,612.65	1/4	4,951.63	1/4		1/4		1/4		1/4		1/4	
1/2	3,593.39	1/2	3,936.09	1/2	4,278.61	1/2	4,619.76	1/2	4,957.80	1/2		1/2		1/2		1/2		1/2	
3/4	3,600.52	3/4	3,943.23	3/4	4,285.72	3/4	4,626.87	3/4	4,963.97	3/4		3/4		3/4		3/4		3/4	
9	3,607.66	9	3,950.37	9	4,292.82	9	4,633.97	9	4,970.14	9		9		9		9		9	
1/4	3,614.80	1/4	3,957.51	1/4	4,299.93	1/4	4,641.08	1/4	4,975.12	1/4		1/4		1/4		1/4		1/4	
1/2	3,621.94	1/2	3,964.65	1/2	4,307.04	1/2	4,648.19	1/2	4,980.10	1/2		1/2		1/2		1/2		1/2	
3/4	3,629.08	3/4	3,971.79	3/4	4,314.15	3/4	4,655.30	3/4	4,985.08	3/4		3/4		3/4		3/4		3/4	
10	3,636.22	10	3,978.93	10	4,321.25	10	4,662.40	10	4,990.06	10		10		10		10		10	
1/4	3,643.36	1/4	3,986.07	1/4	4,328.36	1/4	4,669.51	1/4	4,993.85	1/4		1/4		1/4		1/4		1/4	
1/2	3,650.50	1/2	3,993.21	1/2	4,335.47	1/2	4,676.62	1/2	4,997.64	1/2		1/2		1/2		1/2		1/2	
3/4	3,657.64	3/4	4,000.35	3/4	4,342.57	3/4	4,683.72	3/4	5,001.43	3/4		3/4		3/4		3/4		3/4	
11	3,664.78	11	4,007.49	11	4,349.68	11	4,690.83	11	5,005.22	11		11		11		11		11	
1/4	3,671.92	1/4	4,014.63	1/4	4,356.79	1/4	4,697.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,679.06	1/2	4,021.77	1/2	4,363.90	1/2	4,705.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,686.20	3/4	4,028.91	3/4	4,371.00	3/4	4,712.15	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/10/2021 CL
CALCULATED: 11/10/2021 CL
NAME CHANGE: 03/27/2023 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023





BARGE "CTC 29116"

2 PORT INNAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3026"

GAUGE HEIGHT 16'-05 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	14.67	0	338.72	0	681.98	0	1,015.54	0	1,354.03	0	1,697.32	0	2,040.60	0	2,383.88	0	2,727.16	0	3,070.43
1/4	19.14	1/4	345.87	1/4	689.13	1/4	1,022.39	1/4	1,361.19	1/4	1,704.47	1/4	2,047.75	1/4	2,391.03	1/4	2,734.31	1/4	3,077.58
1/2	23.61	1/2	353.02	1/2	696.28	1/2	1,029.23	1/2	1,368.34	1/2	1,711.62	1/2	2,054.90	1/2	2,398.18	1/2	2,741.46	1/2	3,084.73
3/4	28.08	3/4	360.17	3/4	703.43	3/4	1,036.07	3/4	1,375.49	3/4	1,718.77	3/4	2,062.05	3/4	2,405.33	3/4	2,748.62	3/4	3,091.88
1	32.55	1	367.32	1	710.58	1	1,042.92	1	1,382.64	1	1,725.92	1	2,069.20	1	2,412.49	1	2,755.77	1	3,099.03
1/4	38.80	1/4	374.47	1/4	717.73	1/4	1,049.76	1/4	1,389.79	1/4	1,733.07	1/4	2,076.36	1/4	2,419.64	1/4	2,762.92	1/4	3,106.18
1/2	45.06	1/2	381.62	1/2	724.89	1/2	1,056.61	1/2	1,396.94	1/2	1,740.23	1/2	2,083.51	1/2	2,426.79	1/2	2,770.07	1/2	3,113.33
3/4	51.31	3/4	388.77	3/4	732.04	3/4	1,063.45	3/4	1,404.10	3/4	1,747.38	3/4	2,090.66	3/4	2,433.94	3/4	2,777.22	3/4	3,120.48
2	57.57	2	395.93	2	739.19	2	1,070.29	2	1,411.25	2	1,754.53	2	2,097.81	2	2,441.09	2	2,784.37	2	3,127.63
1/4	64.68	1/4	403.08	1/4	746.34	1/4	1,077.15	1/4	1,418.40	1/4	1,761.68	1/4	2,104.96	1/4	2,448.24	1/4	2,791.53	1/4	3,134.78
1/2	71.80	1/2	410.23	1/2	753.49	1/2	1,084.00	1/2	1,425.55	1/2	1,768.83	1/2	2,112.11	1/2	2,455.40	1/2	2,798.68	1/2	3,141.93
3/4	78.92	3/4	417.38	3/4	760.64	3/4	1,090.85	3/4	1,432.70	3/4	1,775.98	3/4	2,119.27	3/4	2,462.55	3/4	2,805.83	3/4	3,149.08
3	86.03	3	424.53	3	767.79	3	1,097.70	3	1,439.86	3	1,783.14	3	2,126.42	3	2,469.70	3	2,812.98	3	3,156.23
1/4	93.17	1/4	431.68	1/4	774.95	1/4	1,104.57	1/4	1,447.01	1/4	1,790.29	1/4	2,133.57	1/4	2,476.85	1/4	2,820.13	1/4	3,163.38
1/2	100.31	1/2	438.83	1/2	782.10	1/2	1,111.44	1/2	1,454.16	1/2	1,797.44	1/2	2,140.72	1/2	2,484.00	1/2	2,827.28	1/2	3,170.53
3/4	107.45	3/4	445.99	3/4	789.25	3/4	1,118.31	3/4	1,461.31	3/4	1,804.59	3/4	2,147.87	3/4	2,491.15	3/4	2,834.44	3/4	3,177.68
4	114.59	4	453.14	4	796.40	4	1,125.18	4	1,468.46	4	1,811.74	4	2,155.02	4	2,498.31	4	2,841.59	4	3,184.83
1/4	121.74	1/4	460.29	1/4	803.27	1/4	1,132.33	1/4	1,475.61	1/4	1,818.90	1/4	2,162.18	1/4	2,505.46	1/4	2,848.74	1/4	3,191.98
1/2	128.89	1/2	467.44	1/2	810.14	1/2	1,139.48	1/2	1,482.77	1/2	1,826.05	1/2	2,169.33	1/2	2,512.61	1/2	2,855.89	1/2	3,199.12
3/4	136.04	3/4	474.59	3/4	817.01	3/4	1,146.64	3/4	1,489.92	3/4	1,833.20	3/4	2,176.48	3/4	2,519.76	3/4	2,863.04	3/4	3,206.27
5	143.19	5	481.74	5	823.88	5	1,153.79	5	1,497.07	5	1,840.35	5	2,183.63	5	2,526.91	5	2,870.19	5	3,213.42
1/4	150.35	1/4	488.89	1/4	830.73	1/4	1,160.94	1/4	1,504.22	1/4	1,847.50	1/4	2,190.78	1/4	2,534.07	1/4	2,877.35	1/4	3,220.57
1/2	157.50	1/2	496.04	1/2	837.58	1/2	1,168.09	1/2	1,511.37	1/2	1,854.65	1/2	2,197.94	1/2	2,541.22	1/2	2,884.50	1/2	3,227.72
3/4	164.65	3/4	503.20	3/4	844.44	3/4	1,175.24	3/4	1,518.52	3/4	1,861.81	3/4	2,205.09	3/4	2,548.37	3/4	2,891.65	3/4	3,234.87
6	171.80	6	510.35	6	851.29	6	1,182.39	6	1,525.68	6	1,868.96	6	2,212.24	6	2,555.52	6	2,898.80	6	3,242.02
1/4	178.95	1/4	517.50	1/4	858.13	1/4	1,189.55	1/4	1,532.83	1/4	1,876.11	1/4	2,219.39	1/4	2,562.67	1/4	2,905.95	1/4	3,249.17
1/2	186.10	1/2	524.65	1/2	864.98	1/2	1,196.70	1/2	1,539.98	1/2	1,883.26	1/2	2,226.54	1/2	2,569.82	1/2	2,913.11	1/2	3,256.32
3/4	193.25	3/4	531.80	3/4	871.82	3/4	1,203.85	3/4	1,547.13	3/4	1,890.41	3/4	2,233.69	3/4	2,576.98	3/4	2,920.26	3/4	3,263.47
7	200.41	7	538.95	7	878.66	7	1,211.00	7	1,554.28	7	1,897.56	7	2,240.85	7	2,584.13	7	2,927.41	7	3,270.62
1/4	207.26	1/4	546.10	1/4	885.51	1/4	1,218.15	1/4	1,561.43	1/4	1,904.72	1/4	2,248.00	1/4	2,591.28	1/4	2,934.56	1/4	3,277.77
1/2	214.12	1/2	553.25	1/2	892.35	1/2	1,225.30	1/2	1,568.59	1/2	1,911.87	1/2	2,255.15	1/2	2,598.43	1/2	2,941.71	1/2	3,284.92
3/4	220.97	3/4	560.41	3/4	899.19	3/4	1,232.46	3/4	1,575.74	3/4	1,919.02	3/4	2,262.30	3/4	2,605.58	3/4	2,948.86	3/4	3,292.07
8	227.83	8	567.56	8	906.04	8	1,239.61	8	1,582.89	8	1,926.17	8	2,269.45	8	2,612.73	8	2,956.02	8	3,299.22
1/4	234.69	1/4	574.71	1/4	912.88	1/4	1,246.76	1/4	1,590.04	1/4	1,933.32	1/4	2,276.60	1/4	2,619.89	1/4	2,963.17	1/4	3,306.37
1/2	241.54	1/2	581.86	1/2	919.73	1/2	1,253.91	1/2	1,597.19	1/2	1,940.47	1/2	2,283.76	1/2	2,627.04	1/2	2,970.32	1/2	3,313.52
3/4	248.40	3/4	589.01	3/4	926.57	3/4	1,261.06	3/4	1,604.34	3/4	1,947.63	3/4	2,290.91	3/4	2,634.19	3/4	2,977.47	3/4	3,320.67
9	255.26	9	596.16	9	933.41	9	1,268.21	9	1,611.50	9	1,954.78	9	2,298.06	9	2,641.34	9	2,984.62	9	3,327.82
1/4	262.11	1/4	603.31	1/4	940.26	1/4	1,275.37	1/4	1,618.65	1/4	1,961.93	1/4	2,305.21	1/4	2,648.49	1/4	2,991.77	1/4	3,334.97
1/2	268.97	1/2	610.47	1/2	947.10	1/2	1,282.52	1/2	1,625.80	1/2	1,969.08	1/2	2,312.36	1/2	2,655.64	1/2	2,998.93	1/2	3,342.11
3/4	275.83	3/4	617.62	3/4	953.95	3/4	1,289.67	3/4	1,632.95	3/4	1,976.23	3/4	2,319.51	3/4	2,662.80	3/4	3,006.08	3/4	3,349.26
10	282.68	10	624.77	10	960.79	10	1,296.82	10	1,640.10	10	1,983.38	10	2,326.67	10	2,669.95	10	3,013.23	10	3,356.41
1/4	289.54	1/4	631.92	1/4	967.63	1/4	1,303.97	1/4	1,647.25	1/4	1,990.54	1/4	2,333.82	1/4	2,677.10	1/4	3,020.38	1/4	3,363.56
1/2	296.40	1/2	639.07	1/2	974.48	1/2	1,311.12	1/2	1,654.41	1/2	1,997.69	1/2	2,340.97	1/2	2,684.25	1/2	3,027.53	1/2	3,370.71
3/4	303.25	3/4	646.22	3/4	981.32	3/4	1,318.28	3/4	1,661.56	3/4	2,004.84	3/4	2,348.12	3/4	2,691.40	3/4	3,034.68	3/4	3,377.86
11	310.11	11	653.37	11	988.17	11	1,325.43	11	1,668.71	11	2,011.99	11	2,355.27	11	2,698.55	11	3,041.84	11	3,385.01
1/4	317.26	1/4	660.52	1/4	995.01	1/4	1,332.58	1/4	1,675.86	1/4	2,019.14	1/4	2,362.42	1/4	2,705.71	1/4	3,048.99	1/4	3,392.16
1/2	324.41	1/2	667.68	1/2	1,001.85	1/2	1,339.73	1/2	1,683.01	1/2	2,026.29	1/2	2,369.58	1/2	2,712.86	1/2	3,056.13	1/2	3,399.31
3/4	331.56	3/4	674.83	3/4	1,008.70	3/4	1,346.88	3/4	1,690.16	3/4	2,033.45	3/4	2,376.73	3/4	2,720.01	3/4	3,063.28	3/4	3,406.46

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

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 29116"

2 PORT INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3026"

GAUGE HEIGHT 16'-05 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	3,413.61	0	3,756.79	0	4,099.96	0	4,442.48	0	4,784.09	0		0		0		0		0	
1/4	3,420.76	1/4	3,763.94	1/4	4,107.11	1/4	4,449.60	1/4	4,791.21	1/4		1/4		1/4		1/4		1/4	
1/2	3,427.91	1/2	3,771.08	1/2	4,114.26	1/2	4,456.72	1/2	4,798.32	1/2		1/2		1/2		1/2		1/2	
3/4	3,435.06	3/4	3,778.23	3/4	4,121.41	3/4	4,463.83	3/4	4,805.44	3/4		3/4		3/4		3/4		3/4	
1	3,442.21	1	3,785.38	1	4,128.56	1	4,470.95	1	4,812.56	1		1		1		1		1	
1/4	3,449.36	1/4	3,792.53	1/4	4,135.71	1/4	4,478.07	1/4	4,819.67	1/4		1/4		1/4		1/4		1/4	
1/2	3,456.51	1/2	3,799.68	1/2	4,142.86	1/2	4,485.18	1/2	4,826.79	1/2		1/2		1/2		1/2		1/2	
3/4	3,463.66	3/4	3,806.83	3/4	4,150.01	3/4	4,492.30	3/4	4,833.91	3/4		3/4		3/4		3/4		3/4	
2	3,470.81	2	3,813.98	2	4,157.16	2	4,499.42	2	4,841.02	2		2		2		2		2	
1/4	3,477.96	1/4	3,821.13	1/4	4,164.31	1/4	4,506.53	1/4	4,848.14	1/4		1/4		1/4		1/4		1/4	
1/2	3,485.10	1/2	3,828.28	1/2	4,171.46	1/2	4,513.65	1/2	4,855.26	1/2		1/2		1/2		1/2		1/2	
3/4	3,492.25	3/4	3,835.43	3/4	4,178.61	3/4	4,520.77	3/4	4,862.37	3/4		3/4		3/4		3/4		3/4	
3	3,499.40	3	3,842.58	3	4,185.76	3	4,527.89	3	4,869.49	3		3		3		3		3	
1/4	3,506.55	1/4	3,849.73	1/4	4,192.91	1/4	4,535.00	1/4	4,876.56	1/4		1/4		1/4		1/4		1/4	
1/2	3,513.70	1/2	3,856.88	1/2	4,200.05	1/2	4,542.12	1/2	4,883.64	1/2		1/2		1/2		1/2		1/2	
3/4	3,520.85	3/4	3,864.03	3/4	4,207.20	3/4	4,549.24	3/4	4,890.71	3/4		3/4		3/4		3/4		3/4	
4	3,528.00	4	3,871.18	4	4,214.35	4	4,556.35	4	4,897.78	4		4		4		4		4	
1/4	3,535.15	1/4	3,878.33	1/4	4,221.50	1/4	4,563.47	1/4	4,904.86	1/4		1/4		1/4		1/4		1/4	
1/2	3,542.30	1/2	3,885.48	1/2	4,228.65	1/2	4,570.59	1/2	4,911.93	1/2		1/2		1/2		1/2		1/2	
3/4	3,549.45	3/4	3,892.63	3/4	4,235.80	3/4	4,577.70	3/4	4,919.00	3/4		3/4		3/4		3/4		3/4	
5	3,556.60	5	3,899.78	5	4,242.95	5	4,584.82	5	4,926.07	5		5		5		5		5	
1/4	3,563.75	1/4	3,906.93	1/4	4,250.10	1/4	4,591.94	1/4	4,933.14	1/4		1/4		1/4		1/4		1/4	
1/2	3,570.90	1/2	3,914.07	1/2	4,257.25	1/2	4,599.05	1/2	4,940.21	1/2		1/2		1/2		1/2		1/2	
3/4	3,578.05	3/4	3,921.22	3/4	4,264.40	3/4	4,606.17	3/4	4,947.28	3/4		3/4		3/4		3/4		3/4	
6	3,585.20	6	3,928.37	6	4,271.55	6	4,613.29	6	4,954.35	6		6		6		6		6	
1/4	3,592.35	1/4	3,935.52	1/4	4,278.70	1/4	4,620.40	1/4	4,961.41	1/4		1/4		1/4		1/4		1/4	
1/2	3,599.50	1/2	3,942.67	1/2	4,285.85	1/2	4,627.52	1/2	4,968.47	1/2		1/2		1/2		1/2		1/2	
3/4	3,606.65	3/4	3,949.82	3/4	4,293.00	3/4	4,634.64	3/4	4,975.52	3/4		3/4		3/4		3/4		3/4	
7	3,613.80	7	3,956.97	7	4,300.15	7	4,641.75	7	4,982.58	7		7		7		7		7	
1/4	3,620.95	1/4	3,964.12	1/4	4,307.26	1/4	4,648.87	1/4	4,989.58	1/4		1/4		1/4		1/4		1/4	
1/2	3,628.09	1/2	3,971.27	1/2	4,314.38	1/2	4,655.99	1/2	4,996.59	1/2		1/2		1/2		1/2		1/2	
3/4	3,635.24	3/4	3,978.42	3/4	4,321.50	3/4	4,663.10	3/4	5,003.59	3/4		3/4		3/4		3/4		3/4	
8	3,642.39	8	3,985.57	8	4,328.61	8	4,670.22	8	5,010.59	8		8		8		8		8	
1/4	3,649.54	1/4	3,992.72	1/4	4,335.73	1/4	4,677.34	1/4	5,016.77	1/4		1/4		1/4		1/4		1/4	
1/2	3,656.69	1/2	3,999.87	1/2	4,342.85	1/2	4,684.45	1/2	5,022.95	1/2		1/2		1/2		1/2		1/2	
3/4	3,663.84	3/4	4,007.02	3/4	4,349.97	3/4	4,691.57	3/4	5,029.13	3/4		3/4		3/4		3/4		3/4	
9	3,670.99	9	4,014.17	9	4,357.08	9	4,698.69	9	5,035.31	9		9		9		9		9	
1/4	3,678.14	1/4	4,021.32	1/4	4,364.20	1/4	4,705.81	1/4	5,040.29	1/4		1/4		1/4		1/4		1/4	
1/2	3,685.29	1/2	4,028.47	1/2	4,371.32	1/2	4,712.92	1/2	5,045.28	1/2		1/2		1/2		1/2		1/2	
3/4	3,692.44	3/4	4,035.62	3/4	4,378.43	3/4	4,720.04	3/4	5,050.26	3/4		3/4		3/4		3/4		3/4	
10	3,699.59	10	4,042.77	10	4,385.55	10	4,727.16	10	5,055.25	10		10		10		10		10	
1/4	3,706.74	1/4	4,049.92	1/4	4,392.67	1/4	4,734.27	1/4	5,059.04	1/4		1/4		1/4		1/4		1/4	
1/2	3,713.89	1/2	4,057.06	1/2	4,399.78	1/2	4,741.39	1/2	5,062.84	1/2		1/2		1/2		1/2		1/2	
3/4	3,721.04	3/4	4,064.21	3/4	4,406.90	3/4	4,748.51	3/4	5,066.63	3/4		3/4		3/4		3/4		3/4	
11	3,728.19	11	4,071.36	11	4,414.02	11	4,755.62	11	5,070.43	11		11		11		11		11	
1/4	3,735.34	1/4	4,078.51	1/4	4,421.13	1/4	4,762.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,742.49	1/2	4,085.66	1/2	4,428.25	1/2	4,769.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,749.64	3/4	4,092.81	3/4	4,435.37	3/4	4,776.97	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/10/2021 CL
CALCULATED: 11/10/2021 CL
NAME CHANGE: 03/27/2023 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023



BARGE "CTC 29116"

2 STBD INNAGE TABLE

HERMETIC GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3026"

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	14.66	0	323.82	0	666.83	0	1,009.50	0	1,352.39	0	1,695.42	0	2,038.44	0	2,381.47	0	2,724.50	0	3,067.52
1/4	19.12	1/4	330.97	1/4	673.98	1/4	1,016.63	1/4	1,359.54	1/4	1,702.56	1/4	2,045.59	1/4	2,388.62	1/4	2,731.65	1/4	3,074.66
1/2	23.59	1/2	338.11	1/2	681.12	1/2	1,023.76	1/2	1,366.68	1/2	1,709.71	1/2	2,052.74	1/2	2,395.76	1/2	2,738.79	1/2	3,081.81
3/4	28.06	3/4	345.26	3/4	688.27	3/4	1,030.90	3/4	1,373.83	3/4	1,716.86	3/4	2,059.88	3/4	2,402.91	3/4	2,745.94	3/4	3,088.95
1	32.52	1	352.40	1	695.42	1	1,038.03	1	1,380.98	1	1,724.00	1	2,067.03	1	2,410.06	1	2,753.08	1	3,096.10
1/4	38.77	1/4	359.55	1/4	702.56	1/4	1,045.16	1/4	1,388.12	1/4	1,731.15	1/4	2,074.18	1/4	2,417.20	1/4	2,760.23	1/4	3,103.24
1/2	45.03	1/2	366.70	1/2	709.71	1/2	1,052.29	1/2	1,395.27	1/2	1,738.30	1/2	2,081.32	1/2	2,424.35	1/2	2,767.38	1/2	3,110.39
3/4	51.28	3/4	373.84	3/4	716.85	3/4	1,059.43	3/4	1,402.41	3/4	1,745.44	3/4	2,088.47	3/4	2,431.50	3/4	2,774.52	3/4	3,117.53
2	57.53	2	380.99	2	724.00	2	1,066.56	2	1,409.56	2	1,752.59	2	2,095.62	2	2,438.64	2	2,781.67	2	3,124.67
1/4	64.64	1/4	388.13	1/4	731.15	1/4	1,073.70	1/4	1,416.71	1/4	1,759.73	1/4	2,102.76	1/4	2,445.79	1/4	2,788.82	1/4	3,131.82
1/2	71.75	1/2	395.28	1/2	738.29	1/2	1,080.84	1/2	1,423.85	1/2	1,766.88	1/2	2,109.91	1/2	2,452.94	1/2	2,795.96	1/2	3,138.96
3/4	78.86	3/4	402.43	3/4	745.44	3/4	1,087.98	3/4	1,431.00	3/4	1,774.03	3/4	2,117.05	3/4	2,460.08	3/4	2,803.11	3/4	3,146.11
3	85.97	3	409.57	3	752.58	3	1,095.12	3	1,438.15	3	1,781.17	3	2,124.20	3	2,467.23	3	2,810.26	3	3,153.25
1/4	93.10	1/4	416.72	1/4	759.73	1/4	1,102.27	1/4	1,445.29	1/4	1,788.32	1/4	2,131.35	1/4	2,474.37	1/4	2,817.40	1/4	3,160.40
1/2	100.24	1/2	423.86	1/2	766.88	1/2	1,109.41	1/2	1,452.44	1/2	1,795.47	1/2	2,138.49	1/2	2,481.52	1/2	2,824.55	1/2	3,167.54
3/4	107.38	3/4	431.01	3/4	774.02	3/4	1,116.56	3/4	1,459.59	3/4	1,802.61	3/4	2,145.64	3/4	2,488.67	3/4	2,831.69	3/4	3,174.69
4	114.51	4	438.16	4	781.17	4	1,123.71	4	1,466.73	4	1,809.76	4	2,152.79	4	2,495.81	4	2,838.84	4	3,181.83
1/4	121.66	1/4	445.30	1/4	788.32	1/4	1,130.85	1/4	1,473.88	1/4	1,816.91	1/4	2,159.93	1/4	2,502.96	1/4	2,845.99	1/4	3,188.98
1/2	128.80	1/2	452.45	1/2	795.46	1/2	1,138.00	1/2	1,481.03	1/2	1,824.05	1/2	2,167.08	1/2	2,510.11	1/2	2,853.13	1/2	3,196.12
3/4	135.95	3/4	459.59	3/4	802.61	3/4	1,145.14	3/4	1,488.17	3/4	1,831.20	3/4	2,174.23	3/4	2,517.25	3/4	2,860.28	3/4	3,203.26
5	143.09	5	466.74	5	809.75	5	1,152.29	5	1,495.32	5	1,838.35	5	2,181.37	5	2,524.40	5	2,867.43	5	3,210.41
1/4	150.24	1/4	473.89	1/4	816.90	1/4	1,159.44	1/4	1,502.46	1/4	1,845.49	1/4	2,188.52	1/4	2,531.55	1/4	2,874.57	1/4	3,217.55
1/2	157.38	1/2	481.03	1/2	824.04	1/2	1,166.58	1/2	1,509.61	1/2	1,852.64	1/2	2,195.67	1/2	2,538.69	1/2	2,881.72	1/2	3,224.70
3/4	164.53	3/4	488.18	3/4	831.18	3/4	1,173.73	3/4	1,516.76	3/4	1,859.78	3/4	2,202.81	3/4	2,545.84	3/4	2,888.87	3/4	3,231.84
6	171.68	6	495.33	6	838.32	6	1,180.88	6	1,523.90	6	1,866.93	6	2,209.96	6	2,552.99	6	2,896.01	6	3,238.99
1/4	178.21	1/4	502.47	1/4	845.46	1/4	1,188.02	1/4	1,531.05	1/4	1,874.08	1/4	2,217.10	1/4	2,560.13	1/4	2,903.16	1/4	3,246.13
1/2	184.75	1/2	509.62	1/2	852.59	1/2	1,195.17	1/2	1,538.20	1/2	1,881.22	1/2	2,224.25	1/2	2,567.28	1/2	2,910.31	1/2	3,253.28
3/4	191.28	3/4	516.76	3/4	859.72	3/4	1,202.32	3/4	1,545.34	3/4	1,888.37	3/4	2,231.40	3/4	2,574.42	3/4	2,917.45	3/4	3,260.42
7	197.82	7	523.91	7	866.85	7	1,209.46	7	1,552.49	7	1,895.52	7	2,238.54	7	2,581.57	7	2,924.60	7	3,267.56
1/4	204.06	1/4	531.06	1/4	873.98	1/4	1,216.61	1/4	1,559.64	1/4	1,902.66	1/4	2,245.69	1/4	2,588.72	1/4	2,931.74	1/4	3,274.71
1/2	210.30	1/2	538.20	1/2	881.12	1/2	1,223.75	1/2	1,566.78	1/2	1,909.81	1/2	2,252.84	1/2	2,595.86	1/2	2,938.89	1/2	3,281.85
3/4	216.54	3/4	545.35	3/4	888.25	3/4	1,230.90	3/4	1,573.93	3/4	1,916.96	3/4	2,259.98	3/4	2,603.01	3/4	2,946.04	3/4	3,289.00
8	222.78	8	552.49	8	895.38	8	1,238.05	8	1,581.07	8	1,924.10	8	2,267.13	8	2,610.16	8	2,953.18	8	3,296.14
1/4	229.02	1/4	559.64	1/4	902.51	1/4	1,245.19	1/4	1,588.22	1/4	1,931.25	1/4	2,274.28	1/4	2,617.30	1/4	2,960.33	1/4	3,303.29
1/2	235.27	1/2	566.79	1/2	909.65	1/2	1,252.34	1/2	1,595.37	1/2	1,938.39	1/2	2,281.42	1/2	2,624.45	1/2	2,967.48	1/2	3,310.43
3/4	241.51	3/4	573.93	3/4	916.78	3/4	1,259.49	3/4	1,602.51	3/4	1,945.54	3/4	2,288.57	3/4	2,631.60	3/4	2,974.62	3/4	3,317.58
9	247.75	9	581.08	9	923.91	9	1,266.63	9	1,609.66	9	1,952.69	9	2,295.71	9	2,638.74	9	2,981.77	9	3,324.72
1/4	253.99	1/4	588.22	1/4	931.04	1/4	1,273.78	1/4	1,616.81	1/4	1,959.83	1/4	2,302.86	1/4	2,645.89	1/4	2,988.92	1/4	3,331.87
1/2	260.23	1/2	595.37	1/2	938.17	1/2	1,280.93	1/2	1,623.95	1/2	1,966.98	1/2	2,310.01	1/2	2,653.03	1/2	2,996.06	1/2	3,339.01
3/4	266.47	3/4	602.52	3/4	945.31	3/4	1,288.07	3/4	1,631.10	3/4	1,974.13	3/4	2,317.15	3/4	2,660.18	3/4	3,003.21	3/4	3,346.15
10	272.71	10	609.66	10	952.44	10	1,295.22	10	1,638.25	10	1,981.27	10	2,324.30	10	2,667.33	10	3,010.35	10	3,353.30
1/4	278.95	1/4	616.81	1/4	959.57	1/4	1,302.37	1/4	1,645.39	1/4	1,988.42	1/4	2,331.45	1/4	2,674.47	1/4	3,017.50	1/4	3,360.44
1/2	285.19	1/2	623.96	1/2	966.70	1/2	1,309.51	1/2	1,652.54	1/2	1,995.57	1/2	2,338.59	1/2	2,681.62	1/2	3,024.65	1/2	3,367.59
3/4	291.43	3/4	631.10	3/4	973.84	3/4	1,316.66	3/4	1,659.69	3/4	2,002.71	3/4	2,345.74	3/4	2,688.77	3/4	3,031.79	3/4	3,374.73
11	297.68	11	638.25	11	980.97	11	1,323.80	11	1,666.83	11	2,009.86	11	2,352.89	11	2,695.91	11	3,038.94	11	3,381.88
1/4	304.21	1/4	645.39	1/4	988.10	1/4	1,330.95	1/4	1,673.98	1/4	2,017.01	1/4	2,360.03	1/4	2,703.06	1/4	3,046.09	1/4	3,389.02
1/2	310.75	1/2	652.54	1/2	995.23	1/2	1,338.10	1/2	1,681.12	1/2	2,024.15	1/2	2,367.18	1/2	2,710.21	1/2	3,053.23	1/2	3,396.17
3/4	317.28	3/4	659.69	3/4	1,002.37	3/4	1,345.24	3/4	1,688.27	3/4	2,031.30	3/4	2,374.33	3/4	2,717.35	3/4	3,060.37	3/4	3,403.31

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

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 29116"

**2 STBD
INNAGE TABLE
HERMETIC
GAUGE HEIGHT 16'-05"**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3026"

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	3,410.45	0	3,753.41	0	4,096.45	0	4,438.82	0	4,780.28	0		0		0		0		0	
1/4	3,417.60	1/4	3,760.56	1/4	4,103.59	1/4	4,445.94	1/4	4,787.39	1/4		1/4		1/4		1/4		1/4	
1/2	3,424.74	1/2	3,767.71	1/2	4,110.74	1/2	4,453.05	1/2	4,794.51	1/2		1/2		1/2		1/2		1/2	
3/4	3,431.89	3/4	3,774.85	3/4	4,117.89	3/4	4,460.16	3/4	4,801.62	3/4		3/4		3/4		3/4		3/4	
1	3,439.03	1	3,782.00	1	4,125.03	1	4,467.28	1	4,808.73	1		1		1		1		1	
1/4	3,446.18	1/4	3,789.15	1/4	4,132.18	1/4	4,474.39	1/4	4,815.85	1/4		1/4		1/4		1/4		1/4	
1/2	3,453.32	1/2	3,796.29	1/2	4,139.33	1/2	4,481.50	1/2	4,822.96	1/2		1/2		1/2		1/2		1/2	
3/4	3,460.47	3/4	3,803.44	3/4	4,146.47	3/4	4,488.62	3/4	4,830.08	3/4		3/4		3/4		3/4		3/4	
2	3,467.61	2	3,810.59	2	4,153.62	2	4,495.73	2	4,837.19	2		2		2		2		2	
1/4	3,474.76	1/4	3,817.73	1/4	4,160.77	1/4	4,502.85	1/4	4,844.30	1/4		1/4		1/4		1/4		1/4	
1/2	3,481.90	1/2	3,824.88	1/2	4,167.91	1/2	4,509.96	1/2	4,851.42	1/2		1/2		1/2		1/2		1/2	
3/4	3,489.04	3/4	3,832.03	3/4	4,175.06	3/4	4,517.07	3/4	4,858.53	3/4		3/4		3/4		3/4		3/4	
3	3,496.19	3	3,839.17	3	4,182.20	3	4,524.19	3	4,865.64	3		3		3		3		3	
1/4	3,503.33	1/4	3,846.32	1/4	4,189.35	1/4	4,531.30	1/4	4,872.71	1/4		1/4		1/4		1/4		1/4	
1/2	3,510.48	1/2	3,853.47	1/2	4,196.50	1/2	4,538.41	1/2	4,879.78	1/2		1/2		1/2		1/2		1/2	
3/4	3,517.62	3/4	3,860.61	3/4	4,203.64	3/4	4,545.53	3/4	4,886.85	3/4		3/4		3/4		3/4		3/4	
4	3,524.77	4	3,867.76	4	4,210.79	4	4,552.64	4	4,893.92	4		4		4		4		4	
1/4	3,531.91	1/4	3,874.91	1/4	4,217.94	1/4	4,559.76	1/4	4,900.99	1/4		1/4		1/4		1/4		1/4	
1/2	3,539.06	1/2	3,882.05	1/2	4,225.08	1/2	4,566.87	1/2	4,908.06	1/2		1/2		1/2		1/2		1/2	
3/4	3,546.20	3/4	3,889.20	3/4	4,232.23	3/4	4,573.98	3/4	4,915.13	3/4		3/4		3/4		3/4		3/4	
5	3,553.34	5	3,896.34	5	4,239.38	5	4,581.10	5	4,922.19	5		5		5		5		5	
1/4	3,560.49	1/4	3,903.49	1/4	4,246.52	1/4	4,588.21	1/4	4,929.26	1/4		1/4		1/4		1/4		1/4	
1/2	3,567.63	1/2	3,910.64	1/2	4,253.67	1/2	4,595.32	1/2	4,936.33	1/2		1/2		1/2		1/2		1/2	
3/4	3,574.78	3/4	3,917.78	3/4	4,260.82	3/4	4,602.44	3/4	4,943.40	3/4		3/4		3/4		3/4		3/4	
6	3,581.92	6	3,924.93	6	4,267.96	6	4,609.55	6	4,950.46	6		6		6		6		6	
1/4	3,589.07	1/4	3,932.08	1/4	4,275.11	1/4	4,616.66	1/4	4,957.52	1/4		1/4		1/4		1/4		1/4	
1/2	3,596.21	1/2	3,939.22	1/2	4,282.26	1/2	4,623.78	1/2	4,964.57	1/2		1/2		1/2		1/2		1/2	
3/4	3,603.36	3/4	3,946.37	3/4	4,289.40	3/4	4,630.89	3/4	4,971.63	3/4		3/4		3/4		3/4		3/4	
7	3,610.50	7	3,953.52	7	4,296.55	7	4,638.01	7	4,978.68	7		7		7		7		7	
1/4	3,617.65	1/4	3,960.66	1/4	4,303.66	1/4	4,645.12	1/4	4,985.68	1/4		1/4		1/4		1/4		1/4	
1/2	3,624.79	1/2	3,967.81	1/2	4,310.78	1/2	4,652.23	1/2	4,992.68	1/2		1/2		1/2		1/2		1/2	
3/4	3,631.93	3/4	3,974.96	3/4	4,317.89	3/4	4,659.35	3/4	4,999.68	3/4		3/4		3/4		3/4		3/4	
8	3,639.08	8	3,982.10	8	4,325.00	8	4,666.46	8	5,006.68	8		8		8		8		8	
1/4	3,646.22	1/4	3,989.25	1/4	4,332.12	1/4	4,673.57	1/4	5,012.86	1/4		1/4		1/4		1/4		1/4	
1/2	3,653.37	1/2	3,996.40	1/2	4,339.23	1/2	4,680.69	1/2	5,019.03	1/2		1/2		1/2		1/2		1/2	
3/4	3,660.51	3/4	4,003.54	3/4	4,346.34	3/4	4,687.80	3/4	5,025.21	3/4		3/4		3/4		3/4		3/4	
9	3,667.66	9	4,010.69	9	4,353.46	9	4,694.92	9	5,031.38	9		9		9		9		9	
1/4	3,674.80	1/4	4,017.84	1/4	4,360.57	1/4	4,702.03	1/4	5,036.37	1/4		1/4		1/4		1/4		1/4	
1/2	3,681.95	1/2	4,024.98	1/2	4,367.69	1/2	4,709.14	1/2	5,041.35	1/2		1/2		1/2		1/2		1/2	
3/4	3,689.10	3/4	4,032.13	3/4	4,374.80	3/4	4,716.26	3/4	5,046.34	3/4		3/4		3/4		3/4		3/4	
10	3,696.24	10	4,039.27	10	4,381.91	10	4,723.37	10	5,051.32	10		10		10		10		10	
1/4	3,703.39	1/4	4,046.42	1/4	4,389.03	1/4	4,730.48	1/4	5,055.11	1/4		1/4		1/4		1/4		1/4	
1/2	3,710.54	1/2	4,053.57	1/2	4,396.14	1/2	4,737.60	1/2	5,058.91	1/2		1/2		1/2		1/2		1/2	
3/4	3,717.68	3/4	4,060.71	3/4	4,403.25	3/4	4,744.71	3/4	5,062.70	3/4		3/4		3/4		3/4		3/4	
11	3,724.83	11	4,067.86	11	4,410.37	11	4,751.83	11	5,066.49	11		11		11		11		11	
1/4	3,731.98	1/4	4,075.01	1/4	4,417.48	1/4	4,758.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,739.12	1/2	4,082.15	1/2	4,424.60	1/2	4,766.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,746.27	3/4	4,089.30	3/4	4,431.71	3/4	4,773.17	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/10/2021 CL
CALCULATED: 11/10/2021 CL
NAME CHANGE: 03/27/2023 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023



BARGE "CTC 29116"

3 PORT INNAGE TABLE

HERMETIC GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3026"

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	14.60	0	337.07	0	678.18	0	1,009.66	0	1,346.06	0	1,687.06	0	2,028.06	0	2,369.07	0	2,710.03	0	3,051.15
1/4	19.05	1/4	344.19	1/4	685.29	1/4	1,016.45	1/4	1,353.17	1/4	1,694.17	1/4	2,035.17	1/4	2,376.17	1/4	2,717.14	1/4	3,058.25
1/2	23.50	1/2	351.30	1/2	692.39	1/2	1,023.25	1/2	1,360.27	1/2	1,701.27	1/2	2,042.27	1/2	2,383.27	1/2	2,724.24	1/2	3,065.35
3/4	27.94	3/4	358.42	3/4	699.50	3/4	1,030.04	3/4	1,367.37	3/4	1,708.38	3/4	2,049.38	3/4	2,390.38	3/4	2,731.34	3/4	3,072.45
1	32.39	1	365.54	1	706.60	1	1,036.84	1	1,374.48	1	1,715.48	1	2,056.48	1	2,397.48	1	2,738.44	1	3,079.55
1/4	38.62	1/4	372.64	1/4	713.71	1/4	1,043.63	1/4	1,381.58	1/4	1,722.58	1/4	2,063.59	1/4	2,404.59	1/4	2,745.55	1/4	3,086.65
1/2	44.84	1/2	379.75	1/2	720.81	1/2	1,050.43	1/2	1,388.69	1/2	1,729.69	1/2	2,070.69	1/2	2,411.69	1/2	2,752.65	1/2	3,093.75
3/4	51.07	3/4	386.85	3/4	727.92	3/4	1,057.22	3/4	1,395.79	3/4	1,736.79	3/4	2,077.79	3/4	2,418.80	3/4	2,759.75	3/4	3,100.85
2	57.30	2	393.96	2	735.02	2	1,064.02	2	1,402.89	2	1,743.90	2	2,084.90	2	2,425.90	2	2,766.86	2	3,107.95
1/4	64.38	1/4	401.07	1/4	742.13	1/4	1,070.82	1/4	1,410.00	1/4	1,751.00	1/4	2,092.00	1/4	2,433.00	1/4	2,773.96	1/4	3,115.03
1/2	71.46	1/2	408.17	1/2	749.23	1/2	1,077.63	1/2	1,417.10	1/2	1,758.10	1/2	2,099.11	1/2	2,440.11	1/2	2,781.06	1/2	3,122.11
3/4	78.54	3/4	415.28	3/4	756.34	3/4	1,084.43	3/4	1,424.21	3/4	1,765.21	3/4	2,106.21	3/4	2,447.21	3/4	2,788.17	3/4	3,129.19
3	85.62	3	422.38	3	763.45	3	1,091.23	3	1,431.31	3	1,772.31	3	2,113.31	3	2,454.32	3	2,795.27	3	3,136.28
1/4	92.73	1/4	429.49	1/4	770.55	1/4	1,098.11	1/4	1,438.42	1/4	1,779.42	1/4	2,120.42	1/4	2,461.42	1/4	2,802.37	1/4	3,143.36
1/2	99.83	1/2	436.59	1/2	777.66	1/2	1,104.98	1/2	1,445.52	1/2	1,786.52	1/2	2,127.52	1/2	2,468.52	1/2	2,809.48	1/2	3,150.44
3/4	106.94	3/4	443.70	3/4	784.76	3/4	1,111.85	3/4	1,452.62	3/4	1,793.63	3/4	2,134.63	3/4	2,475.63	3/4	2,816.58	3/4	3,157.52
4	114.05	4	450.80	4	791.87	4	1,118.73	4	1,459.73	4	1,800.73	4	2,141.73	4	2,482.73	4	2,823.68	4	3,164.60
1/4	121.16	1/4	457.91	1/4	798.74	1/4	1,125.83	1/4	1,466.83	1/4	1,807.83	1/4	2,148.84	1/4	2,489.84	1/4	2,830.78	1/4	3,171.69
1/2	128.28	1/2	465.01	1/2	805.61	1/2	1,132.93	1/2	1,473.94	1/2	1,814.94	1/2	2,155.94	1/2	2,496.94	1/2	2,837.89	1/2	3,178.77
3/4	135.39	3/4	472.12	3/4	812.49	3/4	1,140.04	3/4	1,481.04	3/4	1,822.04	3/4	2,163.04	3/4	2,504.04	3/4	2,844.99	3/4	3,185.85
5	142.51	5	479.23	5	819.36	5	1,147.14	5	1,488.14	5	1,829.15	5	2,170.15	5	2,511.15	5	2,852.09	5	3,192.93
1/4	149.63	1/4	486.33	1/4	826.16	1/4	1,154.25	1/4	1,495.25	1/4	1,836.25	1/4	2,177.25	1/4	2,518.25	1/4	2,859.20	1/4	3,200.01
1/2	156.74	1/2	493.44	1/2	832.97	1/2	1,161.35	1/2	1,502.35	1/2	1,843.35	1/2	2,184.36	1/2	2,525.35	1/2	2,866.30	1/2	3,207.10
3/4	163.86	3/4	500.54	3/4	839.77	3/4	1,168.46	3/4	1,509.46	3/4	1,850.46	3/4	2,191.46	3/4	2,532.45	3/4	2,873.40	3/4	3,214.18
6	170.98	6	507.65	6	846.57	6	1,175.56	6	1,516.56	6	1,857.56	6	2,198.56	6	2,539.56	6	2,880.51	6	3,221.26
1/4	178.09	1/4	514.75	1/4	853.37	1/4	1,182.66	1/4	1,523.67	1/4	1,864.67	1/4	2,205.67	1/4	2,546.66	1/4	2,887.61	1/4	3,228.34
1/2	185.21	1/2	521.86	1/2	860.16	1/2	1,189.77	1/2	1,530.77	1/2	1,871.77	1/2	2,212.77	1/2	2,553.76	1/2	2,894.71	1/2	3,235.42
3/4	192.33	3/4	528.96	3/4	866.96	3/4	1,196.87	3/4	1,537.87	3/4	1,878.88	3/4	2,219.88	3/4	2,560.87	3/4	2,901.82	3/4	3,242.50
7	199.44	7	536.07	7	873.75	7	1,203.98	7	1,544.98	7	1,885.98	7	2,226.98	7	2,567.97	7	2,908.92	7	3,249.59
1/4	206.27	1/4	543.18	1/4	880.55	1/4	1,211.08	1/4	1,552.08	1/4	1,893.08	1/4	2,234.09	1/4	2,575.07	1/4	2,916.03	1/4	3,256.67
1/2	213.09	1/2	550.28	1/2	887.34	1/2	1,218.19	1/2	1,559.19	1/2	1,900.19	1/2	2,241.19	1/2	2,582.18	1/2	2,923.15	1/2	3,263.75
3/4	219.91	3/4	557.39	3/4	894.14	3/4	1,225.29	3/4	1,566.29	3/4	1,907.29	3/4	2,248.29	3/4	2,589.28	3/4	2,930.26	3/4	3,270.84
8	226.73	8	564.49	8	900.93	8	1,232.39	8	1,573.40	8	1,914.40	8	2,255.40	8	2,596.38	8	2,937.38	8	3,277.92
1/4	233.56	1/4	571.60	1/4	907.73	1/4	1,239.50	1/4	1,580.50	1/4	1,921.50	1/4	2,262.50	1/4	2,603.49	1/4	2,944.49	1/4	3,285.00
1/2	240.38	1/2	578.70	1/2	914.52	1/2	1,246.60	1/2	1,587.60	1/2	1,928.61	1/2	2,269.61	1/2	2,610.59	1/2	2,951.61	1/2	3,292.09
3/4	247.20	3/4	585.81	3/4	921.32	3/4	1,253.71	3/4	1,594.71	3/4	1,935.71	3/4	2,276.71	3/4	2,617.69	3/4	2,958.72	3/4	3,299.17
9	254.02	9	592.91	9	928.11	9	1,260.81	9	1,601.81	9	1,942.81	9	2,283.82	9	2,624.79	9	2,965.84	9	3,306.25
1/4	260.84	1/4	600.02	1/4	934.91	1/4	1,267.91	1/4	1,608.92	1/4	1,949.92	1/4	2,290.92	1/4	2,631.90	1/4	2,972.95	1/4	3,313.34
1/2	267.67	1/2	607.12	1/2	941.70	1/2	1,275.02	1/2	1,616.02	1/2	1,957.02	1/2	2,298.02	1/2	2,639.00	1/2	2,980.07	1/2	3,320.42
3/4	274.49	3/4	614.23	3/4	948.50	3/4	1,282.12	3/4	1,623.12	3/4	1,964.13	3/4	2,305.13	3/4	2,646.10	3/4	2,987.18	3/4	3,327.50
10	281.31	10	621.34	10	955.29	10	1,289.23	10	1,630.23	10	1,971.23	10	2,312.23	10	2,653.21	10	2,994.30	10	3,334.59
1/4	288.13	1/4	628.44	1/4	962.09	1/4	1,296.33	1/4	1,637.33	1/4	1,978.33	1/4	2,319.34	1/4	2,660.31	1/4	3,001.41	1/4	3,338.91
1/2	294.96	1/2	635.55	1/2	968.89	1/2	1,303.44	1/2	1,644.44	1/2	1,985.44	1/2	2,326.44	1/2	2,667.41	1/2	3,008.53	1/2	3,343.24
3/4	301.78	3/4	642.65	3/4	975.68	3/4	1,310.54	3/4	1,651.54	3/4	1,992.54	3/4	2,333.54	3/4	2,674.52	3/4	3,015.64	3/4	3,347.57
11	308.60	11	649.76	11	982.48	11	1,317.64	11	1,658.65	11	1,999.65	11	2,340.65	11	2,681.62	11	3,022.76	11	3,351.90
1/4	315.72	1/4	656.86	1/4	989.27	1/4	1,324.75	1/4	1,665.75	1/4	2,006.75	1/4	2,347.75	1/4	2,688.72	1/4	3,029.86	1/4	3,356.23
1/2	322.84	1/2	663.97	1/2	996.07	1/2	1,331.85	1/2	1,672.85	1/2	2,013.86	1/2	2,354.86	1/2	2,695.83	1/2	3,036.96	1/2	3,360.55
3/4	329.95	3/4	671.07	3/4	1,002.86	3/4	1,338.96	3/4	1,679.96	3/4	2,020.96	3/4	2,361.96	3/4	2,702.93	3/4	3,044.06	3/4	3,364.88

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

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 29116"

3 PORT INNAGE TABLE HERMETIC GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3026"

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	3,369.21	0	3,578.01	0	3,787.37	0	3,996.36	0	4,204.81	0		0		0		0		0	
1/4	3,373.56	1/4	3,582.37	1/4	3,791.74	1/4	4,000.70	1/4	4,209.15	1/4		1/4		1/4		1/4		1/4	
1/2	3,377.90	1/2	3,586.73	1/2	3,796.10	1/2	4,005.04	1/2	4,213.49	1/2		1/2		1/2		1/2		1/2	
3/4	3,382.25	3/4	3,591.09	3/4	3,800.46	3/4	4,009.39	3/4	4,217.84	3/4		3/4		3/4		3/4		3/4	
1	3,386.59	1	3,595.45	1	3,804.82	1	4,013.73	1	4,222.18	1		1		1		1		1	
1/4	3,390.94	1/4	3,599.82	1/4	3,809.18	1/4	4,018.07	1/4	4,226.52	1/4		1/4		1/4		1/4		1/4	
1/2	3,395.29	1/2	3,604.18	1/2	3,813.54	1/2	4,022.41	1/2	4,230.86	1/2		1/2		1/2		1/2		1/2	
3/4	3,399.63	3/4	3,608.54	3/4	3,817.91	3/4	4,026.76	3/4	4,235.21	3/4		3/4		3/4		3/4		3/4	
2	3,403.98	2	3,612.90	2	3,822.27	2	4,031.10	2	4,239.55	2		2		2		2		2	
1/4	3,408.32	1/4	3,617.26	1/4	3,826.63	1/4	4,035.44	1/4	4,243.89	1/4		1/4		1/4		1/4		1/4	
1/2	3,412.67	1/2	3,621.63	1/2	3,830.99	1/2	4,039.79	1/2	4,248.23	1/2		1/2		1/2		1/2		1/2	
3/4	3,417.02	3/4	3,625.99	3/4	3,835.35	3/4	4,044.13	3/4	4,252.58	3/4		3/4		3/4		3/4		3/4	
3	3,421.36	3	3,630.35	3	3,839.72	3	4,048.47	3	4,256.92	3		3		3		3		3	
1/4	3,425.71	1/4	3,634.71	1/4	3,844.08	1/4	4,052.81	1/4	4,261.24	1/4		1/4		1/4		1/4		1/4	
1/2	3,430.05	1/2	3,639.07	1/2	3,848.44	1/2	4,057.16	1/2	4,265.55	1/2		1/2		1/2		1/2		1/2	
3/4	3,434.40	3/4	3,643.43	3/4	3,852.80	3/4	4,061.50	3/4	4,269.87	3/4		3/4		3/4		3/4		3/4	
4	3,438.75	4	3,647.80	4	3,857.16	4	4,065.84	4	4,274.18	4		4		4		4		4	
1/4	3,443.09	1/4	3,652.16	1/4	3,861.52	1/4	4,070.18	1/4	4,278.50	1/4		1/4		1/4		1/4		1/4	
1/2	3,447.44	1/2	3,656.52	1/2	3,865.89	1/2	4,074.53	1/2	4,282.81	1/2		1/2		1/2		1/2		1/2	
3/4	3,451.78	3/4	3,660.88	3/4	3,870.25	3/4	4,078.87	3/4	4,287.13	3/4		3/4		3/4		3/4		3/4	
5	3,456.13	5	3,665.24	5	3,874.61	5	4,083.21	5	4,291.44	5		5		5		5		5	
1/4	3,460.48	1/4	3,669.61	1/4	3,878.97	1/4	4,087.55	1/4	4,295.75	1/4		1/4		1/4		1/4		1/4	
1/2	3,464.82	1/2	3,673.97	1/2	3,883.33	1/2	4,091.90	1/2	4,300.06	1/2		1/2		1/2		1/2		1/2	
3/4	3,469.17	3/4	3,678.33	3/4	3,887.70	3/4	4,096.24	3/4	4,304.38	3/4		3/4		3/4		3/4		3/4	
6	3,473.51	6	3,682.69	6	3,892.06	6	4,100.58	6	4,308.69	6		6		6		6		6	
1/4	3,477.86	1/4	3,687.05	1/4	3,896.42	1/4	4,104.93	1/4	4,312.99	1/4		1/4		1/4		1/4		1/4	
1/2	3,482.21	1/2	3,691.41	1/2	3,900.78	1/2	4,109.27	1/2	4,317.29	1/2		1/2		1/2		1/2		1/2	
3/4	3,486.55	3/4	3,695.78	3/4	3,905.14	3/4	4,113.61	3/4	4,321.59	3/4		3/4		3/4		3/4		3/4	
7	3,490.90	7	3,700.14	7	3,909.50	7	4,117.95	7	4,325.89	7		7		7		7		7	
1/4	3,495.24	1/4	3,704.50	1/4	3,913.85	1/4	4,122.30	1/4	4,330.14	1/4		1/4		1/4		1/4		1/4	
1/2	3,499.59	1/2	3,708.86	1/2	3,918.19	1/2	4,126.64	1/2	4,334.38	1/2		1/2		1/2		1/2		1/2	
3/4	3,503.94	3/4	3,713.22	3/4	3,922.53	3/4	4,130.98	3/4	4,338.63	3/4		3/4		3/4		3/4		3/4	
8	3,508.28	8	3,717.58	8	3,926.87	8	4,135.32	8	4,342.88	8		8		8		8		8	
1/4	3,512.63	1/4	3,721.95	1/4	3,931.22	1/4	4,139.67	1/4	4,346.30	1/4		1/4		1/4		1/4		1/4	
1/2	3,516.97	1/2	3,726.31	1/2	3,935.56	1/2	4,144.01	1/2	4,349.73	1/2		1/2		1/2		1/2		1/2	
3/4	3,521.32	3/4	3,730.67	3/4	3,939.90	3/4	4,148.35	3/4	4,353.15	3/4		3/4		3/4		3/4		3/4	
9	3,525.67	9	3,735.03	9	3,944.25	9	4,152.70	9	4,356.58	9		9		9		9		9	
1/4	3,530.03	1/4	3,739.39	1/4	3,948.59	1/4	4,157.04	1/4	4,358.82	1/4		1/4		1/4		1/4		1/4	
1/2	3,534.39	1/2	3,743.76	1/2	3,952.93	1/2	4,161.38	1/2	4,361.06	1/2		1/2		1/2		1/2		1/2	
3/4	3,538.75	3/4	3,748.12	3/4	3,957.27	3/4	4,165.72	3/4	4,363.30	3/4		3/4		3/4		3/4		3/4	
10	3,543.11	10	3,752.48	10	3,961.62	10	4,170.07	10	4,365.54	10		10		10		10		10	
1/4	3,547.47	1/4	3,756.84	1/4	3,965.96	1/4	4,174.41	1/4	4,367.24	1/4		1/4		1/4		1/4		1/4	
1/2	3,551.84	1/2	3,761.20	1/2	3,970.30	1/2	4,178.75	1/2	4,368.95	1/2		1/2		1/2		1/2		1/2	
3/4	3,556.20	3/4	3,765.56	3/4	3,974.64	3/4	4,183.09	3/4	4,370.65	3/4		3/4		3/4		3/4		3/4	
11	3,560.56	11	3,769.93	11	3,978.99	11	4,187.44	11	4,372.35	11		11		11		11		11	
1/4	3,564.92	1/4	3,774.29	1/4	3,983.33	1/4	4,191.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,569.28	1/2	3,778.65	1/2	3,987.67	1/2	4,196.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,573.65	3/4	3,783.01	3/4	3,992.02	3/4	4,200.46	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/10/2021 CL
CALCULATED: 11/10/2021 CL
NAME CHANGE: 03/27/2023 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023



BARGE "CTC 29116"

3 STBD INNAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3026"

GAUGE HEIGHT 16'-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	14.61	0	322.85	0	664.83	0	1,006.45	0	1,348.30	0	1,690.28	0	2,032.27	0	2,374.26	0	2,715.98	0	3,057.09
1/4	19.07	1/4	329.97	1/4	671.95	1/4	1,013.56	1/4	1,355.42	1/4	1,697.41	1/4	2,039.39	1/4	2,381.38	1/4	2,723.08	1/4	3,064.20
1/2	23.52	1/2	337.10	1/2	679.08	1/2	1,020.67	1/2	1,362.55	1/2	1,704.53	1/2	2,046.52	1/2	2,388.51	1/2	2,730.19	1/2	3,071.31
3/4	27.97	3/4	344.22	3/4	686.20	3/4	1,027.78	3/4	1,369.67	3/4	1,711.66	3/4	2,053.64	3/4	2,395.63	3/4	2,737.30	3/4	3,078.41
1	32.42	1	351.35	1	693.32	1	1,034.89	1	1,376.80	1	1,718.78	1	2,060.77	1	2,402.75	1	2,744.40	1	3,085.52
1/4	38.66	1/4	358.47	1/4	700.45	1/4	1,042.00	1/4	1,383.92	1/4	1,725.91	1/4	2,067.89	1/4	2,409.88	1/4	2,751.51	1/4	3,092.63
1/2	44.89	1/2	365.60	1/2	707.57	1/2	1,049.11	1/2	1,391.05	1/2	1,733.03	1/2	2,075.02	1/2	2,417.00	1/2	2,758.62	1/2	3,099.73
3/4	51.12	3/4	372.72	3/4	714.70	3/4	1,056.22	3/4	1,398.17	3/4	1,740.16	3/4	2,082.14	3/4	2,424.13	3/4	2,765.72	3/4	3,106.84
2	57.36	2	379.85	2	721.82	2	1,063.33	2	1,405.30	2	1,747.28	2	2,089.27	2	2,431.25	2	2,772.83	2	3,113.95
1/4	64.44	1/4	386.97	1/4	728.95	1/4	1,070.45	1/4	1,412.42	1/4	1,754.41	1/4	2,096.39	1/4	2,438.38	1/4	2,779.94	1/4	3,121.03
1/2	71.53	1/2	394.10	1/2	736.07	1/2	1,077.57	1/2	1,419.55	1/2	1,761.53	1/2	2,103.52	1/2	2,445.50	1/2	2,787.04	1/2	3,128.12
3/4	78.62	3/4	401.22	3/4	743.20	3/4	1,084.69	3/4	1,426.67	3/4	1,768.66	3/4	2,110.64	3/4	2,452.63	3/4	2,794.15	3/4	3,135.21
3	85.71	3	408.34	3	750.32	3	1,091.81	3	1,433.80	3	1,775.78	3	2,117.77	3	2,459.75	3	2,801.25	3	3,142.30
1/4	92.82	1/4	415.47	1/4	757.44	1/4	1,098.93	1/4	1,440.92	1/4	1,782.91	1/4	2,124.89	1/4	2,466.88	1/4	2,808.36	1/4	3,149.39
1/2	99.94	1/2	422.59	1/2	764.57	1/2	1,106.06	1/2	1,448.04	1/2	1,790.03	1/2	2,132.02	1/2	2,474.00	1/2	2,815.47	1/2	3,156.48
3/4	107.05	3/4	429.72	3/4	771.69	3/4	1,113.18	3/4	1,455.17	3/4	1,797.16	3/4	2,139.14	3/4	2,481.13	3/4	2,822.57	3/4	3,163.57
4	114.16	4	436.84	4	778.82	4	1,120.31	4	1,462.29	4	1,804.28	4	2,146.27	4	2,488.25	4	2,829.68	4	3,170.66
1/4	121.29	1/4	443.97	1/4	785.94	1/4	1,127.43	1/4	1,469.42	1/4	1,811.40	1/4	2,153.39	1/4	2,495.38	1/4	2,836.79	1/4	3,177.75
1/2	128.41	1/2	451.09	1/2	793.07	1/2	1,134.56	1/2	1,476.54	1/2	1,818.53	1/2	2,160.51	1/2	2,502.50	1/2	2,843.89	1/2	3,184.84
3/4	135.53	3/4	458.22	3/4	800.19	3/4	1,141.68	3/4	1,483.67	3/4	1,825.65	3/4	2,167.64	3/4	2,509.63	3/4	2,851.00	3/4	3,191.93
5	142.66	5	465.34	5	807.32	5	1,148.81	5	1,490.79	5	1,832.78	5	2,174.76	5	2,516.76	5	2,858.11	5	3,199.02
1/4	149.78	1/4	472.46	1/4	814.44	1/4	1,155.93	1/4	1,497.92	1/4	1,839.90	1/4	2,181.89	1/4	2,523.88	1/4	2,865.21	1/4	3,206.10
1/2	156.91	1/2	479.59	1/2	821.55	1/2	1,163.06	1/2	1,505.04	1/2	1,847.03	1/2	2,189.01	1/2	2,531.01	1/2	2,872.32	1/2	3,213.19
3/4	164.03	3/4	486.71	3/4	828.67	3/4	1,170.18	3/4	1,512.17	3/4	1,854.15	3/4	2,196.14	3/4	2,538.13	3/4	2,879.43	3/4	3,220.28
6	171.16	6	493.84	6	835.79	6	1,177.31	6	1,519.29	6	1,861.28	6	2,203.26	6	2,545.26	6	2,886.53	6	3,227.37
1/4	177.67	1/4	500.96	1/4	842.90	1/4	1,184.43	1/4	1,526.42	1/4	1,868.40	1/4	2,210.39	1/4	2,552.39	1/4	2,893.64	1/4	3,234.46
1/2	184.19	1/2	508.09	1/2	850.01	1/2	1,191.56	1/2	1,533.54	1/2	1,875.53	1/2	2,217.51	1/2	2,559.51	1/2	2,900.75	1/2	3,241.55
3/4	190.71	3/4	515.21	3/4	857.12	3/4	1,198.68	3/4	1,540.67	3/4	1,882.65	3/4	2,224.64	3/4	2,566.64	3/4	2,907.85	3/4	3,248.64
7	197.22	7	522.34	7	864.23	7	1,205.80	7	1,547.79	7	1,889.78	7	2,231.76	7	2,573.77	7	2,914.96	7	3,255.73
1/4	203.45	1/4	529.46	1/4	871.35	1/4	1,212.93	1/4	1,554.92	1/4	1,896.90	1/4	2,238.89	1/4	2,580.89	1/4	2,922.07	1/4	3,262.82
1/2	209.67	1/2	536.59	1/2	878.46	1/2	1,220.05	1/2	1,562.04	1/2	1,904.03	1/2	2,246.01	1/2	2,588.02	1/2	2,929.17	1/2	3,269.91
3/4	215.89	3/4	543.71	3/4	885.57	3/4	1,227.18	3/4	1,569.16	3/4	1,911.15	3/4	2,253.14	3/4	2,595.14	3/4	2,936.28	3/4	3,277.00
8	222.11	8	550.83	8	892.68	8	1,234.30	8	1,576.29	8	1,918.27	8	2,260.26	8	2,602.27	8	2,943.39	8	3,284.09
1/4	228.34	1/4	557.96	1/4	899.79	1/4	1,241.43	1/4	1,583.41	1/4	1,925.40	1/4	2,267.39	1/4	2,609.38	1/4	2,950.49	1/4	3,291.18
1/2	234.56	1/2	565.08	1/2	906.90	1/2	1,248.55	1/2	1,590.54	1/2	1,932.52	1/2	2,274.51	1/2	2,616.48	1/2	2,957.60	1/2	3,298.26
3/4	240.78	3/4	572.21	3/4	914.01	3/4	1,255.68	3/4	1,597.66	3/4	1,939.65	3/4	2,281.63	3/4	2,623.59	3/4	2,964.71	3/4	3,305.35
9	247.00	9	579.33	9	921.12	9	1,262.80	9	1,604.79	9	1,946.77	9	2,288.76	9	2,630.70	9	2,971.81	9	3,312.44
1/4	253.23	1/4	586.46	1/4	928.23	1/4	1,269.93	1/4	1,611.91	1/4	1,953.90	1/4	2,295.88	1/4	2,637.80	1/4	2,978.92	1/4	3,319.53
1/2	259.45	1/2	593.58	1/2	935.34	1/2	1,277.05	1/2	1,619.04	1/2	1,961.02	1/2	2,303.01	1/2	2,644.91	1/2	2,986.03	1/2	3,326.62
3/4	265.67	3/4	600.71	3/4	942.45	3/4	1,284.18	3/4	1,626.16	3/4	1,968.15	3/4	2,310.13	3/4	2,652.02	3/4	2,993.13	3/4	3,333.71
10	271.89	10	607.83	10	949.56	10	1,291.30	10	1,633.29	10	1,975.27	10	2,317.26	10	2,659.12	10	3,000.24	10	3,340.80
1/4	278.11	1/4	614.95	1/4	956.67	1/4	1,298.43	1/4	1,640.41	1/4	1,982.40	1/4	2,324.38	1/4	2,666.23	1/4	3,007.35	1/4	3,347.89
1/2	284.34	1/2	622.08	1/2	963.78	1/2	1,305.55	1/2	1,647.54	1/2	1,989.52	1/2	2,331.51	1/2	2,673.34	1/2	3,014.45	1/2	3,349.47
3/4	290.56	3/4	629.20	3/4	970.89	3/4	1,312.68	3/4	1,654.66	3/4	1,996.65	3/4	2,338.63	3/4	2,680.44	3/4	3,021.56	3/4	3,353.80
11	296.78	11	636.33	11	978.01	11	1,319.80	11	1,661.79	11	2,003.77	11	2,345.76	11	2,687.55	11	3,028.67	11	3,358.13
1/4	303.30	1/4	643.45	1/4	985.12	1/4	1,326.92	1/4	1,668.91	1/4	2,010.90	1/4	2,352.88	1/4	2,694.66	1/4	3,035.77	1/4	3,362.47
1/2	309.82	1/2	650.58	1/2	992.23	1/2	1,334.05	1/2	1,676.04	1/2	2,018.02	1/2	2,360.01	1/2	2,701.76	1/2	3,042.88	1/2	3,366.80
3/4	316.33	3/4	657.70	3/4	999.34	3/4	1,341.17	3/4	1,683.16	3/4	2,025.15	3/4	2,367.13	3/4	2,708.87	3/4	3,049.99	3/4	3,371.14

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

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 29116"

3 STBD INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3026"

GAUGE HEIGHT 16'-04 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	3,375.47	0	3,585.21	0	3,794.94	0	4,004.30	0	4,213.12	0		0		0		0		0	
1/4	3,379.84	1/4	3,589.57	1/4	3,799.31	1/4	4,008.65	1/4	4,217.47	1/4		1/4		1/4		1/4		1/4	
1/2	3,384.21	1/2	3,593.94	1/2	3,803.68	1/2	4,013.00	1/2	4,221.82	1/2		1/2		1/2		1/2		1/2	
3/4	3,388.58	3/4	3,598.31	3/4	3,808.05	3/4	4,017.35	3/4	4,226.17	3/4		3/4		3/4		3/4		3/4	
1	3,392.95	1	3,602.68	1	3,812.42	1	4,021.70	1	4,230.52	1		1		1		1		1	
1/4	3,397.32	1/4	3,607.05	1/4	3,816.79	1/4	4,026.05	1/4	4,234.87	1/4		1/4		1/4		1/4		1/4	
1/2	3,401.69	1/2	3,611.42	1/2	3,821.16	1/2	4,030.40	1/2	4,239.22	1/2		1/2		1/2		1/2		1/2	
3/4	3,406.06	3/4	3,615.79	3/4	3,825.53	3/4	4,034.75	3/4	4,243.57	3/4		3/4		3/4		3/4		3/4	
2	3,410.43	2	3,620.16	2	3,829.90	2	4,039.10	2	4,247.93	2		2		2		2		2	
1/4	3,414.79	1/4	3,624.53	1/4	3,834.27	1/4	4,043.45	1/4	4,252.28	1/4		1/4		1/4		1/4		1/4	
1/2	3,419.16	1/2	3,628.90	1/2	3,838.64	1/2	4,047.80	1/2	4,256.63	1/2		1/2		1/2		1/2		1/2	
3/4	3,423.53	3/4	3,633.27	3/4	3,843.01	3/4	4,052.15	3/4	4,260.98	3/4		3/4		3/4		3/4		3/4	
3	3,427.90	3	3,637.64	3	3,847.38	3	4,056.50	3	4,265.33	3		3		3		3		3	
1/4	3,432.27	1/4	3,642.01	1/4	3,851.74	1/4	4,060.85	1/4	4,269.65	1/4		1/4		1/4		1/4		1/4	
1/2	3,436.64	1/2	3,646.38	1/2	3,856.11	1/2	4,065.20	1/2	4,273.97	1/2		1/2		1/2		1/2		1/2	
3/4	3,441.01	3/4	3,650.75	3/4	3,860.48	3/4	4,069.55	3/4	4,278.30	3/4		3/4		3/4		3/4		3/4	
4	3,445.38	4	3,655.12	4	3,864.85	4	4,073.91	4	4,282.62	4		4		4		4		4	
1/4	3,449.75	1/4	3,659.49	1/4	3,869.22	1/4	4,078.26	1/4	4,286.94	1/4		1/4		1/4		1/4		1/4	
1/2	3,454.12	1/2	3,663.86	1/2	3,873.59	1/2	4,082.61	1/2	4,291.26	1/2		1/2		1/2		1/2		1/2	
3/4	3,458.49	3/4	3,668.23	3/4	3,877.96	3/4	4,086.96	3/4	4,295.59	3/4		3/4		3/4		3/4		3/4	
5	3,462.86	5	3,672.60	5	3,882.33	5	4,091.31	5	4,299.91	5		5		5		5		5	
1/4	3,467.23	1/4	3,676.96	1/4	3,886.70	1/4	4,095.66	1/4	4,304.23	1/4		1/4		1/4		1/4		1/4	
1/2	3,471.60	1/2	3,681.33	1/2	3,891.07	1/2	4,100.01	1/2	4,308.55	1/2		1/2		1/2		1/2		1/2	
3/4	3,475.97	3/4	3,685.70	3/4	3,895.44	3/4	4,104.36	3/4	4,312.87	3/4		3/4		3/4		3/4		3/4	
6	3,480.34	6	3,690.07	6	3,899.81	6	4,108.71	6	4,317.19	6		6		6		6		6	
1/4	3,484.71	1/4	3,694.44	1/4	3,904.18	1/4	4,113.06	1/4	4,321.50	1/4		1/4		1/4		1/4		1/4	
1/2	3,489.08	1/2	3,698.81	1/2	3,908.55	1/2	4,117.41	1/2	4,325.80	1/2		1/2		1/2		1/2		1/2	
3/4	3,493.45	3/4	3,703.18	3/4	3,912.92	3/4	4,121.76	3/4	4,330.11	3/4		3/4		3/4		3/4		3/4	
7	3,497.82	7	3,707.55	7	3,917.29	7	4,126.11	7	4,334.42	7		7		7		7		7	
1/4	3,502.18	1/4	3,711.92	1/4	3,921.64	1/4	4,130.46	1/4	4,338.68	1/4		1/4		1/4		1/4		1/4	
1/2	3,506.55	1/2	3,716.29	1/2	3,925.99	1/2	4,134.81	1/2	4,342.93	1/2		1/2		1/2		1/2		1/2	
3/4	3,510.92	3/4	3,720.66	3/4	3,930.34	3/4	4,139.16	3/4	4,347.18	3/4		3/4		3/4		3/4		3/4	
8	3,515.29	8	3,725.03	8	3,934.69	8	4,143.51	8	4,351.44	8		8		8		8		8	
1/4	3,519.66	1/4	3,729.40	1/4	3,939.04	1/4	4,147.86	1/4	4,355.77	1/4		1/4		1/4		1/4		1/4	
1/2	3,524.03	1/2	3,733.77	1/2	3,943.39	1/2	4,152.21	1/2	4,358.30	1/2		1/2		1/2		1/2		1/2	
3/4	3,528.40	3/4	3,738.14	3/4	3,947.74	3/4	4,156.56	3/4	4,361.74	3/4		3/4		3/4		3/4		3/4	
9	3,532.77	9	3,742.51	9	3,952.09	9	4,160.92	9	4,365.17	9		9		9		9		9	
1/4	3,537.14	1/4	3,746.88	1/4	3,956.44	1/4	4,165.27	1/4	4,367.41	1/4		1/4		1/4		1/4		1/4	
1/2	3,541.51	1/2	3,751.25	1/2	3,960.79	1/2	4,169.62	1/2	4,369.66	1/2		1/2		1/2		1/2		1/2	
3/4	3,545.88	3/4	3,755.62	3/4	3,965.14	3/4	4,173.97	3/4	4,371.90	3/4		3/4		3/4		3/4		3/4	
10	3,550.25	10	3,759.99	10	3,969.49	10	4,178.32	10	4,374.15	10		10		10		10		10	
1/4	3,554.62	1/4	3,764.35	1/4	3,973.84	1/4	4,182.67	1/4	4,375.86	1/4		1/4		1/4		1/4		1/4	
1/2	3,558.99	1/2	3,768.72	1/2	3,978.19	1/2	4,187.02	1/2	4,377.56	1/2		1/2		1/2		1/2		1/2	
3/4	3,563.36	3/4	3,773.09	3/4	3,982.54	3/4	4,191.37	3/4	4,379.27	3/4		3/4		3/4		3/4		3/4	
11	3,567.73	11	3,777.46	11	3,986.90	11	4,195.72	11	4,380.98	11		11		11		11		11	
1/4	3,572.10	1/4	3,781.83	1/4	3,991.25	1/4	4,200.07	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,576.47	1/2	3,786.20	1/2	3,995.60	1/2	4,204.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,580.84	3/4	3,790.57	3/4	3,999.95	3/4	4,208.77	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/10/2021 CL
CALCULATED: 11/10/2021 CL
NAME CHANGE: 03/27/2023 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 29116"

ULLAGE (HERMETIC)

FORMERLY "NGL 3026"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 237'-03"

November 10, 2021

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTC 29116"

1 PORT ULLAGE TABLE

HERMETIC GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3026"

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	4,864.82	0	4,524.40	0	4,183.36	0	3,841.02	0	3,498.70	0	3,156.45	0	2,814.16	0	2,471.81
1/4		1/4		1/4	4,857.77	1/4	4,517.30	1/4	4,176.23	1/4	3,833.88	1/4	3,491.57	1/4	3,149.32	1/4	2,807.03	1/4	2,464.68
1/2		1/2		1/2	4,850.72	1/2	4,510.20	1/2	4,169.10	1/2	3,826.75	1/2	3,484.44	1/2	3,142.19	1/2	2,799.89	1/2	2,457.54
3/4		3/4		3/4	4,843.66	3/4	4,503.11	3/4	4,161.97	3/4	3,819.62	3/4	3,477.31	3/4	3,135.06	3/4	2,792.76	3/4	2,450.41
1		1		1	4,836.61	1	4,496.01	1	4,154.83	1	3,812.49	1	3,470.18	1	3,127.93	1	2,785.63	1	2,443.28
1/4		1/4		1/4	4,829.55	1/4	4,488.91	1/4	4,147.70	1/4	3,805.36	1/4	3,463.05	1/4	3,120.80	1/4	2,778.50	1/4	2,436.14
1/2		1/2		1/2	4,822.50	1/2	4,481.81	1/2	4,140.57	1/2	3,798.22	1/2	3,455.92	1/2	3,113.67	1/2	2,771.37	1/2	2,429.01
3/4		3/4		3/4	4,815.44	3/4	4,474.71	3/4	4,133.44	3/4	3,791.09	3/4	3,448.79	3/4	3,106.54	3/4	2,764.23	3/4	2,421.88
2		2		2	4,808.39	2	4,467.61	2	4,126.30	2	3,783.96	2	3,441.66	2	3,099.41	2	2,757.10	2	2,414.75
1/4		1/4		1/4	4,801.29	1/4	4,460.51	1/4	4,119.17	1/4	3,776.83	1/4	3,434.53	1/4	3,092.28	1/4	2,749.97	1/4	2,407.61
1/2		1/2		1/2	4,794.19	1/2	4,453.41	1/2	4,112.04	1/2	3,769.69	1/2	3,427.40	1/2	3,085.15	1/2	2,742.84	1/2	2,400.48
3/4		3/4		3/4	4,787.09	3/4	4,446.31	3/4	4,104.91	3/4	3,762.56	3/4	3,420.27	3/4	3,078.02	3/4	2,735.71	3/4	2,393.35
3		3		3	4,779.99	3	4,439.21	3	4,097.78	3	3,755.43	3	3,413.14	3	3,070.89	3	2,728.57	3	2,386.22
1/4		1/4		1/4	4,772.89	1/4	4,432.11	1/4	4,090.64	1/4	3,748.30	1/4	3,406.01	1/4	3,063.76	1/4	2,721.44	1/4	2,379.08
1/2		1/2		1/2	4,765.79	1/2	4,425.01	1/2	4,083.51	1/2	3,741.17	1/2	3,398.88	1/2	3,056.63	1/2	2,714.31	1/2	2,371.95
3/4		3/4		3/4	4,758.69	3/4	4,417.91	3/4	4,076.38	3/4	3,734.03	3/4	3,391.75	3/4	3,049.50	3/4	2,707.18	3/4	2,364.82
4		4		4	4,751.59	4	4,410.81	4	4,069.25	4	3,726.90	4	3,384.62	4	3,042.37	4	2,700.04	4	2,357.69
1/4		1/4		1/4	4,744.49	1/4	4,403.71	1/4	4,062.12	1/4	3,719.77	1/4	3,377.49	1/4	3,035.24	1/4	2,692.91	1/4	2,350.55
1/2		1/2		1/2	4,737.39	1/2	4,396.61	1/2	4,054.98	1/2	3,712.64	1/2	3,370.36	1/2	3,028.11	1/2	2,685.78	1/2	2,343.42
3/4		3/4		3/4	4,730.29	3/4	4,389.51	3/4	4,047.85	3/4	3,705.51	3/4	3,363.23	3/4	3,020.98	3/4	2,678.65	3/4	2,336.29
5		5		5	4,723.19	5	4,382.41	5	4,040.72	5	3,698.37	5	3,356.10	5	3,013.85	5	2,671.52	5	2,329.16
1/4		1/4		1/4	4,716.09	1/4	4,375.31	1/4	4,033.59	1/4	3,691.24	1/4	3,348.97	1/4	3,006.72	1/4	2,664.38	1/4	2,322.02
1/2		1/2		1/2	4,708.99	1/2	4,368.21	1/2	4,026.45	1/2	3,684.11	1/2	3,341.84	1/2	2,999.59	1/2	2,657.25	1/2	2,314.89
3/4		3/4		3/4	4,701.89	3/4	4,361.11	3/4	4,019.32	3/4	3,676.98	3/4	3,334.71	3/4	2,992.46	3/4	2,650.12	3/4	2,307.76
6		6	5,008.84	6	4,694.79	6	4,354.01	6	4,012.19	6	3,669.84	6	3,327.58	6	2,985.33	6	2,642.99	6	2,300.63
1/4		1/4	5,005.05	1/4	4,687.69	1/4	4,346.91	1/4	4,005.06	1/4	3,662.71	1/4	3,320.45	1/4	2,978.20	1/4	2,635.86	1/4	2,293.49
1/2		1/2	5,001.27	1/2	4,680.60	1/2	4,339.81	1/2	3,997.93	1/2	3,655.58	1/2	3,313.32	1/2	2,971.06	1/2	2,628.72	1/2	2,286.36
3/4		3/4	4,997.48	3/4	4,673.50	3/4	4,332.71	3/4	3,990.79	3/4	3,648.45	3/4	3,306.19	3/4	2,963.93	3/4	2,621.59	3/4	2,279.23
7		7	4,993.70	7	4,666.40	7	4,325.62	7	3,983.66	7	3,641.32	7	3,299.06	7	2,956.80	7	2,614.46	7	2,272.09
1/4		1/4	4,988.72	1/4	4,659.30	1/4	4,318.52	1/4	3,976.53	1/4	3,634.18	1/4	3,291.93	1/4	2,949.67	1/4	2,607.33	1/4	2,264.96
1/2		1/2	4,983.75	1/2	4,652.20	1/2	4,311.42	1/2	3,969.40	1/2	3,627.05	1/2	3,284.80	1/2	2,942.54	1/2	2,600.19	1/2	2,257.83
3/4		3/4	4,978.77	3/4	4,645.10	3/4	4,304.32	3/4	3,962.26	3/4	3,619.92	3/4	3,277.67	3/4	2,935.40	3/4	2,593.06	3/4	2,250.70
8		8	4,973.80	8	4,638.00	8	4,297.22	8	3,955.13	8	3,612.79	8	3,270.54	8	2,928.27	8	2,585.93	8	2,243.56
1/4		1/4	4,967.64	1/4	4,630.90	1/4	4,290.12	1/4	3,948.00	1/4	3,605.66	1/4	3,263.41	1/4	2,921.14	1/4	2,578.80	1/4	2,236.43
1/2		1/2	4,961.47	1/2	4,623.80	1/2	4,283.02	1/2	3,940.87	1/2	3,598.53	1/2	3,256.28	1/2	2,914.01	1/2	2,571.66	1/2	2,229.30
3/4		3/4	4,955.31	3/4	4,616.70	3/4	4,275.92	3/4	3,933.74	3/4	3,591.40	3/4	3,249.15	3/4	2,906.88	3/4	2,564.53	3/4	2,222.17
9		9	4,949.15	9	4,609.60	9	4,268.82	9	3,926.60	9	3,584.27	9	3,242.02	9	2,899.74	9	2,557.40	9	2,215.03
1/4		1/4	4,942.16	1/4	4,602.50	1/4	4,261.72	1/4	3,919.47	1/4	3,577.14	1/4	3,234.89	1/4	2,892.61	1/4	2,550.27	1/4	2,207.90
1/2		1/2	4,935.18	1/2	4,595.40	1/2	4,254.62	1/2	3,912.34	1/2	3,570.01	1/2	3,227.76	1/2	2,885.48	1/2	2,543.13	1/2	2,200.77
3/4		3/4	4,928.19	3/4	4,588.30	3/4	4,247.52	3/4	3,905.21	3/4	3,562.88	3/4	3,220.63	3/4	2,878.35	3/4	2,536.00	3/4	2,193.64
10		10	4,921.20	10	4,581.20	10	4,240.42	10	3,898.07	10	3,555.74	10	3,213.50	10	2,871.22	10	2,528.87	10	2,186.50
1/4		1/4	4,914.16	1/4	4,574.10	1/4	4,233.29	1/4	3,890.94	1/4	3,548.61	1/4	3,206.37	1/4	2,864.08	1/4	2,521.74	1/4	2,179.37
1/2		1/2	4,907.12	1/2	4,567.00	1/2	4,226.16	1/2	3,883.81	1/2	3,541.48	1/2	3,199.23	1/2	2,856.95	1/2	2,514.60	1/2	2,172.24
3/4		3/4	4,900.08	3/4	4,559.90	3/4	4,219.02	3/4	3,876.68	3/4	3,534.35	3/4	3,192.10	3/4	2,849.82	3/4	2,507.47	3/4	2,165.11
11		11	4,893.04	11	4,552.80	11	4,211.89	11	3,869.55	11	3,527.22	11	3,184.97	11	2,842.69	11	2,500.34	11	2,157.97
1/4		1/4	4,885.99	1/4	4,545.70	1/4	4,204.76	1/4	3,862.41	1/4	3,520.09	1/4	3,177.84	1/4	2,835.55	1/4	2,493.21	1/4	2,150.84
1/2		1/2	4,878.93	1/2	4,538.60	1/2	4,197.63	1/2	3,855.28	1/2	3,512.96	1/2	3,170.71	1/2	2,828.42	1/2	2,486.07	1/2	2,143.71
3/4		3/4	4,871.88	3/4	4,531.50	3/4	4,190.49	3/4	3,848.15	3/4	3,505.83	3/4	3,163.58	3/4	2,821.29	3/4	2,478.94	3/4	2,136.58

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

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 29116"

1 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3026"

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	2,129.44	0	1,787.08	0	1,444.71	0	1,102.35	0	762.47	0	420.96	0	115.32	0		0			
1/4	2,122.31	1/4	1,779.95	1/4	1,437.58	1/4	1,095.22	1/4	755.37	1/4	414.04	1/4	109.39	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,115.18	1/2	1,772.81	1/2	1,430.45	1/2	1,088.08	1/2	748.27	1/2	407.11	1/2	103.47	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,108.05	3/4	1,765.68	3/4	1,423.32	3/4	1,080.95	3/4	741.17	3/4	400.19	3/4	97.55	3/4	3/4	3/4	3/4	3/4	3/4
1	2,100.91	1	1,758.55	1	1,416.18	1	1,073.82	1	734.08	1	393.26	1	91.63	1	1	1	1	1	1
1/4	2,093.78	1/4	1,751.42	1/4	1,409.05	1/4	1,066.72	1/4	726.94	1/4	386.42	1/4	85.80	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,086.65	1/2	1,744.28	1/2	1,401.92	1/2	1,059.62	1/2	719.81	1/2	379.58	1/2	79.97	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,079.51	3/4	1,737.15	3/4	1,394.79	3/4	1,052.52	3/4	712.68	3/4	372.74	3/4	74.14	3/4	3/4	3/4	3/4	3/4	3/4
2	2,072.38	2	1,730.02	2	1,387.65	2	1,045.42	2	705.55	2	365.90	2	68.31	2	2	2	2	2	2
1/4	2,065.25	1/4	1,722.88	1/4	1,380.52	1/4	1,038.34	1/4	698.41	1/4	359.14	1/4	62.58	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,058.12	1/2	1,715.75	1/2	1,373.39	1/2	1,031.26	1/2	691.28	1/2	352.39	1/2	56.86	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,050.98	3/4	1,708.62	3/4	1,366.25	3/4	1,024.18	3/4	684.15	3/4	345.63	3/4	51.14	3/4	3/4	3/4	3/4	3/4	3/4
3	2,043.85	3	1,701.49	3	1,359.12	3	1,017.10	3	677.02	3	338.87	3	45.42	3	3	3	3	3	3
1/4	2,036.72	1/4	1,694.35	1/4	1,351.99	1/4	1,010.03	1/4	669.88	1/4	332.20	1/4	40.64	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,029.59	1/2	1,687.22	1/2	1,344.86	1/2	1,002.96	1/2	662.75	1/2	325.52	1/2	35.86	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,022.45	3/4	1,680.09	3/4	1,337.72	3/4	995.88	3/4	655.62	3/4	318.85	3/4	31.08	3/4	3/4	3/4	3/4	3/4	3/4
4	2,015.32	4	1,672.96	4	1,330.59	4	988.81	4	648.49	4	312.18	4	26.30	4	4	4	4	4	4
1/4	2,008.19	1/4	1,665.82	1/4	1,323.46	1/4	981.74	1/4	641.36	1/4	305.58	1/4	23.38	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,001.06	1/2	1,658.69	1/2	1,316.33	1/2	974.67	1/2	634.22	1/2	298.99	1/2	20.47	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,993.92	3/4	1,651.56	3/4	1,309.19	3/4	967.60	3/4	627.09	3/4	292.40	3/4	17.55	3/4	3/4	3/4	3/4	3/4	3/4
5	1,986.79	5	1,644.43	5	1,302.06	5	960.52	5	619.96	5	285.81	5	14.63	5	5	5	5	5	5
1/4	1,979.66	1/4	1,637.29	1/4	1,294.93	1/4	953.45	1/4	612.83	1/4	279.31	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,972.53	1/2	1,630.16	1/2	1,287.80	1/2	946.38	1/2	605.69	1/2	272.80	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,965.39	3/4	1,623.03	3/4	1,280.66	3/4	939.31	3/4	598.56	3/4	266.29	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	1,958.26	6	1,615.90	6	1,273.53	6	932.23	6	591.43	6	259.78	6	6	6	6	6	6	6	6
1/4	1,951.13	1/4	1,608.76	1/4	1,266.40	1/4	925.16	1/4	584.30	1/4	253.65	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,944.00	1/2	1,601.63	1/2	1,259.27	1/2	918.09	1/2	577.17	1/2	247.52	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,936.86	3/4	1,594.50	3/4	1,252.13	3/4	911.02	3/4	570.03	3/4	241.39	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	1,929.73	7	1,587.37	7	1,245.00	7	903.95	7	562.90	7	235.26	7	7	7	7	7	7	7	7
1/4	1,922.60	1/4	1,580.23	1/4	1,237.87	1/4	896.87	1/4	555.77	1/4	229.22	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,915.46	1/2	1,573.10	1/2	1,230.74	1/2	889.80	1/2	548.64	1/2	223.17	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,908.33	3/4	1,565.97	3/4	1,223.60	3/4	882.73	3/4	541.50	3/4	217.13	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	1,901.20	8	1,558.83	8	1,216.47	8	875.66	8	534.37	8	211.08	8	8	8	8	8	8	8	8
1/4	1,894.07	1/4	1,551.70	1/4	1,209.34	1/4	868.59	1/4	527.24	1/4	205.12	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,886.93	1/2	1,544.57	1/2	1,202.20	1/2	861.51	1/2	520.11	1/2	199.15	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,879.80	3/4	1,537.44	3/4	1,195.07	3/4	854.44	3/4	512.97	3/4	193.19	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	1,872.67	9	1,530.30	9	1,187.94	9	847.37	9	505.84	9	187.23	9	9	9	9	9	9	9	9
1/4	1,865.54	1/4	1,523.17	1/4	1,180.81	1/4	840.30	1/4	498.71	1/4	181.35	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,858.40	1/2	1,516.04	1/2	1,173.67	1/2	833.22	1/2	491.58	1/2	175.47	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,851.27	3/4	1,508.91	3/4	1,166.54	3/4	826.15	3/4	484.45	3/4	169.59	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	1,844.14	10	1,501.77	10	1,159.41	10	819.08	10	477.31	10	163.71	10	10	10	10	10	10	10	10
1/4	1,837.01	1/4	1,494.64	1/4	1,152.28	1/4	812.01	1/4	470.23	1/4	157.62	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,829.87	1/2	1,487.51	1/2	1,145.14	1/2	804.94	1/2	463.14	1/2	151.53	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,822.74	3/4	1,480.38	3/4	1,138.01	3/4	797.86	3/4	456.06	3/4	145.44	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,815.61	11	1,473.24	11	1,130.88	11	790.79	11	448.97	11	139.35	11	11	11	11	11	11	11	11
1/4	1,808.48	1/4	1,466.11	1/4	1,123.75	1/4	783.71	1/4	441.97	1/4	133.34	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,801.34	1/2	1,458.98	1/2	1,116.61	1/2	776.63	1/2	434.97	1/2	127.33	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,794.21	3/4	1,451.85	3/4	1,109.48	3/4	769.55	3/4	427.96	3/4	121.32	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/10/2021 CL
CALCULATED: 11/10/2021 CL
NAME CHANGE: 03/27/2023 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023



BARGE "CTC 29116"

1 STBD ULLAGE TABLE

HERMETIC GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3026"

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	4,861.05	0	4,520.26	0	4,178.85	0	3,836.14	0	3,493.46	0	3,150.83	0	2,808.17	0	2,465.45
1/4		1/4		1/4	4,853.99	1/4	4,513.15	1/4	4,171.71	1/4	3,829.00	1/4	3,486.32	1/4	3,143.69	1/4	2,801.03	1/4	2,458.31
1/2		1/2		1/2	4,846.93	1/2	4,506.04	1/2	4,164.57	1/2	3,821.86	1/2	3,479.18	1/2	3,136.56	1/2	2,793.89	1/2	2,451.17
3/4		3/4		3/4	4,839.86	3/4	4,498.94	3/4	4,157.43	3/4	3,814.72	3/4	3,472.04	3/4	3,129.42	3/4	2,786.75	3/4	2,444.03
1		1		1	4,832.80	1	4,491.83	1	4,150.29	1	3,807.58	1	3,464.90	1	3,122.28	1	2,779.61	1	2,436.89
1/4		1/4		1/4	4,825.74	1/4	4,484.72	1/4	4,143.15	1/4	3,800.44	1/4	3,457.77	1/4	3,115.14	1/4	2,772.47	1/4	2,429.75
1/2		1/2		1/2	4,818.68	1/2	4,477.61	1/2	4,136.01	1/2	3,793.30	1/2	3,450.63	1/2	3,108.00	1/2	2,765.33	1/2	2,422.61
3/4		3/4		3/4	4,811.61	3/4	4,470.51	3/4	4,128.87	3/4	3,786.16	3/4	3,443.49	3/4	3,100.87	3/4	2,758.19	3/4	2,415.46
2		2		2	4,804.55	2	4,463.40	2	4,121.73	2	3,779.02	2	3,436.35	2	3,093.73	2	2,751.05	2	2,408.32
1/4		1/4		1/4	4,797.44	1/4	4,456.29	1/4	4,114.59	1/4	3,771.88	1/4	3,429.21	1/4	3,086.59	1/4	2,743.91	1/4	2,401.18
1/2		1/2		1/2	4,790.34	1/2	4,449.19	1/2	4,107.45	1/2	3,764.74	1/2	3,422.08	1/2	3,079.45	1/2	2,736.77	1/2	2,394.04
3/4		3/4		3/4	4,783.23	3/4	4,442.08	3/4	4,100.31	3/4	3,757.60	3/4	3,414.94	3/4	3,072.31	3/4	2,729.63	3/4	2,386.90
3		3		3	4,776.12	3	4,434.97	3	4,093.17	3	3,750.46	3	3,407.80	3	3,065.18	3	2,722.49	3	2,379.76
1/4		1/4		1/4	4,769.01	1/4	4,427.86	1/4	4,086.03	1/4	3,743.32	1/4	3,400.66	1/4	3,058.04	1/4	2,715.35	1/4	2,372.62
1/2		1/2		1/2	4,761.91	1/2	4,420.76	1/2	4,078.89	1/2	3,736.18	1/2	3,393.52	1/2	3,050.90	1/2	2,708.21	1/2	2,365.48
3/4		3/4		3/4	4,754.80	3/4	4,413.65	3/4	4,071.75	3/4	3,729.04	3/4	3,386.39	3/4	3,043.76	3/4	2,701.07	3/4	2,358.34
4		4		4	4,747.69	4	4,406.54	4	4,064.61	4	3,721.90	4	3,379.25	4	3,036.62	4	2,693.93	4	2,351.20
1/4		1/4		1/4	4,740.58	1/4	4,399.43	1/4	4,057.47	1/4	3,714.76	1/4	3,372.11	1/4	3,029.49	1/4	2,686.79	1/4	2,344.06
1/2		1/2		1/2	4,733.48	1/2	4,392.33	1/2	4,050.33	1/2	3,707.62	1/2	3,364.97	1/2	3,022.35	1/2	2,679.65	1/2	2,336.92
3/4		3/4		3/4	4,726.37	3/4	4,385.22	3/4	4,043.19	3/4	3,700.48	3/4	3,357.83	3/4	3,015.21	3/4	2,672.51	3/4	2,329.78
5		5		5	4,719.26	5	4,378.11	5	4,036.05	5	3,693.34	5	3,350.70	5	3,008.07	5	2,665.37	5	2,322.64
1/4		1/4		1/4	4,712.16	1/4	4,371.01	1/4	4,028.91	1/4	3,686.20	1/4	3,343.56	1/4	3,000.93	1/4	2,658.23	1/4	2,315.50
1/2		1/2		1/2	4,705.05	1/2	4,363.90	1/2	4,021.77	1/2	3,679.06	1/2	3,336.42	1/2	2,993.80	1/2	2,651.09	1/2	2,308.36
3/4		3/4		3/4	4,697.94	3/4	4,356.79	3/4	4,014.63	3/4	3,671.92	3/4	3,329.28	3/4	2,986.66	3/4	2,643.95	3/4	2,301.22
6		6	5,005.22	6	4,690.83	6	4,349.68	6	4,007.49	6	3,664.78	6	3,322.14	6	2,979.52	6	2,636.81	6	2,294.08
1/4		1/4	5,001.43	1/4	4,683.73	1/4	4,342.58	1/4	4,000.35	1/4	3,657.64	1/4	3,315.01	1/4	2,972.38	1/4	2,629.67	1/4	2,286.94
1/2		1/2	4,997.64	1/2	4,676.62	1/2	4,335.47	1/2	3,993.21	1/2	3,650.50	1/2	3,307.87	1/2	2,965.24	1/2	2,622.54	1/2	2,279.80
3/4		3/4	4,993.85	3/4	4,669.51	3/4	4,328.36	3/4	3,986.07	3/4	3,643.36	3/4	3,300.73	3/4	2,958.10	3/4	2,615.40	3/4	2,272.66
7		7	4,990.06	7	4,662.40	7	4,321.25	7	3,978.93	7	3,636.22	7	3,293.59	7	2,950.96	7	2,608.26	7	2,265.52
1/4		1/4	4,985.08	1/4	4,655.30	1/4	4,314.15	1/4	3,971.79	1/4	3,629.08	1/4	3,286.45	1/4	2,943.82	1/4	2,601.12	1/4	2,258.38
1/2		1/2	4,980.10	1/2	4,648.19	1/2	4,307.04	1/2	3,964.65	1/2	3,621.94	1/2	3,279.32	1/2	2,936.68	1/2	2,593.97	1/2	2,251.24
3/4		3/4	4,975.12	3/4	4,641.08	3/4	4,299.93	3/4	3,957.51	3/4	3,614.80	3/4	3,272.18	3/4	2,929.54	3/4	2,586.83	3/4	2,244.10
8		8	4,970.14	8	4,633.98	8	4,292.82	8	3,950.37	8	3,607.66	8	3,265.04	8	2,922.40	8	2,579.69	8	2,236.95
1/4		1/4	4,963.97	1/4	4,626.87	1/4	4,285.72	1/4	3,943.23	1/4	3,600.53	1/4	3,257.90	1/4	2,915.26	1/4	2,572.55	1/4	2,229.81
1/2		1/2	4,957.80	1/2	4,619.76	1/2	4,278.61	1/2	3,936.09	1/2	3,593.39	1/2	3,250.76	1/2	2,908.12	1/2	2,565.41	1/2	2,222.67
3/4		3/4	4,951.63	3/4	4,612.65	3/4	4,271.50	3/4	3,928.96	3/4	3,586.25	3/4	3,243.63	3/4	2,900.98	3/4	2,558.27	3/4	2,215.53
9		9	4,945.46	9	4,605.55	9	4,264.40	9	3,921.82	9	3,579.11	9	3,236.49	9	2,893.84	9	2,551.13	9	2,208.39
1/4		1/4	4,938.47	1/4	4,598.44	1/4	4,257.29	1/4	3,914.68	1/4	3,571.97	1/4	3,229.35	1/4	2,886.70	1/4	2,543.99	1/4	2,201.25
1/2		1/2	4,931.48	1/2	4,591.33	1/2	4,250.18	1/2	3,907.54	1/2	3,564.84	1/2	3,222.21	1/2	2,879.56	1/2	2,536.85	1/2	2,194.11
3/4		3/4	4,924.48	3/4	4,584.22	3/4	4,243.07	3/4	3,900.40	3/4	3,557.70	3/4	3,215.07	3/4	2,872.42	3/4	2,529.71	3/4	2,186.97
10		10	4,917.49	10	4,577.12	10	4,235.97	10	3,893.26	10	3,550.56	10	3,207.94	10	2,865.28	10	2,522.57	10	2,179.83
1/4		1/4	4,910.44	1/4	4,570.01	1/4	4,228.83	1/4	3,886.12	1/4	3,543.42	1/4	3,200.80	1/4	2,858.15	1/4	2,515.43	1/4	2,172.69
1/2		1/2	4,903.39	1/2	4,562.90	1/2	4,221.69	1/2	3,878.98	1/2	3,536.28	1/2	3,193.66	1/2	2,851.01	1/2	2,508.29	1/2	2,165.55
3/4		3/4	4,896.34	3/4	4,555.79	3/4	4,214.55	3/4	3,871.84	3/4	3,529.15	3/4	3,186.52	3/4	2,843.87	3/4	2,501.15	3/4	2,158.41
11		11	4,889.30	11	4,548.69	11	4,207.41	11	3,864.70	11	3,522.01	11	3,179.38	11	2,836.73	11	2,494.01	11	2,151.27
1/4		1/4	4,882.24	1/4	4,541.58	1/4	4,200.27	1/4	3,857.56	1/4	3,514.87	1/4	3,172.25	1/4	2,829.59	1/4	2,486.87	1/4	2,144.13
1/2		1/2	4,875.17	1/2	4,534.47	1/2	4,193.13	1/2	3,850.42	1/2	3,507.73	1/2	3,165.11	1/2	2,822.45	1/2	2,479.73	1/2	2,136.99
3/4		3/4	4,868.11	3/4	4,527.37	3/4	4,185.99	3/4	3,843.28	3/4	3,500.59	3/4	3,157.97	3/4	2,815.31	3/4	2,472.59	3/4	2,129.85

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

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 29116"

1 STBD
ULLAGE TABLE
HERMETIC
GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3026"

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	2,122.71	0	1,779.97	0	1,437.23	0	1,094.49	0	752.04	0	409.99	0	115.42	0		0		0	
1/4	2,115.57	1/4	1,772.83	1/4	1,430.09	1/4	1,087.35	1/4	744.90	1/4	403.06	1/4	109.49	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,108.43	1/2	1,765.69	1/2	1,422.95	1/2	1,080.21	1/2	737.76	1/2	396.12	1/2	103.56	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,101.29	3/4	1,758.55	3/4	1,415.81	3/4	1,073.07	3/4	730.62	3/4	389.19	3/4	97.63	3/4	3/4	3/4	3/4	3/4	3/4
1	2,094.15	1	1,751.41	1	1,408.67	1	1,065.93	1	723.48	1	382.26	1	91.71	1	1	1	1	1	1
1/4	2,087.01	1/4	1,744.27	1/4	1,401.53	1/4	1,058.79	1/4	716.34	1/4	375.41	1/4	85.87	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,079.87	1/2	1,737.13	1/2	1,394.39	1/2	1,051.65	1/2	709.20	1/2	368.57	1/2	80.03	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,072.73	3/4	1,729.99	3/4	1,387.25	3/4	1,044.51	3/4	702.06	3/4	361.72	3/4	74.20	3/4	3/4	3/4	3/4	3/4	3/4
2	2,065.59	2	1,722.85	2	1,380.11	2	1,037.37	2	694.92	2	354.87	2	68.36	2	2	2	2	2	2
1/4	2,058.44	1/4	1,715.71	1/4	1,372.97	1/4	1,030.23	1/4	687.78	1/4	348.11	1/4	62.64	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,051.30	1/2	1,708.57	1/2	1,365.83	1/2	1,023.09	1/2	680.64	1/2	341.34	1/2	56.91	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,044.16	3/4	1,701.42	3/4	1,358.69	3/4	1,015.95	3/4	673.50	3/4	334.58	3/4	51.18	3/4	3/4	3/4	3/4	3/4	3/4
3	2,037.02	3	1,694.28	3	1,351.55	3	1,008.81	3	666.36	3	327.81	3	45.46	3	3	3	3	3	3
1/4	2,029.88	1/4	1,687.14	1/4	1,344.40	1/4	1,001.68	1/4	659.22	1/4	321.13	1/4	40.67	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,022.74	1/2	1,680.00	1/2	1,337.26	1/2	994.55	1/2	652.08	1/2	314.45	1/2	35.89	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,015.60	3/4	1,672.86	3/4	1,330.12	3/4	987.41	3/4	644.94	3/4	307.77	3/4	31.10	3/4	3/4	3/4	3/4	3/4	3/4
4	2,008.46	4	1,665.72	4	1,322.98	4	980.28	4	637.80	4	301.09	4	26.32	4	4	4	4	4	4
1/4	2,001.32	1/4	1,658.58	1/4	1,315.84	1/4	973.15	1/4	630.66	1/4	294.49	1/4	23.40	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,994.18	1/2	1,651.44	1/2	1,308.70	1/2	966.02	1/2	623.52	1/2	287.89	1/2	20.48	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,987.04	3/4	1,644.30	3/4	1,301.56	3/4	958.89	3/4	616.38	3/4	281.30	3/4	17.56	3/4	3/4	3/4	3/4	3/4	3/4
5	1,979.90	5	1,637.16	5	1,294.42	5	951.76	5	609.24	5	274.70	5	14.65	5	5	5	5	5	5
1/4	1,972.76	1/4	1,630.02	1/4	1,287.28	1/4	944.63	1/4	602.10	1/4	268.66	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,965.62	1/2	1,622.88	1/2	1,280.14	1/2	937.49	1/2	594.96	1/2	262.62	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,958.48	3/4	1,615.74	3/4	1,273.00	3/4	930.36	3/4	587.82	3/4	256.58	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	1,951.34	6	1,608.60	6	1,265.86	6	923.23	6	580.68	6	250.54	6	6	6	6	6	6	6	6
1/4	1,944.20	1/4	1,601.46	1/4	1,258.72	1/4	916.10	1/4	573.54	1/4	244.88	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,937.06	1/2	1,594.32	1/2	1,251.58	1/2	908.97	1/2	566.40	1/2	239.22	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,929.92	3/4	1,587.18	3/4	1,244.44	3/4	901.84	3/4	559.26	3/4	233.56	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	1,922.78	7	1,580.04	7	1,237.30	7	894.71	7	552.12	7	227.89	7	7	7	7	7	7	7	7
1/4	1,915.64	1/4	1,572.90	1/4	1,230.16	1/4	887.57	1/4	544.98	1/4	222.32	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,908.50	1/2	1,565.76	1/2	1,223.02	1/2	880.44	1/2	537.84	1/2	216.74	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,901.36	3/4	1,558.62	3/4	1,215.88	3/4	873.31	3/4	530.70	3/4	211.16	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	1,894.22	8	1,551.48	8	1,208.74	8	866.18	8	523.56	8	205.58	8	8	8	8	8	8	8	8
1/4	1,887.08	1/4	1,544.34	1/4	1,201.60	1/4	859.05	1/4	516.42	1/4	200.09	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,879.93	1/2	1,537.20	1/2	1,194.46	1/2	851.92	1/2	509.28	1/2	194.59	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,872.79	3/4	1,530.06	3/4	1,187.32	3/4	844.79	3/4	502.14	3/4	189.10	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	1,865.65	9	1,522.91	9	1,180.18	9	837.65	9	495.00	9	183.60	9	9	9	9	9	9	9	9
1/4	1,858.51	1/4	1,515.77	1/4	1,173.04	1/4	830.52	1/4	487.86	1/4	178.19	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,851.37	1/2	1,508.63	1/2	1,165.89	1/2	823.39	1/2	480.72	1/2	172.78	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,844.23	3/4	1,501.49	3/4	1,158.75	3/4	816.26	3/4	473.58	3/4	167.37	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	1,837.09	10	1,494.35	10	1,151.61	10	809.13	10	466.44	10	161.96	10	10	10	10	10	10	10	10
1/4	1,829.95	1/4	1,487.21	1/4	1,144.47	1/4	802.00	1/4	459.34	1/4	156.34	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,822.81	1/2	1,480.07	1/2	1,137.33	1/2	794.87	1/2	452.24	1/2	150.71	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,815.67	3/4	1,472.93	3/4	1,130.19	3/4	787.73	3/4	445.15	3/4	145.09	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,808.53	11	1,465.79	11	1,123.05	11	780.60	11	438.05	11	139.47	11	11	11	11	11	11	11	11
1/4	1,801.39	1/4	1,458.65	1/4	1,115.91	1/4	773.46	1/4	431.03	1/4	133.46	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,794.25	1/2	1,451.51	1/2	1,108.77	1/2	766.32	1/2	424.02	1/2	127.44	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,787.11	3/4	1,444.37	3/4	1,101.63	3/4	759.18	3/4	417.00	3/4	121.43	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/10/2021 CL
CALCULATED: 11/10/2021 CL
NAME CHANGE: 03/27/2023 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023



BARGE "CTC 29116"

2 PORT ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3026"

GAUGE HEIGHT 16'-05 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	4,933.14	0	4,591.94	0	4,250.10	0	3,906.93	0	3,563.75	0	3,220.58	0	2,877.35	0	2,534.07
1/4		1/4		1/4	4,926.08	1/4	4,584.82	1/4	4,242.95	1/4	3,899.78	1/4	3,556.60	1/4	3,213.43	1/4	2,870.20	1/4	2,526.92
1/2		1/2		1/2	4,919.00	1/2	4,577.70	1/2	4,235.80	1/2	3,892.63	1/2	3,549.45	1/2	3,206.28	1/2	2,863.05	1/2	2,519.76
3/4		3/4		3/4	4,911.93	3/4	4,570.59	3/4	4,228.65	3/4	3,885.48	3/4	3,542.30	3/4	3,199.13	3/4	2,855.89	3/4	2,512.61
1		1		1	4,904.86	1	4,563.47	1	4,221.51	1	3,878.33	1	3,535.15	1	3,191.98	1	2,848.74	1	2,505.46
1/4		1/4		1/4	4,897.78	1/4	4,556.35	1/4	4,214.36	1/4	3,871.18	1/4	3,528.00	1/4	3,184.83	1/4	2,841.59	1/4	2,498.31
1/2		1/2		1/2	4,890.71	1/2	4,549.24	1/2	4,207.21	1/2	3,864.03	1/2	3,520.85	1/2	3,177.68	1/2	2,834.44	1/2	2,491.16
3/4		3/4		3/4	4,883.64	3/4	4,542.12	3/4	4,200.06	3/4	3,856.88	3/4	3,513.70	3/4	3,170.53	3/4	2,827.29	3/4	2,484.01
2		2		2	4,876.57	2	4,535.00	2	4,192.91	2	3,849.73	2	3,506.56	2	3,163.38	2	2,820.13	2	2,476.85
1/4		1/4		1/4	4,869.49	1/4	4,527.89	1/4	4,185.76	1/4	3,842.58	1/4	3,499.41	1/4	3,156.23	1/4	2,812.98	1/4	2,469.70
1/2		1/2		1/2	4,862.38	1/2	4,520.77	1/2	4,178.61	1/2	3,835.43	1/2	3,492.26	1/2	3,149.08	1/2	2,805.83	1/2	2,462.55
3/4		3/4		3/4	4,855.26	3/4	4,513.65	3/4	4,171.46	3/4	3,828.28	3/4	3,485.11	3/4	3,141.93	3/4	2,798.68	3/4	2,455.40
3		3		3	4,848.14	3	4,506.54	3	4,164.31	3	3,821.13	3	3,477.96	3	3,134.78	3	2,791.53	3	2,448.25
1/4		1/4		1/4	4,841.03	1/4	4,499.42	1/4	4,157.16	1/4	3,813.98	1/4	3,470.81	1/4	3,127.63	1/4	2,784.38	1/4	2,441.09
1/2		1/2		1/2	4,833.91	1/2	4,492.30	1/2	4,150.01	1/2	3,806.83	1/2	3,463.66	1/2	3,120.48	1/2	2,777.22	1/2	2,433.94
3/4		3/4		3/4	4,826.79	3/4	4,485.19	3/4	4,142.86	3/4	3,799.68	3/4	3,456.51	3/4	3,113.33	3/4	2,770.07	3/4	2,426.79
4		4		4	4,819.68	4	4,478.07	4	4,135.71	4	3,792.54	4	3,449.36	4	3,106.18	4	2,762.92	4	2,419.64
1/4		1/4		1/4	4,812.56	1/4	4,470.95	1/4	4,128.56	1/4	3,785.39	1/4	3,442.21	1/4	3,099.03	1/4	2,755.77	1/4	2,412.49
1/2		1/2		1/2	4,805.44	1/2	4,463.84	1/2	4,121.41	1/2	3,778.24	1/2	3,435.06	1/2	3,091.88	1/2	2,748.62	1/2	2,405.34
3/4		3/4		3/4	4,798.33	3/4	4,456.72	3/4	4,114.26	3/4	3,771.09	3/4	3,427.91	3/4	3,084.73	3/4	2,741.47	3/4	2,398.18
5		5		5	4,791.21	5	4,449.60	5	4,107.11	5	3,763.94	5	3,420.76	5	3,077.59	5	2,734.31	5	2,391.03
1/4		1/4		1/4	4,784.09	1/4	4,442.49	1/4	4,099.96	1/4	3,756.79	1/4	3,413.61	1/4	3,070.44	1/4	2,727.16	1/4	2,383.88
1/2		1/2		1/2	4,776.98	1/2	4,435.37	1/2	4,092.81	1/2	3,749.64	1/2	3,406.46	1/2	3,063.29	1/2	2,720.01	1/2	2,376.73
3/4		3/4		3/4	4,769.86	3/4	4,428.25	3/4	4,085.66	3/4	3,742.49	3/4	3,399.31	3/4	3,056.14	3/4	2,712.86	3/4	2,369.58
6		6		6	4,762.74	6	4,421.14	6	4,078.52	6	3,735.34	6	3,392.16	6	3,048.99	6	2,705.71	6	2,362.43
1/4		1/4		1/4	5,070.43	1/4	4,755.62	1/4	4,414.02	1/4	4,071.37	1/4	3,728.19	1/4	3,385.01	1/4	3,041.84	1/4	2,698.56
1/2		1/2		1/2	5,066.64	1/2	4,748.51	1/2	4,406.90	1/2	4,064.22	1/2	3,721.04	1/2	3,377.86	1/2	3,034.69	1/2	2,691.40
3/4		3/4		3/4	5,062.84	3/4	4,741.39	3/4	4,399.78	3/4	4,057.07	3/4	3,713.89	3/4	3,370.71	3/4	3,027.53	3/4	2,684.25
7		7		7	5,059.05	7	4,734.27	7	4,392.67	7	4,049.92	7	3,706.74	7	3,363.57	7	3,020.38	7	2,677.10
1/4		1/4		1/4	5,055.25	1/4	4,727.16	1/4	4,385.55	1/4	4,042.77	1/4	3,699.59	1/4	3,356.42	1/4	3,013.23	1/4	2,669.95
1/2		1/2		1/2	5,050.27	1/2	4,720.04	1/2	4,378.43	1/2	4,035.62	1/2	3,692.44	1/2	3,349.27	1/2	3,006.08	1/2	2,662.80
3/4		3/4		3/4	5,045.28	3/4	4,712.92	3/4	4,371.32	3/4	4,028.47	3/4	3,685.29	3/4	3,342.12	3/4	2,998.93	3/4	2,655.65
8		8		8	5,040.29	8	4,705.81	8	4,364.20	8	4,021.32	8	3,678.14	8	3,334.97	8	2,991.78	8	2,648.49
1/4		1/4		1/4	5,035.31	1/4	4,698.69	1/4	4,357.08	1/4	4,014.17	1/4	3,670.99	1/4	3,327.82	1/4	2,984.62	1/4	2,641.34
1/2		1/2		1/2	5,029.13	1/2	4,691.57	1/2	4,349.97	1/2	4,007.02	1/2	3,663.84	1/2	3,320.67	1/2	2,977.47	1/2	2,634.19
3/4		3/4		3/4	5,022.95	3/4	4,684.46	3/4	4,342.85	3/4	3,999.87	3/4	3,656.69	3/4	3,313.52	3/4	2,970.32	3/4	2,627.04
9		9		9	5,016.77	9	4,677.34	9	4,335.73	9	3,992.72	9	3,649.55	9	3,306.37	9	2,963.17	9	2,619.89
1/4		1/4		1/4	5,010.60	1/4	4,670.22	1/4	4,328.62	1/4	3,985.57	1/4	3,642.40	1/4	3,299.22	1/4	2,956.02	1/4	2,612.74
1/2		1/2		1/2	5,003.59	1/2	4,663.11	1/2	4,321.50	1/2	3,978.42	1/2	3,635.25	1/2	3,292.07	1/2	2,948.87	1/2	2,605.58
3/4		3/4		3/4	4,996.59	3/4	4,655.99	3/4	4,314.38	3/4	3,971.27	3/4	3,628.10	3/4	3,284.92	3/4	2,941.71	3/4	2,598.43
10		10		10	4,989.59	10	4,648.87	10	4,307.27	10	3,964.12	10	3,620.95	10	3,277.77	10	2,934.56	10	2,591.28
1/4		1/4		1/4	4,982.58	1/4	4,641.76	1/4	4,300.15	1/4	3,956.97	1/4	3,613.80	1/4	3,270.62	1/4	2,927.41	1/4	2,584.13
1/2		1/2		1/2	4,975.52	1/2	4,634.64	1/2	4,293.00	1/2	3,949.82	1/2	3,606.65	1/2	3,263.47	1/2	2,920.26	1/2	2,576.98
3/4		3/4		3/4	4,968.47	3/4	4,627.52	3/4	4,285.85	3/4	3,942.67	3/4	3,599.50	3/4	3,256.32	3/4	2,913.11	3/4	2,569.83
11		11		11	4,961.41	11	4,620.41	11	4,278.70	11	3,935.53	11	3,592.35	11	3,249.17	11	2,905.96	11	2,562.67
1/4		1/4		1/4	4,954.35	1/4	4,613.29	1/4	4,271.55	1/4	3,928.38	1/4	3,585.20	1/4	3,242.02	1/4	2,898.80	1/4	2,555.52
1/2		1/2		1/2	4,947.28	1/2	4,606.17	1/2	4,264.40	1/2	3,921.23	1/2	3,578.05	1/2	3,234.87	1/2	2,891.65	1/2	2,548.37
3/4		3/4		3/4	4,940.21	3/4	4,599.06	3/4	4,257.25	3/4	3,914.08	3/4	3,570.90	3/4	3,227.72	3/4	2,884.50	3/4	2,541.22

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

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 29116"

2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3026"

GAUGE HEIGHT 16'-05 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,190.79	0	1,847.50	0	1,504.22	0	1,160.94	0	830.73	0	488.89	0	150.35	0		0		0	
1/4	2,183.63	1/4	1,840.35	1/4	1,497.07	1/4	1,153.79	1/4	823.88	1/4	481.74	1/4	143.20	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,176.48	1/2	1,833.20	1/2	1,489.92	1/2	1,146.64	1/2	817.01	1/2	474.59	1/2	136.05	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,169.33	3/4	1,826.05	3/4	1,482.77	3/4	1,139.49	3/4	810.14	3/4	467.44	3/4	128.90	3/4	3/4	3/4	3/4	3/4	3/4
1	2,162.18	1	1,818.90	1	1,475.62	1	1,132.33	1	803.27	1	460.29	1	121.75	1	1	1	1	1	1
1/4	2,155.03	1/4	1,811.75	1/4	1,468.46	1/4	1,125.18	1/4	796.40	1/4	453.14	1/4	114.60	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,147.88	1/2	1,804.59	1/2	1,461.31	1/2	1,118.31	1/2	789.25	1/2	445.99	1/2	107.45	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,140.72	3/4	1,797.44	3/4	1,454.16	3/4	1,111.44	3/4	782.10	3/4	438.84	3/4	100.31	3/4	3/4	3/4	3/4	3/4	3/4
2	2,133.57	2	1,790.29	2	1,447.01	2	1,104.57	2	774.95	2	431.68	2	93.17	2	2	2	2	2	2
1/4	2,126.42	1/4	1,783.14	1/4	1,439.86	1/4	1,097.71	1/4	767.80	1/4	424.53	1/4	86.03	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,119.27	1/2	1,775.99	1/2	1,432.71	1/2	1,090.85	1/2	760.64	1/2	417.38	1/2	78.92	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,112.12	3/4	1,768.84	3/4	1,425.55	3/4	1,084.00	3/4	753.49	3/4	410.23	3/4	71.80	3/4	3/4	3/4	3/4	3/4	3/4
3	2,104.96	3	1,761.68	3	1,418.40	3	1,077.15	3	746.34	3	403.08	3	64.69	3	3	3	3	3	3
1/4	2,097.81	1/4	1,754.53	1/4	1,411.25	1/4	1,070.30	1/4	739.19	1/4	395.93	1/4	57.57	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,090.66	1/2	1,747.38	1/2	1,404.10	1/2	1,063.45	1/2	732.04	1/2	388.78	1/2	51.32	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,083.51	3/4	1,740.23	3/4	1,396.95	3/4	1,056.61	3/4	724.89	3/4	381.63	3/4	45.06	3/4	3/4	3/4	3/4	3/4	3/4
4	2,076.36	4	1,733.08	4	1,389.79	4	1,049.76	4	717.74	4	374.47	4	38.80	4	4	4	4	4	4
1/4	2,069.21	1/4	1,725.92	1/4	1,382.64	1/4	1,042.92	1/4	710.59	1/4	367.32	1/4	32.55	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,062.05	1/2	1,718.77	1/2	1,375.49	1/2	1,036.08	1/2	703.43	1/2	360.17	1/2	28.08	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,054.90	3/4	1,711.62	3/4	1,368.34	3/4	1,029.23	3/4	696.28	3/4	353.02	3/4	23.61	3/4	3/4	3/4	3/4	3/4	3/4
5	2,047.75	5	1,704.47	5	1,361.19	5	1,022.39	5	689.13	5	345.87	5	19.14	5	5	5	5	5	5
1/4	2,040.60	1/4	1,697.32	1/4	1,354.04	1/4	1,015.54	1/4	681.98	1/4	338.72	1/4	14.67	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,033.45	1/2	1,690.17	1/2	1,346.88	1/2	1,008.70	1/2	674.83	1/2	331.57	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,026.30	3/4	1,683.01	3/4	1,339.73	3/4	1,001.86	3/4	667.68	3/4	324.42	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	2,019.14	6	1,675.86	6	1,332.58	6	995.01	6	660.53	6	317.26	6	6	6	6	6	6	6	6
1/4	2,011.99	1/4	1,668.71	1/4	1,325.43	1/4	988.17	1/4	653.37	1/4	310.11	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,004.84	1/2	1,661.56	1/2	1,318.28	1/2	981.32	1/2	646.22	1/2	303.26	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,997.69	3/4	1,654.41	3/4	1,311.13	3/4	974.48	3/4	639.07	3/4	296.40	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	1,990.54	7	1,647.26	7	1,303.97	7	967.64	7	631.92	7	289.54	7	7	7	7	7	7	7	7
1/4	1,983.39	1/4	1,640.10	1/4	1,296.82	1/4	960.79	1/4	624.77	1/4	282.69	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,976.23	1/2	1,632.95	1/2	1,289.67	1/2	953.95	1/2	617.62	1/2	275.83	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,969.08	3/4	1,625.80	3/4	1,282.52	3/4	947.10	3/4	610.47	3/4	268.97	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	1,961.93	8	1,618.65	8	1,275.37	8	940.26	8	603.32	8	262.12	8	8	8	8	8	8	8	8
1/4	1,954.78	1/4	1,611.50	1/4	1,268.22	1/4	933.42	1/4	596.16	1/4	255.26	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,947.63	1/2	1,604.35	1/2	1,261.06	1/2	926.57	1/2	589.01	1/2	248.40	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,940.48	3/4	1,597.19	3/4	1,253.91	3/4	919.73	3/4	581.86	3/4	241.55	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	1,933.32	9	1,590.04	9	1,246.76	9	912.88	9	574.71	9	234.69	9	9	9	9	9	9	9	9
1/4	1,926.17	1/4	1,582.89	1/4	1,239.61	1/4	906.04	1/4	567.56	1/4	227.83	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,919.02	1/2	1,575.74	1/2	1,232.46	1/2	899.20	1/2	560.41	1/2	220.98	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,911.87	3/4	1,568.59	3/4	1,225.31	3/4	892.35	3/4	553.26	3/4	214.12	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	1,904.72	10	1,561.44	10	1,218.15	10	885.51	10	546.11	10	207.26	10	10	10	10	10	10	10	10
1/4	1,897.57	1/4	1,554.28	1/4	1,211.00	1/4	878.67	1/4	538.95	1/4	200.41	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,890.41	1/2	1,547.13	1/2	1,203.85	1/2	871.82	1/2	531.80	1/2	193.26	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,883.26	3/4	1,539.98	3/4	1,196.70	3/4	864.98	3/4	524.65	3/4	186.10	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,876.11	11	1,532.83	11	1,189.55	11	858.13	11	517.50	11	178.95	11	11	11	11	11	11	11	11
1/4	1,868.96	1/4	1,525.68	1/4	1,182.40	1/4	851.29	1/4	510.35	1/4	171.80	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,861.81	1/2	1,518.53	1/2	1,175.24	1/2	844.44	1/2	503.20	1/2	164.65	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,854.66	3/4	1,511.37	3/4	1,168.09	3/4	837.59	3/4	496.05	3/4	157.50	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/10/2021 CL
CALCULATED: 11/10/2021 CL
NAME CHANGE: 03/27/2023 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023



0.00

BARGE "CTC 29116"

2 STBD ULLAGE TABLE

HERMETIC GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3026"

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	4,922.19	0	4,581.09	0	4,239.37	0	3,896.34	0	3,553.34	0	3,210.40	0	2,867.42	0	2,524.40
1/4		1/4		1/4	4,915.12	1/4	4,573.98	1/4	4,232.23	1/4	3,889.19	1/4	3,546.20	1/4	3,203.26	1/4	2,860.28	1/4	2,517.25
1/2		1/2		1/2	4,908.05	1/2	4,566.86	1/2	4,225.08	1/2	3,882.05	1/2	3,539.05	1/2	3,196.12	1/2	2,853.13	1/2	2,510.10
3/4		3/4		3/4	4,900.98	3/4	4,559.75	3/4	4,217.93	3/4	3,874.90	3/4	3,531.91	3/4	3,188.97	3/4	2,845.98	3/4	2,502.96
1		1		1	4,893.91	1	4,552.64	1	4,210.79	1	3,867.75	1	3,524.76	1	3,181.83	1	2,838.84	1	2,495.81
1/4		1/4		1/4	4,886.85	1/4	4,545.52	1/4	4,203.64	1/4	3,860.61	1/4	3,517.62	1/4	3,174.68	1/4	2,831.69	1/4	2,488.66
1/2		1/2		1/2	4,879.78	1/2	4,538.41	1/2	4,196.49	1/2	3,853.46	1/2	3,510.47	1/2	3,167.54	1/2	2,824.54	1/2	2,481.52
3/4		3/4		3/4	4,872.71	3/4	4,531.30	3/4	4,189.35	3/4	3,846.31	3/4	3,503.33	3/4	3,160.39	3/4	2,817.40	3/4	2,474.37
2		2		2	4,865.64	2	4,524.18	2	4,182.20	2	3,839.17	2	3,496.18	2	3,153.25	2	2,810.25	2	2,467.22
1/4		1/4		1/4	4,858.53	1/4	4,517.07	1/4	4,175.05	1/4	3,832.02	1/4	3,489.04	1/4	3,146.10	1/4	2,803.10	1/4	2,460.08
1/2		1/2		1/2	4,851.41	1/2	4,509.96	1/2	4,167.91	1/2	3,824.88	1/2	3,481.90	1/2	3,138.96	1/2	2,795.96	1/2	2,452.93
3/4		3/4		3/4	4,844.30	3/4	4,502.84	3/4	4,160.76	3/4	3,817.73	3/4	3,474.75	3/4	3,131.81	3/4	2,788.81	3/4	2,445.78
3		3		3	4,837.19	3	4,495.73	3	4,153.61	3	3,810.58	3	3,467.61	3	3,124.67	3	2,781.67	3	2,438.64
1/4		1/4		1/4	4,830.07	1/4	4,488.61	1/4	4,146.47	1/4	3,803.44	1/4	3,460.46	1/4	3,117.53	1/4	2,774.52	1/4	2,431.49
1/2		1/2		1/2	4,822.96	1/2	4,481.50	1/2	4,139.32	1/2	3,796.29	1/2	3,453.32	1/2	3,110.38	1/2	2,767.37	1/2	2,424.35
3/4		3/4		3/4	4,815.84	3/4	4,474.39	3/4	4,132.17	3/4	3,789.14	3/4	3,446.17	3/4	3,103.24	3/4	2,760.23	3/4	2,417.20
4		4		4	4,808.73	4	4,467.27	4	4,125.03	4	3,782.00	4	3,439.03	4	3,096.09	4	2,753.08	4	2,410.05
1/4		1/4		1/4	4,801.62	1/4	4,460.16	1/4	4,117.88	1/4	3,774.85	1/4	3,431.88	1/4	3,088.95	1/4	2,745.93	1/4	2,402.91
1/2		1/2		1/2	4,794.50	1/2	4,453.05	1/2	4,110.74	1/2	3,767.70	1/2	3,424.74	1/2	3,081.80	1/2	2,738.79	1/2	2,395.76
3/4		3/4		3/4	4,787.39	3/4	4,445.93	3/4	4,103.59	3/4	3,760.56	3/4	3,417.59	3/4	3,074.66	3/4	2,731.64	3/4	2,388.61
5		5		5	4,780.28	5	4,438.82	5	4,096.44	5	3,753.41	5	3,410.45	5	3,067.51	5	2,724.49	5	2,381.47
1/4		1/4		1/4	4,773.16	1/4	4,431.70	1/4	4,089.30	1/4	3,746.26	1/4	3,403.31	1/4	3,060.37	1/4	2,717.35	1/4	2,374.32
1/2		1/2		1/2	4,766.05	1/2	4,424.59	1/2	4,082.15	1/2	3,739.12	1/2	3,396.16	1/2	3,053.23	1/2	2,710.20	1/2	2,367.17
3/4		3/4		3/4	4,758.93	3/4	4,417.48	3/4	4,075.00	3/4	3,731.97	3/4	3,389.02	3/4	3,046.08	3/4	2,703.06	3/4	2,360.03
6		6	5,066.49	6	4,751.82	6	4,410.36	6	4,067.86	6	3,724.82	6	3,381.87	6	3,038.94	6	2,695.91	6	2,352.88
1/4		1/4	5,062.70	1/4	4,744.71	1/4	4,403.25	1/4	4,060.71	1/4	3,717.68	1/4	3,374.73	1/4	3,031.79	1/4	2,688.76	1/4	2,345.74
1/2		1/2	5,058.90	1/2	4,737.59	1/2	4,396.14	1/2	4,053.56	1/2	3,710.53	1/2	3,367.58	1/2	3,024.64	1/2	2,681.62	1/2	2,338.59
3/4		3/4	5,055.11	3/4	4,730.48	3/4	4,389.02	3/4	4,046.42	3/4	3,703.38	3/4	3,360.44	3/4	3,017.50	3/4	2,674.47	3/4	2,331.44
7		7	5,051.32	7	4,723.37	7	4,381.91	7	4,039.27	7	3,696.24	7	3,353.29	7	3,010.35	7	2,667.32	7	2,324.30
1/4		1/4	5,046.33	1/4	4,716.25	1/4	4,374.79	1/4	4,032.12	1/4	3,689.09	1/4	3,346.15	1/4	3,003.20	1/4	2,660.18	1/4	2,317.15
1/2		1/2	5,041.35	1/2	4,709.14	1/2	4,367.68	1/2	4,024.98	1/2	3,681.95	1/2	3,339.01	1/2	2,996.06	1/2	2,653.03	1/2	2,310.00
3/4		3/4	5,036.36	3/4	4,702.02	3/4	4,360.57	3/4	4,017.83	3/4	3,674.80	3/4	3,331.86	3/4	2,988.91	3/4	2,645.88	3/4	2,302.86
8		8	5,031.38	8	4,694.91	8	4,353.45	8	4,010.68	8	3,667.65	8	3,324.72	8	2,981.76	8	2,638.74	8	2,295.71
1/4		1/4	5,025.20	1/4	4,687.80	1/4	4,346.34	1/4	4,003.54	1/4	3,660.51	1/4	3,317.57	1/4	2,974.62	1/4	2,631.59	1/4	2,288.56
1/2		1/2	5,019.03	1/2	4,680.68	1/2	4,339.23	1/2	3,996.39	1/2	3,653.36	1/2	3,310.43	1/2	2,967.47	1/2	2,624.44	1/2	2,281.42
3/4		3/4	5,012.85	3/4	4,673.57	3/4	4,332.11	3/4	3,989.24	3/4	3,646.22	3/4	3,303.28	3/4	2,960.33	3/4	2,617.30	3/4	2,274.27
9		9	5,006.68	9	4,666.46	9	4,325.00	9	3,982.10	9	3,639.07	9	3,296.14	9	2,953.18	9	2,610.15	9	2,267.12
1/4		1/4	4,999.68	1/4	4,659.34	1/4	4,317.89	1/4	3,974.95	1/4	3,631.93	1/4	3,288.99	1/4	2,946.03	1/4	2,603.01	1/4	2,259.98
1/2		1/2	4,992.68	1/2	4,652.23	1/2	4,310.77	1/2	3,967.81	1/2	3,624.79	1/2	3,281.85	1/2	2,938.89	1/2	2,595.86	1/2	2,252.83
3/4		3/4	4,985.68	3/4	4,645.12	3/4	4,303.66	3/4	3,960.66	3/4	3,617.64	3/4	3,274.70	3/4	2,931.74	3/4	2,588.71	3/4	2,245.69
10		10	4,978.68	10	4,638.00	10	4,296.54	10	3,953.51	10	3,610.50	10	3,267.56	10	2,924.59	10	2,581.57	10	2,238.54
1/4		1/4	4,971.62	1/4	4,630.89	1/4	4,289.40	1/4	3,946.37	1/4	3,603.35	1/4	3,260.42	1/4	2,917.45	1/4	2,574.42	1/4	2,231.39
1/2		1/2	4,964.57	1/2	4,623.77	1/2	4,282.25	1/2	3,939.22	1/2	3,596.21	1/2	3,253.27	1/2	2,910.30	1/2	2,567.27	1/2	2,224.25
3/4		3/4	4,957.51	3/4	4,616.66	3/4	4,275.10	3/4	3,932.07	3/4	3,589.06	3/4	3,246.13	3/4	2,903.15	3/4	2,560.13	3/4	2,217.10
11		11	4,950.46	11	4,609.55	11	4,267.96	11	3,924.93	11	3,581.92	11	3,238.98	11	2,896.01	11	2,552.98	11	2,209.95
1/4		1/4	4,943.39	1/4	4,602.43	1/4	4,260.81	1/4	3,917.78	1/4	3,574.77	1/4	3,231.84	1/4	2,888.86	1/4	2,545.83	1/4	2,202.81
1/2		1/2	4,936.32	1/2	4,595.32	1/2	4,253.67	1/2	3,910.63	1/2	3,567.63	1/2	3,224.69	1/2	2,881.72	1/2	2,538.69	1/2	2,195.66
3/4		3/4	4,929.26	3/4	4,588.21	3/4	4,246.52	3/4	3,903.49	3/4	3,560.48	3/4	3,217.55	3/4	2,874.57	3/4	2,531.54	3/4	2,188.51

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

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 29116"

2 STBD
ULLAGE TABLE
HERMETIC
GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3026"

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	2,181.37	0	1,838.34	0	1,495.31	0	1,152.29	0	809.75	0	466.74	0	143.09	0		0		0	
1/4	2,174.22	1/4	1,831.19	1/4	1,488.17	1/4	1,145.14	1/4	802.60	1/4	459.59	1/4	135.94	1/4	1/4		1/4		1/4
1/2	2,167.08	1/2	1,824.05	1/2	1,481.02	1/2	1,137.99	1/2	795.46	1/2	452.44	1/2	128.80	1/2	1/2		1/2		1/2
3/4	2,159.93	3/4	1,816.90	3/4	1,473.87	3/4	1,130.85	3/4	788.31	3/4	445.30	3/4	121.65	3/4	3/4		3/4		3/4
1	2,152.78	1	1,809.76	1	1,466.73	1	1,123.70	1	781.16	1	438.15	1	114.51	1	1		1		1
1/4	2,145.64	1/4	1,802.61	1/4	1,459.58	1/4	1,116.55	1/4	774.02	1/4	431.01	1/4	107.37	1/4	1/4		1/4		1/4
1/2	2,138.49	1/2	1,795.46	1/2	1,452.44	1/2	1,109.41	1/2	766.87	1/2	423.86	1/2	100.24	1/2	1/2		1/2		1/2
3/4	2,131.34	3/4	1,788.32	3/4	1,445.29	3/4	1,102.26	3/4	759.73	3/4	416.71	3/4	93.10	3/4	3/4		3/4		3/4
2	2,124.20	2	1,781.17	2	1,438.14	2	1,095.12	2	752.58	2	409.57	2	85.96	2	2		2		2
1/4	2,117.05	1/4	1,774.02	1/4	1,431.00	1/4	1,087.97	1/4	745.43	1/4	402.42	1/4	78.85	1/4	1/4		1/4		1/4
1/2	2,109.90	1/2	1,766.88	1/2	1,423.85	1/2	1,080.83	1/2	738.29	1/2	395.28	1/2	71.74	1/2	1/2		1/2		1/2
3/4	2,102.76	3/4	1,759.73	3/4	1,416.70	3/4	1,073.69	3/4	731.14	3/4	388.13	3/4	64.63	3/4	3/4		3/4		3/4
3	2,095.61	3	1,752.58	3	1,409.56	3	1,066.55	3	724.00	3	380.98	3	57.52	3	3		3		3
1/4	2,088.46	1/4	1,745.44	1/4	1,402.41	1/4	1,059.42	1/4	716.85	1/4	373.84	1/4	51.27	1/4	1/4		1/4		1/4
1/2	2,081.32	1/2	1,738.29	1/2	1,395.26	1/2	1,052.29	1/2	709.70	1/2	366.69	1/2	45.02	1/2	1/2		1/2		1/2
3/4	2,074.17	3/4	1,731.14	3/4	1,388.12	3/4	1,045.16	3/4	702.56	3/4	359.54	3/4	38.77	3/4	3/4		3/4		3/4
4	2,067.03	4	1,724.00	4	1,380.97	4	1,038.02	4	695.41	4	352.40	4	32.52	4	4		4		4
1/4	2,059.88	1/4	1,716.85	1/4	1,373.82	1/4	1,030.89	1/4	688.27	1/4	345.25	1/4	28.05	1/4	1/4		1/4		1/4
1/2	2,052.73	1/2	1,709.71	1/2	1,366.68	1/2	1,023.76	1/2	681.12	1/2	338.11	1/2	23.59	1/2	1/2		1/2		1/2
3/4	2,045.59	3/4	1,702.56	3/4	1,359.53	3/4	1,016.63	3/4	673.97	3/4	330.96	3/4	19.12	3/4	3/4		3/4		3/4
5	2,038.44	5	1,695.41	5	1,352.39	5	1,009.49	5	666.83	5	323.81	5	14.66	5	5		5		5
1/4	2,031.29	1/4	1,688.27	1/4	1,345.24	1/4	1,002.36	1/4	659.68	1/4	317.28	1/4		1/4	1/4		1/4		1/4
1/2	2,024.15	1/2	1,681.12	1/2	1,338.09	1/2	995.23	1/2	652.54	1/2	310.74	1/2		1/2	1/2		1/2		1/2
3/4	2,017.00	3/4	1,673.97	3/4	1,330.95	3/4	988.10	3/4	645.39	3/4	304.21	3/4		3/4	3/4		3/4		3/4
6	2,009.85	6	1,666.83	6	1,323.80	6	980.96	6	638.24	6	297.67	6		6	6		6		6
1/4	2,002.71	1/4	1,659.68	1/4	1,316.65	1/4	973.83	1/4	631.10	1/4	291.43	1/4		1/4	1/4		1/4		1/4
1/2	1,995.56	1/2	1,652.53	1/2	1,309.51	1/2	966.70	1/2	623.95	1/2	285.19	1/2		1/2	1/2		1/2		1/2
3/4	1,988.42	3/4	1,645.39	3/4	1,302.36	3/4	959.57	3/4	616.80	3/4	278.95	3/4		3/4	3/4		3/4		3/4
7	1,981.27	7	1,638.24	7	1,295.21	7	952.43	7	609.66	7	272.71	7		7	7		7		7
1/4	1,974.12	1/4	1,631.10	1/4	1,288.07	1/4	945.30	1/4	602.51	1/4	266.47	1/4		1/4	1/4		1/4		1/4
1/2	1,966.98	1/2	1,623.95	1/2	1,280.92	1/2	938.17	1/2	595.37	1/2	260.22	1/2		1/2	1/2		1/2		1/2
3/4	1,959.83	3/4	1,616.80	3/4	1,273.78	3/4	931.04	3/4	588.22	3/4	253.98	3/4		3/4	3/4		3/4		3/4
8	1,952.68	8	1,609.66	8	1,266.63	8	923.91	8	581.07	8	247.74	8		8	8		8		8
1/4	1,945.54	1/4	1,602.51	1/4	1,259.48	1/4	916.77	1/4	573.93	1/4	241.50	1/4		1/4	1/4		1/4		1/4
1/2	1,938.39	1/2	1,595.36	1/2	1,252.34	1/2	909.64	1/2	566.78	1/2	235.26	1/2		1/2	1/2		1/2		1/2
3/4	1,931.24	3/4	1,588.22	3/4	1,245.19	3/4	902.51	3/4	559.64	3/4	229.02	3/4		3/4	3/4		3/4		3/4
9	1,924.10	9	1,581.07	9	1,238.04	9	895.38	9	552.49	9	222.78	9		9	9		9		9
1/4	1,916.95	1/4	1,573.92	1/4	1,230.90	1/4	888.24	1/4	545.34	1/4	216.54	1/4		1/4	1/4		1/4		1/4
1/2	1,909.80	1/2	1,566.78	1/2	1,223.75	1/2	881.11	1/2	538.20	1/2	210.30	1/2		1/2	1/2		1/2		1/2
3/4	1,902.66	3/4	1,559.63	3/4	1,216.60	3/4	873.98	3/4	531.05	3/4	204.06	3/4		3/4	3/4		3/4		3/4
10	1,895.51	10	1,552.48	10	1,209.46	10	866.85	10	523.91	10	197.81	10		10	10		10		10
1/4	1,888.37	1/4	1,545.34	1/4	1,202.31	1/4	859.72	1/4	516.76	1/4	191.28	1/4		1/4	1/4		1/4		1/4
1/2	1,881.22	1/2	1,538.19	1/2	1,195.16	1/2	852.58	1/2	509.61	1/2	184.74	1/2		1/2	1/2		1/2		1/2
3/4	1,874.07	3/4	1,531.05	3/4	1,188.02	3/4	845.45	3/4	502.47	3/4	178.21	3/4		3/4	3/4		3/4		3/4
11	1,866.93	11	1,523.90	11	1,180.87	11	838.32	11	495.32	11	171.67	11		11	11		11		11
1/4	1,859.78	1/4	1,516.75	1/4	1,173.73	1/4	831.18	1/4	488.17	1/4	164.53	1/4		1/4	1/4		1/4		1/4
1/2	1,852.63	1/2	1,509.61	1/2	1,166.58	1/2	824.03	1/2	481.03	1/2	157.38	1/2		1/2	1/2		1/2		1/2
3/4	1,845.49	3/4	1,502.46	3/4	1,159.43	3/4	816.89	3/4	473.88	3/4	150.23	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/10/2021 CL
CALCULATED: 11/10/2021 CL
NAME CHANGE: 03/27/2023 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023



BARGE "CTC 29116"

3 PORT ULLAGE TABLE

HERMETIC GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3026"

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	4,291.44	0	4,083.21	0	3,874.61	0	3,665.24	0	3,456.13	0	3,192.93	0	2,852.09	0	2,511.14
1/4		1/4		1/4	4,287.12	1/4	4,078.87	1/4	3,870.24	1/4	3,660.88	1/4	3,451.78	1/4	3,185.85	1/4	2,844.99	1/4	2,504.04
1/2		1/2		1/2	4,282.81	1/2	4,074.52	1/2	3,865.88	1/2	3,656.52	1/2	3,447.43	1/2	3,178.76	1/2	2,837.88	1/2	2,496.93
3/4		3/4		3/4	4,278.49	3/4	4,070.18	3/4	3,861.52	3/4	3,652.15	3/4	3,443.09	3/4	3,171.68	3/4	2,830.78	3/4	2,489.83
1		1		1	4,274.18	1	4,065.84	1	3,857.16	1	3,647.79	1	3,438.74	1	3,164.60	1	2,823.68	1	2,482.73
1/4		1/4		1/4	4,269.86	1/4	4,061.49	1/4	3,852.80	1/4	3,643.43	1/4	3,434.40	1/4	3,157.52	1/4	2,816.57	1/4	2,475.62
1/2		1/2		1/2	4,265.55	1/2	4,057.15	1/2	3,848.43	1/2	3,639.07	1/2	3,430.05	1/2	3,150.44	1/2	2,809.47	1/2	2,468.52
3/4		3/4		3/4	4,261.23	3/4	4,052.81	3/4	3,844.07	3/4	3,634.71	3/4	3,425.70	3/4	3,143.35	3/4	2,802.37	3/4	2,461.42
2		2		2	4,256.92	2	4,048.47	2	3,839.71	2	3,630.34	2	3,421.36	2	3,136.27	2	2,795.27	2	2,454.31
1/4		1/4		1/4	4,252.57	1/4	4,044.12	1/4	3,835.35	1/4	3,625.98	1/4	3,417.01	1/4	3,129.19	1/4	2,788.16	1/4	2,447.21
1/2		1/2		1/2	4,248.23	1/2	4,039.78	1/2	3,830.99	1/2	3,621.62	1/2	3,412.67	1/2	3,122.11	1/2	2,781.06	1/2	2,440.10
3/4		3/4		3/4	4,243.89	3/4	4,035.44	3/4	3,826.63	3/4	3,617.26	3/4	3,408.32	3/4	3,115.03	3/4	2,773.96	3/4	2,433.00
3		3		3	4,239.55	3	4,031.10	3	3,822.26	3	3,612.90	3	3,403.97	3	3,107.94	3	2,766.85	3	2,425.90
1/4		1/4		1/4	4,235.20	1/4	4,026.75	1/4	3,817.90	1/4	3,608.54	1/4	3,399.63	1/4	3,100.85	1/4	2,759.75	1/4	2,418.79
1/2		1/2		1/2	4,230.86	1/2	4,022.41	1/2	3,813.54	1/2	3,604.17	1/2	3,395.28	1/2	3,093.75	1/2	2,752.65	1/2	2,411.69
3/4		3/4		3/4	4,226.52	3/4	4,018.07	3/4	3,809.18	3/4	3,599.81	3/4	3,390.94	3/4	3,086.65	3/4	2,745.54	3/4	2,404.58
4		4		4	4,222.17	4	4,013.72	4	3,804.82	4	3,595.45	4	3,386.59	4	3,079.55	4	2,738.44	4	2,397.48
1/4		1/4		1/4	4,217.83	1/4	4,009.38	1/4	3,800.45	1/4	3,591.09	1/4	3,382.24	1/4	3,072.45	1/4	2,731.34	1/4	2,390.37
1/2		1/2		1/2	4,213.49	1/2	4,005.04	1/2	3,796.09	1/2	3,586.73	1/2	3,377.90	1/2	3,065.35	1/2	2,724.23	1/2	2,383.27
3/4		3/4		3/4	4,209.15	3/4	4,000.70	3/4	3,791.73	3/4	3,582.36	3/4	3,373.55	3/4	3,058.25	3/4	2,717.13	3/4	2,376.17
5		5		5	4,204.80	5	3,996.35	5	3,787.37	5	3,578.00	5	3,369.21	5	3,051.15	5	2,710.03	5	2,369.06
1/4		1/4		1/4	4,200.46	1/4	3,992.01	1/4	3,783.01	1/4	3,573.64	1/4	3,364.88	1/4	3,044.05	1/4	2,702.92	1/4	2,361.96
1/2		1/2		1/2	4,196.12	1/2	3,987.67	1/2	3,778.65	1/2	3,569.28	1/2	3,360.55	1/2	3,036.95	1/2	2,695.82	1/2	2,354.85
3/4		3/4		3/4	4,191.78	3/4	3,983.33	3/4	3,774.28	3/4	3,564.92	3/4	3,356.22	3/4	3,029.85	3/4	2,688.72	3/4	2,347.75
6		6	4,372.35	6	4,187.43	6	3,978.98	6	3,769.92	6	3,560.56	6	3,351.89	6	3,022.75	6	2,681.62	6	2,340.64
1/4		1/4	4,370.65	1/4	4,183.09	1/4	3,974.64	1/4	3,765.56	1/4	3,556.19	1/4	3,347.57	1/4	3,015.64	1/4	2,674.51	1/4	2,333.54
1/2		1/2	4,368.94	1/2	4,178.75	1/2	3,970.30	1/2	3,761.20	1/2	3,551.83	1/2	3,343.24	1/2	3,008.52	1/2	2,667.41	1/2	2,326.44
3/4		3/4	4,367.24	3/4	4,174.40	3/4	3,965.96	3/4	3,756.84	3/4	3,547.47	3/4	3,338.91	3/4	3,001.41	3/4	2,660.31	3/4	2,319.33
7		7	4,365.53	7	4,170.06	7	3,961.61	7	3,752.48	7	3,543.11	7	3,334.58	7	2,994.29	7	2,653.20	7	2,312.23
1/4		1/4	4,363.29	1/4	4,165.72	1/4	3,957.27	1/4	3,748.11	1/4	3,538.75	1/4	3,327.50	1/4	2,987.18	1/4	2,646.10	1/4	2,305.12
1/2		1/2	4,361.06	1/2	4,161.38	1/2	3,952.93	1/2	3,743.75	1/2	3,534.39	1/2	3,320.42	1/2	2,980.06	1/2	2,639.00	1/2	2,298.02
3/4		3/4	4,358.82	3/4	4,157.03	3/4	3,948.58	3/4	3,739.39	3/4	3,530.02	3/4	3,313.33	3/4	2,972.95	3/4	2,631.89	3/4	2,290.92
8		8	4,356.58	8	4,152.69	8	3,944.24	8	3,735.03	8	3,525.66	8	3,306.25	8	2,965.83	8	2,624.79	8	2,283.81
1/4		1/4	4,353.15	1/4	4,148.35	1/4	3,939.90	1/4	3,730.67	1/4	3,521.32	1/4	3,299.17	1/4	2,958.72	1/4	2,617.69	1/4	2,276.71
1/2		1/2	4,349.73	1/2	4,144.01	1/2	3,935.56	1/2	3,726.30	1/2	3,516.97	1/2	3,292.08	1/2	2,951.60	1/2	2,610.58	1/2	2,269.60
3/4		3/4	4,346.30	3/4	4,139.66	3/4	3,931.21	3/4	3,721.94	3/4	3,512.62	3/4	3,285.00	3/4	2,944.49	3/4	2,603.48	3/4	2,262.50
9		9	4,342.87	9	4,135.32	9	3,926.87	9	3,717.58	9	3,508.28	9	3,277.92	9	2,937.37	9	2,596.38	9	2,255.39
1/4		1/4	4,338.63	1/4	4,130.98	1/4	3,922.53	1/4	3,713.22	1/4	3,503.93	1/4	3,270.83	1/4	2,930.26	1/4	2,589.28	1/4	2,248.29
1/2		1/2	4,334.38	1/2	4,126.64	1/2	3,918.19	1/2	3,708.86	1/2	3,499.59	1/2	3,263.75	1/2	2,923.14	1/2	2,582.17	1/2	2,241.19
3/4		3/4	4,330.13	3/4	4,122.29	3/4	3,913.84	3/4	3,704.50	3/4	3,495.24	3/4	3,256.67	3/4	2,916.03	3/4	2,575.07	3/4	2,234.08
10		10	4,325.89	10	4,117.95	10	3,909.50	10	3,700.13	10	3,490.89	10	3,249.58	10	2,908.91	10	2,567.97	10	2,226.98
1/4		1/4	4,321.59	1/4	4,113.61	1/4	3,905.14	1/4	3,695.77	1/4	3,486.55	1/4	3,242.50	1/4	2,901.81	1/4	2,560.86	1/4	2,219.87
1/2		1/2	4,317.29	1/2	4,109.26	1/2	3,900.78	1/2	3,691.41	1/2	3,482.20	1/2	3,235.42	1/2	2,894.71	1/2	2,553.76	1/2	2,212.77
3/4		3/4	4,312.98	3/4	4,104.92	3/4	3,896.41	3/4	3,687.05	3/4	3,477.86	3/4	3,228.34	3/4	2,887.61	3/4	2,546.66	3/4	2,205.66
11		11	4,308.68	11	4,100.58	11	3,892.05	11	3,682.69	11	3,473.51	11	3,221.26	11	2,880.50	11	2,539.55	11	2,198.56
1/4		1/4	4,304.37	1/4	4,096.24	1/4	3,887.69	1/4	3,678.32	1/4	3,469.16	1/4	3,214.17	1/4	2,873.40	1/4	2,532.45	1/4	2,191.46
1/2		1/2	4,300.06	1/2	4,091.89	1/2	3,883.33	1/2	3,673.96	1/2	3,464.82	1/2	3,207.09	1/2	2,866.30	1/2	2,525.35	1/2	2,184.35
3/4		3/4	4,295.75	3/4	4,087.55	3/4	3,878.97	3/4	3,669.60	3/4	3,460.47	3/4	3,200.01	3/4	2,859.19	3/4	2,518.24	3/4	2,177.25

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

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 29116"

3 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3026"

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	2,170.14	0	1,829.14	0	1,488.14	0	1,147.14	0	819.36	0	479.22	0	142.50	0		0		0	
1/4	2,163.04	1/4	1,822.04	1/4	1,481.04	1/4	1,140.03	1/4	812.48	1/4	472.12	1/4	135.39	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,155.94	1/2	1,814.93	1/2	1,473.93	1/2	1,132.93	1/2	805.61	1/2	465.01	1/2	128.27	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,148.83	3/4	1,807.83	3/4	1,466.83	3/4	1,125.83	3/4	798.74	3/4	457.91	3/4	121.16	3/4	3/4	3/4	3/4	3/4	3/4
1	2,141.73	1	1,800.73	1	1,459.72	1	1,118.72	1	791.86	1	450.80	1	114.04	1	1	1	1	1	1
1/4	2,134.62	1/4	1,793.62	1/4	1,452.62	1/4	1,111.85	1/4	784.76	1/4	443.69	1/4	106.93	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,127.52	1/2	1,786.52	1/2	1,445.52	1/2	1,104.98	1/2	777.65	1/2	436.59	1/2	99.83	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,120.41	3/4	1,779.41	3/4	1,438.41	3/4	1,098.10	3/4	770.55	3/4	429.48	3/4	92.72	3/4	3/4	3/4	3/4	3/4	3/4
2	2,113.31	2	1,772.31	2	1,431.31	2	1,091.23	2	763.44	2	422.38	2	85.62	2	2	2	2	2	2
1/4	2,106.21	1/4	1,765.20	1/4	1,424.20	1/4	1,084.43	1/4	756.34	1/4	415.27	1/4	78.53	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,099.10	1/2	1,758.10	1/2	1,417.10	1/2	1,077.62	1/2	749.23	1/2	408.17	1/2	71.45	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,092.00	3/4	1,751.00	3/4	1,409.99	3/4	1,070.82	3/4	742.13	3/4	401.06	3/4	64.37	3/4	3/4	3/4	3/4	3/4	3/4
3	2,084.89	3	1,743.89	3	1,402.89	3	1,064.02	3	735.02	3	393.96	3	57.29	3	3	3	3	3	3
1/4	2,077.79	1/4	1,736.79	1/4	1,395.79	1/4	1,057.22	1/4	727.91	1/4	386.85	1/4	51.07	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,070.69	1/2	1,729.68	1/2	1,388.68	1/2	1,050.42	1/2	720.81	1/2	379.74	1/2	44.84	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,063.58	3/4	1,722.58	3/4	1,381.58	3/4	1,043.63	3/4	713.70	3/4	372.64	3/4	38.61	3/4	3/4	3/4	3/4	3/4	3/4
4	2,056.48	4	1,715.48	4	1,374.47	4	1,036.83	4	706.60	4	365.53	4	32.39	4	4	4	4	4	4
1/4	2,049.37	1/4	1,708.37	1/4	1,367.37	1/4	1,030.04	1/4	699.49	1/4	358.42	1/4	27.94	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,042.27	1/2	1,701.27	1/2	1,360.27	1/2	1,023.24	1/2	692.39	1/2	351.30	1/2	23.49	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,035.16	3/4	1,694.16	3/4	1,353.16	3/4	1,016.45	3/4	685.28	3/4	344.18	3/4	19.04	3/4	3/4	3/4	3/4	3/4	3/4
5	2,028.06	5	1,687.06	5	1,346.06	5	1,009.65	5	678.18	5	337.07	5	14.60	5	5	5	5	5	5
1/4	2,020.96	1/4	1,679.95	1/4	1,338.95	1/4	1,002.86	1/4	671.07	1/4	329.95	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,013.85	1/2	1,672.85	1/2	1,331.85	1/2	996.06	1/2	663.96	1/2	322.83	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,006.75	3/4	1,665.75	3/4	1,324.74	3/4	989.27	3/4	656.86	3/4	315.71	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	1,999.64	6	1,658.64	6	1,317.64	6	982.47	6	649.75	6	308.60	6	6	6	6	6	6	6	6
1/4	1,992.54	1/4	1,651.54	1/4	1,310.54	1/4	975.68	1/4	642.65	1/4	301.77	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,985.43	1/2	1,644.43	1/2	1,303.43	1/2	968.88	1/2	635.54	1/2	294.95	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,978.33	3/4	1,637.33	3/4	1,296.33	3/4	962.09	3/4	628.44	3/4	288.13	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	1,971.23	7	1,630.22	7	1,289.22	7	955.29	7	621.33	7	281.31	7	7	7	7	7	7	7	7
1/4	1,964.12	1/4	1,623.12	1/4	1,282.12	1/4	948.50	1/4	614.23	1/4	274.49	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,957.02	1/2	1,616.02	1/2	1,275.01	1/2	941.70	1/2	607.12	1/2	267.66	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,949.91	3/4	1,608.91	3/4	1,267.91	3/4	934.90	3/4	600.02	3/4	260.84	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	1,942.81	8	1,601.81	8	1,260.81	8	928.11	8	592.91	8	254.02	8	8	8	8	8	8	8	8
1/4	1,935.71	1/4	1,594.70	1/4	1,253.70	1/4	921.31	1/4	585.80	1/4	247.20	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,928.60	1/2	1,587.60	1/2	1,246.60	1/2	914.52	1/2	578.70	1/2	240.37	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,921.50	3/4	1,580.50	3/4	1,239.49	3/4	907.72	3/4	571.59	3/4	233.55	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	1,914.39	9	1,573.39	9	1,232.39	9	900.93	9	564.49	9	226.73	9	9	9	9	9	9	9	9
1/4	1,907.29	1/4	1,566.29	1/4	1,225.29	1/4	894.13	1/4	557.38	1/4	219.91	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,900.18	1/2	1,559.18	1/2	1,218.18	1/2	887.34	1/2	550.28	1/2	213.08	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,893.08	3/4	1,552.08	3/4	1,211.08	3/4	880.54	3/4	543.17	3/4	206.26	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	1,885.98	10	1,544.97	10	1,203.97	10	873.75	10	536.07	10	199.44	10	10	10	10	10	10	10	10
1/4	1,878.87	1/4	1,537.87	1/4	1,196.87	1/4	866.95	1/4	528.96	1/4	192.32	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,871.77	1/2	1,530.77	1/2	1,189.76	1/2	860.16	1/2	521.85	1/2	185.21	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,864.66	3/4	1,523.66	3/4	1,182.66	3/4	853.36	3/4	514.75	3/4	178.09	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,857.56	11	1,516.56	11	1,175.56	11	846.57	11	507.64	11	170.97	11	11	11	11	11	11	11	11
1/4	1,850.45	1/4	1,509.45	1/4	1,168.45	1/4	839.77	1/4	500.54	1/4	163.85	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,843.35	1/2	1,502.35	1/2	1,161.35	1/2	832.96	1/2	493.43	1/2	156.74	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,836.25	3/4	1,495.24	3/4	1,154.24	3/4	826.16	3/4	486.33	3/4	149.62	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/10/2021 CL
CALCULATED: 11/10/2021 CL
NAME CHANGE: 03/27/2023 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023



BARGE "CTC 29116"

3 STBD ULLAGE TABLE

HERMETIC GAUGE HEIGHT 16'-04 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3026"

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	4,291.27	0	4,082.61	0	3,873.60	0	3,663.86	0	3,454.12	0	3,184.84	0	2,843.90	0	2,502.51
1/4		1/4		1/4	4,286.94	1/4	4,078.26	1/4	3,869.23	1/4	3,659.49	1/4	3,449.75	1/4	3,177.75	1/4	2,836.79	1/4	2,495.38
1/2		1/2		1/2	4,282.62	1/2	4,073.91	1/2	3,864.86	1/2	3,655.12	1/2	3,445.38	1/2	3,170.66	1/2	2,829.68	1/2	2,488.25
3/4		3/4		3/4	4,278.30	3/4	4,069.56	3/4	3,860.49	3/4	3,650.75	3/4	3,441.01	3/4	3,163.57	3/4	2,822.58	3/4	2,481.13
1		1		1	4,273.98	1	4,065.21	1	3,856.12	1	3,646.38	1	3,436.65	1	3,156.48	1	2,815.47	1	2,474.00
1/4		1/4		1/4	4,269.65	1/4	4,060.86	1/4	3,851.75	1/4	3,642.01	1/4	3,432.28	1/4	3,149.39	1/4	2,808.36	1/4	2,466.88
1/2		1/2		1/2	4,265.33	1/2	4,056.51	1/2	3,847.38	1/2	3,637.64	1/2	3,427.91	1/2	3,142.31	1/2	2,801.26	1/2	2,459.76
3/4		3/4		3/4	4,260.98	3/4	4,052.16	3/4	3,843.01	3/4	3,633.27	3/4	3,423.54	3/4	3,135.22	3/4	2,794.15	3/4	2,452.63
2		2		2	4,256.63	2	4,047.81	2	3,838.64	2	3,628.90	2	3,419.17	2	3,128.13	2	2,787.04	2	2,445.51
1/4		1/4		1/4	4,252.28	1/4	4,043.45	1/4	3,834.27	1/4	3,624.53	1/4	3,414.80	1/4	3,121.04	1/4	2,779.94	1/4	2,438.38
1/2		1/2		1/2	4,247.93	1/2	4,039.10	1/2	3,829.90	1/2	3,620.16	1/2	3,410.43	1/2	3,113.95	1/2	2,772.83	1/2	2,431.26
3/4		3/4		3/4	4,243.58	3/4	4,034.75	3/4	3,825.53	3/4	3,615.79	3/4	3,406.06	3/4	3,106.84	3/4	2,765.73	3/4	2,424.13
3		3		3	4,239.23	3	4,030.40	3	3,821.16	3	3,611.43	3	3,401.69	3	3,099.74	3	2,758.62	3	2,417.01
1/4		1/4		1/4	4,234.88	1/4	4,026.05	1/4	3,816.79	1/4	3,607.06	1/4	3,397.32	1/4	3,092.63	1/4	2,751.51	1/4	2,409.88
1/2		1/2		1/2	4,230.53	1/2	4,021.70	1/2	3,812.42	1/2	3,602.69	1/2	3,392.95	1/2	3,085.52	1/2	2,744.41	1/2	2,402.76
3/4		3/4		3/4	4,226.18	3/4	4,017.35	3/4	3,808.05	3/4	3,598.32	3/4	3,388.58	3/4	3,078.42	3/4	2,737.30	3/4	2,395.63
4		4		4	4,221.83	4	4,013.00	4	3,803.68	4	3,593.95	4	3,384.21	4	3,071.31	4	2,730.19	4	2,388.51
1/4		1/4		1/4	4,217.47	1/4	4,008.65	1/4	3,799.31	1/4	3,589.58	1/4	3,379.84	1/4	3,064.20	1/4	2,723.09	1/4	2,381.38
1/2		1/2		1/2	4,213.12	1/2	4,004.30	1/2	3,794.94	1/2	3,585.21	1/2	3,375.47	1/2	3,057.10	1/2	2,715.98	1/2	2,374.26
3/4		3/4		3/4	4,208.77	3/4	3,999.95	3/4	3,790.57	3/4	3,580.84	3/4	3,371.14	3/4	3,049.99	3/4	2,708.87	3/4	2,367.13
5		5		5	4,204.42	5	3,995.60	5	3,786.21	5	3,576.47	5	3,366.81	5	3,042.88	5	2,701.77	5	2,360.01
1/4		1/4		1/4	4,200.07	1/4	3,991.25	1/4	3,781.84	1/4	3,572.10	1/4	3,362.47	1/4	3,035.78	1/4	2,694.66	1/4	2,352.88
1/2		1/2	4,380.98	1/2	4,195.72	1/2	3,986.90	1/2	3,777.47	1/2	3,567.73	1/2	3,358.14	1/2	3,028.67	1/2	2,687.55	1/2	2,345.76
3/4		3/4	4,379.27	3/4	4,191.37	3/4	3,982.55	3/4	3,773.10	3/4	3,563.36	3/4	3,353.80	3/4	3,021.56	3/4	2,680.45	3/4	2,338.64
6		6	4,377.57	6	4,187.02	6	3,978.20	6	3,768.73	6	3,558.99	6	3,349.47	6	3,014.46	6	2,673.34	6	2,331.51
1/4		1/4	4,375.86	1/4	4,182.67	1/4	3,973.85	1/4	3,764.36	1/4	3,554.62	1/4	3,345.14	1/4	3,007.35	1/4	2,666.23	1/4	2,324.39
1/2		1/2	4,374.15	1/2	4,178.32	1/2	3,969.50	1/2	3,759.99	1/2	3,550.25	1/2	3,340.80	1/2	3,000.24	1/2	2,659.13	1/2	2,317.26
3/4		3/4	4,371.91	3/4	4,173.97	3/4	3,965.15	3/4	3,755.62	3/4	3,545.88	3/4	3,333.71	3/4	2,993.14	3/4	2,652.02	3/4	2,310.14
7		7	4,369.66	7	4,169.62	7	3,960.80	7	3,751.25	7	3,541.51	7	3,326.62	7	2,986.03	7	2,644.91	7	2,303.01
1/4		1/4	4,367.42	1/4	4,165.27	1/4	3,956.44	1/4	3,746.88	1/4	3,537.14	1/4	3,319.54	1/4	2,978.92	1/4	2,637.81	1/4	2,295.89
1/2		1/2	4,365.17	1/2	4,160.92	1/2	3,952.09	1/2	3,742.51	1/2	3,532.77	1/2	3,312.45	1/2	2,971.82	1/2	2,630.70	1/2	2,288.76
3/4		3/4	4,361.74	3/4	4,156.57	3/4	3,947.74	3/4	3,738.14	3/4	3,528.40	3/4	3,305.36	3/4	2,964.71	3/4	2,623.59	3/4	2,281.64
8		8	4,358.31	8	4,152.22	8	3,943.39	8	3,733.77	8	3,524.04	8	3,298.27	8	2,957.60	8	2,616.49	8	2,274.51
1/4		1/4	4,354.87	1/4	4,147.87	1/4	3,939.04	1/4	3,729.40	1/4	3,519.67	1/4	3,291.18	1/4	2,950.50	1/4	2,609.38	1/4	2,267.39
1/2		1/2	4,351.44	1/2	4,143.52	1/2	3,934.69	1/2	3,725.03	1/2	3,515.30	1/2	3,284.09	1/2	2,943.39	1/2	2,602.27	1/2	2,260.26
3/4		3/4	4,347.19	3/4	4,139.17	3/4	3,930.34	3/4	3,720.66	3/4	3,510.93	3/4	3,277.00	3/4	2,936.28	3/4	2,595.15	3/4	2,253.14
9		9	4,342.93	9	4,134.82	9	3,925.99	9	3,716.29	9	3,506.56	9	3,269.91	9	2,929.18	9	2,588.02	9	2,246.01
1/4		1/4	4,338.68	1/4	4,130.46	1/4	3,921.64	1/4	3,711.92	1/4	3,502.19	1/4	3,262.82	1/4	2,922.07	1/4	2,580.89	1/4	2,238.89
1/2		1/2	4,334.43	1/2	4,126.11	1/2	3,917.29	1/2	3,707.55	1/2	3,497.82	1/2	3,255.73	1/2	2,914.96	1/2	2,573.77	1/2	2,231.76
3/4		3/4	4,330.12	3/4	4,121.76	3/4	3,912.92	3/4	3,703.18	3/4	3,493.45	3/4	3,248.64	3/4	2,907.86	3/4	2,566.64	3/4	2,224.64
10		10	4,325.81	10	4,117.41	10	3,908.55	10	3,698.82	10	3,489.08	10	3,241.55	10	2,900.75	10	2,559.52	10	2,217.52
1/4		1/4	4,321.50	1/4	4,113.06	1/4	3,904.18	1/4	3,694.45	1/4	3,484.71	1/4	3,234.46	1/4	2,893.64	1/4	2,552.39	1/4	2,210.39
1/2		1/2	4,317.19	1/2	4,108.71	1/2	3,899.81	1/2	3,690.08	1/2	3,480.34	1/2	3,227.38	1/2	2,886.54	1/2	2,545.26	1/2	2,203.27
3/4		3/4	4,312.87	3/4	4,104.36	3/4	3,895.44	3/4	3,685.71	3/4	3,475.97	3/4	3,220.29	3/4	2,879.43	3/4	2,538.14	3/4	2,196.14
11		11	4,308.55	11	4,100.01	11	3,891.07	11	3,681.34	11	3,471.60	11	3,213.20	11	2,872.32	11	2,531.01	11	2,189.02
1/4		1/4	4,304.23	1/4	4,095.66	1/4	3,886.70	1/4	3,676.97	1/4	3,467.23	1/4	3,206.11	1/4	2,865.22	1/4	2,523.89	1/4	2,181.89
1/2		1/2	4,299.91	1/2	4,091.31	1/2	3,882.33	1/2	3,672.60	1/2	3,462.86	1/2	3,199.02	1/2	2,858.11	1/2	2,516.76	1/2	2,174.77
3/4		3/4	4,295.59	3/4	4,086.96	3/4	3,877.96	3/4	3,668.23	3/4	3,458.49	3/4	3,191.93	3/4	2,851.00	3/4	2,509.63	3/4	2,167.64

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

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 29116"

3 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "NGL 3026"

GAUGE HEIGHT 16'-04 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	2,160.52	0	1,818.53	0	1,476.55	0	1,134.56	0	793.07	0	451.09	0	128.41	0		0		0	
1/4	2,153.39	1/4	1,811.41	1/4	1,469.42	1/4	1,127.44	1/4	785.95	1/4	443.97	1/4	121.29	1/4	1/4	1/4		1/4	
1/2	2,146.27	1/2	1,804.28	1/2	1,462.30	1/2	1,120.31	1/2	778.82	1/2	436.85	1/2	114.17	1/2	1/2	1/2		1/2	
3/4	2,139.14	3/4	1,797.16	3/4	1,455.17	3/4	1,113.19	3/4	771.70	3/4	429.72	3/4	107.05	3/4	3/4	3/4		3/4	
1	2,132.02	1	1,790.03	1	1,448.05	1	1,106.06	1	764.57	1	422.60	1	99.94	1	1	1		1	
1/4	2,124.89	1/4	1,782.91	1/4	1,440.92	1/4	1,098.94	1/4	757.45	1/4	415.47	1/4	92.83	1/4	1/4	1/4		1/4	
1/2	2,117.77	1/2	1,775.78	1/2	1,433.80	1/2	1,091.81	1/2	750.32	1/2	408.35	1/2	85.71	1/2	1/2	1/2		1/2	
3/4	2,110.64	3/4	1,768.66	3/4	1,426.67	3/4	1,084.69	3/4	743.20	3/4	401.22	3/4	78.62	3/4	3/4	3/4		3/4	
2	2,103.52	2	1,761.53	2	1,419.55	2	1,077.58	2	736.07	2	394.10	2	71.54	2	2	2		2	
1/4	2,096.40	1/4	1,754.41	1/4	1,412.42	1/4	1,070.46	1/4	728.95	1/4	386.97	1/4	64.45	1/4	1/4	1/4		1/4	
1/2	2,089.27	1/2	1,747.29	1/2	1,405.30	1/2	1,063.34	1/2	721.83	1/2	379.85	1/2	57.35	1/2	1/2	1/2		1/2	
3/4	2,082.15	3/4	1,740.16	3/4	1,398.17	3/4	1,056.23	3/4	714.70	3/4	372.72	3/4	51.13	3/4	3/4	3/4		3/4	
3	2,075.02	3	1,733.04	3	1,391.05	3	1,049.12	3	707.58	3	365.60	3	44.89	3	3	3		3	
1/4	2,067.90	1/4	1,725.91	1/4	1,383.93	1/4	1,042.01	1/4	700.45	1/4	358.48	1/4	38.66	1/4	1/4	1/4		1/4	
1/2	2,060.77	1/2	1,718.79	1/2	1,376.80	1/2	1,034.89	1/2	693.33	1/2	351.35	1/2	32.43	1/2	1/2	1/2		1/2	
3/4	2,053.65	3/4	1,711.66	3/4	1,369.68	3/4	1,027.78	3/4	686.20	3/4	344.23	3/4	27.98	3/4	3/4	3/4		3/4	
4	2,046.52	4	1,704.54	4	1,362.55	4	1,020.67	4	679.08	4	337.10	4	23.52	4	4	4		4	
1/4	2,039.40	1/4	1,697.41	1/4	1,355.43	1/4	1,013.56	1/4	671.95	1/4	329.98	1/4	19.07	1/4	1/4	1/4		1/4	
1/2	2,032.27	1/2	1,690.29	1/2	1,348.30	1/2	1,006.45	1/2	664.83	1/2	322.85	1/2	14.61	1/2	1/2	1/2		1/2	
3/4	2,025.15	3/4	1,683.16	3/4	1,341.18	3/4	999.34	3/4	657.70	3/4	315.74	3/4		3/4	3/4	3/4		3/4	
5	2,018.02	5	1,676.04	5	1,334.05	5	992.23	5	650.58	5	309.82	5		5	5	5		5	
1/4	2,010.90	1/4	1,668.91	1/4	1,326.93	1/4	985.12	1/4	643.46	1/4	303.30	1/4		1/4	1/4	1/4		1/4	
1/2	2,003.77	1/2	1,661.79	1/2	1,319.80	1/2	978.01	1/2	636.33	1/2	296.79	1/2		1/2	1/2	1/2		1/2	
3/4	1,996.65	3/4	1,654.66	3/4	1,312.68	3/4	970.90	3/4	629.21	3/4	290.56	3/4		3/4	3/4	3/4		3/4	
6	1,989.53	6	1,647.54	6	1,305.55	6	963.79	6	622.08	6	284.34	6		6	6	6		6	
1/4	1,982.40	1/4	1,640.41	1/4	1,298.43	1/4	956.68	1/4	614.96	1/4	278.12	1/4		1/4	1/4	1/4		1/4	
1/2	1,975.28	1/2	1,633.29	1/2	1,291.30	1/2	949.57	1/2	607.83	1/2	271.90	1/2		1/2	1/2	1/2		1/2	
3/4	1,968.15	3/4	1,626.17	3/4	1,284.18	3/4	942.45	3/4	600.71	3/4	265.67	3/4		3/4	3/4	3/4		3/4	
7	1,961.03	7	1,619.04	7	1,277.06	7	935.34	7	593.58	7	259.45	7		7	7	7		7	
1/4	1,953.90	1/4	1,611.92	1/4	1,269.93	1/4	928.23	1/4	586.46	1/4	253.23	1/4		1/4	1/4	1/4		1/4	
1/2	1,946.78	1/2	1,604.79	1/2	1,262.81	1/2	921.12	1/2	579.34	1/2	247.01	1/2		1/2	1/2	1/2		1/2	
3/4	1,939.65	3/4	1,597.67	3/4	1,255.68	3/4	914.01	3/4	572.21	3/4	240.78	3/4		3/4	3/4	3/4		3/4	
8	1,932.53	8	1,590.54	8	1,248.56	8	906.90	8	565.09	8	234.56	8		8	8	8		8	
1/4	1,925.40	1/4	1,583.42	1/4	1,241.43	1/4	899.79	1/4	557.96	1/4	228.34	1/4		1/4	1/4	1/4		1/4	
1/2	1,918.28	1/2	1,576.29	1/2	1,234.31	1/2	892.68	1/2	550.84	1/2	222.12	1/2		1/2	1/2	1/2		1/2	
3/4	1,911.15	3/4	1,569.17	3/4	1,227.18	3/4	885.57	3/4	543.71	3/4	215.89	3/4		3/4	3/4	3/4		3/4	
9	1,904.03	9	1,562.04	9	1,220.06	9	878.46	9	536.59	9	209.67	9		9	9	9		9	
1/4	1,896.90	1/4	1,554.92	1/4	1,212.93	1/4	871.35	1/4	529.46	1/4	203.45	1/4		1/4	1/4	1/4		1/4	
1/2	1,889.78	1/2	1,547.79	1/2	1,205.81	1/2	864.24	1/2	522.34	1/2	197.23	1/2		1/2	1/2	1/2		1/2	
3/4	1,882.65	3/4	1,540.67	3/4	1,198.68	3/4	857.13	3/4	515.21	3/4	190.71	3/4		3/4	3/4	3/4		3/4	
10	1,875.53	10	1,533.54	10	1,191.56	10	850.02	10	508.09	10	184.19	10		10	10	10		10	
1/4	1,868.41	1/4	1,526.42	1/4	1,184.43	1/4	842.91	1/4	500.97	1/4	177.68	1/4		1/4	1/4	1/4		1/4	
1/2	1,861.28	1/2	1,519.29	1/2	1,177.31	1/2	835.80	1/2	493.84	1/2	171.16	1/2		1/2	1/2	1/2		1/2	
3/4	1,854.16	3/4	1,512.17	3/4	1,170.18	3/4	828.68	3/4	486.72	3/4	164.03	3/4		3/4	3/4	3/4		3/4	
11	1,847.03	11	1,505.05	11	1,163.06	11	821.56	11	479.59	11	156.91	11		11	11	11		11	
1/4	1,839.91	1/4	1,497.92	1/4	1,155.94	1/4	814.44	1/4	472.47	1/4	149.78	1/4		1/4	1/4	1/4		1/4	
1/2	1,832.78	1/2	1,490.80	1/2	1,148.81	1/2	807.32	1/2	465.34	1/2	142.66	1/2		1/2	1/2	1/2		1/2	
3/4	1,825.66	3/4	1,483.67	3/4	1,141.69	3/4	800.19	3/4	458.22	3/4	135.54	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/10/2021 CL
CALCULATED: 11/10/2021 CL
NAME CHANGE: 03/27/2023 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023