



BARGE "KIRBY 30084"

ULLAGE TRIM TABLE

EX: WTC 3015

	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	00-1/8	- 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	00-1/8	- 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)

LENGTH BETWEEN DRAFT MARKS: 237'-06"

August 22, 2022

PRECISION MEASUREMENT
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 P.O. Box 2092
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THE CORRECTION FOR 2'-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"



BARGE "KIRBY 30084"

1 PORT ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3015"

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	4,956.43	0	4,598.21	0	4,239.99	0	3,881.76	0	3,523.54	0	3,165.31	0	2,807.09
1/4		1/4		1/4		1/4	4,948.97	1/4	4,590.75	1/4	4,232.52	1/4	3,874.30	1/4	3,516.08	1/4	3,157.85	1/4	2,799.63
1/2		1/2		1/2		1/2	4,941.50	1/2	4,583.28	1/2	4,225.06	1/2	3,866.83	1/2	3,508.61	1/2	3,150.38	1/2	2,792.16
3/4		3/4		3/4		3/4	4,934.04	3/4	4,575.82	3/4	4,217.59	3/4	3,859.37	3/4	3,501.15	3/4	3,142.92	3/4	2,784.70
1		1		1		1	4,926.58	1	4,568.36	1	4,210.13	1	3,851.91	1	3,493.69	1	3,135.46	1	2,777.24
1/4		1/4		1/4		1/4	4,919.12	1/4	4,560.90	1/4	4,202.67	1/4	3,844.45	1/4	3,486.22	1/4	3,128.00	1/4	2,769.78
1/2		1/2		1/2		1/2	4,911.65	1/2	4,553.43	1/2	4,195.20	1/2	3,836.98	1/2	3,478.76	1/2	3,120.53	1/2	2,762.31
3/4		3/4		3/4		3/4	4,904.19	3/4	4,545.97	3/4	4,187.74	3/4	3,829.52	3/4	3,471.29	3/4	3,113.07	3/4	2,754.85
2		2		2		2	4,896.73	2	4,538.51	2	4,180.28	2	3,822.06	2	3,463.83	2	3,105.61	2	2,747.39
1/4		1/4		1/4		1/4	4,889.27	1/4	4,531.04	1/4	4,172.82	1/4	3,814.60	1/4	3,456.37	1/4	3,098.15	1/4	2,739.92
1/2		1/2		1/2		1/2	4,881.80	1/2	4,523.58	1/2	4,165.35	1/2	3,807.13	1/2	3,448.90	1/2	3,090.68	1/2	2,732.46
3/4		3/4		3/4		3/4	4,874.34	3/4	4,516.11	3/4	4,157.89	3/4	3,799.67	3/4	3,441.44	3/4	3,083.22	3/4	2,724.99
3		3		3		3	4,866.88	3	4,508.65	3	4,150.43	3	3,792.21	3	3,433.98	3	3,075.76	3	2,717.53
1/4		1/4		1/4		1/4	4,859.42	1/4	4,501.19	1/4	4,142.97	1/4	3,784.74	1/4	3,426.52	1/4	3,068.30	1/4	2,710.07
1/2		1/2		1/2		1/2	4,851.95	1/2	4,493.72	1/2	4,135.50	1/2	3,777.28	1/2	3,419.05	1/2	3,060.83	1/2	2,702.60
3/4		3/4		3/4		3/4	4,844.49	3/4	4,486.26	3/4	4,128.04	3/4	3,769.81	3/4	3,411.59	3/4	3,053.37	3/4	2,695.14
4		4		4		4	4,837.03	4	4,478.80	4	4,120.58	4	3,762.35	4	3,404.13	4	3,045.91	4	2,687.68
1/4		1/4		1/4		1/4	4,829.56	1/4	4,471.34	1/4	4,113.12	1/4	3,754.89	1/4	3,396.67	1/4	3,038.44	1/4	2,680.22
1/2		1/2		1/2		1/2	4,822.10	1/2	4,463.87	1/2	4,105.65	1/2	3,747.42	1/2	3,389.20	1/2	3,030.98	1/2	2,672.75
3/4		3/4		3/4		3/4	4,814.63	3/4	4,456.41	3/4	4,098.19	3/4	3,739.96	3/4	3,381.74	3/4	3,023.51	3/4	2,665.29
5		5		5		5	4,807.17	5	4,448.95	5	4,090.73	5	3,732.50	5	3,374.28	5	3,016.05	5	2,657.83
1/4		1/4		1/4		1/4	4,799.71	1/4	4,441.49	1/4	4,083.26	1/4	3,725.04	1/4	3,366.82	1/4	3,008.59	1/4	2,650.37
1/2		1/2		1/2		1/2	4,792.24	1/2	4,434.02	1/2	4,075.80	1/2	3,717.57	1/2	3,359.35	1/2	3,001.12	1/2	2,642.90
3/4		3/4		3/4		3/4	5,060.83	3/4	4,784.78	3/4	4,426.56	3/4	4,068.33	3/4	3,710.11	3/4	3,351.89	3/4	2,993.66
6		6		6		6	5,059.99	6	4,777.32	6	4,419.10	6	4,060.87	6	3,702.65	6	3,344.43	6	2,986.20
1/4		1/4		1/4		1/4	5,059.15	1/4	4,769.86	1/4	4,411.64	1/4	4,053.41	1/4	3,695.19	1/4	3,336.96	1/4	2,978.74
1/2		1/2		1/2		1/2	5,058.30	1/2	4,762.39	1/2	4,404.17	1/2	4,045.94	1/2	3,687.72	1/2	3,329.50	1/2	2,971.27
3/4		3/4		3/4		3/4	5,057.46	3/4	4,754.93	3/4	4,396.71	3/4	4,038.48	3/4	3,680.26	3/4	3,322.03	3/4	2,963.81
7		7		7		7	5,055.43	7	4,747.47	7	4,389.25	7	4,031.02	7	3,672.80	7	3,314.57	7	2,956.35
1/4		1/4		1/4		1/4	5,053.39	1/4	4,740.01	1/4	4,381.78	1/4	4,023.56	1/4	3,665.34	1/4	3,307.11	1/4	2,948.89
1/2		1/2		1/2		1/2	5,051.36	1/2	4,732.54	1/2	4,374.32	1/2	4,016.09	1/2	3,657.87	1/2	3,299.64	1/2	2,941.42
3/4		3/4		3/4		3/4	5,049.32	3/4	4,725.08	3/4	4,366.85	3/4	4,008.63	3/4	3,650.41	3/4	3,292.18	3/4	2,933.96
8		8		8		8	5,045.94	8	4,717.62	8	4,359.39	8	4,001.17	8	3,642.95	8	3,284.72	8	2,926.50
1/4		1/4		1/4		1/4	5,042.55	1/4	4,710.16	1/4	4,351.93	1/4	3,993.71	1/4	3,635.48	1/4	3,277.26	1/4	2,919.04
1/2		1/2		1/2		1/2	5,039.17	1/2	4,702.69	1/2	4,344.46	1/2	3,986.24	1/2	3,628.02	1/2	3,269.79	1/2	2,911.57
3/4		3/4		3/4		3/4	5,035.78	3/4	4,695.23	3/4	4,337.00	3/4	3,978.78	3/4	3,620.55	3/4	3,262.33	3/4	2,904.11
9		9		9		9	5,031.04	9	4,687.77	9	4,329.54	9	3,971.32	9	3,613.09	9	3,254.87	9	2,896.65
1/4		1/4		1/4		1/4	5,026.29	1/4	4,680.30	1/4	4,322.08	1/4	3,963.86	1/4	3,605.63	1/4	3,247.41	1/4	2,889.18
1/2		1/2		1/2		1/2	5,021.55	1/2	4,672.84	1/2	4,314.61	1/2	3,956.39	1/2	3,598.16	1/2	3,239.94	1/2	2,881.72
3/4		3/4		3/4		3/4	5,016.80	3/4	4,665.37	3/4	4,307.15	3/4	3,948.93	3/4	3,590.70	3/4	3,232.48	3/4	2,874.25
10		10		10		10	5,010.70	10	4,657.91	10	4,299.69	10	3,941.47	10	3,583.24	10	3,225.02	10	2,866.79
1/4		1/4		1/4		1/4	5,004.60	1/4	4,650.45	1/4	4,292.23	1/4	3,934.00	1/4	3,575.78	1/4	3,217.56	1/4	2,859.33
1/2		1/2		1/2		1/2	4,998.49	1/2	4,642.98	1/2	4,284.76	1/2	3,926.54	1/2	3,568.31	1/2	3,210.09	1/2	2,851.86
3/4		3/4		3/4		3/4	4,992.39	3/4	4,635.52	3/4	4,277.30	3/4	3,919.07	3/4	3,560.85	3/4	3,202.63	3/4	2,844.40
11		11		11		11	4,985.27	11	4,628.06	11	4,269.84	11	3,911.61	11	3,553.39	11	3,195.17	11	2,836.94
1/4		1/4		1/4		1/4	4,978.14	1/4	4,620.60	1/4	4,262.38	1/4	3,904.15	1/4	3,545.93	1/4	3,187.70	1/4	2,829.48
1/2		1/2		1/2		1/2	4,971.02	1/2	4,613.13	1/2	4,254.91	1/2	3,896.68	1/2	3,538.46	1/2	3,180.24	1/2	2,822.01
3/4		3/4		3/4		3/4	4,963.89	3/4	4,605.67	3/4	4,247.45	3/4	3,889.22	3/4	3,531.00	3/4	3,172.77	3/4	2,814.55

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
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BARGE "KIRBY 30084"

1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3015"

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	2,448.87	0	2,090.64	0	1,732.42	0	1,374.19	0	1,015.97	0	657.74	0	306.42	0		0		0	
1/4	2,441.40	1/4	2,083.18	1/4	1,724.95	1/4	1,366.73	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	2,433.94	1/2	2,075.71	1/2	1,717.49	1/2	1,359.26	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	2,426.47	3/4	2,068.25	3/4	1,710.02	3/4	1,351.80	3/4	993.58	3/4	635.35	3/4	285.61	3/4	3/4	3/4		3/4	3/4
1	2,419.01	1	2,060.79	1	1,702.56	1	1,344.34	1	986.11	1	627.89	1	278.67	1	1	1		1	1
1/4	2,411.55	1/4	2,053.33	1/4	1,695.10	1/4	1,336.88	1/4	978.65	1/4	620.42	1/4	271.73	1/4	1/4	1/4		1/4	1/4
1/2	2,404.08	1/2	2,045.86	1/2	1,687.63	1/2	1,329.41	1/2	971.18	1/2	612.96	1/2	264.80	1/2	1/2	1/2		1/2	1/2
3/4	2,396.62	3/4	2,038.40	3/4	1,680.17	3/4	1,321.95	3/4	963.72	3/4	605.50	3/4	257.86	3/4	3/4	3/4		3/4	3/4
2	2,389.16	2	2,030.94	2	1,672.71	2	1,314.49	2	956.26	2	598.04	2	251.02	2	2	2		2	2
1/4	2,381.70	1/4	2,023.47	1/4	1,665.25	1/4	1,307.03	1/4	948.79	1/4	590.57	1/4	244.19	1/4	1/4	1/4		1/4	1/4
1/2	2,374.23	1/2	2,016.01	1/2	1,657.78	1/2	1,299.56	1/2	941.33	1/2	583.11	1/2	237.35	1/2	1/2	1/2		1/2	1/2
3/4	2,366.77	3/4	2,008.54	3/4	1,650.32	3/4	1,292.10	3/4	933.87	3/4	575.65	3/4	230.52	3/4	3/4	3/4		3/4	3/4
3	2,359.31	3	2,001.08	3	1,642.86	3	1,284.64	3	926.41	3	568.19	3	223.79	3	3	3		3	3
1/4	2,351.85	1/4	1,993.62	1/4	1,635.40	1/4	1,277.18	1/4	918.94	1/4	560.72	1/4	217.06	1/4	1/4	1/4		1/4	1/4
1/2	2,344.38	1/2	1,986.15	1/2	1,627.93	1/2	1,269.71	1/2	911.48	1/2	553.26	1/2	210.33	1/2	1/2	1/2		1/2	1/2
3/4	2,336.92	3/4	1,978.69	3/4	1,620.47	3/4	1,262.25	3/4	904.02	3/4	545.80	3/4	203.60	3/4	3/4	3/4		3/4	3/4
4	2,329.46	4	1,971.23	4	1,613.01	4	1,254.79	4	896.56	4	538.34	4	196.87	4	4	4		4	4
1/4	2,322.00	1/4	1,963.77	1/4	1,605.55	1/4	1,247.32	1/4	889.09	1/4	530.87	1/4	190.13	1/4	1/4	1/4		1/4	1/4
1/2	2,314.53	1/2	1,956.30	1/2	1,598.08	1/2	1,239.86	1/2	881.63	1/2	523.41	1/2	183.40	1/2	1/2	1/2		1/2	1/2
3/4	2,307.07	3/4	1,948.84	3/4	1,590.62	3/4	1,232.39	3/4	874.17	3/4	515.95	3/4	176.67	3/4	3/4	3/4		3/4	3/4
5	2,299.61	5	1,941.38	5	1,583.16	5	1,224.93	5	866.71	5	508.55	5	170.04	5	5	5		5	5
1/4	2,292.14	1/4	1,933.92	1/4	1,575.70	1/4	1,217.47	1/4	859.24	1/4	501.14	1/4	163.41	1/4	1/4	1/4		1/4	1/4
1/2	2,284.68	1/2	1,926.45	1/2	1,568.23	1/2	1,210.00	1/2	851.78	1/2	493.74	1/2	156.78	1/2	1/2	1/2		1/2	1/2
3/4	2,277.21	3/4	1,918.99	3/4	1,560.77	3/4	1,202.54	3/4	844.32	3/4	486.34	3/4	150.15	3/4	3/4	3/4		3/4	3/4
6	2,269.75	6	1,911.53	6	1,553.31	6	1,195.08	6	836.85	6	478.99	6	143.62	6	6	6		6	6
1/4	2,262.29	1/4	1,904.07	1/4	1,545.84	1/4	1,187.62	1/4	829.39	1/4	471.65	1/4	137.09	1/4	1/4	1/4		1/4	1/4
1/2	2,254.82	1/2	1,896.60	1/2	1,538.38	1/2	1,180.15	1/2	821.92	1/2	464.30	1/2	130.57	1/2	1/2	1/2		1/2	1/2
3/4	2,247.36	3/4	1,889.14	3/4	1,530.91	3/4	1,172.69	3/4	814.46	3/4	456.96	3/4	124.04	3/4	3/4	3/4		3/4	3/4
7	2,239.90	7	1,881.68	7	1,523.45	7	1,165.23	7	807.00	7	449.62	7	117.51	7	7	7		7	7
1/4	2,232.44	1/4	1,874.21	1/4	1,515.99	1/4	1,157.77	1/4	799.53	1/4	442.27	1/4	110.98	1/4	1/4	1/4		1/4	1/4
1/2	2,224.97	1/2	1,866.75	1/2	1,508.52	1/2	1,150.30	1/2	792.07	1/2	434.93	1/2	104.46	1/2	1/2	1/2		1/2	1/2
3/4	2,217.51	3/4	1,859.28	3/4	1,501.06	3/4	1,142.84	3/4	784.61	3/4	427.59	3/4	97.93	3/4	3/4	3/4		3/4	3/4
8	2,210.05	8	1,851.82	8	1,493.60	8	1,135.38	8	777.15	8	420.35	8	91.50	8	8	8		8	8
1/4	2,202.59	1/4	1,844.36	1/4	1,486.14	1/4	1,127.92	1/4	769.68	1/4	413.10	1/4	85.08	1/4	1/4	1/4		1/4	1/4
1/2	2,195.12	1/2	1,836.89	1/2	1,478.67	1/2	1,120.45	1/2	762.22	1/2	405.86	1/2	78.65	1/2	1/2	1/2		1/2	1/2
3/4	2,187.66	3/4	1,829.43	3/4	1,471.21	3/4	1,112.99	3/4	754.76	3/4	398.62	3/4	72.23	3/4	3/4	3/4		3/4	3/4
9	2,180.20	9	1,821.97	9	1,463.75	9	1,105.53	9	747.30	9	391.48	9	66.58	9	9	9		9	9
1/4	2,172.74	1/4	1,814.51	1/4	1,456.29	1/4	1,098.06	1/4	739.83	1/4	384.34	1/4	60.92	1/4	1/4	1/4		1/4	1/4
1/2	2,165.27	1/2	1,807.04	1/2	1,448.82	1/2	1,090.60	1/2	732.37	1/2	377.21	1/2	55.27	1/2	1/2	1/2		1/2	1/2
3/4	2,157.81	3/4	1,799.58	3/4	1,441.36	3/4	1,083.13	3/4	724.91	3/4	370.07	3/4	49.62	3/4	3/4	3/4		3/4	3/4
10	2,150.35	10	1,792.12	10	1,433.90	10	1,075.67	10	717.45	10	362.93	10	44.90	10	10	10		10	10
1/4	2,142.88	1/4	1,784.66	1/4	1,426.44	1/4	1,068.21	1/4	709.98	1/4	355.79	1/4	40.19	1/4	1/4	1/4		1/4	1/4
1/2	2,135.42	1/2	1,777.19	1/2	1,418.97	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	2,127.95	3/4	1,769.73	3/4	1,411.51	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	2,120.49	11	1,762.27	11	1,404.05	11	1,045.82	11	687.59	11	334.47	11	27.22	11	11	11		11	11
1/4	2,113.03	1/4	1,754.81	1/4	1,396.58	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	2,105.56	1/2	1,747.34	1/2	1,389.12	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	2,098.10	3/4	1,739.88	3/4	1,381.65	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: 08/22/2022 CL
REPRINTED: 08/22/2022 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2022

PRECISION MEASUREMENT
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BARGE "KIRBY 30084"

1 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3015"

GAUGE HEIGHT 17'-00"

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	4,963.89	0	4,605.67	0	4,247.45	0	3,889.22	0	3,531.00	0	3,172.77	0	2,814.55
1/4		1/4		1/4		1/4	4,956.43	1/4	4,598.21	1/4	4,239.99	1/4	3,881.76	1/4	3,523.54	1/4	3,165.31	1/4	2,807.09
1/2		1/2		1/2		1/2	4,948.97	1/2	4,590.75	1/2	4,232.52	1/2	3,874.30	1/2	3,516.08	1/2	3,157.85	1/2	2,799.63
3/4		3/4		3/4		3/4	4,941.50	3/4	4,583.28	3/4	4,225.06	3/4	3,866.83	3/4	3,508.61	3/4	3,150.38	3/4	2,792.16
1		1		1		1	4,934.04	1	4,575.82	1	4,217.59	1	3,859.37	1	3,501.15	1	3,142.92	1	2,784.70
1/4		1/4		1/4		1/4	4,926.58	1/4	4,568.36	1/4	4,210.13	1/4	3,851.91	1/4	3,493.69	1/4	3,135.46	1/4	2,777.24
1/2		1/2		1/2		1/2	4,919.12	1/2	4,560.90	1/2	4,202.67	1/2	3,844.45	1/2	3,486.22	1/2	3,128.00	1/2	2,769.78
3/4		3/4		3/4		3/4	4,911.65	3/4	4,553.43	3/4	4,195.20	3/4	3,836.98	3/4	3,478.76	3/4	3,120.53	3/4	2,762.31
2		2		2		2	4,904.19	2	4,545.97	2	4,187.74	2	3,829.52	2	3,471.29	2	3,113.07	2	2,754.85
1/4		1/4		1/4		1/4	4,896.73	1/4	4,538.51	1/4	4,180.28	1/4	3,822.06	1/4	3,463.83	1/4	3,105.61	1/4	2,747.39
1/2		1/2		1/2		1/2	4,889.27	1/2	4,531.04	1/2	4,172.82	1/2	3,814.60	1/2	3,456.37	1/2	3,098.15	1/2	2,739.92
3/4		3/4		3/4		3/4	4,881.80	3/4	4,523.58	3/4	4,165.35	3/4	3,807.13	3/4	3,448.90	3/4	3,090.68	3/4	2,732.46
3		3		3		3	4,874.34	3	4,516.11	3	4,157.89	3	3,799.67	3	3,441.44	3	3,083.22	3	2,724.99
1/4		1/4		1/4		1/4	4,866.88	1/4	4,508.65	1/4	4,150.43	1/4	3,792.21	1/4	3,433.98	1/4	3,075.76	1/4	2,717.53
1/2		1/2		1/2		1/2	4,859.42	1/2	4,501.19	1/2	4,142.97	1/2	3,784.74	1/2	3,426.52	1/2	3,068.30	1/2	2,710.07
3/4		3/4		3/4		3/4	4,851.95	3/4	4,493.72	3/4	4,135.50	3/4	3,777.28	3/4	3,419.05	3/4	3,060.83	3/4	2,702.60
4		4		4		4	4,844.49	4	4,486.26	4	4,128.04	4	3,769.81	4	3,411.59	4	3,053.37	4	2,695.14
1/4		1/4		1/4		1/4	4,837.03	1/4	4,478.80	1/4	4,120.58	1/4	3,762.35	1/4	3,404.13	1/4	3,045.91	1/4	2,687.68
1/2		1/2		1/2		1/2	4,829.56	1/2	4,471.34	1/2	4,113.12	1/2	3,754.89	1/2	3,396.67	1/2	3,038.44	1/2	2,680.22
3/4		3/4		3/4		3/4	4,822.10	3/4	4,463.87	3/4	4,105.65	3/4	3,747.42	3/4	3,389.20	3/4	3,030.98	3/4	2,672.75
5		5		5		5	4,814.63	5	4,456.41	5	4,098.19	5	3,739.96	5	3,381.74	5	3,023.51	5	2,665.29
1/4		1/4		1/4		1/4	4,807.17	1/4	4,448.95	1/4	4,090.73	1/4	3,732.50	1/4	3,374.28	1/4	3,016.05	1/4	2,657.83
1/2		1/2		1/2		1/2	4,799.71	1/2	4,441.49	1/2	4,083.26	1/2	3,725.04	1/2	3,366.82	1/2	3,008.59	1/2	2,650.37
3/4		3/4		3/4		3/4	4,792.24	3/4	4,434.02	3/4	4,075.80	3/4	3,717.57	3/4	3,359.35	3/4	3,001.12	3/4	2,642.90
6		6		6	5,060.83	6	4,784.78	6	4,426.56	6	4,068.33	6	3,710.11	6	3,351.89	6	2,993.66	6	2,635.44
1/4		1/4		1/4	5,059.99	1/4	4,777.32	1/4	4,419.10	1/4	4,060.87	1/4	3,702.65	1/4	3,344.43	1/4	2,986.20	1/4	2,627.98
1/2		1/2		1/2	5,059.15	1/2	4,769.86	1/2	4,411.64	1/2	4,053.41	1/2	3,695.19	1/2	3,336.96	1/2	2,978.74	1/2	2,620.52
3/4		3/4		3/4	5,058.30	3/4	4,762.39	3/4	4,404.17	3/4	4,045.94	3/4	3,687.72	3/4	3,329.50	3/4	2,971.27	3/4	2,613.05
7		7		7	5,057.46	7	4,754.93	7	4,396.71	7	4,038.48	7	3,680.26	7	3,322.03	7	2,963.81	7	2,605.59
1/4		1/4		1/4	5,055.43	1/4	4,747.47	1/4	4,389.25	1/4	4,031.02	1/4	3,672.80	1/4	3,314.57	1/4	2,956.35	1/4	2,598.13
1/2		1/2		1/2	5,053.39	1/2	4,740.01	1/2	4,381.78	1/2	4,023.56	1/2	3,665.34	1/2	3,307.11	1/2	2,948.89	1/2	2,590.66
3/4		3/4		3/4	5,051.36	3/4	4,732.54	3/4	4,374.32	3/4	4,016.09	3/4	3,657.87	3/4	3,299.64	3/4	2,941.42	3/4	2,583.20
8		8		8	5,049.32	8	4,725.08	8	4,366.85	8	4,008.63	8	3,650.41	8	3,292.18	8	2,933.96	8	2,575.73
1/4		1/4		1/4	5,045.94	1/4	4,717.62	1/4	4,359.39	1/4	4,001.17	1/4	3,642.95	1/4	3,284.72	1/4	2,926.50	1/4	2,568.27
1/2		1/2		1/2	5,042.55	1/2	4,710.16	1/2	4,351.93	1/2	3,993.71	1/2	3,635.48	1/2	3,277.26	1/2	2,919.04	1/2	2,560.81
3/4		3/4		3/4	5,039.17	3/4	4,702.69	3/4	4,344.46	3/4	3,986.24	3/4	3,628.02	3/4	3,269.79	3/4	2,911.57	3/4	2,553.34
9		9		9	5,035.78	9	4,695.23	9	4,337.00	9	3,978.78	9	3,620.55	9	3,262.33	9	2,904.11	9	2,545.88
1/4		1/4		1/4	5,031.04	1/4	4,687.77	1/4	4,329.54	1/4	3,971.32	1/4	3,613.09	1/4	3,254.87	1/4	2,896.65	1/4	2,538.42
1/2		1/2		1/2	5,026.29	1/2	4,680.30	1/2	4,322.08	1/2	3,963.86	1/2	3,605.63	1/2	3,247.41	1/2	2,889.18	1/2	2,530.96
3/4		3/4		3/4	5,021.55	3/4	4,672.84	3/4	4,314.61	3/4	3,956.39	3/4	3,598.16	3/4	3,239.94	3/4	2,881.72	3/4	2,523.49
10		10		10	5,016.80	10	4,665.37	10	4,307.15	10	3,948.93	10	3,590.70	10	3,232.48	10	2,874.25	10	2,516.03
1/4		1/4		1/4	5,010.70	1/4	4,657.91	1/4	4,299.69	1/4	3,941.47	1/4	3,583.24	1/4	3,225.02	1/4	2,866.79	1/4	2,508.57
1/2		1/2		1/2	5,004.60	1/2	4,650.45	1/2	4,292.23	1/2	3,934.00	1/2	3,575.78	1/2	3,217.56	1/2	2,859.33	1/2	2,501.11
3/4		3/4		3/4	4,998.49	3/4	4,642.98	3/4	4,284.76	3/4	3,926.54	3/4	3,568.31	3/4	3,210.09	3/4	2,851.86	3/4	2,493.64
11		11		11	4,992.39	11	4,635.52	11	4,277.30	11	3,919.07	11	3,560.85	11	3,202.63	11	2,844.40	11	2,486.18
1/4		1/4		1/4	4,985.27	1/4	4,628.06	1/4	4,269.84	1/4	3,911.61	1/4	3,553.39	1/4	3,195.17	1/4	2,836.94	1/4	2,478.72
1/2		1/2		1/2	4,978.14	1/2	4,620.60	1/2	4,262.38	1/2	3,904.15	1/2	3,545.93	1/2	3,187.70	1/2	2,829.48	1/2	2,471.26
3/4		3/4		3/4	4,971.02	3/4	4,613.13	3/4	4,254.91	3/4	3,896.68	3/4	3,538.46	3/4	3,180.24	3/4	2,822.01	3/4	2,463.79

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 30084"

1 STBD

ULLAGE TABLE
HERMETIC

GAUGE HEIGHT 17'-00"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3015"

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	2,456.33	0	2,098.10	0	1,739.88	0	1,381.65	0	1,023.43	0	665.20	0	313.36	0	16.59	0		0	
1/4	2,448.87	1/4	2,090.64	1/4	1,732.42	1/4	1,374.19	1/4	1,015.97	1/4	657.74	1/4	306.42	1/4		1/4		1/4	
1/2	2,441.40	1/2	2,083.18	1/2	1,724.95	1/2	1,366.73	1/2	1,008.51	1/2	650.27	1/2	299.48	1/2		1/2		1/2	
3/4	2,433.94	3/4	2,075.71	3/4	1,717.49	3/4	1,359.26	3/4	1,001.04	3/4	642.81	3/4	292.55	3/4		3/4		3/4	
1	2,426.47	1	2,068.25	1	1,710.02	1	1,351.80	1	993.58	1	635.35	1	285.61	1	1	1		1	
1/4	2,419.01	1/4	2,060.79	1/4	1,702.56	1/4	1,344.34	1/4	986.11	1/4	627.89	1/4	278.67	1/4		1/4		1/4	
1/2	2,411.55	1/2	2,053.33	1/2	1,695.10	1/2	1,336.88	1/2	978.65	1/2	620.42	1/2	271.73	1/2		1/2		1/2	
3/4	2,404.08	3/4	2,045.86	3/4	1,687.63	3/4	1,329.41	3/4	971.18	3/4	612.96	3/4	264.80	3/4		3/4		3/4	
2	2,396.62	2	2,038.40	2	1,680.17	2	1,321.95	2	963.72	2	605.50	2	257.86	2	2	2		2	
1/4	2,389.16	1/4	2,030.94	1/4	1,672.71	1/4	1,314.49	1/4	956.26	1/4	598.04	1/4	251.02	1/4		1/4		1/4	
1/2	2,381.70	1/2	2,023.47	1/2	1,665.25	1/2	1,307.03	1/2	948.79	1/2	590.57	1/2	244.19	1/2		1/2		1/2	
3/4	2,374.23	3/4	2,016.01	3/4	1,657.78	3/4	1,299.56	3/4	941.33	3/4	583.11	3/4	237.35	3/4		3/4		3/4	
3	2,366.77	3	2,008.54	3	1,650.32	3	1,292.10	3	933.87	3	575.65	3	230.52	3	3	3		3	
1/4	2,359.31	1/4	2,001.08	1/4	1,642.86	1/4	1,284.64	1/4	926.41	1/4	568.19	1/4	223.79	1/4		1/4		1/4	
1/2	2,351.85	1/2	1,993.62	1/2	1,635.40	1/2	1,277.18	1/2	918.94	1/2	560.72	1/2	217.06	1/2		1/2		1/2	
3/4	2,344.38	3/4	1,986.15	3/4	1,627.93	3/4	1,269.71	3/4	911.48	3/4	553.26	3/4	210.33	3/4		3/4		3/4	
4	2,336.92	4	1,978.69	4	1,620.47	4	1,262.25	4	904.02	4	545.80	4	203.60	4	4	4		4	
1/4	2,329.46	1/4	1,971.23	1/4	1,613.01	1/4	1,254.79	1/4	896.56	1/4	538.34	1/4	196.87	1/4		1/4		1/4	
1/2	2,322.00	1/2	1,963.77	1/2	1,605.55	1/2	1,247.32	1/2	889.09	1/2	530.87	1/2	190.13	1/2		1/2		1/2	
3/4	2,314.53	3/4	1,956.30	3/4	1,598.08	3/4	1,239.86	3/4	881.63	3/4	523.41	3/4	183.40	3/4		3/4		3/4	
5	2,307.07	5	1,948.84	5	1,590.62	5	1,232.39	5	874.17	5	515.95	5	176.67	5	5	5		5	
1/4	2,299.61	1/4	1,941.38	1/4	1,583.16	1/4	1,224.93	1/4	866.71	1/4	508.55	1/4	170.04	1/4		1/4		1/4	
1/2	2,292.14	1/2	1,933.92	1/2	1,575.70	1/2	1,217.47	1/2	859.24	1/2	501.14	1/2	163.41	1/2		1/2		1/2	
3/4	2,284.68	3/4	1,926.45	3/4	1,568.23	3/4	1,210.00	3/4	851.78	3/4	493.74	3/4	156.78	3/4		3/4		3/4	
6	2,277.21	6	1,918.99	6	1,560.77	6	1,202.54	6	844.32	6	486.34	6	150.15	6	6	6		6	
1/4	2,269.75	1/4	1,911.53	1/4	1,553.31	1/4	1,195.08	1/4	836.85	1/4	478.99	1/4	143.62	1/4		1/4		1/4	
1/2	2,262.29	1/2	1,904.07	1/2	1,545.84	1/2	1,187.62	1/2	829.39	1/2	471.65	1/2	137.09	1/2		1/2		1/2	
3/4	2,254.82	3/4	1,896.60	3/4	1,538.38	3/4	1,180.15	3/4	821.92	3/4	464.30	3/4	130.57	3/4		3/4		3/4	
7	2,247.36	7	1,889.14	7	1,530.91	7	1,172.69	7	814.46	7	456.96	7	124.04	7	7	7		7	
1/4	2,239.90	1/4	1,881.68	1/4	1,523.45	1/4	1,165.23	1/4	807.00	1/4	449.62	1/4	117.51	1/4		1/4		1/4	
1/2	2,232.44	1/2	1,874.21	1/2	1,515.99	1/2	1,157.77	1/2	799.53	1/2	442.27	1/2	110.98	1/2		1/2		1/2	
3/4	2,224.97	3/4	1,866.75	3/4	1,508.52	3/4	1,150.30	3/4	792.07	3/4	434.93	3/4	104.46	3/4		3/4		3/4	
8	2,217.51	8	1,859.28	8	1,501.06	8	1,142.84	8	784.61	8	427.59	8	97.93	8	8	8		8	
1/4	2,210.05	1/4	1,851.82	1/4	1,493.60	1/4	1,135.38	1/4	777.15	1/4	420.35	1/4	91.50	1/4		1/4		1/4	
1/2	2,202.59	1/2	1,844.36	1/2	1,486.14	1/2	1,127.92	1/2	769.68	1/2	413.10	1/2	85.08	1/2		1/2		1/2	
3/4	2,195.12	3/4	1,836.89	3/4	1,478.67	3/4	1,120.45	3/4	762.22	3/4	405.86	3/4	78.65	3/4		3/4		3/4	
9	2,187.66	9	1,829.43	9	1,471.21	9	1,112.99	9	754.76	9	398.62	9	72.23	9	9	9		9	
1/4	2,180.20	1/4	1,821.97	1/4	1,463.75	1/4	1,105.53	1/4	747.30	1/4	391.48	1/4	66.58	1/4		1/4		1/4	
1/2	2,172.74	1/2	1,814.51	1/2	1,456.29	1/2	1,098.06	1/2	739.83	1/2	384.34	1/2	60.92	1/2		1/2		1/2	
3/4	2,165.27	3/4	1,807.04	3/4	1,448.82	3/4	1,090.60	3/4	732.37	3/4	377.21	3/4	55.27	3/4		3/4		3/4	
10	2,157.81	10	1,799.58	10	1,441.36	10	1,083.13	10	724.91	10	370.07	10	49.62	10	10	10		10	
1/4	2,150.35	1/4	1,792.12	1/4	1,433.90	1/4	1,075.67	1/4	717.45	1/4	362.93	1/4	44.90	1/4		1/4		1/4	
1/2	2,142.88	1/2	1,784.66	1/2	1,426.44	1/2	1,068.21	1/2	709.98	1/2	355.79	1/2	40.19	1/2		1/2		1/2	
3/4	2,135.42	3/4	1,777.19	3/4	1,418.97	3/4	1,060.74	3/4	702.52	3/4	348.65	3/4	35.47	3/4		3/4		3/4	
11	2,127.95	11	1,769.73	11	1,411.51	11	1,053.28	11	695.06	11	341.51	11	30.76	11	11	11		11	
1/4	2,120.49	1/4	1,762.27	1/4	1,404.05	1/4	1,045.82	1/4	687.59	1/4	334.47	1/4	27.22	1/4		1/4		1/4	
1/2	2,113.03	1/2	1,754.81	1/2	1,396.58	1/2	1,038.36	1/2	680.13	1/2	327.43	1/2	23.67	1/2		1/2		1/2	
3/4	2,105.56	3/4	1,747.34	3/4	1,389.12	3/4	1,030.89	3/4	672.66	3/4	320.40	3/4	20.13	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2002 INS
RECALCULATED: 08/22/2022 CL
REPRINTED: 08/22/2022 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2022

PRECISION MEASUREMENT
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BARGE "KIRBY 30084"

2 PORT ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3015"

GAUGE HEIGHT 17'-00 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	5,029.41	0	4,670.42	0	4,311.10	0	3,951.77	0	3,592.44	0	3,233.11	0	2,873.78
1/4		1/4		1/4		1/4	5,022.26	1/4	4,662.93	1/4	4,303.61	1/4	3,944.28	1/4	3,584.95	1/4	3,225.62	1/4	2,866.29
1/2		1/2		1/2		1/2	5,014.78	1/2	4,655.45	1/2	4,296.12	1/2	3,936.79	1/2	3,577.47	1/2	3,218.14	1/2	2,858.80
3/4		3/4		3/4		3/4	5,007.29	3/4	4,647.96	3/4	4,288.64	3/4	3,929.31	3/4	3,569.98	3/4	3,210.65	3/4	2,851.32
1		1		1		1	4,999.81	1	4,640.48	1	4,281.15	1	3,921.82	1	3,562.50	1	3,203.17	1	2,843.83
1/4		1/4		1/4		1/4	4,992.32	1/4	4,632.99	1/4	4,273.66	1/4	3,914.33	1/4	3,555.01	1/4	3,195.68	1/4	2,836.35
1/2		1/2		1/2		1/2	4,984.83	1/2	4,625.51	1/2	4,266.18	1/2	3,906.85	1/2	3,547.52	1/2	3,188.19	1/2	2,828.86
3/4		3/4		3/4		3/4	4,977.35	3/4	4,618.02	3/4	4,258.69	3/4	3,899.36	3/4	3,540.04	3/4	3,180.71	3/4	2,821.38
2		2		2		2	4,969.86	2	4,610.54	2	4,251.21	2	3,891.88	2	3,532.55	2	3,173.22	2	2,813.89
1/4		1/4		1/4		1/4	4,962.37	1/4	4,603.05	1/4	4,243.72	1/4	3,884.39	1/4	3,525.06	1/4	3,165.73	1/4	2,806.41
1/2		1/2		1/2		1/2	4,954.89	1/2	4,595.56	1/2	4,236.23	1/2	3,876.91	1/2	3,517.58	1/2	3,158.25	1/2	2,798.92
3/4		3/4		3/4		3/4	4,947.40	3/4	4,588.08	3/4	4,228.75	3/4	3,869.42	3/4	3,510.09	3/4	3,150.76	3/4	2,791.43
3		3		3		3	4,939.92	3	4,580.59	3	4,221.26	3	3,861.94	3	3,502.61	3	3,143.28	3	2,783.95
1/4		1/4		1/4		1/4	4,932.43	1/4	4,573.10	1/4	4,213.77	1/4	3,854.45	1/4	3,495.12	1/4	3,135.79	1/4	2,776.46
1/2		1/2		1/2		1/2	4,924.95	1/2	4,565.62	1/2	4,206.29	1/2	3,846.96	1/2	3,487.63	1/2	3,128.31	1/2	2,768.97
3/4		3/4		3/4		3/4	4,917.46	3/4	4,558.13	3/4	4,198.80	3/4	3,839.48	3/4	3,480.15	3/4	3,120.82	3/4	2,761.49
4		4		4		4	4,909.98	4	4,550.65	4	4,191.32	4	3,831.99	4	3,472.66	4	3,113.34	4	2,754.00
1/4		1/4		1/4		1/4	4,902.49	1/4	4,543.16	1/4	4,183.83	1/4	3,824.50	1/4	3,465.17	1/4	3,105.85	1/4	2,746.52
1/2		1/2		1/2		1/2	4,895.00	1/2	4,535.67	1/2	4,176.35	1/2	3,817.02	1/2	3,457.69	1/2	3,098.36	1/2	2,739.03
3/4		3/4		3/4		3/4	4,887.52	3/4	4,528.19	3/4	4,168.86	3/4	3,809.53	3/4	3,450.20	3/4	3,090.88	3/4	2,731.54
5		5		5		5	4,880.03	5	4,520.70	5	4,161.38	5	3,802.05	5	3,442.72	5	3,083.39	5	2,724.06
1/4		1/4		1/4		1/4	4,872.54	1/4	4,513.21	1/4	4,153.89	1/4	3,794.56	1/4	3,435.23	1/4	3,075.90	1/4	2,716.57
1/2		1/2		1/2		1/2	4,865.06	1/2	4,505.73	1/2	4,146.40	1/2	3,787.07	1/2	3,427.75	1/2	3,068.42	1/2	2,709.08
3/4		3/4		3/4		3/4	4,857.57	3/4	4,498.24	3/4	4,138.92	3/4	3,779.59	3/4	3,420.26	3/4	3,060.93	3/4	2,701.60
6		6		6		6	4,850.09	6	4,490.76	6	4,131.43	6	3,772.10	6	3,412.78	6	3,053.45	6	2,694.11
1/4		1/4		1/4	5,119.51	1/4	4,842.60	1/4	4,483.27	1/4	4,123.94	1/4	3,764.61	1/4	3,405.29	1/4	3,045.96	1/4	2,686.63
1/2		1/2		1/2	5,118.67	1/2	4,835.11	1/2	4,475.79	1/2	4,116.46	1/2	3,757.13	1/2	3,397.80	1/2	3,038.47	1/2	2,679.14
3/4		3/4		3/4	5,117.83	3/4	4,827.63	3/4	4,468.30	3/4	4,108.97	3/4	3,749.64	3/4	3,390.32	3/4	3,030.99	3/4	2,671.66
7		7		7	5,116.98	7	4,820.14	7	4,460.82	7	4,101.49	7	3,742.16	7	3,382.83	7	3,023.50	7	2,664.17
1/4		1/4		1/4	5,116.14	1/4	4,812.65	1/4	4,453.33	1/4	4,094.00	1/4	3,734.67	1/4	3,375.34	1/4	3,016.01	1/4	2,656.69
1/2		1/2		1/2	5,114.11	1/2	4,805.17	1/2	4,445.84	1/2	4,086.51	1/2	3,727.19	1/2	3,367.86	1/2	3,008.53	1/2	2,649.20
3/4		3/4		3/4	5,112.07	3/4	4,797.68	3/4	4,438.36	3/4	4,079.03	3/4	3,719.70	3/4	3,360.37	3/4	3,001.04	3/4	2,641.71
8		8		8	5,110.04	8	4,790.20	8	4,430.87	8	4,071.54	8	3,712.22	8	3,352.89	8	2,993.56	8	2,634.23
1/4		1/4		1/4	5,108.00	1/4	4,782.71	1/4	4,423.38	1/4	4,064.05	1/4	3,704.73	1/4	3,345.40	1/4	2,986.07	1/4	2,626.74
1/2		1/2		1/2	5,104.60	1/2	4,775.23	1/2	4,415.90	1/2	4,056.57	1/2	3,697.24	1/2	3,337.91	1/2	2,978.59	1/2	2,619.25
3/4		3/4		3/4	5,101.20	3/4	4,767.74	3/4	4,408.41	3/4	4,049.08	3/4	3,689.76	3/4	3,330.43	3/4	2,971.10	3/4	2,611.77
9		9		9	5,097.80	9	4,760.26	9	4,400.93	9	4,041.60	9	3,682.27	9	3,322.94	9	2,963.62	9	2,604.28
1/4		1/4		1/4	5,094.40	1/4	4,752.77	1/4	4,393.44	1/4	4,034.11	1/4	3,674.78	1/4	3,315.45	1/4	2,956.13	1/4	2,596.80
1/2		1/2		1/2	5,089.64	1/2	4,745.28	1/2	4,385.95	1/2	4,026.63	1/2	3,667.30	1/2	3,307.97	1/2	2,948.64	1/2	2,589.31
3/4		3/4		3/4	5,084.88	3/4	4,737.80	3/4	4,378.47	3/4	4,019.14	3/4	3,659.81	3/4	3,300.48	3/4	2,941.16	3/4	2,581.82
10		10		10	5,080.11	10	4,730.31	10	4,370.98	10	4,011.66	10	3,652.33	10	3,293.00	10	2,933.67	10	2,574.34
1/4		1/4		1/4	5,075.35	1/4	4,722.82	1/4	4,363.49	1/4	4,004.17	1/4	3,644.84	1/4	3,285.51	1/4	2,926.18	1/4	2,566.85
1/2		1/2		1/2	5,069.23	1/2	4,715.34	1/2	4,356.01	1/2	3,996.68	1/2	3,637.35	1/2	3,278.03	1/2	2,918.70	1/2	2,559.36
3/4		3/4		3/4	5,063.10	3/4	4,707.85	3/4	4,348.52	3/4	3,989.20	3/4	3,629.87	3/4	3,270.54	3/4	2,911.21	3/4	2,551.88
11		11		11	5,056.98	11	4,700.37	11	4,341.04	11	3,981.71	11	3,622.38	11	3,263.06	11	2,903.73	11	2,544.39
1/4		1/4		1/4	5,050.85	1/4	4,692.88	1/4	4,333.55	1/4	3,974.22	1/4	3,614.89	1/4	3,255.57	1/4	2,896.24	1/4	2,536.91
1/2		1/2		1/2	5,043.70	1/2	4,685.39	1/2	4,326.07	1/2	3,966.74	1/2	3,607.41	1/2	3,248.08	1/2	2,888.75	1/2	2,529.42
3/4		3/4		3/4	5,036.56	3/4	4,677.91	3/4	4,318.58	3/4	3,959.25	3/4	3,599.92	3/4	3,240.60	3/4	2,881.27	3/4	2,521.94

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 30084"

2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3015"

GAUGE HEIGHT 17'-00 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	2,514.45	0	2,155.12	0	1,795.79	0	1,436.47	0	1,077.62	0	719.34	0	359.82	0	22.13	0		0	
1/4	2,506.97	1/4	2,147.64	1/4	1,788.31	1/4	1,428.98	1/4	1,070.16	1/4	711.85	1/4	352.33	1/4	18.05	1/4		1/4	
1/2	2,499.48	1/2	2,140.15	1/2	1,780.82	1/2	1,421.49	1/2	1,062.70	1/2	704.36	1/2	344.84	1/2		1/2		1/2	
3/4	2,491.99	3/4	2,132.66	3/4	1,773.34	3/4	1,414.01	3/4	1,055.24	3/4	696.87	3/4	337.35	3/4		3/4		3/4	
1	2,484.51	1	2,125.18	1	1,765.85	1	1,406.52	1	1,047.79	1	689.38	1	329.86	1	1	1		1	
1/4	2,477.02	1/4	2,117.69	1/4	1,758.37	1/4	1,399.04	1/4	1,040.33	1/4	681.89	1/4	322.37	1/4		1/4		1/4	
1/2	2,469.53	1/2	2,110.20	1/2	1,750.88	1/2	1,391.55	1/2	1,032.87	1/2	674.40	1/2	314.88	1/2		1/2		1/2	
3/4	2,462.05	3/4	2,102.72	3/4	1,743.39	3/4	1,384.06	3/4	1,025.41	3/4	666.91	3/4	307.39	3/4		3/4		3/4	
2	2,454.56	2	2,095.23	2	1,735.91	2	1,376.58	2	1,017.95	2	659.42	2	299.90	2	2	2		2	
1/4	2,447.08	1/4	2,087.75	1/4	1,728.42	1/4	1,369.09	1/4	1,010.49	1/4	651.93	1/4	292.41	1/4		1/4		1/4	
1/2	2,439.59	1/2	2,080.26	1/2	1,720.93	1/2	1,361.60	1/2	1,003.03	1/2	644.44	1/2	284.92	1/2		1/2		1/2	
3/4	2,432.10	3/4	2,072.78	3/4	1,713.45	3/4	1,354.12	3/4	995.57	3/4	636.95	3/4	277.43	3/4		3/4		3/4	
3	2,424.62	3	2,065.29	3	1,705.96	3	1,346.63	3	988.12	3	629.46	3	269.94	3	3	3		3	
1/4	2,417.13	1/4	2,057.81	1/4	1,698.48	1/4	1,339.15	1/4	980.66	1/4	621.97	1/4	262.45	1/4		1/4		1/4	
1/2	2,409.64	1/2	2,050.32	1/2	1,690.99	1/2	1,331.66	1/2	973.20	1/2	614.48	1/2	254.96	1/2		1/2		1/2	
3/4	2,402.16	3/4	2,042.83	3/4	1,683.50	3/4	1,324.18	3/4	965.74	3/4	606.99	3/4	247.47	3/4		3/4		3/4	
4	2,394.67	4	2,035.35	4	1,676.02	4	1,316.69	4	958.29	4	598.50	4	239.98	4	4	4		4	
1/4	2,387.19	1/4	2,027.86	1/4	1,668.53	1/4	1,309.21	1/4	950.83	1/4	592.01	1/4	232.49	1/4		1/4		1/4	
1/2	2,379.70	1/2	2,020.37	1/2	1,661.04	1/2	1,301.72	1/2	943.37	1/2	584.52	1/2	225.00	1/2		1/2		1/2	
3/4	2,372.22	3/4	2,012.89	3/4	1,653.56	3/4	1,294.23	3/4	935.91	3/4	577.03	3/4	217.51	3/4		3/4		3/4	
5	2,364.73	5	2,005.40	5	1,646.07	5	1,286.75	5	928.46	5	569.54	5	210.02	5	5	5		5	
1/4	2,357.25	1/4	1,997.92	1/4	1,638.59	1/4	1,279.26	1/4	921.00	1/4	562.05	1/4	202.53	1/4		1/4		1/4	
1/2	2,349.76	1/2	1,990.43	1/2	1,631.10	1/2	1,271.77	1/2	913.54	1/2	554.56	1/2	195.04	1/2		1/2		1/2	
3/4	2,342.27	3/4	1,982.94	3/4	1,623.62	3/4	1,264.29	3/4	906.08	3/4	547.07	3/4	187.55	3/4		3/4		3/4	
6	2,334.79	6	1,975.46	6	1,616.13	6	1,256.80	6	898.63	6	539.58	6	180.06	6	6	6		6	
1/4	2,327.30	1/4	1,967.97	1/4	1,608.65	1/4	1,249.32	1/4	891.17	1/4	532.09	1/4	172.57	1/4		1/4		1/4	
1/2	2,319.81	1/2	1,960.48	1/2	1,601.16	1/2	1,241.83	1/2	883.71	1/2	524.60	1/2	165.08	1/2		1/2		1/2	
3/4	2,312.33	3/4	1,953.00	3/4	1,593.67	3/4	1,234.34	3/4	876.25	3/4	517.11	3/4	157.59	3/4		3/4		3/4	
7	2,304.84	7	1,945.51	7	1,586.19	7	1,226.86	7	868.79	7	509.62	7	150.10	7	7	7		7	
1/4	2,297.36	1/4	1,938.03	1/4	1,578.70	1/4	1,219.37	1/4	861.33	1/4	502.13	1/4	142.61	1/4		1/4		1/4	
1/2	2,289.87	1/2	1,930.54	1/2	1,571.21	1/2	1,211.90	1/2	853.87	1/2	494.64	1/2	135.12	1/2		1/2		1/2	
3/4	2,282.38	3/4	1,923.06	3/4	1,563.73	3/4	1,204.43	3/4	846.41	3/4	487.15	3/4	127.63	3/4		3/4		3/4	
8	2,274.90	8	1,915.57	8	1,556.24	8	1,196.96	8	838.96	8	479.66	8	120.14	8	8	8		8	
1/4	2,267.41	1/4	1,908.09	1/4	1,548.76	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	2,259.92	1/2	1,900.60	1/2	1,541.27	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	2,252.44	3/4	1,893.11	3/4	1,533.78	3/4	1,174.57	3/4	816.58	3/4	457.19	3/4	97.67	3/4		3/4		3/4	
9	2,244.95	9	1,885.63	9	1,526.30	9	1,167.11	9	809.13	9	449.70	9	90.18	9	9	9		9	
1/4	2,237.47	1/4	1,878.14	1/4	1,518.81	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	2,229.98	1/2	1,870.65	1/2	1,511.32	1/2	1,152.19	1/2	794.19	1/2	434.72	1/2	76.05	1/2		1/2		1/2	
3/4	2,222.50	3/4	1,863.17	3/4	1,503.84	3/4	1,144.73	3/4	786.72	3/4	427.23	3/4	69.41	3/4		3/4		3/4	
10	2,215.01	10	1,855.68	10	1,496.35	10	1,137.28	10	779.24	10	419.74	10	62.78	10	10	10		10	
1/4	2,207.53	1/4	1,848.20	1/4	1,488.87	1/4	1,129.82	1/4	771.77	1/4	412.25	1/4	56.14	1/4		1/4		1/4	
1/2	2,200.04	1/2	1,840.71	1/2	1,481.38	1/2	1,122.36	1/2	764.28	1/2	404.76	1/2	50.70	1/2		1/2		1/2	
3/4	2,192.55	3/4	1,833.22	3/4	1,473.90	3/4	1,114.90	3/4	756.79	3/4	397.27	3/4	45.25	3/4		3/4		3/4	
11	2,185.07	11	1,825.74	11	1,466.41	11	1,107.45	11	749.30	11	389.78	11	39.81	11	11	11		11	
1/4	2,177.58	1/4	1,818.25	1/4	1,458.93	1/4	1,099.99	1/4	741.81	1/4	382.29	1/4	34.37	1/4		1/4		1/4	
1/2	2,170.09	1/2	1,810.76	1/2	1,451.44	1/2	1,092.53	1/2	734.32	1/2	374.80	1/2	30.29	1/2		1/2		1/2	
3/4	2,162.61	3/4	1,803.28	3/4	1,443.95	3/4	1,085.07	3/4	726.83	3/4	367.31	3/4	26.21	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2002 INS
RECALCULATED: 08/22/2022 CL
REPRINTED: 08/22/2022 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2022

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 30084"

2 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3015"

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	4,999.81	0	4,640.48	0	4,281.15	0	3,921.82	0	3,562.50	0	3,203.17	0	2,843.83
1/4		1/4		1/4		1/4	4,992.32	1/4	4,632.99	1/4	4,273.66	1/4	3,914.33	1/4	3,555.01	1/4	3,195.68	1/4	2,836.35
1/2		1/2		1/2		1/2	4,984.83	1/2	4,625.51	1/2	4,266.18	1/2	3,906.85	1/2	3,547.52	1/2	3,188.19	1/2	2,828.86
3/4		3/4		3/4		3/4	4,977.35	3/4	4,618.02	3/4	4,258.69	3/4	3,899.36	3/4	3,540.04	3/4	3,180.71	3/4	2,821.38
1		1		1		1	4,969.86	1	4,610.54	1	4,251.21	1	3,891.88	1	3,532.55	1	3,173.22	1	2,813.89
1/4		1/4		1/4		1/4	4,962.37	1/4	4,603.05	1/4	4,243.72	1/4	3,884.39	1/4	3,525.06	1/4	3,165.73	1/4	2,806.41
1/2		1/2		1/2		1/2	4,954.89	1/2	4,595.56	1/2	4,236.23	1/2	3,876.91	1/2	3,517.58	1/2	3,158.25	1/2	2,798.92
3/4		3/4		3/4		3/4	4,947.40	3/4	4,588.08	3/4	4,228.75	3/4	3,869.42	3/4	3,510.09	3/4	3,150.76	3/4	2,791.43
2		2		2		2	4,939.92	2	4,580.59	2	4,221.26	2	3,861.94	2	3,502.61	2	3,143.28	2	2,783.95
1/4		1/4		1/4		1/4	4,932.43	1/4	4,573.10	1/4	4,213.77	1/4	3,854.45	1/4	3,495.12	1/4	3,135.79	1/4	2,776.46
1/2		1/2		1/2		1/2	4,924.95	1/2	4,565.62	1/2	4,206.29	1/2	3,846.96	1/2	3,487.63	1/2	3,128.31	1/2	2,768.97
3/4		3/4		3/4		3/4	4,917.46	3/4	4,558.13	3/4	4,198.80	3/4	3,839.48	3/4	3,480.15	3/4	3,120.82	3/4	2,761.49
3		3		3		3	4,909.98	3	4,550.65	3	4,191.32	3	3,831.99	3	3,472.66	3	3,113.34	3	2,754.00
1/4		1/4		1/4		1/4	4,902.49	1/4	4,543.16	1/4	4,183.83	1/4	3,824.50	1/4	3,465.17	1/4	3,105.85	1/4	2,746.52
1/2		1/2		1/2		1/2	4,895.00	1/2	4,535.67	1/2	4,176.35	1/2	3,817.02	1/2	3,457.69	1/2	3,098.36	1/2	2,739.03
3/4		3/4		3/4		3/4	4,887.52	3/4	4,528.19	3/4	4,168.86	3/4	3,809.53	3/4	3,450.20	3/4	3,090.88	3/4	2,731.54
4		4		4		4	4,880.03	4	4,520.70	4	4,161.38	4	3,802.05	4	3,442.72	4	3,083.39	4	2,724.06
1/4		1/4		1/4		1/4	4,872.54	1/4	4,513.21	1/4	4,153.89	1/4	3,794.56	1/4	3,435.23	1/4	3,075.90	1/4	2,716.57
1/2		1/2		1/2		1/2	4,865.06	1/2	4,505.73	1/2	4,146.40	1/2	3,787.07	1/2	3,427.75	1/2	3,068.42	1/2	2,709.08
3/4		3/4		3/4		3/4	4,857.57	3/4	4,498.24	3/4	4,138.92	3/4	3,779.59	3/4	3,420.26	3/4	3,060.93	3/4	2,701.60
5		5		5		5	4,850.09	5	4,490.76	5	4,131.43	5	3,772.10	5	3,412.78	5	3,053.45	5	2,694.11
1/4		1/4		1/4	5,119.51	1/4	4,842.60	1/4	4,483.27	1/4	4,123.94	1/4	3,764.61	1/4	3,405.29	1/4	3,045.96	1/4	2,686.63
1/2		1/2		1/2	5,118.67	1/2	4,835.11	1/2	4,475.79	1/2	4,116.46	1/2	3,757.13	1/2	3,397.80	1/2	3,038.47	1/2	2,679.14
3/4		3/4		3/4	5,117.83	3/4	4,827.63	3/4	4,468.30	3/4	4,108.97	3/4	3,749.64	3/4	3,390.32	3/4	3,030.99	3/4	2,671.66
6		6		6	5,116.98	6	4,820.14	6	4,460.82	6	4,101.49	6	3,742.16	6	3,382.83	6	3,023.50	6	2,664.17
1/4		1/4		1/4	5,116.14	1/4	4,812.65	1/4	4,453.33	1/4	4,094.00	1/4	3,734.67	1/4	3,375.34	1/4	3,016.01	1/4	2,656.69
1/2		1/2		1/2	5,114.11	1/2	4,805.17	1/2	4,445.84	1/2	4,086.51	1/2	3,727.19	1/2	3,367.86	1/2	3,008.53	1/2	2,649.20
3/4		3/4		3/4	5,112.07	3/4	4,797.68	3/4	4,438.36	3/4	4,079.03	3/4	3,719.70	3/4	3,360.37	3/4	3,001.04	3/4	2,641.71
7		7		7	5,110.04	7	4,790.20	7	4,430.87	7	4,071.54	7	3,712.22	7	3,352.89	7	2,993.56	7	2,634.23
1/4		1/4		1/4	5,108.00	1/4	4,782.71	1/4	4,423.38	1/4	4,064.05	1/4	3,704.73	1/4	3,345.40	1/4	2,986.07	1/4	2,626.74
1/2		1/2		1/2	5,104.60	1/2	4,775.23	1/2	4,415.90	1/2	4,056.57	1/2	3,697.24	1/2	3,337.91	1/2	2,978.59	1/2	2,619.25
3/4		3/4		3/4	5,101.20	3/4	4,767.74	3/4	4,408.41	3/4	4,049.08	3/4	3,689.76	3/4	3,330.43	3/4	2,971.10	3/4	2,611.77
8		8		8	5,097.80	8	4,760.26	8	4,400.93	8	4,041.60	8	3,682.27	8	3,322.94	8	2,963.62	8	2,604.28
1/4		1/4		1/4	5,094.40	1/4	4,752.77	1/4	4,393.44	1/4	4,034.11	1/4	3,674.78	1/4	3,315.45	1/4	2,956.13	1/4	2,596.80
1/2		1/2		1/2	5,089.64	1/2	4,745.28	1/2	4,385.95	1/2	4,026.63	1/2	3,667.30	1/2	3,307.97	1/2	2,948.64	1/2	2,589.31
3/4		3/4		3/4	5,084.88	3/4	4,737.80	3/4	4,378.47	3/4	4,019.14	3/4	3,659.81	3/4	3,300.48	3/4	2,941.16	3/4	2,581.82
9		9		9	5,080.11	9	4,730.31	9	4,370.98	9	4,011.66	9	3,652.33	9	3,293.00	9	2,933.67	9	2,574.34
1/4		1/4		1/4	5,075.35	1/4	4,722.82	1/4	4,363.49	1/4	4,004.17	1/4	3,644.84	1/4	3,285.51	1/4	2,926.18	1/4	2,566.85
1/2		1/2		1/2	5,069.23	1/2	4,715.34	1/2	4,356.01	1/2	3,996.68	1/2	3,637.35	1/2	3,278.03	1/2	2,918.70	1/2	2,559.36
3/4		3/4		3/4	5,063.10	3/4	4,707.85	3/4	4,348.52	3/4	3,989.20	3/4	3,629.87	3/4	3,270.54	3/4	2,911.21	3/4	2,551.88
10		10		10	5,056.98	10	4,700.37	10	4,341.04	10	3,981.71	10	3,622.38	10	3,263.06	10	2,903.73	10	2,544.39
1/4		1/4		1/4	5,050.85	1/4	4,692.88	1/4	4,333.55	1/4	3,974.22	1/4	3,614.89	1/4	3,255.57	1/4	2,896.24	1/4	2,536.91
1/2		1/2		1/2	5,043.70	1/2	4,685.39	1/2	4,326.07	1/2	3,966.74	1/2	3,607.41	1/2	3,248.08	1/2	2,888.75	1/2	2,529.42
3/4		3/4		3/4	5,036.56	3/4	4,677.91	3/4	4,318.58	3/4	3,959.25	3/4	3,599.92	3/4	3,240.60	3/4	2,881.27	3/4	2,521.94
11		11		11	5,029.41	11	4,670.42	11	4,311.10	11	3,951.77	11	3,592.44	11	3,233.11	11	2,873.78	11	2,514.45
1/4		1/4		1/4	5,022.26	1/4	4,662.93	1/4	4,303.61	1/4	3,944.28	1/4	3,584.95	1/4	3,225.62	1/4	2,866.29	1/4	2,506.97
1/2		1/2		1/2	5,014.78	1/2	4,655.45	1/2	4,296.12	1/2	3,936.79	1/2	3,577.47	1/2	3,218.14	1/2	2,858.80	1/2	2,499.48
3/4		3/4		3/4	5,007.29	3/4	4,647.96	3/4	4,288.64	3/4	3,929.31	3/4	3,569.98	3/4	3,210.65	3/4	2,851.32	3/4	2,491.99

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 30084"

2 STBD

ULLAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3015"

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	2,484.51	0	2,125.18	0	1,765.85	0	1,406.52	0	1,047.79	0	689.38	0	329.86	0		0		0	
1/4	2,477.02	1/4	2,117.69	1/4	1,758.37	1/4	1,399.04	1/4	1,040.33	1/4	681.89	1/4	322.37	1/4	1/4	1/4		1/4	1/4
1/2	2,469.53	1/2	2,110.20	1/2	1,750.88	1/2	1,391.55	1/2	1,032.87	1/2	674.40	1/2	314.88	1/2	1/2	1/2		1/2	1/2
3/4	2,462.05	3/4	2,102.72	3/4	1,743.39	3/4	1,384.06	3/4	1,025.41	3/4	666.91	3/4	307.39	3/4	3/4	3/4		3/4	3/4
1	2,454.56	1	2,095.23	1	1,735.91	1	1,376.58	1	1,017.95	1	659.42	1	299.90	1	1	1		1	1
1/4	2,447.08	1/4	2,087.75	1/4	1,728.42	1/4	1,369.09	1/4	1,010.49	1/4	651.93	1/4	292.41	1/4	1/4	1/4		1/4	1/4
1/2	2,439.59	1/2	2,080.26	1/2	1,720.93	1/2	1,361.60	1/2	1,003.03	1/2	644.44	1/2	284.92	1/2	1/2	1/2		1/2	1/2
3/4	2,432.10	3/4	2,072.78	3/4	1,713.45	3/4	1,354.12	3/4	995.57	3/4	636.95	3/4	277.43	3/4	3/4	3/4		3/4	3/4
2	2,424.62	2	2,065.29	2	1,705.96	2	1,346.63	2	988.12	2	629.46	2	269.94	2	2	2		2	2
1/4	2,417.13	1/4	2,057.81	1/4	1,698.48	1/4	1,339.15	1/4	980.66	1/4	621.97	1/4	262.45	1/4	1/4	1/4		1/4	1/4
1/2	2,409.64	1/2	2,050.32	1/2	1,690.99	1/2	1,331.66	1/2	973.20	1/2	614.48	1/2	254.96	1/2	1/2	1/2		1/2	1/2
3/4	2,402.16	3/4	2,042.83	3/4	1,683.50	3/4	1,324.18	3/4	965.74	3/4	606.99	3/4	247.47	3/4	3/4	3/4		3/4	3/4
3	2,394.67	3	2,035.35	3	1,676.02	3	1,316.69	3	958.29	3	599.50	3	239.98	3	3	3		3	3
1/4	2,387.19	1/4	2,027.86	1/4	1,668.53	1/4	1,309.21	1/4	950.83	1/4	592.01	1/4	232.49	1/4	1/4	1/4		1/4	1/4
1/2	2,379.70	1/2	2,020.37	1/2	1,661.04	1/2	1,301.72	1/2	943.37	1/2	584.52	1/2	225.00	1/2	1/2	1/2		1/2	1/2
3/4	2,372.22	3/4	2,012.89	3/4	1,653.56	3/4	1,294.23	3/4	935.91	3/4	577.03	3/4	217.51	3/4	3/4	3/4		3/4	3/4
4	2,364.73	4	2,005.40	4	1,646.07	4	1,286.75	4	928.46	4	569.54	4	210.02	4	4	4		4	4
1/4	2,357.25	1/4	1,997.92	1/4	1,638.59	1/4	1,279.26	1/4	921.00	1/4	562.05	1/4	202.53	1/4	1/4	1/4		1/4	1/4
1/2	2,349.76	1/2	1,990.43	1/2	1,631.10	1/2	1,271.77	1/2	913.54	1/2	554.56	1/2	195.04	1/2	1/2	1/2		1/2	1/2
3/4	2,342.27	3/4	1,982.94	3/4	1,623.62	3/4	1,264.29	3/4	906.08	3/4	547.07	3/4	187.55	3/4	3/4	3/4		3/4	3/4
5	2,334.79	5	1,975.46	5	1,616.13	5	1,256.80	5	898.63	5	539.58	5	180.06	5	5	5		5	5
1/4	2,327.30	1/4	1,967.97	1/4	1,608.65	1/4	1,249.32	1/4	891.17	1/4	532.09	1/4	172.57	1/4	1/4	1/4		1/4	1/4
1/2	2,319.81	1/2	1,960.48	1/2	1,601.16	1/2	1,241.83	1/2	883.71	1/2	524.60	1/2	165.08	1/2	1/2	1/2		1/2	1/2
3/4	2,312.33	3/4	1,953.00	3/4	1,593.67	3/4	1,234.34	3/4	876.25	3/4	517.11	3/4	157.59	3/4	3/4	3/4		3/4	3/4
6	2,304.84	6	1,945.51	6	1,586.19	6	1,226.86	6	868.79	6	509.62	6	150.10	6	6	6		6	6
1/4	2,297.36	1/4	1,938.03	1/4	1,578.70	1/4	1,219.37	1/4	861.33	1/4	502.13	1/4	142.61	1/4	1/4	1/4		1/4	1/4
1/2	2,289.87	1/2	1,930.54	1/2	1,571.21	1/2	1,211.90	1/2	853.87	1/2	494.64	1/2	135.12	1/2	1/2	1/2		1/2	1/2
3/4	2,282.38	3/4	1,923.06	3/4	1,563.73	3/4	1,204.43	3/4	846.41	3/4	487.15	3/4	127.63	3/4	3/4	3/4		3/4	3/4
7	2,274.90	7	1,915.57	7	1,556.24	7	1,196.96	7	838.96	7	479.66	7	120.14	7	7	7		7	7
1/4	2,267.41	1/4	1,908.09	1/4	1,548.76	1/4	1,189.49	1/4	831.50	1/4	472.17	1/4	112.65	1/4	1/4	1/4		1/4	1/4
1/2	2,259.92	1/2	1,900.60	1/2	1,541.27	1/2	1,182.03	1/2	824.04	1/2	464.68	1/2	105.16	1/2	1/2	1/2		1/2	1/2
3/4	2,252.44	3/4	1,893.11	3/4	1,533.78	3/4	1,174.57	3/4	816.58	3/4	457.19	3/4	97.67	3/4	3/4	3/4		3/4	3/4
8	2,244.95	8	1,885.63	8	1,526.30	8	1,167.11	8	809.13	8	449.70	8	90.18	8	8	8		8	8
1/4	2,237.47	1/4	1,878.14	1/4	1,518.81	1/4	1,159.65	1/4	801.67	1/4	442.21	1/4	82.69	1/4	1/4	1/4		1/4	1/4
1/2	2,229.98	1/2	1,870.65	1/2	1,511.32	1/2	1,152.19	1/2	794.19	1/2	434.72	1/2	75.20	1/2	1/2	1/2		1/2	1/2
3/4	2,222.50	3/4	1,863.17	3/4	1,503.84	3/4	1,144.73	3/4	786.72	3/4	427.23	3/4	67.71	3/4	3/4	3/4		3/4	3/4
9	2,215.01	9	1,855.68	9	1,496.35	9	1,137.28	9	779.24	9	419.74	9	60.22	9	9	9		9	9
1/4	2,207.53	1/4	1,848.20	1/4	1,488.87	1/4	1,129.82	1/4	771.77	1/4	412.25	1/4	52.73	1/4	1/4	1/4		1/4	1/4
1/2	2,200.04	1/2	1,840.71	1/2	1,481.38	1/2	1,122.36	1/2	764.28	1/2	404.76	1/2	45.24	1/2	1/2	1/2		1/2	1/2
3/4	2,192.55	3/4	1,833.22	3/4	1,473.90	3/4	1,114.90	3/4	756.79	3/4	397.27	3/4	37.75	3/4	3/4	3/4		3/4	3/4
10	2,185.07	10	1,825.74	10	1,466.41	10	1,107.45	10	749.30	10	389.78	10	30.26	10	10	10		10	10
1/4	2,177.58	1/4	1,818.25	1/4	1,458.93	1/4	1,099.99	1/4	741.81	1/4	382.29	1/4	22.77	1/4	1/4	1/4		1/4	1/4
1/2	2,170.09	1/2	1,810.76	1/2	1,451.44	1/2	1,092.53	1/2	734.32	1/2	374.80	1/2	15.28	1/2	1/2	1/2		1/2	1/2
3/4	2,162.61	3/4	1,803.28	3/4	1,443.95	3/4	1,085.07	3/4	726.83	3/4	367.31	3/4	7.79	3/4	3/4	3/4		3/4	3/4
11	2,155.12	11	1,795.79	11	1,436.47	11	1,077.62	11	719.34	11	359.82	11	20.30	11	11	11		11	11
1/4	2,147.64	1/4	1,788.31	1/4	1,428.98	1/4	1,070.16	1/4	711.85	1/4	352.33	1/4	12.81	1/4	1/4	1/4		1/4	1/4
1/2	2,140.15	1/2	1,780.82	1/2	1,421.49	1/2	1,062.70	1/2	704.36	1/2	344.84	1/2	5.32	1/2	1/2	1/2		1/2	1/2
3/4	2,132.66	3/4	1,773.34	3/4	1,414.01	3/4	1,055.24	3/4	696.87	3/4	337.35	3/4	-2.17	3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2002 INS
RECALCULATED: 08/22/2022 CL
REPRINTED: 08/22/2022 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2022

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



BARGE "KIRBY 30084"

3 PORT ULLAGE TABLE

HERMETIC GAUGE HEIGHT 16'-11"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3015"

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		0	4,432.09	0	4,217.37	0	3,982.65	0	3,747.93	0	3,513.21	0	3,183.86	0	2,825.98		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,447.20	1/4	4,212.48	1/4	3,977.76	1/4	3,743.04	1/4	3,508.04	1/4	3,176.40	1/4	2,818.52		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,442.31	1/2	4,207.59	1/2	3,972.87	1/2	3,738.15	1/2	3,502.86	1/2	3,168.95	1/2	2,811.07		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,437.42	3/4	4,202.70	3/4	3,967.98	3/4	3,733.26	3/4	3,497.69	3/4	3,161.49	3/4	2,803.61		
1	1	1	1	1	1	1	4,432.53	1	4,197.81	1	3,963.09	1	3,728.37	1	3,492.52	1	3,154.04	1	2,796.15		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,427.64	1/4	4,192.92	1/4	3,958.20	1/4	3,723.48	1/4	3,486.94	1/4	3,146.58	1/4	2,788.70		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,422.75	1/2	4,188.03	1/2	3,953.31	1/2	3,718.59	1/2	3,481.35	1/2	3,139.13	1/2	2,781.24		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,417.86	3/4	4,183.14	3/4	3,948.42	3/4	3,713.70	3/4	3,475.77	3/4	3,131.67	3/4	2,773.79		
2	2	2	2	2	2	2	4,412.97	2	4,178.25	2	3,943.53	2	3,708.81	2	3,470.19	2	3,124.22	2	2,766.33		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,408.08	1/4	4,173.36	1/4	3,938.64	1/4	3,703.92	1/4	3,464.14	1/4	3,116.76	1/4	2,758.87		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,403.19	1/2	4,168.47	1/2	3,933.75	1/2	3,699.03	1/2	3,458.10	1/2	3,109.30	1/2	2,751.42		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,398.30	3/4	4,163.58	3/4	3,928.86	3/4	3,694.14	3/4	3,452.05	3/4	3,101.85	3/4	2,743.96		
3	3	3	3	3	3	3	4,393.41	3	4,158.69	3	3,923.97	3	3,689.25	3	3,446.01	3	3,094.39	3	2,736.50		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,388.52	1/4	4,153.80	1/4	3,919.08	1/4	3,684.36	1/4	3,439.50	1/4	3,086.93	1/4	2,729.05		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,383.63	1/2	4,148.91	1/2	3,914.19	1/2	3,679.47	1/2	3,432.98	1/2	3,079.48	1/2	2,721.59		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,378.74	3/4	4,144.02	3/4	3,909.30	3/4	3,674.58	3/4	3,426.47	3/4	3,072.02	3/4	2,714.14		
4	4	4	4	4	4	4	4,373.85	4	4,139.13	4	3,904.41	4	3,669.69	4	3,419.96	4	3,066.57	4	2,706.68		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,368.96	1/4	4,134.24	1/4	3,899.52	1/4	3,664.80	1/4	3,412.99	1/4	3,057.11	1/4	2,699.23		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,364.07	1/2	4,129.35	1/2	3,894.63	1/2	3,659.91	1/2	3,406.02	1/2	3,049.65	1/2	2,691.77		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,359.18	3/4	4,124.46	3/4	3,889.74	3/4	3,655.02	3/4	3,399.06	3/4	3,042.20	3/4	2,684.32		
5	5	5	5	5	5	5	4,535.14	5	4,354.29	5	4,119.57	5	3,884.85	5	3,650.13	5	3,392.09	5	3,034.74	5	2,676.86
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,534.59	1/4	4,349.40	1/4	4,114.68	1/4	3,879.96	1/4	3,645.24	1/4	3,384.77	1/4	3,027.28	1/4	2,669.40
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,534.05	1/2	4,344.51	1/2	4,109.79	1/2	3,875.07	1/2	3,640.35	1/2	3,377.45	1/2	3,019.83	1/2	2,661.95
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,533.50	3/4	4,339.62	3/4	4,104.90	3/4	3,870.18	3/4	3,635.46	3/4	3,370.13	3/4	3,012.37	3/4	2,654.49
6	6	6	6	6	6	6	4,532.95	6	4,334.73	6	4,100.01	6	3,865.29	6	3,630.57	6	3,362.81	6	3,004.92	6	2,647.03
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,531.62	1/4	4,329.84	1/4	4,095.12	1/4	3,860.40	1/4	3,625.68	1/4	3,355.35	1/4	2,997.46	1/4	2,639.58
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,530.30	1/2	4,324.95	1/2	4,090.23	1/2	3,855.51	1/2	3,620.79	1/2	3,347.89	1/2	2,990.01	1/2	2,632.12
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,528.97	3/4	4,320.06	3/4	4,085.34	3/4	3,850.62	3/4	3,615.90	3/4	3,340.44	3/4	2,982.55	3/4	2,624.67
7	7	7	7	7	7	7	4,527.64	7	4,315.17	7	4,080.45	7	3,845.73	7	3,611.01	7	3,332.98	7	2,975.10	7	2,617.21
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,525.42	1/4	4,310.28	1/4	4,075.56	1/4	3,840.84	1/4	3,606.12	1/4	3,325.52	1/4	2,967.64	1/4	2,609.75
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,523.21	1/2	4,305.39	1/2	4,070.67	1/2	3,835.95	1/2	3,601.23	1/2	3,318.07	1/2	2,960.18	1/2	2,602.30
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,520.99	3/4	4,300.50	3/4	4,065.78	3/4	3,831.06	3/4	3,596.34	3/4	3,310.61	3/4	2,952.73	3/4	2,594.84
8	8	8	8	8	8	8	4,518.77	8	4,295.61	8	4,060.89	8	3,826.17	8	3,591.45	8	3,303.16	8	2,945.27	8	2,587.38
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,515.66	1/4	4,290.72	1/4	4,056.00	1/4	3,821.28	1/4	3,586.56	1/4	3,295.70	1/4	2,937.81	1/4	2,579.93
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,512.55	1/2	4,285.83	1/2	4,051.11	1/2	3,816.39	1/2	3,581.67	1/2	3,288.25	1/2	2,930.36	1/2	2,572.47
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,509.44	3/4	4,280.94	3/4	4,046.22	3/4	3,811.50	3/4	3,576.78	3/4	3,280.79	3/4	2,922.90	3/4	2,565.02
9	9	9	9	9	9	9	4,506.33	9	4,276.05	9	4,041.33	9	3,806.61	9	3,571.89	9	3,273.34	9	2,915.45	9	2,557.56
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,502.33	1/4	4,271.16	1/4	4,036.44	1/4	3,801.72	1/4	3,567.00	1/4	3,265.88	1/4	2,907.99	1/4	2,550.11
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,498.33	1/2	4,266.27	1/2	4,031.55	1/2	3,796.83	1/2	3,562.11	1/2	3,258.42	1/2	2,900.53	1/2	2,542.65
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,494.33	3/4	4,261.38	3/4	4,026.66	3/4	3,791.94	3/4	3,557.22	3/4	3,250.97	3/4	2,893.08	3/4	2,535.20
10	10	10	10	10	10	10	4,490.33	10	4,256.49	10	4,021.77	10	3,787.05	10	3,552.33	10	3,243.51	10	2,885.62	10	2,527.74
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,485.66	1/4	4,251.60	1/4	4,016.88	1/4	3,782.16	1/4	3,547.44	1/4	3,236.05	1/4	2,878.16	1/4	2,520.28
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,480.99	1/2	4,246.71	1/2	4,011.99	1/2	3,777.27	1/2	3,542.55	1/2	3,228.60	1/2	2,870.71	1/2	2,512.83
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,476.32	3/4	4,241.82	3/4	4,007.10	3/4	3,772.38	3/4	3,537.66	3/4	3,221.14	3/4	2,863.25	3/4	2,505.37
11	11	11	11	11	11	11	4,471.65	11	4,236.93	11	4,002.21	11	3,767.49	11	3,532.77	11	3,213.69	11	2,855.80	11	2,497.91
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,466.76	1/4	4,232.04	1/4	3,997.32	1/4	3,762.60	1/4	3,527.88	1/4	3,206.23	1/4	2,848.34	1/4	2,490.46
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,461.87	1/2	4,227.15	1/2	3,992.43	1/2	3,757.71	1/2	3,522.99	1/2	3,198.77	1/2	2,840.89	1/2	2,483.00
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,456.98	3/4	4,222.26	3/4	3,987.54	3/4	3,752.82	3/4	3,518.10	3/4	3,191.32	3/4	2,833.43	3/4	2,475.55

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 30084"

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

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3015"

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	2,468.09	0	2,110.20	0	1,752.31	0	1,394.42	0	1,036.54	0	678.65	0	320.76	0		0		0	
1/4	2,460.63	1/4	2,102.75	1/4	1,744.86	1/4	1,386.97	1/4	1,029.08	1/4	671.19	1/4	313.31	1/4		1/4		1/4	
1/2	2,453.18	1/2	2,095.29	1/2	1,737.40	1/2	1,379.51	1/2	1,021.63	1/2	663.74	1/2	305.85	1/2		1/2		1/2	
3/4	2,445.72	3/4	2,087.84	3/4	1,729.95	3/4	1,372.06	3/4	1,014.17	3/4	656.28	3/4	298.40	3/4		3/4		3/4	
1	2,438.26	1	2,080.38	1	1,722.49	1	1,364.60	1	1,006.71	1	648.82	1	290.94	1		1		1	
1/4	2,430.81	1/4	2,072.92	1/4	1,715.03	1/4	1,357.15	1/4	999.26	1/4	641.37	1/4	283.48	1/4		1/4		1/4	
1/2	2,423.35	1/2	2,065.47	1/2	1,707.58	1/2	1,349.69	1/2	991.80	1/2	633.91	1/2	276.03	1/2		1/2		1/2	
3/4	2,415.90	3/4	2,058.01	3/4	1,700.12	3/4	1,342.24	3/4	984.35	3/4	626.46	3/4	268.57	3/4		3/4		3/4	
2	2,408.44	2	2,050.55	2	1,692.66	2	1,334.78	2	976.89	2	619.00	2	261.11	2		2		2	
1/4	2,400.99	1/4	2,043.10	1/4	1,685.21	1/4	1,327.32	1/4	969.43	1/4	611.55	1/4	253.66	1/4		1/4		1/4	
1/2	2,393.53	1/2	2,035.64	1/2	1,677.75	1/2	1,319.87	1/2	961.98	1/2	604.09	1/2	246.20	1/2		1/2		1/2	
3/4	2,386.08	3/4	2,028.19	3/4	1,670.30	3/4	1,312.41	3/4	954.52	3/4	596.64	3/4	238.75	3/4		3/4		3/4	
3	2,378.62	3	2,020.73	3	1,662.84	3	1,304.95	3	947.06	3	589.18	3	231.29	3		3		3	
1/4	2,371.16	1/4	2,013.27	1/4	1,655.39	1/4	1,297.50	1/4	939.61	1/4	581.72	1/4	223.83	1/4		1/4		1/4	
1/2	2,363.71	1/2	2,005.82	1/2	1,647.93	1/2	1,290.04	1/2	932.15	1/2	574.27	1/2	216.38	1/2		1/2		1/2	
3/4	2,356.25	3/4	1,998.36	3/4	1,640.48	3/4	1,282.59	3/4	924.70	3/4	566.81	3/4	208.92	3/4		3/4		3/4	
4	2,348.79	4	1,990.90	4	1,633.02	4	1,275.13	4	917.24	4	559.35	4	201.46	4		4		4	
1/4	2,341.34	1/4	1,983.45	1/4	1,625.56	1/4	1,267.67	1/4	909.79	1/4	551.90	1/4	194.01	1/4		1/4		1/4	
1/2	2,333.88	1/2	1,975.99	1/2	1,618.11	1/2	1,260.22	1/2	902.33	1/2	544.44	1/2	186.55	1/2		1/2		1/2	
3/4	2,326.43	3/4	1,968.54	3/4	1,610.65	3/4	1,252.76	3/4	894.88	3/4	536.99	3/4	179.10	3/4		3/4		3/4	
5	2,318.97	5	1,961.08	5	1,603.19	5	1,245.30	5	887.42	5	529.53	5	171.64	5		5		5	
1/4	2,311.51	1/4	1,953.63	1/4	1,595.74	1/4	1,237.85	1/4	879.96	1/4	522.07	1/4	164.19	1/4		1/4		1/4	
1/2	2,304.06	1/2	1,946.17	1/2	1,588.28	1/2	1,230.39	1/2	872.51	1/2	514.62	1/2	156.73	1/2		1/2		1/2	
3/4	2,296.60	3/4	1,938.72	3/4	1,580.83	3/4	1,222.94	3/4	865.05	3/4	507.16	3/4	149.28	3/4		3/4		3/4	
6	2,289.14	6	1,931.26	6	1,573.37	6	1,215.48	6	857.59	6	499.70	6	141.82	6		6		6	
1/4	2,281.69	1/4	1,923.80	1/4	1,565.91	1/4	1,208.03	1/4	850.14	1/4	492.25	1/4	134.36	1/4		1/4		1/4	
1/2	2,274.23	1/2	1,916.35	1/2	1,558.46	1/2	1,200.57	1/2	842.68	1/2	484.79	1/2	126.91	1/2		1/2		1/2	
3/4	2,266.78	3/4	1,908.89	3/4	1,551.00	3/4	1,193.12	3/4	835.23	3/4	477.34	3/4	119.45	3/4		3/4		3/4	
7	2,259.32	7	1,901.43	7	1,543.54	7	1,185.66	7	827.77	7	469.88	7	111.99	7		7		7	
1/4	2,251.87	1/4	1,893.98	1/4	1,536.09	1/4	1,178.20	1/4	820.31	1/4	462.43	1/4	104.54	1/4		1/4		1/4	
1/2	2,244.41	1/2	1,886.52	1/2	1,528.63	1/2	1,170.75	1/2	812.86	1/2	454.97	1/2	97.08	1/2		1/2		1/2	
3/4	2,236.96	3/4	1,879.07	3/4	1,521.18	3/4	1,163.29	3/4	805.40	3/4	447.52	3/4	89.63	3/4		3/4		3/4	
8	2,229.50	8	1,871.61	8	1,513.72	8	1,155.83	8	797.94	8	440.06	8	82.17	8		8		8	
1/4	2,222.04	1/4	1,864.15	1/4	1,506.27	1/4	1,148.38	1/4	790.49	1/4	432.60	1/4	75.58	1/4		1/4		1/4	
1/2	2,214.59	1/2	1,856.70	1/2	1,498.81	1/2	1,140.92	1/2	783.03	1/2	425.15	1/2	68.98	1/2		1/2		1/2	
3/4	2,207.13	3/4	1,849.24	3/4	1,491.36	3/4	1,133.47	3/4	775.58	3/4	417.69	3/4	62.39	3/4		3/4		3/4	
9	2,199.67	9	1,841.78	9	1,483.90	9	1,126.01	9	768.12	9	410.23	9	55.79	9		9		9	
1/4	2,192.22	1/4	1,834.33	1/4	1,476.44	1/4	1,118.55	1/4	760.67	1/4	402.78	1/4	50.38	1/4		1/4		1/4	
1/2	2,184.76	1/2	1,826.87	1/2	1,468.99	1/2	1,111.10	1/2	753.21	1/2	395.32	1/2	44.97	1/2		1/2		1/2	
3/4	2,177.31	3/4	1,819.42	3/4	1,461.53	3/4	1,103.64	3/4	745.76	3/4	387.87	3/4	39.56	3/4		3/4		3/4	
10	2,169.85	10	1,811.96	10	1,454.07	10	1,096.18	10	738.30	10	380.41	10	34.15	10		10		10	
1/4	2,162.39	1/4	1,804.51	1/4	1,446.62	1/4	1,088.73	1/4	730.84	1/4	372.95	1/4	30.10	1/4		1/4		1/4	
1/2	2,154.94	1/2	1,797.05	1/2	1,439.16	1/2	1,081.27	1/2	723.39	1/2	365.50	1/2	26.05	1/2		1/2		1/2	
3/4	2,147.48	3/4	1,789.60	3/4	1,431.71	3/4	1,073.82	3/4	715.93	3/4	358.04	3/4	22.00	3/4		3/4		3/4	
11	2,140.02	11	1,782.14	11	1,424.25	11	1,066.36	11	708.47	11	350.58	11	17.95	11		11		11	
1/4	2,132.57	1/4	1,774.68	1/4	1,416.79	1/4	1,058.91	1/4	701.02	1/4	343.13	1/4		1/4		1/4		1/4	
1/2	2,125.11	1/2	1,767.23	1/2	1,409.34	1/2	1,051.45	1/2	693.56	1/2	335.67	1/2		1/2		1/2		1/2	
3/4	2,117.66	3/4	1,759.77	3/4	1,401.88	3/4	1,044.00	3/4	686.11	3/4	328.22	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2002 INS
RECALCULATED: 08/22/2022 CL
REPRINTED: 08/22/2022 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2022

PRECISION MEASUREMENT
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BARGE "KIRBY 30084"

3 STBD ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3015"

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	4,456.98	0	4,222.26	0	3,987.54	0	3,752.82	0	3,518.10	0	3,191.32	0	2,833.43		
1/4		1/4		1/4		1/4	4,452.09	1/4	4,217.37	1/4	3,982.65	1/4	3,747.93	1/4	3,513.21	1/4	3,183.86	1/4	2,825.98		
1/2		1/2		1/2		1/2	4,447.20	1/2	4,212.48	1/2	3,977.76	1/2	3,743.04	1/2	3,508.04	1/2	3,176.40	1/2	2,818.52		
3/4		3/4		3/4		3/4	4,442.31	3/4	4,207.59	3/4	3,972.87	3/4	3,738.15	3/4	3,502.86	3/4	3,168.95	3/4	2,811.07		
1		1		1		1	4,207.42	1	4,202.70	1	3,972.98	1	3,733.26	1	3,497.69	1	3,161.49	1	2,803.61		
1/4		1/4		1/4		1/4	4,432.53	1/4	4,197.81	1/4	3,963.09	1/4	3,728.37	1/4	3,492.52	1/4	3,154.04	1/4	2,796.15		
1/2		1/2		1/2		1/2	4,427.64	1/2	4,192.92	1/2	3,958.20	1/2	3,723.48	1/2	3,486.94	1/2	3,146.58	1/2	2,788.70		
3/4		3/4		3/4		3/4	4,422.75	3/4	4,188.03	3/4	3,953.31	3/4	3,718.59	3/4	3,481.35	3/4	3,139.13	3/4	2,781.24		
2		2		2		2	4,417.86	2	4,183.14	2	3,948.42	2	3,713.70	2	3,475.77	2	3,131.67	2	2,773.79		
1/4		1/4		1/4		1/4	4,412.97	1/4	4,178.25	1/4	3,943.53	1/4	3,708.81	1/4	3,470.19	1/4	3,124.22	1/4	2,766.33		
1/2		1/2		1/2		1/2	4,408.08	1/2	4,173.36	1/2	3,938.64	1/2	3,703.92	1/2	3,464.14	1/2	3,116.76	1/2	2,758.87		
3/4		3/4		3/4		3/4	4,403.19	3/4	4,168.47	3/4	3,933.75	3/4	3,699.03	3/4	3,458.10	3/4	3,109.30	3/4	2,751.42		
3		3		3		3	4,398.30	3	4,163.58	3	3,928.86	3	3,694.14	3	3,452.05	3	3,101.85	3	2,743.96		
1/4		1/4		1/4		1/4	4,393.41	1/4	4,158.69	1/4	3,923.97	1/4	3,689.25	1/4	3,446.01	1/4	3,094.39	1/4	2,736.50		
1/2		1/2		1/2		1/2	4,388.52	1/2	4,153.80	1/2	3,919.08	1/2	3,684.36	1/2	3,439.50	1/2	3,086.93	1/2	2,729.05		
3/4		3/4		3/4		3/4	4,383.63	3/4	4,148.91	3/4	3,914.19	3/4	3,679.47	3/4	3,432.98	3/4	3,079.48	3/4	2,721.59		
4		4		4		4	4,378.74	4	4,144.02	4	3,909.30	4	3,674.58	4	3,426.47	4	3,072.02	4	2,714.14		
1/4		1/4		1/4		1/4	4,373.85	1/4	4,139.13	1/4	3,904.41	1/4	3,669.69	1/4	3,419.96	1/4	3,064.57	1/4	2,706.68		
1/2		1/2		1/2		1/2	4,368.96	1/2	4,134.24	1/2	3,899.52	1/2	3,664.80	1/2	3,412.99	1/2	3,057.11	1/2	2,699.23		
3/4		3/4		3/4		3/4	4,364.07	3/4	4,129.35	3/4	3,894.63	3/4	3,659.91	3/4	3,406.02	3/4	3,049.65	3/4	2,691.77		
5		5		5		5	4,359.18	5	4,124.46	5	3,889.74	5	3,655.02	5	3,399.06	5	3,042.20	5	2,684.32		
1/4		1/4		1/4		1/4	4,535.14	1/4	4,354.29	1/4	4,119.57	1/4	3,884.85	1/4	3,650.13	1/4	3,392.09	1/4	3,034.74	1/4	2,676.86
1/2		1/2		1/2		1/2	4,534.59	1/2	4,349.40	1/2	4,114.68	1/2	3,879.96	1/2	3,645.24	1/2	3,384.77	1/2	3,027.28	1/2	2,669.40
3/4		3/4		3/4		3/4	4,534.05	3/4	4,344.51	3/4	4,109.79	3/4	3,875.07	3/4	3,640.35	3/4	3,377.45	3/4	3,019.83	3/4	2,661.95
6		6		6		6	4,533.50	6	4,339.62	6	4,104.90	6	3,870.18	6	3,635.46	6	3,370.13	6	3,012.37	6	2,654.49
1/4		1/4		1/4		1/4	4,532.95	1/4	4,334.73	1/4	4,100.01	1/4	3,865.29	1/4	3,630.57	1/4	3,362.81	1/4	3,004.92	1/4	2,647.03
1/2		1/2		1/2		1/2	4,531.62	1/2	4,329.84	1/2	4,095.12	1/2	3,860.40	1/2	3,625.68	1/2	3,355.35	1/2	2,997.46	1/2	2,639.58
3/4		3/4		3/4		3/4	4,530.30	3/4	4,324.95	3/4	4,090.23	3/4	3,855.51	3/4	3,620.79	3/4	3,347.89	3/4	2,990.01	3/4	2,632.12
7		7		7		7	4,528.97	7	4,320.06	7	4,085.34	7	3,850.62	7	3,615.90	7	3,340.44	7	2,982.55	7	2,624.67
1/4		1/4		1/4		1/4	4,527.64	1/4	4,315.17	1/4	4,080.45	1/4	3,845.73	1/4	3,611.01	1/4	3,332.98	1/4	2,975.10	1/4	2,617.21
1/2		1/2		1/2		1/2	4,525.42	1/2	4,310.28	1/2	4,075.56	1/2	3,840.84	1/2	3,606.12	1/2	3,325.52	1/2	2,967.64	1/2	2,609.75
3/4		3/4		3/4		3/4	4,523.21	3/4	4,305.39	3/4	4,070.67	3/4	3,835.95	3/4	3,601.23	3/4	3,318.07	3/4	2,960.18	3/4	2,602.30
8		8		8		8	4,520.99	8	4,300.50	8	4,065.78	8	3,831.06	8	3,596.34	8	3,310.61	8	2,952.73	8	2,594.84
1/4		1/4		1/4		1/4	4,518.77	1/4	4,295.61	1/4	4,060.89	1/4	3,826.17	1/4	3,591.45	1/4	3,303.16	1/4	2,945.27	1/4	2,587.38
1/2		1/2		1/2		1/2	4,515.66	1/2	4,290.72	1/2	4,056.00	1/2	3,821.28	1/2	3,586.56	1/2	3,295.70	1/2	2,937.81	1/2	2,579.93
3/4		3/4		3/4		3/4	4,512.55	3/4	4,285.83	3/4	4,051.11	3/4	3,816.39	3/4	3,581.67	3/4	3,288.25	3/4	2,930.36	3/4	2,572.47
9		9		9		9	4,509.44	9	4,280.94	9	4,046.22	9	3,811.50	9	3,576.78	9	3,280.79	9	2,922.90	9	2,565.02
1/4		1/4		1/4		1/4	4,506.33	1/4	4,276.05	1/4	4,041.33	1/4	3,806.61	1/4	3,571.89	1/4	3,273.34	1/4	2,915.45	1/4	2,557.56
1/2		1/2		1/2		1/2	4,502.33	1/2	4,271.16	1/2	4,036.44	1/2	3,801.72	1/2	3,567.00	1/2	3,265.88	1/2	2,907.99	1/2	2,550.11
3/4		3/4		3/4		3/4	4,498.33	3/4	4,266.27	3/4	4,031.55	3/4	3,796.83	3/4	3,562.11	3/4	3,258.42	3/4	2,900.53	3/4	2,542.65
10		10		10		10	4,494.33	10	4,261.38	10	4,026.66	10	3,791.94	10	3,557.22	10	3,250.97	10	2,893.08	10	2,535.20
1/4		1/4		1/4		1/4	4,490.33	1/4	4,256.49	1/4	4,021.77	1/4	3,787.05	1/4	3,552.33	1/4	3,243.51	1/4	2,885.62	1/4	2,527.74
1/2		1/2		1/2		1/2	4,485.66	1/2	4,251.60	1/2	4,016.88	1/2	3,782.16	1/2	3,547.44	1/2	3,236.05	1/2	2,878.16	1/2	2,520.28
3/4		3/4		3/4		3/4	4,480.99	3/4	4,246.71	3/4	4,011.99	3/4	3,777.27	3/4	3,542.55	3/4	3,228.60	3/4	2,870.71	3/4	2,512.83
11		11		11		11	4,476.32	11	4,241.82	11	4,007.10	11	3,772.38	11	3,537.66	11	3,221.14	11	2,863.25	11	2,505.37
1/4		1/4		1/4		1/4	4,471.65	1/4	4,236.93	1/4	4,002.21	1/4	3,767.49	1/4	3,532.77	1/4	3,213.69	1/4	2,855.80	1/4	2,497.91
1/2		1/2		1/2		1/2	4,466.76	1/2	4,232.04	1/2	3,997.32	1/2	3,762.60	1/2	3,527.88	1/2	3,206.23	1/2	2,848.34	1/2	2,490.46
3/4		3/4		3/4		3/4	4,461.87	3/4	4,227.15	3/4	3,992.43	3/4	3,757.71	3/4	3,522.99	3/4	3,198.77	3/4	2,840.89	3/4	2,483.00

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.
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 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "KIRBY 30084"

3 STBD

ULLAGE TABLE
HERMETIC

GAUGE HEIGHT 16'-11 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3015"

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	2,475.55	0	2,117.66	0	1,759.77	0	1,401.88	0	1,044.00	0	686.11	0	328.22	0		0		0	
1/4	2,468.09	1/4	2,110.20	1/4	1,752.31	1/4	1,394.42	1/4	1,036.54	1/4	678.65	1/4	320.76	1/4	1/4	1/4		1/4	1/4
1/2	2,460.63	1/2	2,102.75	1/2	1,744.86	1/2	1,386.97	1/2	1,029.08	1/2	671.19	1/2	313.31	1/2	1/2	1/2		1/2	1/2
3/4	2,453.18	3/4	2,095.29	3/4	1,737.40	3/4	1,379.51	3/4	1,021.63	3/4	663.74	3/4	305.85	3/4	3/4	3/4		3/4	3/4
1	2,445.72	1	2,087.84	1	1,729.95	1	1,372.06	1	1,014.17	1	656.28	1	298.40	1	1	1		1	1
1/4	2,438.26	1/4	2,080.38	1/4	1,722.49	1/4	1,364.60	1/4	1,006.71	1/4	648.82	1/4	290.94	1/4	1/4	1/4		1/4	1/4
1/2	2,430.81	1/2	2,072.92	1/2	1,715.03	1/2	1,357.15	1/2	999.26	1/2	641.37	1/2	283.48	1/2	1/2	1/2		1/2	1/2
3/4	2,423.35	3/4	2,065.47	3/4	1,707.58	3/4	1,349.69	3/4	991.80	3/4	633.91	3/4	276.03	3/4	3/4	3/4		3/4	3/4
2	2,415.90	2	2,058.01	2	1,700.12	2	1,342.24	2	984.35	2	626.46	2	268.57	2	2	2		2	2
1/4	2,408.44	1/4	2,050.55	1/4	1,692.66	1/4	1,334.78	1/4	976.89	1/4	619.00	1/4	261.11	1/4	1/4	1/4		1/4	1/4
1/2	2,400.99	1/2	2,043.10	1/2	1,685.21	1/2	1,327.32	1/2	969.43	1/2	611.55	1/2	253.66	1/2	1/2	1/2		1/2	1/2
3/4	2,393.53	3/4	2,035.64	3/4	1,677.75	3/4	1,319.87	3/4	961.98	3/4	604.09	3/4	246.20	3/4	3/4	3/4		3/4	3/4
3	2,386.08	3	2,028.19	3	1,670.30	3	1,312.41	3	954.52	3	596.64	3	238.75	3	3	3		3	3
1/4	2,378.62	1/4	2,020.73	1/4	1,662.84	1/4	1,304.95	1/4	947.06	1/4	589.18	1/4	231.29	1/4	1/4	1/4		1/4	1/4
1/2	2,371.16	1/2	2,013.27	1/2	1,655.39	1/2	1,297.50	1/2	939.61	1/2	581.72	1/2	223.83	1/2	1/2	1/2		1/2	1/2
3/4	2,363.71	3/4	2,005.82	3/4	1,647.93	3/4	1,290.04	3/4	932.15	3/4	574.27	3/4	216.38	3/4	3/4	3/4		3/4	3/4
4	2,356.25	4	1,998.36	4	1,640.48	4	1,282.59	4	924.70	4	566.81	4	208.92	4	4	4		4	4
1/4	2,348.79	1/4	1,990.90	1/4	1,633.02	1/4	1,275.13	1/4	917.24	1/4	559.35	1/4	201.46	1/4	1/4	1/4		1/4	1/4
1/2	2,341.34	1/2	1,983.45	1/2	1,625.56	1/2	1,267.67	1/2	909.79	1/2	551.90	1/2	194.01	1/2	1/2	1/2		1/2	1/2
3/4	2,333.88	3/4	1,975.99	3/4	1,618.11	3/4	1,260.22	3/4	902.33	3/4	544.44	3/4	186.55	3/4	3/4	3/4		3/4	3/4
5	2,326.43	5	1,968.54	5	1,610.65	5	1,252.76	5	894.88	5	536.99	5	179.10	5	5	5		5	5
1/4	2,318.97	1/4	1,961.08	1/4	1,603.19	1/4	1,245.30	1/4	887.42	1/4	529.53	1/4	171.64	1/4	1/4	1/4		1/4	1/4
1/2	2,311.51	1/2	1,953.63	1/2	1,595.74	1/2	1,237.85	1/2	879.96	1/2	522.07	1/2	164.19	1/2	1/2	1/2		1/2	1/2
3/4	2,304.06	3/4	1,946.17	3/4	1,588.28	3/4	1,230.39	3/4	872.51	3/4	514.62	3/4	156.73	3/4	3/4	3/4		3/4	3/4
6	2,296.60	6	1,938.72	6	1,580.83	6	1,222.94	6	865.05	6	507.16	6	149.28	6	6	6		6	6
1/4	2,289.14	1/4	1,931.26	1/4	1,573.37	1/4	1,215.48	1/4	857.59	1/4	499.70	1/4	141.82	1/4	1/4	1/4		1/4	1/4
1/2	2,281.69	1/2	1,923.80	1/2	1,565.91	1/2	1,208.03	1/2	850.14	1/2	492.25	1/2	134.36	1/2	1/2	1/2		1/2	1/2
3/4	2,274.23	3/4	1,916.35	3/4	1,558.46	3/4	1,200.57	3/4	842.68	3/4	484.79	3/4	126.91	3/4	3/4	3/4		3/4	3/4
7	2,266.78	7	1,908.89	7	1,551.00	7	1,193.12	7	835.23	7	477.34	7	119.45	7	7	7		7	7
1/4	2,259.32	1/4	1,901.43	1/4	1,543.54	1/4	1,185.66	1/4	827.77	1/4	469.88	1/4	111.99	1/4	1/4	1/4		1/4	1/4
1/2	2,251.87	1/2	1,893.98	1/2	1,536.09	1/2	1,178.20	1/2	820.31	1/2	462.43	1/2	104.54	1/2	1/2	1/2		1/2	1/2
3/4	2,244.41	3/4	1,886.52	3/4	1,528.63	3/4	1,170.75	3/4	812.86	3/4	454.97	3/4	97.08	3/4	3/4	3/4		3/4	3/4
8	2,236.96	8	1,879.07	8	1,521.18	8	1,163.29	8	805.40	8	447.52	8	89.63	8	8	8		8	8
1/4	2,229.50	1/4	1,871.61	1/4	1,513.72	1/4	1,155.83	1/4	797.94	1/4	440.06	1/4	82.17	1/4	1/4	1/4		1/4	1/4
1/2	2,222.04	1/2	1,864.15	1/2	1,506.27	1/2	1,148.38	1/2	790.49	1/2	432.60	1/2	75.58	1/2	1/2	1/2		1/2	1/2
3/4	2,214.59	3/4	1,856.70	3/4	1,498.81	3/4	1,140.92	3/4	783.03	3/4	425.15	3/4	68.98	3/4	3/4	3/4		3/4	3/4
9	2,207.13	9	1,849.24	9	1,491.36	9	1,133.47	9	775.58	9	417.69	9	62.39	9	9	9		9	9
1/4	2,199.67	1/4	1,841.78	1/4	1,483.90	1/4	1,126.01	1/4	768.12	1/4	410.23	1/4	55.79	1/4	1/4	1/4		1/4	1/4
1/2	2,192.22	1/2	1,834.33	1/2	1,476.44	1/2	1,118.55	1/2	760.67	1/2	402.78	1/2	50.38	1/2	1/2	1/2		1/2	1/2
3/4	2,184.76	3/4	1,826.87	3/4	1,468.99	3/4	1,111.10	3/4	753.21	3/4	395.32	3/4	44.97	3/4	3/4	3/4		3/4	3/4
10	2,177.31	10	1,819.42	10	1,461.53	10	1,103.64	10	745.76	10	387.87	10	39.56	10	10	10		10	10
1/4	2,169.85	1/4	1,811.96	1/4	1,454.07	1/4	1,096.18	1/4	738.30	1/4	380.41	1/4	34.15	1/4	1/4	1/4		1/4	1/4
1/2	2,162.39	1/2	1,804.51	1/2	1,446.62	1/2	1,088.73	1/2	730.84	1/2	372.95	1/2	30.10	1/2	1/2	1/2		1/2	1/2
3/4	2,154.94	3/4	1,797.05	3/4	1,439.16	3/4	1,081.27	3/4	723.39	3/4	365.50	3/4	26.05	3/4	3/4	3/4		3/4	3/4
11	2,147.48	11	1,789.60	11	1,431.71	11	1,073.82	11	715.93	11	358.04	11	22.00	11	11	11		11	11
1/4	2,140.02	1/4	1,782.14	1/4	1,424.25	1/4	1,066.36	1/4	708.47	1/4	350.58	1/4	17.95	1/4	1/4	1/4		1/4	1/4
1/2	2,132.57	1/2	1,774.68	1/2	1,416.79	1/2	1,058.91	1/2	701.02	1/2	343.13	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,125.11	3/4	1,767.23	3/4	1,409.34	3/4	1,051.45	3/4	693.56	3/4	335.67	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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