



BARGE "KIRBY 30082"

ULLAGE TRIM TABLE
Formerly "WTC 3013"

	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	00-1/8	- 00-1/8	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	00-1/8	- 00-1/8	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	00-0/8	- 00-0/8	00-0/8	- 00-0/8	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	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
3 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
AFT DRAFT = 5'-00"
DIFF. = 3'-00" (DOWN BY STERN)

THE CORRECTION FOR 3'-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'-06"

September 26, 2022

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

<http://www.pmacorp.net>



BARGE "KIRBY 30082"

1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3013"

GAUGE HEIGHT 16'-11 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,951.22	0	4,593.48	0	4,235.73	0	3,877.99	0	3,520.24	0	3,162.50	0	2,804.69
1/4		1/4		1/4		1/4	4,943.77	1/4	4,586.02	1/4	4,228.28	1/4	3,870.53	1/4	3,512.79	1/4	3,155.04	1/4	2,797.26
1/2		1/2		1/2		1/2	4,936.31	1/2	4,578.57	1/2	4,220.82	1/2	3,863.08	1/2	3,505.33	1/2	3,147.59	1/2	2,789.83
3/4		3/4		3/4		3/4	4,928.86	3/4	4,571.12	3/4	4,213.37	3/4	3,855.63	3/4	3,497.88	3/4	3,140.14	3/4	2,782.40
1		1		1		1	4,921.41	1	4,563.67	1	4,205.92	1	3,848.18	1	3,490.43	1	3,132.69	1	2,774.94
1/4		1/4		1/4		1/4	4,913.96	1/4	4,556.21	1/4	4,198.46	1/4	3,840.72	1/4	3,482.97	1/4	3,125.23	1/4	2,767.49
1/2		1/2		1/2		1/2	4,906.50	1/2	4,548.76	1/2	4,191.01	1/2	3,833.27	1/2	3,475.52	1/2	3,117.78	1/2	2,760.03
3/4		3/4		3/4		3/4	4,899.05	3/4	4,541.31	3/4	4,183.56	3/4	3,825.82	3/4	3,468.07	3/4	3,110.33	3/4	2,752.58
2		2		2		2	4,891.60	2	4,533.85	2	4,176.11	2	3,818.36	2	3,460.62	2	3,102.88	2	2,745.13
1/4		1/4		1/4		1/4	4,884.15	1/4	4,526.40	1/4	4,168.65	1/4	3,810.91	1/4	3,453.16	1/4	3,095.42	1/4	2,737.67
1/2		1/2		1/2		1/2	4,876.69	1/2	4,518.94	1/2	4,161.20	1/2	3,803.45	1/2	3,445.71	1/2	3,087.97	1/2	2,730.22
3/4		3/4		3/4		3/4	4,869.24	3/4	4,511.49	3/4	4,153.75	3/4	3,796.00	3/4	3,438.26	3/4	3,080.52	3/4	2,722.77
3		3		3		3	4,861.79	3	4,504.04	3	4,146.30	3	3,788.55	3	3,430.81	3	3,073.06	3	2,715.32
1/4		1/4		1/4		1/4	4,854.34	1/4	4,496.58	1/4	4,138.84	1/4	3,781.09	1/4	3,423.35	1/4	3,065.61	1/4	2,707.87
1/2		1/2		1/2		1/2	4,846.88	1/2	4,489.13	1/2	4,131.39	1/2	3,773.64	1/2	3,415.90	1/2	3,058.15	1/2	2,700.41
3/4		3/4		3/4		3/4	4,839.43	3/4	4,481.68	3/4	4,123.94	3/4	3,766.19	3/4	3,408.45	3/4	3,050.70	3/4	2,692.96
4		4		4		4	4,831.98	4	4,474.23	4	4,116.48	4	3,758.74	4	3,401.00	4	3,043.25	4	2,685.51
1/4		1/4		1/4		1/4	4,824.52	1/4	4,466.77	1/4	4,109.03	1/4	3,751.28	1/4	3,393.54	1/4	3,035.79	1/4	2,678.06
1/2		1/2		1/2		1/2	4,817.07	1/2	4,459.32	1/2	4,101.57	1/2	3,743.83	1/2	3,386.09	1/2	3,028.34	1/2	2,670.60
3/4		3/4		3/4		3/4	4,809.61	3/4	4,451.87	3/4	4,094.12	3/4	3,736.38	3/4	3,378.64	3/4	3,020.89	3/4	2,663.15
5		5		5		5	4,802.16	5	4,444.42	5	4,086.67	5	3,728.93	5	3,371.18	5	3,013.44	5	2,655.70
1/4		1/4		1/4		1/4	4,794.71	1/4	4,436.96	1/4	4,079.21	1/4	3,721.47	1/4	3,363.73	1/4	3,005.98	1/4	2,648.25
1/2		1/2		1/2		1/2	4,787.25	1/2	4,429.51	1/2	4,071.76	1/2	3,714.02	1/2	3,356.27	1/2	2,998.53	1/2	2,640.79
3/4		3/4		3/4		3/4	5,055.59	3/4	4,779.80	3/4	4,422.06	3/4	4,064.31	3/4	3,706.57	3/4	3,348.82	3/4	2,991.08
6		6		6		6	5,054.75	6	4,772.35	6	4,414.61	6	4,056.86	6	3,699.12	6	3,341.37	6	2,983.63
1/4		1/4		1/4		1/4	5,053.91	1/4	4,764.89	1/4	4,407.15	1/4	4,049.40	1/4	3,691.66	1/4	3,333.91	1/4	2,976.17
1/2		1/2		1/2		1/2	5,053.06	1/2	4,757.44	1/2	4,399.70	1/2	4,041.95	1/2	3,684.21	1/2	3,326.46	1/2	2,968.72
3/4		3/4		3/4		3/4	5,052.22	3/4	4,749.99	3/4	4,392.25	3/4	4,034.50	3/4	3,676.76	3/4	3,319.01	3/4	2,961.27
7		7		7		7	5,050.19	7	4,742.54	7	4,384.79	7	4,027.05	7	3,669.30	7	3,311.56	7	2,953.82
1/4		1/4		1/4		1/4	5,048.15	1/4	4,735.08	1/4	4,377.34	1/4	4,019.59	1/4	3,661.85	1/4	3,304.10	1/4	2,946.36
1/2		1/2		1/2		1/2	5,046.12	1/2	4,727.63	1/2	4,369.88	1/2	4,012.14	1/2	3,654.39	1/2	3,296.65	1/2	2,938.91
3/4		3/4		3/4		3/4	5,044.08	3/4	4,720.18	3/4	4,362.43	3/4	4,004.69	3/4	3,646.94	3/4	3,289.20	3/4	2,931.46
8		8		8		8	5,040.72	8	4,712.73	8	4,354.98	8	3,997.24	8	3,639.49	8	3,281.75	8	2,924.00
1/4		1/4		1/4		1/4	5,037.36	1/4	4,705.27	1/4	4,347.52	1/4	3,989.78	1/4	3,632.03	1/4	3,274.29	1/4	2,916.55
1/2		1/2		1/2		1/2	5,034.00	1/2	4,697.82	1/2	4,340.07	1/2	3,982.33	1/2	3,624.58	1/2	3,266.84	1/2	2,909.09
3/4		3/4		3/4		3/4	5,030.64	3/4	4,690.37	3/4	4,332.62	3/4	3,974.88	3/4	3,617.13	3/4	3,259.39	3/4	2,901.64
9		9		9		9	5,025.87	9	4,682.91	9	4,325.17	9	3,967.42	9	3,609.68	9	3,251.94	9	2,894.19
1/4		1/4		1/4		1/4	5,021.10	1/4	4,675.46	1/4	4,317.71	1/4	3,959.97	1/4	3,602.22	1/4	3,244.48	1/4	2,886.73
1/2		1/2		1/2		1/2	5,016.33	1/2	4,668.00	1/2	4,310.26	1/2	3,952.51	1/2	3,594.77	1/2	3,237.03	1/2	2,879.28
3/4		3/4		3/4		3/4	5,011.56	3/4	4,660.55	3/4	4,302.81	3/4	3,945.06	3/4	3,587.32	3/4	3,229.58	3/4	2,871.83
10		10		10		10	5,005.46	10	4,653.10	10	4,295.36	10	3,937.61	10	3,579.87	10	3,222.12	10	2,864.38
1/4		1/4		1/4		1/4	4,999.36	1/4	4,645.64	1/4	4,287.90	1/4	3,930.15	1/4	3,572.41	1/4	3,214.67	1/4	2,856.92
1/2		1/2		1/2		1/2	4,993.25	1/2	4,638.19	1/2	4,280.45	1/2	3,922.70	1/2	3,564.96	1/2	3,207.21	1/2	2,849.47
3/4		3/4		3/4		3/4	4,987.15	3/4	4,630.74	3/4	4,273.00	3/4	3,915.25	3/4	3,557.51	3/4	3,199.76	3/4	2,842.02
11		11		11		11	4,980.03	11	4,623.29	11	4,265.55	11	3,907.80	11	3,550.06	11	3,192.31	11	2,834.54
1/4		1/4		1/4		1/4	4,972.91	1/4	4,615.83	1/4	4,258.09	1/4	3,900.34	1/4	3,542.60	1/4	3,184.85	1/4	2,827.07
1/2		1/2		1/2		1/2	4,965.79	1/2	4,608.38	1/2	4,250.64	1/2	3,892.89	1/2	3,535.15	1/2	3,177.40	1/2	2,819.59
3/4		3/4		3/4		3/4	4,958.67	3/4	4,600.93	3/4	4,243.19	3/4	3,885.44	3/4	3,527.70	3/4	3,169.95	3/4	2,812.12

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 WITH "HERMETIC" DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-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 "KIRBY 30082"

1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3013"

GAUGE HEIGHT 16'-11 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,447.01	0	2,089.27	0	1,731.53	0	1,373.78	0	1,015.97	0	657.74	0	306.42	0		0		0	
1/4	2,439.56	1/4	2,081.82	1/4	1,724.08	1/4	1,366.33	1/4	1,008.51	1/4	650.27	1/4	299.48	1/4	1/4	1/4		1/4	1/4
1/2	2,432.10	1/2	2,074.36	1/2	1,716.62	1/2	1,358.87	1/2	1,001.04	1/2	642.81	1/2	292.55	1/2	1/2	1/2		1/2	1/2
3/4	2,424.65	3/4	2,066.91	3/4	1,709.17	3/4	1,351.42	3/4	993.58	3/4	635.35	3/4	285.61	3/4	3/4	3/4		3/4	3/4
1	2,417.20	1	2,059.46	1	1,701.72	1	1,343.97	1	986.11	1	627.89	1	278.67	1	1	1		1	1
1/4	2,409.75	1/4	2,052.01	1/4	1,694.26	1/4	1,336.52	1/4	978.65	1/4	620.42	1/4	271.73	1/4	1/4	1/4		1/4	1/4
1/2	2,402.29	1/2	2,044.55	1/2	1,686.81	1/2	1,329.06	1/2	971.18	1/2	612.96	1/2	264.80	1/2	1/2	1/2		1/2	1/2
3/4	2,394.84	3/4	2,037.10	3/4	1,679.35	3/4	1,321.61	3/4	963.72	3/4	605.50	3/4	257.86	3/4	3/4	3/4		3/4	3/4
2	2,387.39	2	2,029.65	2	1,671.90	2	1,314.16	2	956.26	2	598.04	2	251.02	2	2	2		2	2
1/4	2,379.94	1/4	2,022.19	1/4	1,664.45	1/4	1,306.71	1/4	948.79	1/4	590.57	1/4	244.19	1/4	1/4	1/4		1/4	1/4
1/2	2,372.48	1/2	2,014.74	1/2	1,656.99	1/2	1,299.25	1/2	941.33	1/2	583.11	1/2	237.35	1/2	1/2	1/2		1/2	1/2
3/4	2,365.03	3/4	2,007.28	3/4	1,649.54	3/4	1,291.80	3/4	933.87	3/4	575.65	3/4	230.52	3/4	3/4	3/4		3/4	3/4
3	2,357.58	3	1,999.83	3	1,642.09	3	1,284.35	3	926.41	3	568.19	3	223.79	3	3	3		3	3
1/4	2,350.13	1/4	1,992.38	1/4	1,634.64	1/4	1,276.90	1/4	918.94	1/4	560.72	1/4	217.06	1/4	1/4	1/4		1/4	1/4
1/2	2,342.67	1/2	1,984.92	1/2	1,627.18	1/2	1,269.44	1/2	911.48	1/2	553.26	1/2	210.33	1/2	1/2	1/2		1/2	1/2
3/4	2,335.22	3/4	1,977.47	3/4	1,619.73	3/4	1,261.99	3/4	904.02	3/4	545.80	3/4	203.60	3/4	3/4	3/4		3/4	3/4
4	2,327.77	4	1,970.02	4	1,612.28	4	1,254.54	4	896.56	4	538.34	4	196.87	4	4	4		4	4
1/4	2,320.31	1/4	1,962.57	1/4	1,604.83	1/4	1,247.08	1/4	889.09	1/4	530.87	1/4	190.13	1/4	1/4	1/4		1/4	1/4
1/2	2,312.86	1/2	1,955.11	1/2	1,597.37	1/2	1,239.63	1/2	881.63	1/2	523.41	1/2	183.40	1/2	1/2	1/2		1/2	1/2
3/4	2,305.40	3/4	1,947.66	3/4	1,589.92	3/4	1,232.17	3/4	874.17	3/4	515.95	3/4	176.67	3/4	3/4	3/4		3/4	3/4
5	2,297.95	5	1,940.21	5	1,582.47	5	1,224.72	5	866.71	5	508.55	5	170.04	5	5	5		5	5
1/4	2,290.50	1/4	1,932.76	1/4	1,575.02	1/4	1,217.27	1/4	859.24	1/4	501.14	1/4	163.41	1/4	1/4	1/4		1/4	1/4
1/2	2,283.04	1/2	1,925.30	1/2	1,567.56	1/2	1,209.81	1/2	851.78	1/2	493.74	1/2	156.78	1/2	1/2	1/2		1/2	1/2
3/4	2,275.59	3/4	1,917.85	3/4	1,560.11	3/4	1,202.36	3/4	844.32	3/4	486.34	3/4	150.15	3/4	3/4	3/4		3/4	3/4
6	2,268.14	6	1,910.40	6	1,552.66	6	1,194.91	6	836.85	6	478.99	6	143.62	6	6	6		6	6
1/4	2,260.69	1/4	1,902.95	1/4	1,545.20	1/4	1,187.46	1/4	829.39	1/4	471.65	1/4	137.09	1/4	1/4	1/4		1/4	1/4
1/2	2,253.23	1/2	1,895.49	1/2	1,537.75	1/2	1,180.00	1/2	821.92	1/2	464.30	1/2	130.57	1/2	1/2	1/2		1/2	1/2
3/4	2,245.78	3/4	1,888.04	3/4	1,530.29	3/4	1,172.55	3/4	814.46	3/4	456.96	3/4	124.04	3/4	3/4	3/4		3/4	3/4
7	2,238.33	7	1,880.59	7	1,522.84	7	1,165.10	7	807.00	7	449.62	7	117.51	7	7	7		7	7
1/4	2,230.88	1/4	1,873.13	1/4	1,515.39	1/4	1,157.65	1/4	799.53	1/4	442.27	1/4	110.98	1/4	1/4	1/4		1/4	1/4
1/2	2,223.42	1/2	1,865.68	1/2	1,507.93	1/2	1,150.19	1/2	792.07	1/2	434.93	1/2	104.46	1/2	1/2	1/2		1/2	1/2
3/4	2,215.97	3/4	1,858.22	3/4	1,500.48	3/4	1,142.74	3/4	784.61	3/4	427.59	3/4	97.93	3/4	3/4	3/4		3/4	3/4
8	2,208.52	8	1,850.77	8	1,493.03	8	1,135.29	8	777.15	8	420.35	8	91.50	8	8	8		8	8
1/4	2,201.07	1/4	1,843.32	1/4	1,485.58	1/4	1,127.84	1/4	769.68	1/4	413.10	1/4	85.08	1/4	1/4	1/4		1/4	1/4
1/2	2,193.61	1/2	1,835.86	1/2	1,478.12	1/2	1,120.38	1/2	762.22	1/2	405.86	1/2	78.65	1/2	1/2	1/2		1/2	1/2
3/4	2,186.16	3/4	1,828.41	3/4	1,470.67	3/4	1,112.93	3/4	754.76	3/4	398.62	3/4	72.23	3/4	3/4	3/4		3/4	3/4
9	2,178.71	9	1,820.96	9	1,463.22	9	1,105.48	9	747.30	9	391.48	9	66.58	9	9	9		9	9
1/4	2,171.25	1/4	1,813.51	1/4	1,455.77	1/4	1,098.02	1/4	739.83	1/4	384.34	1/4	60.92	1/4	1/4	1/4		1/4	1/4
1/2	2,163.80	1/2	1,806.05	1/2	1,448.31	1/2	1,090.57	1/2	732.37	1/2	377.21	1/2	55.27	1/2	1/2	1/2		1/2	1/2
3/4	2,156.34	3/4	1,798.60	3/4	1,440.86	3/4	1,083.11	3/4	724.91	3/4	370.07	3/4	49.62	3/4	3/4	3/4		3/4	3/4
10	2,148.89	10	1,791.15	10	1,433.41	10	1,075.65	10	717.45	10	362.93	10	44.90	10	10	10		10	10
1/4	2,141.44	1/4	1,783.70	1/4	1,425.96	1/4	1,068.20	1/4	709.98	1/4	355.79	1/4	40.19	1/4	1/4	1/4		1/4	1/4
1/2	2,133.98	1/2	1,776.24	1/2	1,418.50	1/2	1,060.74	1/2	702.52	1/2	348.65	1/2	35.47	1/2	1/2	1/2		1/2	1/2
3/4	2,126.53	3/4	1,768.79	3/4	1,411.05	3/4	1,053.28	3/4	695.06	3/4	341.51	3/4	30.76	3/4	3/4	3/4		3/4	3/4
11	2,119.08	11	1,761.34	11	1,403.60	11	1,045.82	11	687.59	11	334.47	11	27.22	11	11	11		11	11
1/4	2,111.63	1/4	1,753.89	1/4	1,396.14	1/4	1,038.36	1/4	680.13	1/4	327.43	1/4	23.67	1/4	1/4	1/4		1/4	1/4
1/2	2,104.17	1/2	1,746.43	1/2	1,388.69	1/2	1,030.89	1/2	672.66	1/2	320.40	1/2	20.13	1/2	1/2	1/2		1/2	1/2
3/4	2,096.72	3/4	1,738.98	3/4	1,381.23	3/4	1,023.43	3/4	665.20	3/4	313.36	3/4	16.59	3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2002 INS
RECALCULATED: 09/26/2022 SW
REPRINTED: 09/26/2022 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2022

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



BARGE "KIRBY 30082"

1 STBD ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3013"

GAUGE HEIGHT 16'-11 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		0		0		0	4,943.77	0	4,586.02	0	4,228.28	0	3,870.53	0	3,512.79	0	3,155.04	0	2,797.26
1/4		1/4		1/4		1/4	4,936.31	1/4	4,578.57	1/4	4,220.82	1/4	3,863.08	1/4	3,505.33	1/4	3,147.59	1/4	2,789.83
1/2		1/2		1/2		1/2	4,928.86	1/2	4,571.12	1/2	4,213.37	1/2	3,855.63	1/2	3,497.88	1/2	3,140.14	1/2	2,782.40
3/4		3/4		3/4		3/4	4,921.41	3/4	4,563.67	3/4	4,205.92	3/4	3,848.18	3/4	3,490.43	3/4	3,132.69	3/4	2,774.94
1		1		1		1	4,913.96	1	4,556.21	1	4,198.46	1	3,840.72	1	3,482.97	1	3,125.23	1	2,767.49
1/4		1/4		1/4		1/4	4,906.50	1/4	4,548.76	1/4	4,191.01	1/4	3,833.27	1/4	3,475.52	1/4	3,117.78	1/4	2,760.03
1/2		1/2		1/2		1/2	4,899.05	1/2	4,541.31	1/2	4,183.56	1/2	3,825.82	1/2	3,468.07	1/2	3,110.33	1/2	2,752.58
3/4		3/4		3/4		3/4	4,891.60	3/4	4,533.85	3/4	4,176.11	3/4	3,818.36	3/4	3,460.62	3/4	3,102.88	3/4	2,745.13
2		2		2		2	4,884.15	2	4,526.40	2	4,168.65	2	3,810.91	2	3,453.16	2	3,095.42	2	2,737.67
1/4		1/4		1/4		1/4	4,876.69	1/4	4,518.94	1/4	4,161.20	1/4	3,803.45	1/4	3,445.71	1/4	3,087.97	1/4	2,730.22
1/2		1/2		1/2		1/2	4,869.24	1/2	4,511.49	1/2	4,153.75	1/2	3,796.00	1/2	3,438.26	1/2	3,080.52	1/2	2,722.77
3/4		3/4		3/4		3/4	4,861.79	3/4	4,504.04	3/4	4,146.30	3/4	3,788.55	3/4	3,430.81	3/4	3,073.06	3/4	2,715.32
3		3		3		3	4,854.34	3	4,496.58	3	4,138.84	3	3,781.09	3	3,423.35	3	3,065.61	3	2,707.87
1/4		1/4		1/4		1/4	4,846.88	1/4	4,489.13	1/4	4,131.39	1/4	3,773.64	1/4	3,415.90	1/4	3,058.15	1/4	2,700.41
1/2		1/2		1/2		1/2	4,839.43	1/2	4,481.68	1/2	4,123.94	1/2	3,766.19	1/2	3,408.45	1/2	3,050.70	1/2	2,692.96
3/4		3/4		3/4		3/4	4,831.98	3/4	4,474.23	3/4	4,116.48	3/4	3,758.74	3/4	3,401.00	3/4	3,043.25	3/4	2,685.51
4		4		4		4	4,824.52	4	4,466.77	4	4,109.03	4	3,751.28	4	3,393.54	4	3,035.79	4	2,678.06
1/4		1/4		1/4		1/4	4,817.07	1/4	4,459.32	1/4	4,101.57	1/4	3,743.83	1/4	3,386.09	1/4	3,028.34	1/4	2,670.60
1/2		1/2		1/2		1/2	4,809.61	1/2	4,451.87	1/2	4,094.12	1/2	3,736.38	1/2	3,378.64	1/2	3,020.89	1/2	2,663.15
3/4		3/4		3/4		3/4	4,802.16	3/4	4,444.42	3/4	4,086.67	3/4	3,728.93	3/4	3,371.18	3/4	3,013.44	3/4	2,655.70
5		5		5		5	4,794.71	5	4,436.96	5	4,079.21	5	3,721.47	5	3,363.73	5	3,005.98	5	2,648.25
1/4		1/4		1/4		1/4	4,787.25	1/4	4,429.51	1/4	4,071.76	1/4	3,714.02	1/4	3,356.27	1/4	2,998.53	1/4	2,640.79
1/2		1/2		1/2		1/2	5,055.59	1/2	4,779.80	1/2	4,422.06	1/2	4,064.31	1/2	3,706.57	1/2	3,348.82	1/2	2,991.08
3/4		3/4		3/4		3/4	5,054.75	3/4	4,772.35	3/4	4,414.61	3/4	4,056.86	3/4	3,699.12	3/4	3,341.37	3/4	2,983.63
6		6		6		6	5,053.91	6	4,764.89	6	4,407.15	6	4,049.40	6	3,691.66	6	3,333.91	6	2,976.17
1/4		1/4		1/4		1/4	5,053.06	1/4	4,757.44	1/4	4,399.70	1/4	4,041.95	1/4	3,684.21	1/4	3,326.46	1/4	2,968.72
1/2		1/2		1/2		1/2	5,052.22	1/2	4,749.99	1/2	4,392.25	1/2	4,034.50	1/2	3,676.76	1/2	3,319.01	1/2	2,961.27
3/4		3/4		3/4		3/4	5,050.19	3/4	4,742.54	3/4	4,384.79	3/4	4,027.05	3/4	3,669.30	3/4	3,311.56	3/4	2,953.82
7		7		7		7	5,048.15	7	4,735.08	7	4,377.34	7	4,019.59	7	3,661.85	7	3,304.10	7	2,946.36
1/4		1/4		1/4		1/4	5,046.12	1/4	4,727.63	1/4	4,369.88	1/4	4,012.14	1/4	3,654.39	1/4	3,296.65	1/4	2,938.91
1/2		1/2		1/2		1/2	5,044.08	1/2	4,720.18	1/2	4,362.43	1/2	4,004.69	1/2	3,646.94	1/2	3,289.20	1/2	2,931.46
3/4		3/4		3/4		3/4	5,040.72	3/4	4,712.73	3/4	4,354.98	3/4	3,997.24	3/4	3,639.49	3/4	3,281.75	3/4	2,924.00
8		8		8		8	5,037.36	8	4,705.27	8	4,347.52	8	3,989.78	8	3,632.03	8	3,274.29	8	2,916.55
1/4		1/4		1/4		1/4	5,034.00	1/4	4,697.82	1/4	4,340.07	1/4	3,982.33	1/4	3,624.58	1/4	3,266.84	1/4	2,909.09
1/2		1/2		1/2		1/2	5,030.64	1/2	4,690.37	1/2	4,332.62	1/2	3,974.88	1/2	3,617.13	1/2	3,259.39	1/2	2,901.64
3/4		3/4		3/4		3/4	5,025.87	3/4	4,682.91	3/4	4,325.17	3/4	3,967.42	3/4	3,609.68	3/4	3,251.94	3/4	2,894.19
9		9		9		9	5,021.10	9	4,675.46	9	4,317.71	9	3,959.97	9	3,602.22	9	3,244.48	9	2,886.73
1/4		1/4		1/4		1/4	5,016.33	1/4	4,668.00	1/4	4,310.26	1/4	3,952.51	1/4	3,594.77	1/4	3,237.03	1/4	2,879.28
1/2		1/2		1/2		1/2	5,011.56	1/2	4,660.55	1/2	4,302.81	1/2	3,945.06	1/2	3,587.32	1/2	3,229.58	1/2	2,871.83
3/4		3/4		3/4		3/4	5,005.46	3/4	4,653.10	3/4	4,295.36	3/4	3,937.61	3/4	3,579.87	3/4	3,222.12	3/4	2,864.38
10		10		10		10	4,999.36	10	4,645.64	10	4,287.90	10	3,930.15	10	3,572.41	10	3,214.67	10	2,856.92
1/4		1/4		1/4		1/4	4,993.25	1/4	4,638.19	1/4	4,280.45	1/4	3,922.70	1/4	3,564.96	1/4	3,207.21	1/4	2,849.47
1/2		1/2		1/2		1/2	4,987.15	1/2	4,630.74	1/2	4,273.00	1/2	3,915.25	1/2	3,557.51	1/2	3,199.76	1/2	2,842.02
3/4		3/4		3/4		3/4	4,980.03	3/4	4,623.29	3/4	4,265.55	3/4	3,907.80	3/4	3,550.06	3/4	3,192.31	3/4	2,834.54
11		11		11		11	4,972.91	11	4,615.83	11	4,258.09	11	3,900.34	11	3,542.60	11	3,184.85	11	2,827.07
1/4		1/4		1/4		1/4	4,965.79	1/4	4,608.38	1/4	4,250.64	1/4	3,892.89	1/4	3,535.15	1/4	3,177.40	1/4	2,819.59
1/2		1/2		1/2		1/2	4,958.67	1/2	4,600.93	1/2	4,243.19	1/2	3,885.44	1/2	3,527.70	1/2	3,169.95	1/2	2,812.12
3/4		3/4		3/4		3/4	4,951.22	3/4	4,593.48	3/4	4,235.73	3/4	3,877.99	3/4	3,520.24	3/4	3,162.50	3/4	2,804.69

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 WITH "HERMETIC" DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-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 "KIRBY 30082"

1 STBD

ULLAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3013"

GAUGE HEIGHT 16'-11 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	2,439.56	0	2,081.82	0	1,724.08	0	1,366.33	0	1,008.51	0	650.27	0	299.48	0		0		0	
1/4	2,432.10	1/4	2,074.36	1/4	1,716.62	1/4	1,358.87	1/4	1,001.04	1/4	642.81	1/4	292.55	1/4		1/4		1/4	
1/2	2,424.65	1/2	2,066.91	1/2	1,709.17	1/2	1,351.42	1/2	993.58	1/2	635.35	1/2	285.61	1/2		1/2		1/2	
3/4	2,417.20	3/4	2,059.46	3/4	1,701.72	3/4	1,343.97	3/4	986.11	3/4	627.89	3/4	278.67	3/4		3/4		3/4	
1	2,409.75	1	2,052.01	1	1,694.26	1	1,336.52	1	978.65	1	620.42	1	271.73	1		1		1	
1/4	2,402.29	1/4	2,044.55	1/4	1,686.81	1/4	1,329.06	1/4	971.18	1/4	612.96	1/4	264.80	1/4		1/4		1/4	
1/2	2,394.84	1/2	2,037.10	1/2	1,679.35	1/2	1,321.61	1/2	963.72	1/2	605.50	1/2	257.86	1/2		1/2		1/2	
3/4	2,387.39	3/4	2,029.65	3/4	1,671.90	3/4	1,314.16	3/4	956.26	3/4	598.04	3/4	251.02	3/4		3/4		3/4	
2	2,379.94	2	2,022.19	2	1,664.45	2	1,306.71	2	948.79	2	590.57	2	244.19	2		2		2	
1/4	2,372.48	1/4	2,014.74	1/4	1,656.99	1/4	1,299.25	1/4	941.33	1/4	583.11	1/4	237.35	1/4		1/4		1/4	
1/2	2,365.03	1/2	2,007.28	1/2	1,649.54	1/2	1,291.80	1/2	933.87	1/2	575.65	1/2	230.52	1/2		1/2		1/2	
3/4	2,357.58	3/4	1,999.83	3/4	1,642.09	3/4	1,284.35	3/4	926.41	3/4	568.19	3/4	223.79	3/4		3/4		3/4	
3	2,350.13	3	1,992.38	3	1,634.64	3	1,276.90	3	918.94	3	560.72	3	217.06	3		3		3	
1/4	2,342.67	1/4	1,984.92	1/4	1,627.18	1/4	1,269.44	1/4	911.48	1/4	553.26	1/4	210.33	1/4		1/4		1/4	
1/2	2,335.22	1/2	1,977.47	1/2	1,619.73	1/2	1,261.99	1/2	904.02	1/2	545.80	1/2	203.60	1/2		1/2		1/2	
3/4	2,327.77	3/4	1,970.02	3/4	1,612.28	3/4	1,254.54	3/4	896.56	3/4	538.34	3/4	196.87	3/4		3/4		3/4	
4	2,320.31	4	1,962.57	4	1,604.83	4	1,247.08	4	889.09	4	530.87	4	190.13	4		4		4	
1/4	2,312.86	1/4	1,955.11	1/4	1,597.37	1/4	1,239.63	1/4	881.63	1/4	523.41	1/4	183.40	1/4		1/4		1/4	
1/2	2,305.40	1/2	1,947.66	1/2	1,589.92	1/2	1,232.17	1/2	874.17	1/2	515.95	1/2	176.67	1/2		1/2		1/2	
3/4	2,297.95	3/4	1,940.21	3/4	1,582.47	3/4	1,224.72	3/4	866.71	3/4	508.55	3/4	170.04	3/4		3/4		3/4	
5	2,290.50	5	1,932.76	5	1,575.02	5	1,217.27	5	859.24	5	501.14	5	163.41	5		5		5	
1/4	2,283.04	1/4	1,925.30	1/4	1,567.56	1/4	1,209.81	1/4	851.78	1/4	493.74	1/4	156.78	1/4		1/4		1/4	
1/2	2,275.59	1/2	1,917.85	1/2	1,560.11	1/2	1,202.36	1/2	844.32	1/2	486.34	1/2	150.15	1/2		1/2		1/2	
3/4	2,268.14	3/4	1,910.40	3/4	1,552.66	3/4	1,194.91	3/4	836.85	3/4	478.99	3/4	143.62	3/4		3/4		3/4	
6	2,260.69	6	1,902.95	6	1,545.20	6	1,187.46	6	829.39	6	471.65	6	137.09	6		6		6	
1/4	2,253.23	1/4	1,895.49	1/4	1,537.75	1/4	1,180.00	1/4	821.92	1/4	464.30	1/4	130.57	1/4		1/4		1/4	
1/2	2,245.78	1/2	1,888.04	1/2	1,530.29	1/2	1,172.55	1/2	814.46	1/2	456.96	1/2	124.04	1/2		1/2		1/2	
3/4	2,238.33	3/4	1,880.59	3/4	1,522.84	3/4	1,165.10	3/4	807.00	3/4	449.62	3/4	117.51	3/4		3/4		3/4	
7	2,230.88	7	1,873.13	7	1,515.39	7	1,157.65	7	799.53	7	442.27	7	110.98	7		7		7	
1/4	2,223.42	1/4	1,865.68	1/4	1,507.93	1/4	1,150.19	1/4	792.07	1/4	434.93	1/4	104.46	1/4		1/4		1/4	
1/2	2,215.97	1/2	1,858.22	1/2	1,500.48	1/2	1,142.74	1/2	784.61	1/2	427.59	1/2	97.93	1/2		1/2		1/2	
3/4	2,208.52	3/4	1,850.77	3/4	1,493.03	3/4	1,135.29	3/4	777.15	3/4	420.35	3/4	91.50	3/4		3/4		3/4	
8	2,201.07	8	1,843.32	8	1,485.58	8	1,127.84	8	769.68	8	413.10	8	85.08	8		8		8	
1/4	2,193.61	1/4	1,835.86	1/4	1,478.12	1/4	1,120.38	1/4	762.22	1/4	405.86	1/4	78.65	1/4		1/4		1/4	
1/2	2,186.16	1/2	1,828.41	1/2	1,470.67	1/2	1,112.93	1/2	754.76	1/2	398.62	1/2	72.23	1/2		1/2		1/2	
3/4	2,178.71	3/4	1,820.96	3/4	1,463.22	3/4	1,105.48	3/4	747.30	3/4	391.48	3/4	66.58	3/4		3/4		3/4	
9	2,171.25	9	1,813.51	9	1,455.77	9	1,098.02	9	739.83	9	384.34	9	60.92	9		9		9	
1/4	2,163.80	1/4	1,806.05	1/4	1,448.31	1/4	1,090.57	1/4	732.37	1/4	377.21	1/4	55.27	1/4		1/4		1/4	
1/2	2,156.34	1/2	1,798.60	1/2	1,440.86	1/2	1,083.11	1/2	724.91	1/2	370.07	1/2	49.62	1/2		1/2		1/2	
3/4	2,148.89	3/4	1,791.15	3/4	1,433.41	3/4	1,075.65	3/4	717.45	3/4	362.93	3/4	44.90	3/4		3/4		3/4	
10	2,141.44	10	1,783.70	10	1,425.96	10	1,068.20	10	709.98	10	355.79	10	40.19	10		10		10	
1/4	2,133.98	1/4	1,776.24	1/4	1,418.50	1/4	1,060.74	1/4	702.52	1/4	348.65	1/4	35.47	1/4		1/4		1/4	
1/2	2,126.53	1/2	1,768.79	1/2	1,411.05	1/2	1,053.28	1/2	695.06	1/2	341.51	1/2	30.76	1/2		1/2		1/2	
3/4	2,119.08	3/4	1,761.34	3/4	1,403.60	3/4	1,045.82	3/4	687.59	3/4	334.47	3/4	27.22	3/4		3/4		3/4	
11	2,111.63	11	1,753.89	11	1,396.14	11	1,038.36	11	680.13	11	327.43	11	23.67	11		11		11	
1/4	2,104.17	1/4	1,746.43	1/4	1,388.69	1/4	1,030.89	1/4	672.66	1/4	320.40	1/4	20.13	1/4		1/4		1/4	
1/2	2,096.72	1/2	1,738.98	1/2	1,381.23	1/2	1,023.43	1/2	665.20	1/2	313.36	1/2	16.59	1/2		1/2		1/2	
3/4	2,089.27	3/4	1,731.53	3/4	1,373.78	3/4	1,015.97	3/4	657.74	3/4	306.42	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2002 INS
RECALCULATED: 09/26/2022 SW
REPRINTED: 09/26/2022 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2022

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



BARGE "KIRBY 30082"

2 PORT ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3013"

GAUGE HEIGHT 16'-11 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		0		0		0	5,004.75	0	4,645.66	0	4,286.58	0	3,927.49	0	3,568.40	0	3,209.31	0	2,850.22
1/4		1/4		1/4		1/4	4,997.27	1/4	4,638.18	1/4	4,279.09	1/4	3,920.00	1/4	3,560.92	1/4	3,201.83	1/4	2,842.74
1/2		1/2		1/2		1/2	4,989.79	1/2	4,630.70	1/2	4,271.61	1/2	3,912.52	1/2	3,553.44	1/2	3,194.35	1/2	2,835.26
3/4		3/4		3/4		3/4	4,982.31	3/4	4,623.22	3/4	4,264.13	3/4	3,905.04	3/4	3,545.96	3/4	3,186.87	3/4	2,827.78
1		1		1		1	4,974.83	1	4,615.74	1	4,256.65	1	3,897.56	1	3,538.48	1	3,179.39	1	2,820.30
1/4		1/4		1/4		1/4	4,967.34	1/4	4,608.26	1/4	4,249.17	1/4	3,890.08	1/4	3,530.99	1/4	3,171.90	1/4	2,812.82
1/2		1/2		1/2		1/2	4,959.86	1/2	4,600.78	1/2	4,241.69	1/2	3,882.60	1/2	3,523.51	1/2	3,164.42	1/2	2,805.34
3/4		3/4		3/4		3/4	4,952.38	3/4	4,593.30	3/4	4,234.21	3/4	3,875.12	3/4	3,516.03	3/4	3,156.94	3/4	2,797.86
2		2		2		2	4,944.90	2	4,585.82	2	4,226.72	2	3,867.64	2	3,508.55	2	3,149.46	2	2,790.38
1/4		1/4		1/4		1/4	4,937.42	1/4	4,578.33	1/4	4,219.24	1/4	3,860.16	1/4	3,501.07	1/4	3,141.98	1/4	2,782.89
1/2		1/2		1/2		1/2	4,929.94	1/2	4,570.85	1/2	4,211.76	1/2	3,852.68	1/2	3,493.59	1/2	3,134.50	1/2	2,775.41
3/4		3/4		3/4		3/4	4,922.46	3/4	4,563.37	3/4	4,204.28	3/4	3,845.20	3/4	3,486.11	3/4	3,127.02	3/4	2,767.93
3		3		3		3	4,914.98	3	4,555.89	3	4,196.80	3	3,837.72	3	3,478.63	3	3,119.54	3	2,760.45
1/4		1/4		1/4		1/4	4,907.50	1/4	4,548.41	1/4	4,189.32	1/4	3,830.23	1/4	3,471.14	1/4	3,112.06	1/4	2,752.97
1/2		1/2		1/2		1/2	4,900.02	1/2	4,540.93	1/2	4,181.84	1/2	3,822.75	1/2	3,463.66	1/2	3,104.58	1/2	2,745.49
3/4		3/4		3/4		3/4	4,892.54	3/4	4,533.45	3/4	4,174.36	3/4	3,815.27	3/4	3,456.18	3/4	3,097.10	3/4	2,738.01
4		4		4		4	4,885.06	4	4,525.97	4	4,166.88	4	3,807.79	4	3,448.70	4	3,089.62	4	2,730.53
1/4		1/4		1/4		1/4	4,877.57	1/4	4,518.48	1/4	4,159.40	1/4	3,800.31	1/4	3,441.22	1/4	3,082.13	1/4	2,723.04
1/2		1/2		1/2		1/2	4,870.09	1/2	4,511.00	1/2	4,151.92	1/2	3,792.83	1/2	3,433.74	1/2	3,074.65	1/2	2,715.56
3/4		3/4		3/4		3/4	4,862.61	3/4	4,503.52	3/4	4,144.44	3/4	3,785.35	3/4	3,426.26	3/4	3,067.17	3/4	2,708.08
5		5		5		5	4,855.13	5	4,496.04	5	4,136.96	5	3,777.87	5	3,418.78	5	3,059.69	5	2,700.60
1/4		1/4		1/4		1/4	4,847.65	1/4	4,488.56	1/4	4,129.47	1/4	3,770.38	1/4	3,411.30	1/4	3,052.21	1/4	2,693.12
1/2		1/2		1/2	5,116.95	1/2	4,840.17	1/2	4,481.08	1/2	4,121.99	1/2	3,762.90	1/2	3,403.82	1/2	3,044.73	1/2	2,685.64
3/4		3/4		3/4	5,116.11	3/4	4,832.69	3/4	4,473.60	3/4	4,114.51	3/4	3,755.42	3/4	3,396.34	3/4	3,037.25	3/4	2,678.16
6		6		6	5,115.27	6	4,825.21	6	4,466.12	6	4,107.03	6	3,747.94	6	3,388.86	6	3,029.77	6	2,670.68
1/4		1/4		1/4	5,114.42	1/4	4,817.72	1/4	4,458.64	1/4	4,099.55	1/4	3,740.46	1/4	3,381.37	1/4	3,022.28	1/4	2,663.20
1/2		1/2		1/2	5,113.58	1/2	4,810.24	1/2	4,451.16	1/2	4,092.07	1/2	3,732.98	1/2	3,373.89	1/2	3,014.80	1/2	2,655.72
3/4		3/4		3/4	5,111.55	3/4	4,802.76	3/4	4,443.68	3/4	4,084.59	3/4	3,725.50	3/4	3,366.41	3/4	3,007.32	3/4	2,648.24
7		7		7	5,109.51	7	4,795.28	7	4,436.20	7	4,077.11	7	3,718.02	7	3,358.93	7	2,999.84	7	2,640.76
1/4		1/4		1/4	5,107.48	1/4	4,787.80	1/4	4,428.71	1/4	4,069.62	1/4	3,710.54	1/4	3,351.45	1/4	2,992.36	1/4	2,633.27
1/2		1/2		1/2	5,105.44	1/2	4,780.32	1/2	4,421.23	1/2	4,062.14	1/2	3,703.06	1/2	3,343.97	1/2	2,984.88	1/2	2,625.79
3/4		3/4		3/4	5,102.04	3/4	4,772.84	3/4	4,413.75	3/4	4,054.66	3/4	3,695.58	3/4	3,336.49	3/4	2,977.40	3/4	2,618.31
8		8		8	5,098.64	8	4,765.36	8	4,406.27	8	4,047.18	8	3,688.10	8	3,329.01	8	2,969.92	8	2,610.83
1/4		1/4		1/4	5,095.24	1/4	4,757.88	1/4	4,398.79	1/4	4,039.70	1/4	3,680.61	1/4	3,321.52	1/4	2,962.44	1/4	2,603.35
1/2		1/2		1/2	5,091.84	1/2	4,750.40	1/2	4,391.31	1/2	4,032.22	1/2	3,673.13	1/2	3,314.04	1/2	2,954.96	1/2	2,595.87
3/4		3/4		3/4	5,087.08	3/4	4,742.92	3/4	4,383.83	3/4	4,024.74	3/4	3,665.65	3/4	3,306.56	3/4	2,947.48	3/4	2,588.39
9		9		9	5,082.32	9	4,735.44	9	4,376.35	9	4,017.26	9	3,658.17	9	3,299.08	9	2,940.00	9	2,580.91
1/4		1/4		1/4	5,077.55	1/4	4,727.95	1/4	4,368.86	1/4	4,009.78	1/4	3,650.69	1/4	3,291.60	1/4	2,932.51	1/4	2,573.42
1/2		1/2		1/2	5,072.79	1/2	4,720.47	1/2	4,361.38	1/2	4,002.30	1/2	3,643.21	1/2	3,284.12	1/2	2,925.03	1/2	2,565.94
3/4		3/4		3/4	5,066.67	3/4	4,712.99	3/4	4,353.90	3/4	3,994.82	3/4	3,635.73	3/4	3,276.64	3/4	2,917.55	3/4	2,558.46
10		10		10	5,060.54	10	4,705.51	10	4,346.42	10	3,987.34	10	3,628.25	10	3,269.16	10	2,910.07	10	2,550.98
1/4		1/4		1/4	5,054.42	1/4	4,698.03	1/4	4,338.94	1/4	3,979.85	1/4	3,620.76	1/4	3,261.68	1/4	2,902.59	1/4	2,543.50
1/2		1/2		1/2	5,048.29	1/2	4,690.55	1/2	4,331.46	1/2	3,972.37	1/2	3,613.28	1/2	3,254.20	1/2	2,895.11	1/2	2,536.02
3/4		3/4		3/4	5,041.15	3/4	4,683.07	3/4	4,323.98	3/4	3,964.89	3/4	3,605.80	3/4	3,246.72	3/4	2,887.63	3/4	2,528.54
11		11		11	5,034.00	11	4,675.59	11	4,316.50	11	3,957.41	11	3,598.32	11	3,239.24	11	2,880.15	11	2,521.06
1/4		1/4		1/4	5,026.86	1/4	4,668.10	1/4	4,309.02	1/4	3,949.93	1/4	3,590.84	1/4	3,231.75	1/4	2,872.66	1/4	2,513.58
1/2		1/2		1/2	5,019.71	1/2	4,660.62	1/2	4,301.54	1/2	3,942.45	1/2	3,583.36	1/2	3,224.27	1/2	2,865.18	1/2	2,506.10
3/4		3/4		3/4	5,012.23	3/4	4,653.14	3/4	4,294.06	3/4	3,934.97	3/4	3,575.88	3/4	3,216.79	3/4	2,857.70	3/4	2,498.62

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 WITH "HERMETIC" DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" 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 "KIRBY 30082"

2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3013"

GAUGE HEIGHT 16'-11 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	2,491.14	0	2,132.05	0	1,772.96	0	1,413.87	0	1,055.25	0	696.87	0	337.35	0		0		0	
1/4	2,483.65	1/4	2,124.56	1/4	1,765.48	1/4	1,406.39	1/4	1,047.79	1/4	689.38	1/4	329.86	1/4	1/4	1/4		1/4	
1/2	2,476.17	1/2	2,117.08	1/2	1,758.00	1/2	1,398.91	1/2	1,040.33	1/2	681.89	1/2	322.37	1/2	1/2	1/2		1/2	
3/4	2,468.69	3/4	2,109.60	3/4	1,750.52	3/4	1,391.43	3/4	1,032.87	3/4	674.40	3/4	314.88	3/4	3/4	3/4		3/4	
1	2,461.21	1	2,102.12	1	1,743.04	1	1,383.95	1	1,025.41	1	666.91	1	307.39	1	1	1		1	
1/4	2,453.73	1/4	2,094.64	1/4	1,735.55	1/4	1,376.46	1/4	1,017.95	1/4	659.42	1/4	299.90	1/4	1/4	1/4		1/4	
1/2	2,446.25	1/2	2,087.16	1/2	1,728.07	1/2	1,368.98	1/2	1,010.49	1/2	651.93	1/2	292.41	1/2	1/2	1/2		1/2	
3/4	2,438.77	3/4	2,079.68	3/4	1,720.59	3/4	1,361.50	3/4	1,003.03	3/4	644.44	3/4	284.92	3/4	3/4	3/4		3/4	
2	2,431.29	2	2,072.20	2	1,713.11	2	1,354.02	2	995.58	2	636.95	2	277.43	2	2	2		2	
1/4	2,423.80	1/4	2,064.72	1/4	1,705.63	1/4	1,346.54	1/4	988.12	1/4	629.46	1/4	269.94	1/4	1/4	1/4		1/4	
1/2	2,416.32	1/2	2,057.24	1/2	1,698.15	1/2	1,339.06	1/2	980.66	1/2	621.97	1/2	262.45	1/2	1/2	1/2		1/2	
3/4	2,408.84	3/4	2,049.76	3/4	1,690.67	3/4	1,331.58	3/4	973.20	3/4	614.48	3/4	254.96	3/4	3/4	3/4		3/4	
3	2,401.36	3	2,042.28	3	1,683.19	3	1,324.10	3	965.75	3	606.99	3	247.47	3	3	3		3	
1/4	2,393.88	1/4	2,034.79	1/4	1,675.70	1/4	1,316.62	1/4	958.29	1/4	599.50	1/4	239.98	1/4	1/4	1/4		1/4	
1/2	2,386.40	1/2	2,027.31	1/2	1,668.22	1/2	1,309.14	1/2	950.83	1/2	592.01	1/2	232.49	1/2	1/2	1/2		1/2	
3/4	2,378.92	3/4	2,019.83	3/4	1,660.74	3/4	1,301.66	3/4	943.37	3/4	584.52	3/4	225.00	3/4	3/4	3/4		3/4	
4	2,371.44	4	2,012.35	4	1,653.26	4	1,294.18	4	935.92	4	577.03	4	217.51	4	4	4		4	
1/4	2,363.96	1/4	2,004.87	1/4	1,645.78	1/4	1,286.69	1/4	928.46	1/4	569.54	1/4	210.02	1/4	1/4	1/4		1/4	
1/2	2,356.48	1/2	1,997.39	1/2	1,638.30	1/2	1,279.21	1/2	921.00	1/2	562.05	1/2	202.53	1/2	1/2	1/2		1/2	
3/4	2,349.00	3/4	1,989.91	3/4	1,630.82	3/4	1,271.73	3/4	913.54	3/4	554.56	3/4	195.04	3/4	3/4	3/4		3/4	
5	2,341.52	5	1,982.44	5	1,623.34	5	1,264.25	5	906.09	5	547.07	5	187.55	5	5	5		5	
1/4	2,334.03	1/4	1,974.96	1/4	1,615.86	1/4	1,256.77	1/4	898.63	1/4	539.58	1/4	180.06	1/4	1/4	1/4		1/4	
1/2	2,326.55	1/2	1,967.48	1/2	1,608.38	1/2	1,249.29	1/2	891.17	1/2	532.09	1/2	172.57	1/2	1/2	1/2		1/2	
3/4	2,319.07	3/4	1,960.00	3/4	1,600.90	3/4	1,241.81	3/4	883.71	3/4	524.60	3/4	165.08	3/4	3/4	3/4		3/4	
6	2,311.59	6	1,952.51	6	1,593.42	6	1,234.33	6	876.25	6	517.11	6	157.59	6	6	6		6	
1/4	2,304.11	1/4	1,945.03	1/4	1,585.93	1/4	1,226.84	1/4	868.79	1/4	509.62	1/4	150.10	1/4	1/4	1/4		1/4	
1/2	2,296.63	1/2	1,937.54	1/2	1,578.45	1/2	1,219.36	1/2	861.33	1/2	502.13	1/2	142.61	1/2	1/2	1/2		1/2	
3/4	2,289.15	3/4	1,930.06	3/4	1,570.97	3/4	1,211.89	3/4	853.87	3/4	494.64	3/4	135.12	3/4	3/4	3/4		3/4	
7	2,281.67	7	1,922.58	7	1,563.49	7	1,204.43	7	846.42	7	487.15	7	127.63	7	7	7		7	
1/4	2,274.18	1/4	1,915.10	1/4	1,556.01	1/4	1,196.96	1/4	838.96	1/4	479.66	1/4	120.14	1/4	1/4	1/4		1/4	
1/2	2,266.70	1/2	1,907.62	1/2	1,548.53	1/2	1,189.49	1/2	831.50	1/2	472.17	1/2	112.65	1/2	1/2	1/2		1/2	
3/4	2,259.22	3/4	1,900.14	3/4	1,541.05	3/4	1,182.03	3/4	824.04	3/4	464.68	3/4	105.16	3/4	3/4	3/4		3/4	
8	2,251.74	8	1,892.66	8	1,533.57	8	1,174.57	8	816.59	8	457.19	8	97.67	8	8	8		8	
1/4	2,244.26	1/4	1,885.17	1/4	1,526.08	1/4	1,167.11	1/4	809.13	1/4	449.70	1/4	90.18	1/4	1/4	1/4		1/4	
1/2	2,236.78	1/2	1,877.69	1/2	1,518.60	1/2	1,159.65	1/2	801.67	1/2	442.21	1/2	82.69	1/2	1/2	1/2		1/2	
3/4	2,229.30	3/4	1,870.21	3/4	1,511.12	3/4	1,152.19	3/4	794.20	3/4	434.72	3/4	76.05	3/4	3/4	3/4		3/4	
9	2,221.82	9	1,862.73	9	1,503.64	9	1,144.74	9	786.72	9	427.23	9	69.42	9	9	9		9	
1/4	2,214.34	1/4	1,855.25	1/4	1,496.16	1/4	1,137.28	1/4	779.25	1/4	419.74	1/4	62.78	1/4	1/4	1/4		1/4	
1/2	2,206.86	1/2	1,847.77	1/2	1,488.68	1/2	1,129.82	1/2	771.77	1/2	412.25	1/2	56.14	1/2	1/2	1/2		1/2	
3/4	2,199.38	3/4	1,840.29	3/4	1,481.20	3/4	1,122.36	3/4	764.28	3/4	404.76	3/4	50.70	3/4	3/4	3/4		3/4	
10	2,191.90	10	1,832.81	10	1,473.72	10	1,114.91	10	756.79	10	397.27	10	45.26	10	10	10		10	
1/4	2,184.41	1/4	1,825.32	1/4	1,466.24	1/4	1,107.45	1/4	749.30	1/4	389.78	1/4	39.81	1/4	1/4	1/4		1/4	
1/2	2,176.93	1/2	1,817.84	1/2	1,458.76	1/2	1,099.99	1/2	741.81	1/2	382.29	1/2	34.37	1/2	1/2	1/2		1/2	
3/4	2,169.45	3/4	1,810.36	3/4	1,451.28	3/4	1,092.53	3/4	734.32	3/4	374.80	3/4	30.29	3/4	3/4	3/4		3/4	
11	2,161.97	11	1,802.88	11	1,443.80	11	1,085.08	11	726.83	11	367.31	11	26.21	11	11	11		11	
1/4	2,154.49	1/4	1,795.40	1/4	1,436.31	1/4	1,077.62	1/4	719.34	1/4	359.82	1/4	22.13	1/4	1/4	1/4		1/4	
1/2	2,147.01	1/2	1,787.92	1/2	1,428.83	1/2	1,070.16	1/2	711.85	1/2	352.33	1/2	18.05	1/2	1/2	1/2		1/2	
3/4	2,139.53	3/4	1,780.44	3/4	1,421.35	3/4	1,062.70	3/4	704.36	3/4	344.84	3/4	18.05	3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2002 INS
RECALCULATED: 09/26/2022 SW
REPRINTED: 09/26/2022 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2022

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



BARGE "KIRBY 30082"

2 STBD ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3013"

GAUGE HEIGHT 16'-11 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		0	4,997.27	0	4,638.18	0	4,279.09	0	3,920.00	0	3,560.92	0	3,201.83	0	2,842.74
1/4		1/4		1/4		1/4	4,989.79	1/4	4,630.70	1/4	4,271.61	1/4	3,912.52	1/4	3,553.44	1/4	3,194.35	1/4	2,835.26
1/2		1/2		1/2		1/2	4,982.31	1/2	4,623.22	1/2	4,264.13	1/2	3,905.04	1/2	3,545.96	1/2	3,186.87	1/2	2,827.78
3/4		3/4		3/4		3/4	4,974.83	3/4	4,615.74	3/4	4,256.65	3/4	3,897.56	3/4	3,538.48	3/4	3,179.39	3/4	2,820.30
1		1		1		1	4,967.34	1	4,608.26	1	4,249.17	1	3,890.08	1	3,530.99	1	3,171.90	1	2,812.82
1/4		1/4		1/4		1/4	4,959.86	1/4	4,600.78	1/4	4,241.69	1/4	3,882.60	1/4	3,523.51	1/4	3,164.42	1/4	2,805.34
1/2		1/2		1/2		1/2	4,952.38	1/2	4,593.30	1/2	4,234.21	1/2	3,875.12	1/2	3,516.03	1/2	3,156.94	1/2	2,797.86
3/4		3/4		3/4		3/4	4,944.90	3/4	4,585.82	3/4	4,226.72	3/4	3,867.64	3/4	3,508.55	3/4	3,149.46	3/4	2,790.38
2		2		2		2	4,937.42	2	4,578.33	2	4,219.24	2	3,860.16	2	3,501.07	2	3,141.98	2	2,782.89
1/4		1/4		1/4		1/4	4,929.94	1/4	4,570.85	1/4	4,211.76	1/4	3,852.68	1/4	3,493.59	1/4	3,134.50	1/4	2,775.41
1/2		1/2		1/2		1/2	4,922.46	1/2	4,563.37	1/2	4,204.28	1/2	3,845.20	1/2	3,486.11	1/2	3,127.02	1/2	2,767.93
3/4		3/4		3/4		3/4	4,914.98	3/4	4,555.89	3/4	4,196.80	3/4	3,837.72	3/4	3,478.63	3/4	3,119.54	3/4	2,760.45
3		3		3		3	4,907.50	3	4,548.41	3	4,189.32	3	3,830.23	3	3,471.14	3	3,112.06	3	2,752.97
1/4		1/4		1/4		1/4	4,900.02	1/4	4,540.93	1/4	4,181.84	1/4	3,822.75	1/4	3,463.66	1/4	3,104.58	1/4	2,745.49
1/2		1/2		1/2		1/2	4,892.54	1/2	4,533.45	1/2	4,174.36	1/2	3,815.27	1/2	3,456.18	1/2	3,097.10	1/2	2,738.01
3/4		3/4		3/4		3/4	4,885.06	3/4	4,525.97	3/4	4,166.88	3/4	3,807.79	3/4	3,448.70	3/4	3,089.62	3/4	2,730.53
4		4		4		4	4,877.57	4	4,518.48	4	4,159.40	4	3,800.31	4	3,441.22	4	3,082.13	4	2,723.04
1/4		1/4		1/4		1/4	4,870.09	1/4	4,511.00	1/4	4,151.92	1/4	3,792.83	1/4	3,433.74	1/4	3,074.65	1/4	2,715.56
1/2		1/2		1/2		1/2	4,862.61	1/2	4,503.52	1/2	4,144.44	1/2	3,785.35	1/2	3,426.26	1/2	3,067.17	1/2	2,708.08
3/4		3/4		3/4		3/4	4,855.13	3/4	4,496.04	3/4	4,136.96	3/4	3,777.87	3/4	3,418.78	3/4	3,059.69	3/4	2,700.60
5		5		5		5	4,847.65	5	4,488.56	5	4,129.47	5	3,770.38	5	3,411.30	5	3,052.21	5	2,693.12
1/4		1/4		1/4	5,116.95	1/4	4,840.17	1/4	4,481.08	1/4	4,121.99	1/4	3,762.90	1/4	3,403.82	1/4	3,044.73	1/4	2,685.64
1/2		1/2		1/2	5,116.11	1/2	4,832.69	1/2	4,473.60	1/2	4,114.51	1/2	3,755.42	1/2	3,396.34	1/2	3,037.25	1/2	2,678.16
3/4		3/4		3/4	5,115.27	3/4	4,825.21	3/4	4,466.12	3/4	4,107.03	3/4	3,747.94	3/4	3,388.86	3/4	3,029.77	3/4	2,670.68
6		6		6	5,114.42	6	4,817.72	6	4,458.64	6	4,099.55	6	3,740.46	6	3,381.37	6	3,022.28	6	2,663.20
1/4		1/4		1/4	5,113.58	1/4	4,810.24	1/4	4,451.16	1/4	4,092.07	1/4	3,732.98	1/4	3,373.89	1/4	3,014.80	1/4	2,655.72
1/2		1/2		1/2	5,111.55	1/2	4,802.76	1/2	4,443.68	1/2	4,084.59	1/2	3,725.50	1/2	3,366.41	1/2	3,007.32	1/2	2,648.24
3/4		3/4		3/4	5,109.51	3/4	4,795.28	3/4	4,436.20	3/4	4,077.11	3/4	3,718.02	3/4	3,358.93	3/4	2,999.84	3/4	2,640.76
7		7		7	5,107.48	7	4,787.80	7	4,428.71	7	4,069.62	7	3,710.54	7	3,351.45	7	2,992.36	7	2,633.27
1/4		1/4		1/4	5,105.44	1/4	4,780.32	1/4	4,421.23	1/4	4,062.14	1/4	3,703.06	1/4	3,343.97	1/4	2,984.88	1/4	2,625.79
1/2		1/2		1/2	5,102.04	1/2	4,772.84	1/2	4,413.75	1/2	4,054.66	1/2	3,695.58	1/2	3,336.49	1/2	2,977.40	1/2	2,618.31
3/4		3/4		3/4	5,098.64	3/4	4,765.36	3/4	4,406.27	3/4	4,047.18	3/4	3,688.10	3/4	3,329.01	3/4	2,969.92	3/4	2,610.83
8		8		8	5,095.24	8	4,757.88	8	4,398.79	8	4,039.70	8	3,680.61	8	3,321.52	8	2,962.44	8	2,603.35
1/4		1/4		1/4	5,091.84	1/4	4,750.40	1/4	4,391.31	1/4	4,032.22	1/4	3,673.13	1/4	3,314.04	1/4	2,954.96	1/4	2,595.87
1/2		1/2		1/2	5,087.08	1/2	4,742.92	1/2	4,383.83	1/2	4,024.74	1/2	3,665.65	1/2	3,306.56	1/2	2,947.48	1/2	2,588.39
3/4		3/4		3/4	5,082.32	3/4	4,735.44	3/4	4,376.35	3/4	4,017.26	3/4	3,658.17	3/4	3,299.08	3/4	2,940.00	3/4	2,580.91
9		9		9	5,077.55	9	4,727.95	9	4,368.86	9	4,009.78	9	3,650.69	9	3,291.60	9	2,932.51	9	2,573.42
1/4		1/4		1/4	5,072.79	1/4	4,720.47	1/4	4,361.38	1/4	4,002.30	1/4	3,643.21	1/4	3,284.12	1/4	2,925.03	1/4	2,565.94
1/2		1/2		1/2	5,066.67	1/2	4,712.99	1/2	4,353.90	1/2	3,994.82	1/2	3,635.73	1/2	3,276.64	1/2	2,917.55	1/2	2,558.46
3/4		3/4		3/4	5,060.54	3/4	4,705.51	3/4	4,346.42	3/4	3,987.34	3/4	3,628.25	3/4	3,269.16	3/4	2,910.07	3/4	2,550.98
10		10		10	5,054.42	10	4,698.03	10	4,338.94	10	3,979.85	10	3,620.76	10	3,261.68	10	2,902.59	10	2,543.50
1/4		1/4		1/4	5,048.29	1/4	4,690.55	1/4	4,331.46	1/4	3,972.37	1/4	3,613.28	1/4	3,254.20	1/4	2,895.11	1/4	2,536.02
1/2		1/2		1/2	5,041.15	1/2	4,683.07	1/2	4,323.98	1/2	3,964.89	1/2	3,605.80	1/2	3,246.72	1/2	2,887.63	1/2	2,528.54
3/4		3/4		3/4	5,034.00	3/4	4,675.59	3/4	4,316.50	3/4	3,957.41	3/4	3,598.32	3/4	3,239.24	3/4	2,880.15	3/4	2,521.06
11		11		11	5,026.86	11	4,668.10	11	4,309.02	11	3,949.93	11	3,590.84	11	3,231.75	11	2,872.66	11	2,513.58
1/4		1/4		1/4	5,019.71	1/4	4,660.62	1/4	4,301.54	1/4	3,942.45	1/4	3,583.36	1/4	3,224.27	1/4	2,865.18	1/4	2,506.10
1/2		1/2		1/2	5,012.23	1/2	4,653.14	1/2	4,294.06	1/2	3,934.97	1/2	3,575.88	1/2	3,216.79	1/2	2,857.70	1/2	2,498.62
3/4		3/4		3/4	5,004.75	3/4	4,645.66	3/4	4,286.58	3/4	3,927.49	3/4	3,568.40	3/4	3,209.31	3/4	2,850.22	3/4	2,491.14

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 ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" 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 "KIRBY 30082"

2 STBD

ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3013"

GAUGE HEIGHT 16'-11 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	2,483.65	0	2,124.56	0	1,765.48	0	1,406.39	0	1,047.79	0	689.38	0	329.86	0		0		0	
1/4	2,476.17	1/4	2,117.08	1/4	1,758.00	1/4	1,398.91	1/4	1,040.33	1/4	681.89	1/4	322.37	1/4		1/4		1/4	
1/2	2,468.69	1/2	2,109.60	1/2	1,750.52	1/2	1,391.43	1/2	1,032.87	1/2	674.40	1/2	314.88	1/2		1/2		1/2	
3/4	2,461.21	3/4	2,102.12	3/4	1,743.04	3/4	1,383.95	3/4	1,025.41	3/4	666.91	3/4	307.39	3/4		3/4		3/4	
1	2,453.73	1	2,094.64	1	1,735.55	1	1,376.46	1	1,017.95	1	659.42	1	299.90	1		1		1	
1/4	2,446.25	1/4	2,087.16	1/4	1,728.07	1/4	1,368.98	1/4	1,010.49	1/4	651.93	1/4	292.41	1/4		1/4		1/4	
1/2	2,438.77	1/2	2,079.68	1/2	1,720.59	1/2	1,361.50	1/2	1,003.03	1/2	644.44	1/2	284.92	1/2		1/2		1/2	
3/4	2,431.29	3/4	2,072.20	3/4	1,713.11	3/4	1,354.02	3/4	995.58	3/4	636.95	3/4	277.43	3/4		3/4		3/4	
2	2,423.80	2	2,064.72	2	1,705.63	2	1,346.54	2	988.12	2	629.46	2	269.94	2		2		2	
1/4	2,416.32	1/4	2,057.24	1/4	1,698.15	1/4	1,339.06	1/4	980.66	1/4	621.97	1/4	262.45	1/4		1/4		1/4	
1/2	2,408.84	1/2	2,049.76	1/2	1,690.67	1/2	1,331.58	1/2	973.20	1/2	614.48	1/2	254.96	1/2		1/2		1/2	
3/4	2,401.36	3/4	2,042.28	3/4	1,683.19	3/4	1,324.10	3/4	965.75	3/4	606.99	3/4	247.47	3/4		3/4		3/4	
3	2,393.88	3	2,034.79	3	1,675.70	3	1,316.62	3	958.29	3	599.50	3	239.98	3		3		3	
1/4	2,386.40	1/4	2,027.31	1/4	1,668.22	1/4	1,309.14	1/4	950.83	1/4	592.01	1/4	232.49	1/4		1/4		1/4	
1/2	2,378.92	1/2	2,019.83	1/2	1,660.74	1/2	1,301.66	1/2	943.37	1/2	584.52	1/2	225.00	1/2		1/2		1/2	
3/4	2,371.44	3/4	2,012.35	3/4	1,653.26	3/4	1,294.18	3/4	935.92	3/4	577.03	3/4	217.51	3/4		3/4		3/4	
4	2,363.96	4	2,004.87	4	1,645.78	4	1,286.69	4	928.46	4	569.54	4	210.02	4		4		4	
1/4	2,356.48	1/4	1,997.39	1/4	1,638.30	1/4	1,279.21	1/4	921.00	1/4	562.05	1/4	202.53	1/4		1/4		1/4	
1/2	2,349.00	1/2	1,989.91	1/2	1,630.82	1/2	1,271.73	1/2	913.54	1/2	554.56	1/2	195.04	1/2		1/2		1/2	
3/4	2,341.52	3/4	1,982.44	3/4	1,623.34	3/4	1,264.25	3/4	906.09	3/4	547.07	3/4	187.55	3/4		3/4		3/4	
5	2,334.03	5	1,974.96	5	1,615.86	5	1,256.77	5	898.63	5	539.58	5	180.06	5		5		5	
1/4	2,326.55	1/4	1,967.48	1/4	1,608.38	1/4	1,249.29	1/4	891.17	1/4	532.09	1/4	172.57	1/4		1/4		1/4	
1/2	2,319.07	1/2	1,960.00	1/2	1,600.90	1/2	1,241.81	1/2	883.71	1/2	524.60	1/2	165.08	1/2		1/2		1/2	
3/4	2,311.59	3/4	1,952.51	3/4	1,593.42	3/4	1,234.33	3/4	876.25	3/4	517.11	3/4	157.59	3/4		3/4		3/4	
6	2,304.11	6	1,945.03	6	1,585.93	6	1,226.84	6	868.79	6	509.62	6	150.10	6		6		6	
1/4	2,296.63	1/4	1,937.54	1/4	1,578.45	1/4	1,219.36	1/4	861.33	1/4	502.13	1/4	142.61	1/4		1/4		1/4	
1/2	2,289.15	1/2	1,930.06	1/2	1,570.97	1/2	1,211.89	1/2	853.87	1/2	494.64	1/2	135.12	1/2		1/2		1/2	
3/4	2,281.67	3/4	1,922.58	3/4	1,563.49	3/4	1,204.43	3/4	846.42	3/4	487.15	3/4	127.63	3/4		3/4		3/4	
7	2,274.18	7	1,915.10	7	1,556.01	7	1,196.96	7	838.96	7	479.66	7	120.14	7		7		7	
1/4	2,266.70	1/4	1,907.62	1/4	1,548.53	1/4	1,189.49	1/4	831.50	1/4	472.17	1/4	112.65	1/4		1/4		1/4	
1/2	2,259.22	1/2	1,900.14	1/2	1,541.05	1/2	1,182.03	1/2	824.04	1/2	464.68	1/2	105.16	1/2		1/2		1/2	
3/4	2,251.74	3/4	1,892.66	3/4	1,533.57	3/4	1,174.57	3/4	816.59	3/4	457.19	3/4	97.67	3/4		3/4		3/4	
8	2,244.26	8	1,885.17	8	1,526.08	8	1,167.11	8	809.13	8	449.70	8	90.18	8		8		8	
1/4	2,236.78	1/4	1,877.69	1/4	1,518.60	1/4	1,159.65	1/4	801.67	1/4	442.21	1/4	82.69	1/4		1/4		1/4	
1/2	2,229.30	1/2	1,870.21	1/2	1,511.12	1/2	1,152.19	1/2	794.20	1/2	434.72	1/2	75.20	1/2		1/2		1/2	
3/4	2,221.82	3/4	1,862.73	3/4	1,503.64	3/4	1,144.74	3/4	786.72	3/4	427.23	3/4	67.71	3/4		3/4		3/4	
9	2,214.34	9	1,855.25	9	1,496.16	9	1,137.28	9	779.25	9	419.74	9	60.22	9		9		9	
1/4	2,206.86	1/4	1,847.77	1/4	1,488.68	1/4	1,129.82	1/4	771.77	1/4	412.25	1/4	52.73	1/4		1/4		1/4	
1/2	2,199.38	1/2	1,840.29	1/2	1,481.20	1/2	1,122.36	1/2	764.28	1/2	404.76	1/2	45.24	1/2		1/2		1/2	
3/4	2,191.90	3/4	1,832.81	3/4	1,473.72	3/4	1,114.91	3/4	756.79	3/4	397.27	3/4	37.75	3/4		3/4		3/4	
10	2,184.41	10	1,825.32	10	1,466.24	10	1,107.45	10	749.30	10	389.78	10	30.26	10		10		10	
1/4	2,176.93	1/4	1,817.84	1/4	1,458.76	1/4	1,099.99	1/4	741.81	1/4	382.29	1/4	22.77	1/4		1/4		1/4	
1/2	2,169.45	1/2	1,810.36	1/2	1,451.28	1/2	1,092.53	1/2	734.32	1/2	374.80	1/2	15.28	1/2		1/2		1/2	
3/4	2,161.97	3/4	1,802.88	3/4	1,443.80	3/4	1,085.08	3/4	726.83	3/4	367.31	3/4	7.79	3/4		3/4		3/4	
11	2,154.49	11	1,795.40	11	1,436.31	11	1,077.62	11	719.34	11	359.82	11	20.30	11		11		11	
1/4	2,147.01	1/4	1,787.92	1/4	1,428.83	1/4	1,070.16	1/4	711.85	1/4	352.33	1/4	12.81	1/4		1/4		1/4	
1/2	2,139.53	1/2	1,780.44	1/2	1,421.35	1/2	1,062.70	1/2	704.36	1/2	344.84	1/2	5.32	1/2		1/2		1/2	
3/4	2,132.05	3/4	1,772.96	3/4	1,413.87	3/4	1,055.25	3/4	696.87	3/4	337.35	3/4	0	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2002 INS
RECALCULATED: 09/26/2022 SW
REPRINTED: 09/26/2022 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2022

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



BARGE "KIRBY 30082"

3 PORT
ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 16'-11"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3013"

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		0	4,449.00	0	4,214.28	0	3,979.56	0	3,744.84	0	3,510.12	0	3,180.95	0	2,823.40
1/4		1/4		1/4		1/4	4,444.11	1/4	4,209.39	1/4	3,974.67	1/4	3,739.95	1/4	3,504.95	1/4	3,173.50	1/4	2,815.95
1/2		1/2		1/2		1/2	4,439.22	1/2	4,204.50	1/2	3,969.78	1/2	3,735.06	1/2	3,499.77	1/2	3,166.06	1/2	2,808.50
3/4		3/4		3/4		3/4	4,434.33	3/4	4,199.61	3/4	3,964.89	3/4	3,730.17	3/4	3,494.60	3/4	3,158.61	3/4	2,801.05
1		1		1		1	4,429.44	1	4,194.72	1	3,960.00	1	3,725.28	1	3,489.42	1	3,151.16	1	2,793.60
1/4		1/4		1/4		1/4	4,424.55	1/4	4,189.83	1/4	3,955.11	1/4	3,720.39	1/4	3,483.84	1/4	3,143.71	1/4	2,786.15
1/2		1/2		1/2		1/2	4,419.66	1/2	4,184.94	1/2	3,950.22	1/2	3,715.50	1/2	3,478.26	1/2	3,136.26	1/2	2,778.71
3/4		3/4		3/4		3/4	4,414.77	3/4	4,180.05	3/4	3,945.33	3/4	3,710.61	3/4	3,472.68	3/4	3,128.81	3/4	2,771.26
2		2		2		2	4,409.88	2	4,175.16	2	3,940.44	2	3,705.72	2	3,467.10	2	3,121.36	2	2,763.81
1/4		1/4		1/4		1/4	4,404.99	1/4	4,170.27	1/4	3,935.55	1/4	3,700.83	1/4	3,461.05	1/4	3,113.91	1/4	2,756.36
1/2		1/2		1/2		1/2	4,400.10	1/2	4,165.38	1/2	3,930.66	1/2	3,695.94	1/2	3,455.01	1/2	3,106.46	1/2	2,748.91
3/4		3/4		3/4		3/4	4,395.21	3/4	4,160.49	3/4	3,925.77	3/4	3,691.05	3/4	3,448.96	3/4	3,099.01	3/4	2,741.46
3		3		3		3	4,390.32	3	4,155.60	3	3,920.88	3	3,686.16	3	3,442.91	3	3,091.56	3	2,734.01
1/4		1/4		1/4		1/4	4,385.43	1/4	4,150.71	1/4	3,915.99	1/4	3,681.27	1/4	3,436.40	1/4	3,084.11	1/4	2,726.56
1/2		1/2		1/2		1/2	4,380.54	1/2	4,145.82	1/2	3,911.10	1/2	3,676.38	1/2	3,429.89	1/2	3,076.67	1/2	2,719.12
3/4		3/4		3/4		3/4	4,375.65	3/4	4,140.93	3/4	3,906.21	3/4	3,671.49	3/4	3,423.37	3/4	3,069.22	3/4	2,711.67
4		4		4		4	4,370.76	4	4,136.04	4	3,901.32	4	3,666.60	4	3,416.86	4	3,061.77	4	2,704.22
1/4		1/4		1/4		1/4	4,365.87	1/4	4,131.15	1/4	3,896.43	1/4	3,661.71	1/4	3,409.90	1/4	3,054.32	1/4	2,696.77
1/2		1/2		1/2		1/2	4,360.98	1/2	4,126.26	1/2	3,891.54	1/2	3,656.82	1/2	3,402.93	1/2	3,046.87	1/2	2,689.32
3/4		3/4		3/4		3/4	4,356.09	3/4	4,121.37	3/4	3,886.65	3/4	3,651.93	3/4	3,395.97	3/4	3,039.42	3/4	2,681.87
5		5		5	4,532.05	5	4,351.20	5	4,116.48	5	3,881.76	5	3,647.04	5	3,389.00	5	3,031.97	5	2,674.42
1/4		1/4		1/4	4,531.50	1/4	4,346.31	1/4	4,111.59	1/4	3,876.87	1/4	3,642.15	1/4	3,381.68	1/4	3,024.52	1/4	2,666.97
1/2		1/2		1/2	4,530.96	1/2	4,341.42	1/2	4,106.70	1/2	3,871.98	1/2	3,637.26	1/2	3,374.37	1/2	3,017.08	1/2	2,659.52
3/4		3/4		3/4	4,530.41	3/4	4,336.53	3/4	4,101.81	3/4	3,867.09	3/4	3,632.37	3/4	3,367.05	3/4	3,009.63	3/4	2,652.07
6		6		6	4,529.86	6	4,331.64	6	4,096.92	6	3,862.20	6	3,627.48	6	3,359.73	6	3,002.18	6	2,644.62
1/4		1/4		1/4	4,528.53	1/4	4,326.75	1/4	4,092.03	1/4	3,857.31	1/4	3,622.59	1/4	3,352.28	1/4	2,994.73	1/4	2,637.17
1/2		1/2		1/2	4,527.21	1/2	4,321.86	1/2	4,087.14	1/2	3,852.42	1/2	3,617.70	1/2	3,344.83	1/2	2,987.28	1/2	2,629.73
3/4		3/4		3/4	4,525.88	3/4	4,316.97	3/4	4,082.25	3/4	3,847.53	3/4	3,612.81	3/4	3,337.38	3/4	2,979.83	3/4	2,622.28
7		7		7	4,524.55	7	4,312.08	7	4,077.36	7	3,842.64	7	3,607.92	7	3,329.93	7	2,972.38	7	2,614.83
1/4		1/4		1/4	4,522.33	1/4	4,307.19	1/4	4,072.47	1/4	3,837.75	1/4	3,603.03	1/4	3,322.48	1/4	2,964.93	1/4	2,607.38
1/2		1/2		1/2	4,520.12	1/2	4,302.30	1/2	4,067.58	1/2	3,832.86	1/2	3,598.14	1/2	3,315.04	1/2	2,957.48	1/2	2,599.93
3/4		3/4		3/4	4,517.90	3/4	4,297.41	3/4	4,062.69	3/4	3,827.97	3/4	3,593.25	3/4	3,307.59	3/4	2,950.03	3/4	2,592.48
8		8		8	4,515.68	8	4,292.52	8	4,057.80	8	3,823.08	8	3,588.36	8	3,300.14	8	2,942.58	8	2,585.03
1/4		1/4		1/4	4,512.57	1/4	4,287.63	1/4	4,052.91	1/4	3,818.19	1/4	3,583.47	1/4	3,292.69	1/4	2,935.13	1/4	2,577.58
1/2		1/2		1/2	4,509.46	1/2	4,282.74	1/2	4,048.02	1/2	3,813.30	1/2	3,578.58	1/2	3,285.24	1/2	2,927.69	1/2	2,570.14
3/4		3/4		3/4	4,506.35	3/4	4,277.85	3/4	4,043.13	3/4	3,808.41	3/4	3,573.69	3/4	3,277.79	3/4	2,920.24	3/4	2,562.69
9		9		9	4,503.24	9	4,272.96	9	4,038.24	9	3,803.52	9	3,568.80	9	3,270.34	9	2,912.79	9	2,555.24
1/4		1/4		1/4	4,499.24	1/4	4,268.07	1/4	4,033.35	1/4	3,798.63	1/4	3,563.91	1/4	3,262.89	1/4	2,905.34	1/4	2,547.79
1/2		1/2		1/2	4,495.24	1/2	4,263.18	1/2	4,028.46	1/2	3,793.74	1/2	3,559.02	1/2	3,255.44	1/2	2,897.89	1/2	2,540.34
3/4		3/4		3/4	4,491.23	3/4	4,258.29	3/4	4,023.57	3/4	3,788.85	3/4	3,554.13	3/4	3,247.99	3/4	2,890.44	3/4	2,532.89
10		10		10	4,487.23	10	4,253.40	10	4,018.68	10	3,783.96	10	3,549.24	10	3,240.54	10	2,882.99	10	2,525.44
1/4		1/4		1/4	4,482.56	1/4	4,248.51	1/4	4,013.79	1/4	3,779.07	1/4	3,544.35	1/4	3,233.09	1/4	2,875.54	1/4	2,517.99
1/2		1/2		1/2	4,477.90	1/2	4,243.62	1/2	4,008.90	1/2	3,774.18	1/2	3,539.46	1/2	3,225.65	1/2	2,868.10	1/2	2,510.54
3/4		3/4		3/4	4,473.23	3/4	4,238.73	3/4	4,004.01	3/4	3,769.29	3/4	3,534.57	3/4	3,218.20	3/4	2,860.65	3/4	2,503.09
11		11		11	4,468.56	11	4,233.84	11	3,999.12	11	3,764.40	11	3,529.68	11	3,210.75	11	2,853.20	11	2,495.64
1/4		1/4		1/4	4,463.67	1/4	4,228.95	1/4	3,994.23	1/4	3,759.51	1/4	3,524.79	1/4	3,203.30	1/4	2,845.75	1/4	2,488.19
1/2		1/2		1/2	4,458.78	1/2	4,224.06	1/2	3,989.34	1/2	3,754.62	1/2	3,519.90	1/2	3,195.85	1/2	2,838.30	1/2	2,480.75
3/4		3/4		3/4	4,453.89	3/4	4,219.17	3/4	3,984.45	3/4	3,749.73	3/4	3,515.01	3/4	3,188.40	3/4	2,830.85	3/4	2,473.30

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 WITH "HERMETIC" DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" 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 "KIRBY 30082"

3 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 16'-11"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3013"

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	2,465.85	0	2,108.30	0	1,750.74	0	1,393.19	0	1,035.64	0	678.09	0	320.54	0		0		0	
1/4	2,458.40	1/4	2,100.85	1/4	1,743.29	1/4	1,385.74	1/4	1,028.19	1/4	670.64	1/4	313.09	1/4	1/4	1/4		1/4	1/4
1/2	2,450.95	1/2	2,093.40	1/2	1,735.85	1/2	1,378.30	1/2	1,020.74	1/2	663.19	1/2	305.64	1/2	1/2	1/2		1/2	1/2
3/4	2,443.50	3/4	2,085.95	3/4	1,728.40	3/4	1,370.85	3/4	1,013.29	3/4	655.74	3/4	298.19	3/4	3/4	3/4		3/4	3/4
1	2,436.05	1	2,078.50	1	1,720.95	1	1,363.40	1	1,005.84	1	648.29	1	290.74	1	1	1		1	1
1/4	2,428.60	1/4	2,071.05	1/4	1,713.50	1/4	1,355.95	1/4	998.39	1/4	640.84	1/4	283.29	1/4	1/4	1/4		1/4	1/4
1/2	2,421.16	1/2	2,063.60	1/2	1,706.05	1/2	1,348.50	1/2	990.94	1/2	633.39	1/2	275.84	1/2	1/2	1/2		1/2	1/2
3/4	2,413.71	3/4	2,056.15	3/4	1,698.60	3/4	1,341.05	3/4	983.50	3/4	625.95	3/4	268.39	3/4	3/4	3/4		3/4	3/4
2	2,406.26	2	2,048.70	2	1,691.15	2	1,333.60	2	976.05	2	618.50	2	260.94	2	2	2		2	2
1/4	2,398.81	1/4	2,041.25	1/4	1,683.70	1/4	1,326.15	1/4	968.60	1/4	611.05	1/4	253.49	1/4	1/4	1/4		1/4	1/4
1/2	2,391.36	1/2	2,033.81	1/2	1,676.26	1/2	1,318.70	1/2	961.15	1/2	603.60	1/2	246.04	1/2	1/2	1/2		1/2	1/2
3/4	2,383.91	3/4	2,026.36	3/4	1,668.81	3/4	1,311.25	3/4	953.70	3/4	596.15	3/4	238.60	3/4	3/4	3/4		3/4	3/4
3	2,376.46	3	2,018.91	3	1,661.36	3	1,303.80	3	946.25	3	588.70	3	231.15	3	3	3		3	3
1/4	2,369.01	1/4	2,011.46	1/4	1,653.94	1/4	1,296.35	1/4	938.80	1/4	581.25	1/4	223.70	1/4	1/4	1/4		1/4	1/4
1/2	2,361.56	1/2	2,004.01	1/2	1,646.51	1/2	1,288.91	1/2	931.35	1/2	573.80	1/2	216.25	1/2	1/2	1/2		1/2	1/2
3/4	2,354.11	3/4	1,996.56	3/4	1,639.09	3/4	1,281.46	3/4	923.91	3/4	566.35	3/4	208.80	3/4	3/4	3/4		3/4	3/4
4	2,346.66	4	1,989.11	4	1,631.66	4	1,274.01	4	916.46	4	558.90	4	201.35	4	4	4		4	4
1/4	2,339.21	1/4	1,981.66	1/4	1,624.19	1/4	1,266.56	1/4	909.01	1/4	551.45	1/4	193.90	1/4	1/4	1/4		1/4	1/4
1/2	2,331.77	1/2	1,974.22	1/2	1,616.71	1/2	1,259.11	1/2	901.56	1/2	544.00	1/2	186.45	1/2	1/2	1/2		1/2	1/2
3/4	2,324.32	3/4	1,966.77	3/4	1,609.24	3/4	1,251.66	3/4	894.11	3/4	536.56	3/4	179.01	3/4	3/4	3/4		3/4	3/4
5	2,316.87	5	1,959.32	5	1,601.76	5	1,244.21	5	886.66	5	529.11	5	171.56	5	5	5		5	5
1/4	2,309.42	1/4	1,951.87	1/4	1,594.31	1/4	1,236.76	1/4	879.21	1/4	521.66	1/4	164.11	1/4	1/4	1/4		1/4	1/4
1/2	2,301.97	1/2	1,944.42	1/2	1,586.87	1/2	1,229.32	1/2	871.76	1/2	514.21	1/2	156.66	1/2	1/2	1/2		1/2	1/2
3/4	2,294.52	3/4	1,936.97	3/4	1,579.42	3/4	1,221.87	3/4	864.31	3/4	506.76	3/4	149.21	3/4	3/4	3/4		3/4	3/4
6	2,287.07	6	1,929.52	6	1,571.97	6	1,214.42	6	856.86	6	499.31	6	141.76	6	6	6		6	6
1/4	2,279.62	1/4	1,922.07	1/4	1,564.52	1/4	1,206.97	1/4	849.41	1/4	491.86	1/4	134.31	1/4	1/4	1/4		1/4	1/4
1/2	2,272.18	1/2	1,914.62	1/2	1,557.07	1/2	1,199.52	1/2	841.96	1/2	484.41	1/2	126.86	1/2	1/2	1/2		1/2	1/2
3/4	2,264.73	3/4	1,907.17	3/4	1,549.62	3/4	1,192.07	3/4	834.52	3/4	476.97	3/4	119.41	3/4	3/4	3/4		3/4	3/4
7	2,257.28	7	1,899.72	7	1,542.17	7	1,184.62	7	827.07	7	469.52	7	111.96	7	7	7		7	7
1/4	2,249.83	1/4	1,892.27	1/4	1,534.72	1/4	1,177.17	1/4	819.62	1/4	462.07	1/4	104.51	1/4	1/4	1/4		1/4	1/4
1/2	2,242.38	1/2	1,884.83	1/2	1,527.28	1/2	1,169.72	1/2	812.17	1/2	454.62	1/2	97.06	1/2	1/2	1/2		1/2	1/2
3/4	2,234.93	3/4	1,877.38	3/4	1,519.83	3/4	1,162.27	3/4	804.72	3/4	447.17	3/4	89.62	3/4	3/4	3/4		3/4	3/4
8	2,227.48	8	1,869.93	8	1,512.38	8	1,154.82	8	797.27	8	439.72	8	82.17	8	8	8		8	8
1/4	2,220.03	1/4	1,862.48	1/4	1,504.93	1/4	1,147.37	1/4	789.82	1/4	432.27	1/4	75.57	1/4	1/4	1/4		1/4	1/4
1/2	2,212.58	1/2	1,855.03	1/2	1,497.48	1/2	1,139.93	1/2	782.37	1/2	424.82	1/2	68.98	1/2	1/2	1/2		1/2	1/2
3/4	2,205.13	3/4	1,847.58	3/4	1,490.03	3/4	1,132.48	3/4	774.93	3/4	417.37	3/4	62.38	3/4	3/4	3/4		3/4	3/4
9	2,197.68	9	1,840.13	9	1,482.58	9	1,125.03	9	767.48	9	409.92	9	55.79	9	9	9		9	9
1/4	2,190.23	1/4	1,832.68	1/4	1,475.13	1/4	1,117.58	1/4	760.03	1/4	402.47	1/4	50.38	1/4	1/4	1/4		1/4	1/4
1/2	2,182.79	1/2	1,825.24	1/2	1,467.68	1/2	1,110.13	1/2	752.58	1/2	395.02	1/2	44.97	1/2	1/2	1/2		1/2	1/2
3/4	2,175.34	3/4	1,817.79	3/4	1,460.23	3/4	1,102.68	3/4	745.13	3/4	387.58	3/4	39.56	3/4	3/4	3/4		3/4	3/4
10	2,167.89	10	1,810.34	10	1,452.78	10	1,095.23	10	737.68	10	380.13	10	34.15	10	10	10		10	10
1/4	2,160.44	1/4	1,802.89	1/4	1,445.33	1/4	1,087.78	1/4	730.23	1/4	372.68	1/4	30.10	1/4	1/4	1/4		1/4	1/4
1/2	2,152.99	1/2	1,795.44	1/2	1,437.89	1/2	1,080.34	1/2	722.78	1/2	365.23	1/2	26.05	1/2	1/2	1/2		1/2	1/2
3/4	2,145.54	3/4	1,787.99	3/4	1,430.44	3/4	1,072.89	3/4	715.33	3/4	357.78	3/4	22.00	3/4	3/4	3/4		3/4	3/4
11	2,138.09	11	1,780.54	11	1,422.99	11	1,065.44	11	707.88	11	350.33	11	17.95	11	11	11		11	11
1/4	2,130.64	1/4	1,773.09	1/4	1,415.54	1/4	1,057.99	1/4	700.43	1/4	342.88	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,123.20	1/2	1,765.64	1/2	1,408.09	1/2	1,050.54	1/2	692.98	1/2	335.43	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,115.75	3/4	1,758.19	3/4	1,400.64	3/4	1,043.09	3/4	685.54	3/4	327.99	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2002 INS
RECALCULATED: 09/26/2022 SW
REPRINTED: 09/26/2022 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2022

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



BARGE "KIRBY 30082"

3 STBD ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3013"

GAUGE HEIGHT 16'-11 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		0		0		0	4,458.78	0	4,224.06	0	3,989.34	0	3,754.62	0	3,519.90	0	3,195.85	0	2,838.30
1/4		1/4		1/4		1/4	4,453.89	1/4	4,219.17	1/4	3,984.45	1/4	3,749.73	1/4	3,515.01	1/4	3,188.40	1/4	2,830.85
1/2		1/2		1/2		1/2	4,449.00	1/2	4,214.28	1/2	3,979.56	1/2	3,744.84	1/2	3,510.12	1/2	3,180.95	1/2	2,823.40
3/4		3/4		3/4		3/4	4,444.11	3/4	4,209.39	3/4	3,974.67	3/4	3,739.95	3/4	3,504.95	3/4	3,173.50	3/4	2,815.95
1		1		1		1	4,439.22	1	4,204.50	1	3,969.78	1	3,735.06	1	3,499.77	1	3,166.06	1	2,808.50
1/4		1/4		1/4		1/4	4,434.33	1/4	4,199.61	1/4	3,964.89	1/4	3,730.17	1/4	3,494.60	1/4	3,158.61	1/4	2,801.05
1/2		1/2		1/2		1/2	4,429.44	1/2	4,194.72	1/2	3,960.00	1/2	3,725.28	1/2	3,489.42	1/2	3,151.16	1/2	2,793.60
3/4		3/4		3/4		3/4	4,424.55	3/4	4,189.83	3/4	3,955.11	3/4	3,720.39	3/4	3,483.84	3/4	3,143.71	3/4	2,786.15
2		2		2		2	4,419.66	2	4,184.94	2	3,950.22	2	3,715.50	2	3,478.26	2	3,136.26	2	2,778.71
1/4		1/4		1/4		1/4	4,414.77	1/4	4,180.05	1/4	3,945.33	1/4	3,710.61	1/4	3,472.68	1/4	3,128.81	1/4	2,771.26
1/2		1/2		1/2		1/2	4,409.88	1/2	4,175.16	1/2	3,940.44	1/2	3,705.72	1/2	3,467.10	1/2	3,121.36	1/2	2,763.81
3/4		3/4		3/4		3/4	4,404.99	3/4	4,170.27	3/4	3,935.55	3/4	3,700.83	3/4	3,461.05	3/4	3,113.91	3/4	2,756.36
3		3		3		3	4,400.10	3	4,165.38	3	3,930.66	3	3,695.94	3	3,455.01	3	3,106.46	3	2,748.91
1/4		1/4		1/4		1/4	4,395.21	1/4	4,160.49	1/4	3,925.77	1/4	3,691.05	1/4	3,448.96	1/4	3,099.01	1/4	2,741.46
1/2		1/2		1/2		1/2	4,390.32	1/2	4,155.60	1/2	3,920.88	1/2	3,686.16	1/2	3,442.91	1/2	3,091.56	1/2	2,734.01
3/4		3/4		3/4		3/4	4,385.43	3/4	4,150.71	3/4	3,915.99	3/4	3,681.27	3/4	3,436.40	3/4	3,084.11	3/4	2,726.56
4		4		4		4	4,380.54	4	4,145.82	4	3,911.10	4	3,676.38	4	3,429.89	4	3,076.67	4	2,719.12
1/4		1/4		1/4		1/4	4,375.65	1/4	4,140.93	1/4	3,906.21	1/4	3,671.49	1/4	3,423.37	1/4	3,069.22	1/4	2,711.67
1/2		1/2		1/2		1/2	4,370.76	1/2	4,136.04	1/2	3,901.32	1/2	3,666.60	1/2	3,416.86	1/2	3,061.77	1/2	2,704.22
3/4		3/4		3/4		3/4	4,365.87	3/4	4,131.15	3/4	3,896.43	3/4	3,661.71	3/4	3,409.90	3/4	3,054.32	3/4	2,696.77
5		5		5		5	4,360.98	5	4,126.26	5	3,891.54	5	3,656.82	5	3,402.93	5	3,046.87	5	2,689.32
1/4		1/4		1/4		1/4	4,356.09	1/4	4,121.37	1/4	3,886.65	1/4	3,651.93	1/4	3,395.97	1/4	3,039.42	1/4	2,681.87
1/2		1/2		1/2		1/2	4,532.05	1/2	4,351.20	1/2	4,116.48	1/2	3,881.76	1/2	3,647.04	1/2	3,389.00	1/2	3,031.97
3/4		3/4		3/4		3/4	4,531.50	3/4	4,346.31	3/4	4,111.59	3/4	3,876.87	3/4	3,642.15	3/4	3,381.68	3/4	3,024.52
6		6		6		6	4,530.96	6	4,341.42	6	4,106.70	6	3,871.98	6	3,637.26	6	3,374.37	6	3,017.08
1/4		1/4		1/4		1/4	4,530.41	1/4	4,336.53	1/4	4,101.81	1/4	3,867.09	1/4	3,632.37	1/4	3,367.05	1/4	3,009.63
1/2		1/2		1/2		1/2	4,529.86	1/2	4,331.64	1/2	4,096.92	1/2	3,862.20	1/2	3,627.48	1/2	3,359.73	1/2	3,002.18
3/4		3/4		3/4		3/4	4,528.53	3/4	4,326.75	3/4	4,092.03	3/4	3,857.31	3/4	3,622.59	3/4	3,352.28	3/4	2,994.73
7		7		7		7	4,527.21	7	4,321.86	7	4,087.14	7	3,852.42	7	3,617.70	7	3,344.83	7	2,987.28
1/4		1/4		1/4		1/4	4,525.88	1/4	4,316.97	1/4	4,082.25	1/4	3,847.53	1/4	3,612.81	1/4	3,337.38	1/4	2,979.83
1/2		1/2		1/2		1/2	4,524.55	1/2	4,312.08	1/2	4,077.36	1/2	3,842.64	1/2	3,607.92	1/2	3,329.93	1/2	2,972.38
3/4		3/4		3/4		3/4	4,522.33	3/4	4,307.19	3/4	4,072.47	3/4	3,837.75	3/4	3,603.03	3/4	3,322.48	3/4	2,964.93
8		8		8		8	4,520.12	8	4,302.30	8	4,067.58	8	3,832.86	8	3,598.14	8	3,315.04	8	2,957.48
1/4		1/4		1/4		1/4	4,517.90	1/4	4,297.41	1/4	4,062.69	1/4	3,827.97	1/4	3,593.25	1/4	3,307.59	1/4	2,950.03
1/2		1/2		1/2		1/2	4,515.68	1/2	4,292.52	1/2	4,057.80	1/2	3,823.08	1/2	3,588.36	1/2	3,300.14	1/2	2,942.58
3/4		3/4		3/4		3/4	4,512.57	3/4	4,287.63	3/4	4,052.91	3/4	3,818.19	3/4	3,583.47	3/4	3,292.69	3/4	2,935.13
9		9		9		9	4,509.46	9	4,282.74	9	4,048.02	9	3,813.30	9	3,578.58	9	3,285.24	9	2,927.69
1/4		1/4		1/4		1/4	4,506.35	1/4	4,277.85	1/4	4,043.13	1/4	3,808.41	1/4	3,573.69	1/4	3,277.79	1/4	2,920.24
1/2		1/2		1/2		1/2	4,503.24	1/2	4,272.96	1/2	4,038.24	1/2	3,803.52	1/2	3,568.80	1/2	3,270.34	1/2	2,912.79
3/4		3/4		3/4		3/4	4,499.24	3/4	4,268.07	3/4	4,033.35	3/4	3,798.63	3/4	3,563.91	3/4	3,262.89	3/4	2,905.34
10		10		10		10	4,495.24	10	4,263.18	10	4,028.46	10	3,793.74	10	3,559.02	10	3,255.44	10	2,897.89
1/4		1/4		1/4		1/4	4,491.23	1/4	4,258.29	1/4	4,023.57	1/4	3,788.85	1/4	3,554.13	1/4	3,247.99	1/4	2,890.44
1/2		1/2		1/2		1/2	4,487.23	1/2	4,253.40	1/2	4,018.68	1/2	3,783.96	1/2	3,549.24	1/2	3,240.54	1/2	2,882.99
3/4		3/4		3/4		3/4	4,482.56	3/4	4,248.51	3/4	4,013.79	3/4	3,779.07	3/4	3,544.35	3/4	3,233.09	3/4	2,875.54
11		11		11		11	4,477.90	11	4,243.62	11	4,008.90	11	3,774.18	11	3,539.46	11	3,225.65	11	2,868.10
1/4		1/4		1/4		1/4	4,473.23	1/4	4,238.73	1/4	4,004.01	1/4	3,769.29	1/4	3,534.57	1/4	3,218.20	1/4	2,860.65
1/2		1/2		1/2		1/2	4,468.56	1/2	4,233.84	1/2	3,999.12	1/2	3,764.40	1/2	3,529.68	1/2	3,210.75	1/2	2,853.20
3/4		3/4		3/4		3/4	4,463.67	3/4	4,228.95	3/4	3,994.23	3/4	3,759.51	3/4	3,524.79	3/4	3,203.30	3/4	2,845.75

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 WITH "HERMETIC" DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" 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 "KIRBY 30082"

3 STBD

ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3013"

GAUGE HEIGHT 16'-11 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	2,480.75	0	2,123.20	0	1,765.64	0	1,408.09	0	1,050.54	0	692.98	0	335.43	0		0		0	
1/4	2,473.30	1/4	2,115.75	1/4	1,758.19	1/4	1,400.64	1/4	1,043.09	1/4	685.54	1/4	327.99	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,465.85	1/2	2,108.30	1/2	1,750.74	1/2	1,393.19	1/2	1,035.64	1/2	678.09	1/2	320.54	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,458.40	3/4	2,100.85	3/4	1,743.29	3/4	1,385.74	3/4	1,028.19	3/4	670.64	3/4	313.09	3/4	3/4	3/4	3/4	3/4	3/4
1	2,450.95	1	2,093.40	1	1,735.85	1	1,378.30	1	1,020.74	1	663.19	1	305.64	1	1	1	1	1	1
1/4	2,443.50	1/4	2,085.95	1/4	1,728.40	1/4	1,370.85	1/4	1,013.29	1/4	655.74	1/4	298.19	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,436.05	1/2	2,078.50	1/2	1,720.95	1/2	1,363.40	1/2	1,005.84	1/2	648.29	1/2	290.74	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,428.60	3/4	2,071.05	3/4	1,713.50	3/4	1,355.95	3/4	998.39	3/4	640.84	3/4	283.29	3/4	3/4	3/4	3/4	3/4	3/4
2	2,421.16	2	2,063.60	2	1,706.05	2	1,348.50	2	990.94	2	633.39	2	275.84	2	2	2	2	2	2
1/4	2,413.71	1/4	2,056.15	1/4	1,698.60	1/4	1,341.05	1/4	983.50	1/4	625.95	1/4	268.39	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,406.26	1/2	2,048.70	1/2	1,691.15	1/2	1,333.60	1/2	976.05	1/2	618.50	1/2	260.94	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,398.81	3/4	2,041.25	3/4	1,683.70	3/4	1,326.15	3/4	968.60	3/4	611.05	3/4	253.49	3/4	3/4	3/4	3/4	3/4	3/4
3	2,391.36	3	2,033.81	3	1,676.26	3	1,318.70	3	961.15	3	603.60	3	246.04	3	3	3	3	3	3
1/4	2,383.91	1/4	2,026.36	1/4	1,668.81	1/4	1,311.25	1/4	953.70	1/4	596.15	1/4	238.60	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,376.46	1/2	2,018.91	1/2	1,661.36	1/2	1,303.80	1/2	946.25	1/2	588.70	1/2	231.15	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,369.01	3/4	2,011.46	3/4	1,653.94	3/4	1,296.35	3/4	938.80	3/4	581.25	3/4	223.70	3/4	3/4	3/4	3/4	3/4	3/4
4	2,361.56	4	2,004.01	4	1,646.51	4	1,288.91	4	931.35	4	573.80	4	216.25	4	4	4	4	4	4
1/4	2,354.11	1/4	1,996.56	1/4	1,639.09	1/4	1,281.46	1/4	923.91	1/4	566.35	1/4	208.80	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,346.66	1/2	1,989.11	1/2	1,631.66	1/2	1,274.01	1/2	916.46	1/2	558.90	1/2	201.35	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,339.21	3/4	1,981.66	3/4	1,624.19	3/4	1,266.56	3/4	909.01	3/4	551.45	3/4	193.90	3/4	3/4	3/4	3/4	3/4	3/4
5	2,331.77	5	1,974.22	5	1,616.71	5	1,259.11	5	901.56	5	544.00	5	186.45	5	5	5	5	5	5
1/4	2,324.32	1/4	1,966.77	1/4	1,609.24	1/4	1,251.66	1/4	894.11	1/4	536.56	1/4	179.01	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,316.87	1/2	1,959.32	1/2	1,601.76	1/2	1,244.21	1/2	886.66	1/2	529.11	1/2	171.56	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,309.42	3/4	1,951.87	3/4	1,594.31	3/4	1,236.76	3/4	879.21	3/4	521.66	3/4	164.11	3/4	3/4	3/4	3/4	3/4	3/4
6	2,301.97	6	1,944.42	6	1,586.87	6	1,229.32	6	871.76	6	514.21	6	156.66	6	6	6	6	6	6
1/4	2,294.52	1/4	1,936.97	1/4	1,579.42	1/4	1,221.87	1/4	864.31	1/4	506.76	1/4	149.21	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,287.07	1/2	1,929.52	1/2	1,571.97	1/2	1,214.42	1/2	856.86	1/2	499.31	1/2	141.76	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,279.62	3/4	1,922.07	3/4	1,564.52	3/4	1,206.97	3/4	849.41	3/4	491.86	3/4	134.31	3/4	3/4	3/4	3/4	3/4	3/4
7	2,272.18	7	1,914.62	7	1,557.07	7	1,199.52	7	841.96	7	484.41	7	126.86	7	7	7	7	7	7
1/4	2,264.73	1/4	1,907.17	1/4	1,549.62	1/4	1,192.07	1/4	834.52	1/4	476.97	1/4	119.41	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,257.28	1/2	1,899.72	1/2	1,542.17	1/2	1,184.62	1/2	827.07	1/2	469.52	1/2	111.96	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,249.83	3/4	1,892.27	3/4	1,534.72	3/4	1,177.17	3/4	819.62	3/4	462.07	3/4	104.51	3/4	3/4	3/4	3/4	3/4	3/4
8	2,242.38	8	1,884.83	8	1,527.28	8	1,169.72	8	812.17	8	454.62	8	97.06	8	8	8	8	8	8
1/4	2,234.93	1/4	1,877.38	1/4	1,519.83	1/4	1,162.27	1/4	804.72	1/4	447.17	1/4	89.62	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,227.48	1/2	1,869.93	1/2	1,512.38	1/2	1,154.82	1/2	797.27	1/2	439.72	1/2	82.17	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,220.03	3/4	1,862.48	3/4	1,504.93	3/4	1,147.37	3/4	789.82	3/4	432.27	3/4	75.57	3/4	3/4	3/4	3/4	3/4	3/4
9	2,212.58	9	1,855.03	9	1,497.48	9	1,139.93	9	782.37	9	424.82	9	68.98	9	9	9	9	9	9
1/4	2,205.13	1/4	1,847.58	1/4	1,490.03	1/4	1,132.48	1/4	774.93	1/4	417.37	1/4	62.38	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,197.68	1/2	1,840.13	1/2	1,482.58	1/2	1,125.03	1/2	767.48	1/2	409.92	1/2	55.79	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,190.23	3/4	1,832.68	3/4	1,475.13	3/4	1,117.58	3/4	760.03	3/4	402.47	3/4	50.38	3/4	3/4	3/4	3/4	3/4	3/4
10	2,182.79	10	1,825.24	10	1,467.68	10	1,110.13	10	752.58	10	395.02	10	44.97	10	10	10	10	10	10
1/4	2,175.34	1/4	1,817.79	1/4	1,460.23	1/4	1,102.68	1/4	745.13	1/4	387.58	1/4	39.56	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,167.89	1/2	1,810.34	1/2	1,452.78	1/2	1,095.23	1/2	737.68	1/2	380.13	1/2	34.15	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,160.44	3/4	1,802.89	3/4	1,445.33	3/4	1,087.78	3/4	730.23	3/4	372.68	3/4	30.10	3/4	3/4	3/4	3/4	3/4	3/4
11	2,152.99	11	1,795.44	11	1,437.89	11	1,080.34	11	722.78	11	365.23	11	26.05	11	11	11	11	11	11
1/4	2,145.54	1/4	1,787.99	1/4	1,430.44	1/4	1,072.89	1/4	715.33	1/4	357.78	1/4	22.00	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,138.09	1/2	1,780.54	1/2	1,422.99	1/2	1,065.44	1/2	707.88	1/2	350.33	1/2	17.95	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,130.64	3/4	1,773.09	3/4	1,415.54	3/4	1,057.99	3/4	700.43	3/4	342.88	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2002 INS
RECALCULATED: 09/26/2022 SW
REPRINTED: 09/26/2022 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2022

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



BARGE "KIRBY 30082"

PORT SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "WTC 3013"

GAUGE HEIGHT 5'-07 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	0	0	967	0	1,935	0	2,902	0	3,870	0		0	6 FT.	0	7 FT.	0	8 FT.	0	9 FT.
1/4	20	1/4	988	1/4	1,955	1/4	2,923	1/4	3,890	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	40	1/2	1,008	1/2	1,975	1/2	2,943	1/2	3,910	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	60	3/4	1,028	3/4	1,995	3/4	2,963	3/4	3,930	3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
1	81	1	1,048	1	2,016	1	2,983	1	3,950	1		1	6 FT.	1	7 FT.	1	8 FT.	1	9 FT.
1/4	101	1/4	1,068	1/4	2,036	1/4	3,003	1/4	3,971	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	121	1/2	1,088	1/2	2,056	1/2	3,023	1/2	3,991	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	141	3/4	1,109	3/4	2,076	3/4	3,043	3/4	4,011	3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
2	161	2	1,129	2	2,096	2	3,064	2	4,031	2		2	6 FT.	2	7 FT.	2	8 FT.	2	9 FT.
1/4	181	1/4	1,149	1/4	2,116	1/4	3,084	1/4	4,051	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	202	1/2	1,169	1/2	2,136	1/2	3,104	1/2	4,071	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	222	3/4	1,189	3/4	2,157	3/4	3,124	3/4	4,092	3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
3	242	3	1,209	3	2,177	3	3,144	3	4,112	3		3	6 FT.	3	7 FT.	3	8 FT.	3	9 FT.
1/4	262	1/4	1,229	1/4	2,197	1/4	3,164	1/4	4,132	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	282	1/2	1,250	1/2	2,217	1/2	3,185	1/2	4,152	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	302	3/4	1,270	3/4	2,237	3/4	3,205	3/4	4,172	3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
4	322	4	1,290	4	2,257	4	3,225	4	4,192	4		4	6 FT.	4	7 FT.	4	8 FT.	4	9 FT.
1/4	343	1/4	1,310	1/4	2,278	1/4	3,245	1/4	4,213	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	363	1/2	1,330	1/2	2,298	1/2	3,265	1/2	4,233	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	383	3/4	1,350	3/4	2,318	3/4	3,285	3/4	4,253	3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
5	403	5	1,371	5	2,338	5	3,306	5	4,273	5		5	6 FT.	5	7 FT.	5	8 FT.	5	9 FT.
1/4	423	1/4	1,391	1/4	2,358	1/4	3,326	1/4	4,293	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	443	1/2	1,411	1/2	2,378	1/2	3,346	1/2	4,313	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	464	3/4	1,431	3/4	2,399	3/4	3,366	3/4	4,333	3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
6	484	6	1,451	6	2,419	6	3,386	6	4,354	6		6	6 FT.	6	7 FT.	6	8 FT.	6	9 FT.
1/4	504	1/4	1,471	1/4	2,439	1/4	3,406	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	524	1/2	1,492	1/2	2,459	1/2	3,426	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	544	3/4	1,512	3/4	2,479	3/4	3,447	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
7	564	7	1,532	7	2,499	7	3,467	7		7		7	6 FT.	7	7 FT.	7	8 FT.	7	9 FT.
1/4	585	1/4	1,552	1/4	2,519	1/4	3,487	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	605	1/2	1,572	1/2	2,540	1/2	3,507	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	625	3/4	1,592	3/4	2,560	3/4	3,527	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
8	645	8	1,612	8	2,580	8	3,547	8		8		8	6 FT.	8	7 FT.	8	8 FT.	8	9 FT.
1/4	665	1/4	1,633	1/4	2,600	1/4	3,568	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	685	1/2	1,653	1/2	2,620	1/2	3,588	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	705	3/4	1,673	3/4	2,640	3/4	3,608	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
9	726	9	1,693	9	2,661	9	3,628	9		9		9	6 FT.	9	7 FT.	9	8 FT.	9	9 FT.
1/4	746	1/4	1,713	1/4	2,681	1/4	3,648	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	766	1/2	1,733	1/2	2,701	1/2	3,668	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	786	3/4	1,754	3/4	2,721	3/4	3,688	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
10	806	10	1,774	10	2,741	10	3,709	10		10		10	6 FT.	10	7 FT.	10	8 FT.	10	9 FT.
1/4	826	1/4	1,794	1/4	2,761	1/4	3,729	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	847	1/2	1,814	1/2	2,781	1/2	3,749	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	867	3/4	1,834	3/4	2,802	3/4	3,769	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
11	887	11	1,854	11	2,822	11	3,789	11		11		11	6 FT.	11	7 FT.	11	8 FT.	11	9 FT.
1/4	907	1/4	1,874	1/4	2,842	1/4	3,809	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	927	1/2	1,895	1/2	2,862	1/2	3,830	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	947	3/4	1,915	3/4	2,882	3/4	3,850	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.

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

STRAPPED: 09/26/2022 JS
RECALCULATED: 09/26/2022 PMA
REPRINTED: 09/26/2022 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2022

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 30082"

STBD SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "WTC 3013"

GAUGE HEIGHT 5'-07 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	963	0	1,926	0	2,889	0	3,852	0		0		0		0		0	
1/4	20	1/4	983	1/4	1,946	1/4	2,909	1/4	3,872	1/4		1/4		1/4		1/4		1/4	
1/2	40	1/2	1,003	1/2	1,966	1/2	2,929	1/2	3,892	1/2		1/2		1/2		1/2		1/2	
3/4	60	3/4	1,023	3/4	1,986	3/4	2,949	3/4	3,912	3/4		3/4		3/4		3/4		3/4	
1	80	1	1,043	1	2,006	1	2,969	1	3,932	1		1		1		1		1	
1/4	100	1/4	1,063	1/4	2,026	1/4	2,989	1/4	3,952	1/4		1/4		1/4		1/4		1/4	
1/2	120	1/2	1,083	1/2	2,046	1/2	3,009	1/2	3,972	1/2		1/2		1/2		1/2		1/2	
3/4	140	3/4	1,103	3/4	2,066	3/4	3,029	3/4	3,992	3/4		3/4		3/4		3/4		3/4	
2	160	2	1,123	2	2,086	2	3,049	2	4,012	2		2		2		2		2	
1/4	181	1/4	1,143	1/4	2,106	1/4	3,069	1/4	4,032	1/4		1/4		1/4		1/4		1/4	
1/2	201	1/2	1,163	1/2	2,126	1/2	3,089	1/2	4,052	1/2		1/2		1/2		1/2		1/2	
3/4	221	3/4	1,184	3/4	2,146	3/4	3,109	3/4	4,072	3/4		3/4		3/4		3/4		3/4	
3	241	3	1,204	3	2,166	3	3,129	3	4,092	3		3		3		3		3	
1/4	261	1/4	1,224	1/4	2,187	1/4	3,149	1/4	4,112	1/4		1/4		1/4		1/4		1/4	
1/2	281	1/2	1,244	1/2	2,207	1/2	3,169	1/2	4,132	1/2		1/2		1/2		1/2		1/2	
3/4	301	3/4	1,264	3/4	2,227	3/4	3,190	3/4	4,152	3/4		3/4		3/4		3/4		3/4	
4	321	4	1,284	4	2,247	4	3,210	4	4,172	4		4		4		4		4	
1/4	341	1/4	1,304	1/4	2,267	1/4	3,230	1/4	4,193	1/4		1/4		1/4		1/4		1/4	
1/2	361	1/2	1,324	1/2	2,287	1/2	3,250	1/2	4,213	1/2		1/2		1/2		1/2		1/2	
3/4	381	3/4	1,344	3/4	2,307	3/4	3,270	3/4	4,233	3/4		3/4		3/4		3/4		3/4	
5	401	5	1,364	5	2,327	5	3,290	5	4,253	5		5		5		5		5	
1/4	421	1/4	1,384	1/4	2,347	1/4	3,310	1/4	4,273	1/4		1/4		1/4		1/4		1/4	
1/2	441	1/2	1,404	1/2	2,367	1/2	3,330	1/2	4,293	1/2		1/2		1/2		1/2		1/2	
3/4	461	3/4	1,424	3/4	2,387	3/4	3,350	3/4	4,313	3/4		3/4		3/4		3/4		3/4	
6	481	6	1,444	6	2,407	6	3,370	6	4,333	6		6		6		6		6	
1/4	501	1/4	1,464	1/4	2,427	1/4	3,390	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	522	1/2	1,484	1/2	2,447	1/2	3,410	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	542	3/4	1,504	3/4	2,467	3/4	3,430	3/4		3/4		3/4		3/4		3/4		3/4	
7	562	7	1,525	7	2,487	7	3,450	7		7		7		7		7		7	
1/4	582	1/4	1,545	1/4	2,507	1/4	3,470	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	602	1/2	1,565	1/2	2,528	1/2	3,490	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	622	3/4	1,585	3/4	2,548	3/4	3,510	3/4		3/4		3/4		3/4		3/4		3/4	
8	642	8	1,605	8	2,568	8	3,531	8		8		8		8		8		8	
1/4	662	1/4	1,625	1/4	2,588	1/4	3,551	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	682	1/2	1,645	1/2	2,608	1/2	3,571	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	702	3/4	1,665	3/4	2,628	3/4	3,591	3/4		3/4		3/4		3/4		3/4		3/4	
9	722	9	1,685	9	2,648	9	3,611	9		9		9		9		9		9	
1/4	742	1/4	1,705	1/4	2,668	1/4	3,631	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	762	1/2	1,725	1/2	2,688	1/2	3,651	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	782	3/4	1,745	3/4	2,708	3/4	3,671	3/4		3/4		3/4		3/4		3/4		3/4	
10	802	10	1,765	10	2,728	10	3,691	10		10		10		10		10		10	
1/4	822	1/4	1,785	1/4	2,748	1/4	3,711	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	843	1/2	1,805	1/2	2,768	1/2	3,731	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	863	3/4	1,825	3/4	2,788	3/4	3,751	3/4		3/4		3/4		3/4		3/4		3/4	
11	883	11	1,846	11	2,808	11	3,771	11		11		11		11		11		11	
1/4	903	1/4	1,866	1/4	2,828	1/4	3,791	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	923	1/2	1,886	1/2	2,849	1/2	3,811	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	943	3/4	1,906	3/4	2,869	3/4	3,831	3/4		3/4		3/4		3/4		3/4		3/4	

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

STRAPPED: 09/26/2022 JS
RECALCULATED: 09/26/2022 PMA
REPRINTED: 09/26/2022 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2022

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 30082"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "WTC 3013"

GAUGE HEIGHT 5'-06 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	0	0	383	0	766	0	1,149	0	1,531	0		0	0	0	0	0	0	0	0
1/4	8	1/4	391	1/4	774	1/4	1,157	1/4	1,539	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	16	1/2	399	1/2	782	1/2	1,165	1/2	1,547	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	24	3/4	407	3/4	790	3/4	1,173	3/4	1,555	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	32	1	415	1	798	1	1,181	1	1,563	1	1	1	1	1	1	1	1	1	1
1/4	40	1/4	423	1/4	806	1/4	1,188	1/4	1,571	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	48	1/2	431	1/2	814	1/2	1,196	1/2	1,579	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	56	3/4	439	3/4	822	3/4	1,204	3/4	1,587	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	64	2	447	2	830	2	1,212	2	1,595	2	2	2	2	2	2	2	2	2	2
1/4	72	1/4	455	1/4	838	1/4	1,220	1/4	1,603	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80	1/2	463	1/2	846	1/2	1,228	1/2	1,611	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	88	3/4	471	3/4	853	3/4	1,236	3/4	1,619	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	96	3	479	3	861	3	1,244	3	1,627	3	3	3	3	3	3	3	3	3	3
1/4	104	1/4	487	1/4	869	1/4	1,252	1/4	1,635	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112	1/2	495	1/2	877	1/2	1,260	1/2	1,643	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120	3/4	503	3/4	885	3/4	1,268	3/4	1,651	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	128	4	510	4	893	4	1,276	4	1,659	4	4	4	4	4	4	4	4	4	4
1/4	136	1/4	518	1/4	901	1/4	1,284	1/4	1,667	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	144	1/2	526	1/2	909	1/2	1,292	1/2	1,675	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152	3/4	534	3/4	917	3/4	1,300	3/4	1,683	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	160	5	542	5	925	5	1,308	5	1,691	5	5	5	5	5	5	5	5	5	5
1/4	168	1/4	550	1/4	933	1/4	1,316	1/4	1,699	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	175	1/2	558	1/2	941	1/2	1,324	1/2	1,707	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	183	3/4	566	3/4	949	3/4	1,332	3/4	1,715	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	191	6	574	6	957	6	1,340	6	1,723	6	6	6	6	6	6	6	6	6	6
1/4	199	1/4	582	1/4	965	1/4	1,348	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	207	1/2	590	1/2	973	1/2	1,356	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	215	3/4	598	3/4	981	3/4	1,364	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	223	7	606	7	989	7	1,372	7		7	7	7	7	7	7	7	7	7	7
1/4	231	1/4	614	1/4	997	1/4	1,380	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	239	1/2	622	1/2	1,005	1/2	1,388	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	247	3/4	630	3/4	1,013	3/4	1,396	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	255	8	638	8	1,021	8	1,404	8		8	8	8	8	8	8	8	8	8	8
1/4	263	1/4	646	1/4	1,029	1/4	1,412	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	271	1/2	654	1/2	1,037	1/2	1,420	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	279	3/4	662	3/4	1,045	3/4	1,428	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	287	9	670	9	1,053	9	1,436	9		9	9	9	9	9	9	9	9	9	9
1/4	295	1/4	678	1/4	1,061	1/4	1,444	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	303	1/2	686	1/2	1,069	1/2	1,452	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	311	3/4	694	3/4	1,077	3/4	1,460	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	319	10	702	10	1,085	10	1,468	10		10	10	10	10	10	10	10	10	10	10
1/4	327	1/4	710	1/4	1,093	1/4	1,476	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	335	1/2	718	1/2	1,101	1/2	1,484	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	343	3/4	726	3/4	1,109	3/4	1,492	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	351	11	734	11	1,117	11	1,500	11		11	11	11	11	11	11	11	11	11	11
1/4	359	1/4	742	1/4	1,125	1/4	1,508	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	367	1/2	750	1/2	1,133	1/2	1,516	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	375	3/4	758	3/4	1,141	3/4	1,524	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" STANDPIPE.

STRAPPED: 09/26/2022 JS
RECALCULATED: 09/26/2022 PMA
REPRINTED: 09/26/2022 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2022

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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