BARGE "KIRBY 31006B"

ULLAGE TRIM TABLE

FORMERLY "CTCO 357B"

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	**STERN**	**BOW**	**STERN**	**BOW**	**STERN**	**BOW**	**STERN**	**BOW**	**STERN**	**BOW**	**STERN**
1 PORT	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8	01-1/4	- 01-1/4
1 STBD	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8	01-1/4	- 01-1/4
2 PORT	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-1/4	- 01-1/4
2 STBD	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-1/4	- 01-1/4
3 PORT	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/8	- 01-1/8
3 STBD	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/8	- 01-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-3/8"
FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 5/8"

LENGTH BETWEEN DRAFT MARKS: 275'-03"

December 8, 2022

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

http://www.pmacorp.net

BARGE "KIRBY 31006B"

1 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 357B"

GAUGE HEIGHT 16'-05 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	5,113.56	0	4,781.51	0	4,430.50	0	4,061.61	0	3,677.02	0	3,288.98	0	2,900.93
1/4		1/4		1/4		1/4	5,105.92	1/4	4,774.37	1/4	4,422.99	1/4	4,053.75	1/4	3,668.94	1/4	3,280.89	1/4	2,892.85
1/2		1/2		1/2		1/2	5,098.27	1/2	4,767.24	1/2	4,415.47	1/2	4,045.88	1/2	3,660.85	1/2	3,272.81	1/2	2,884.76
3/4		3/4		3/4		3/4	5,090.63	3/4	4,760.08	3/4	4,407.92	3/4	4,037.99	3/4	3,652.77	3/4	3,264.72	3/4	2,876.68
1		1		1		1	5,082.98	1	4,752.92	1	4,400.38	1	4,030.10	1	3,644.69	1	3,256.64	1	2,868.59
1/4		1/4		1/4		1/4	5,075.34	1/4	4,745.76	1/4	4,392.83	1/4	4,022.21	1/4	3,636.60	1/4	3,248.56	1/4	2,860.51
1/2		1/2		1/2		1/2	5,067.69	1/2	4,738.60	1/2	4,385.29	1/2	4,014.32	1/2	3,628.52	1/2	3,240.47	1/2	2,852.42
3/4		3/4		3/4		3/4	5,060.94	3/4	4,731.41	3/4	4,377.71	3/4	4,006.40	3/4	3,620.43	3/4	3,232.39	3/4	2,844.34
2		2		2		2	5,054.19	2	4,724.23	2	4,370.14	2	3,998.49	2	3,612.35	2	3,224.30	2	2,836.26
1/4		1/4		1/4		1/4	5,047.44	1/4	4,717.04	1/4	4,362.56	1/4	3,990.57	1/4	3,604.26	1/4	3,216.22	1/4	2,828.17
1/2		1/2		1/2		1/2	5,040.69	1/2	4,709.86	1/2	4,354.99	1/2	3,982.65	1/2	3,596.18	1/2	3,208.13	1/2	2,820.09
3/4		3/4		3/4		3/4	5,034.22	3/4	4,702.64	3/4	4,347.39	3/4	3,974.70	3/4	3,588.10	3/4	3,200.05	3/4	2,812.00
3		3		3		3	5,027.74	3	4,695.43	3	4,339.78	3	3,966.75	3	3,580.01	3	3,191.97	3	2,803.92
1/4		1/4		1/4		1/4	5,021.27	1/4	4,688.21	1/4	4,332.18	1/4	3,958.80	1/4	3,571.93	1/4	3,183.88	1/4	2,795.83
1/2		1/2		1/2		1/2	5,014.79	1/2	4,681.00	1/2	4,324.58	1/2	3,950.86	1/2	3,563.84	1/2	3,175.80	1/2	2,787.75
3/4		3/4		3/4		3/4	5,008.29	3/4	4,673.75	3/4	4,316.94	3/4	3,942.88	3/4	3,555.76	3/4	3,167.71	3/4	2,779.67
4		4		4		4	5,001.79	4	4,666.51	4	4,309.31	4	3,934.90	4	3,547.67	4	3,159.63	4	2,771.58
1/4		1/4		1/4		1/4	4,995.29	1/4	4,659.27	1/4	4,301.68	1/4	3,926.93	1/4	3,539.59	1/4	3,151.54	1/4	2,763.50
1/2		1/2		1/2		1/2	4,988.78	1/2	4,652.02	1/2	4,294.05	1/2	3,918.95	1/2	3,531.51	1/2	3,143.46	1/2	2,755.41
3/4		3/4		3/4		3/4	4,982.25	3/4	4,644.75	3/4	4,286.40	3/4	3,910.94	3/4	3,523.42	3/4	3,135.37	3/4	2,747.33
5		5		5		5	4,975.72	5	4,637.48	5	4,278.74	5	3,902.94	5	3,515.34	5	3,127.29	5	2,739.24
1/4		1/4		1/4		1/4	4,969.19	1/4	4,630.21	1/4	4,271.09	1/4	3,894.93	1/4	3,507.25	1/4	3,119.21	1/4	2,731.16
1/2		1/2		1/2		1/2	4,962.66	1/2	4,622.94	1/2	4,263.44	1/2	3,886.93	1/2	3,499.17	1/2	3,111.12	1/2	2,723.08
3/4		3/4		3/4		3/4	4,956.10	3/4	4,615.63	3/4	4,255.76	3/4	3,878.89	3/4	3,491.08	3/4	3,103.04	3/4	2,714.99
6		6		6		6	4,949.54	6	4,608.32	6	4,248.08	6	3,870.86	6	3,483.00	6	3,094.95	6	2,706.91
1/4		1/4		1/4		1/4	4,942.98	1/4	4,601.01	1/4	4,240.40	1/4	3,862.83	1/4	3,474.92	1/4	3,086.87	1/4	2,698.82
1/2		1/2		1/2	5,270.20	1/2	4,936.42	1/2	4,593.70	1/2	4,232.72	1/2	3,854.79	1/2	3,466.83	1/2	3,078.78	1/2	2,690.74
3/4		3/4		3/4	5,265.05	3/4	4,929.52	3/4	4,586.37	3/4	4,225.01	3/4	3,846.73	3/4	3,458.75	3/4	3,070.70	3/4	2,682.65
7		7		7	5,259.90	7	4,922.63	7	4,579.03	7	4,217.30	7	3,838.67	7	3,450.66	7	3,062.62	7	2,674.57
1/4		1/4		1/4	5,254.74	1/4	4,915.74	1/4	4,571.69	1/4	4,209.59	1/4	3,830.60	1/4	3,442.58	1/4	3,054.53	1/4	2,666.49
1/2		1/2		1/2	5,249.59	1/2	4,908.84	1/2	4,564.35	1/2	4,201.88	1/2	3,822.54	1/2	3,434.49	1/2	3,046.45	1/2	2,658.40
3/4		3/4		3/4	5,242.42	3/4	4,901.82	3/4	4,556.98	3/4	4,194.15	3/4	3,814.46	3/4	3,426.41	3/4	3,038.36	3/4	2,650.32
8		8		8	5,235.24	8	4,894.80	8	4,549.61	8	4,186.41	8	3,806.37	8	3,418.33	8	3,030.28	8	2,642.23
1/4		1/4		1/4	5,228.07	1/4	4,887.78	1/4	4,542.25	1/4	4,178.67	1/4	3,798.29	1/4	3,410.24	1/4	3,022.19	1/4	2,634.15
1/2		1/2		1/2	5,220.90	1/2	4,880.75	1/2	4,534.88	1/2	4,170.93	1/2	3,790.20	1/2	3,402.16	1/2	3,014.11	1/2	2,626.06
3/4		3/4		3/4	5,213.22	3/4	4,873.70	3/4	4,527.48	3/4	4,163.17	3/4	3,782.12	3/4	3,394.07	3/4	3,006.03	3/4	2,617.98
9		9		9	5,205.54	9	4,866.65	9	4,520.09	9	4,155.40	9	3,774.03	9	3,385.99	9	2,997.94	9	2,609.90
1/4		1/4		1/4	5,197.86	1/4	4,859.60	1/4	4,512.69	1/4	4,147.64	1/4	3,765.95	1/4	3,377.90	1/4	2,989.86	1/4	2,601.81
1/2		1/2		1/2	5,190.18	1/2	4,852.55	1/2	4,505.29	1/2	4,139.87	1/2	3,757.87	1/2	3,369.82	1/2	2,981.77	1/2	2,593.73
3/4		3/4		3/4	5,182.50	3/4	4,845.47	3/4	4,497.84	3/4	4,132.07	3/4	3,749.78	3/4	3,361.74	3/4	2,973.69	3/4	2,585.64
10		10		10	5,174.82	10	4,838.39	10	4,490.39	10	4,124.27	10	3,741.70	10	3,353.65	10	2,965.60	10	2,577.56
1/4		1/4		1/4	5,167.14	1/4	4,831.30	1/4	4,482.94	1/4	4,116.46	1/4	3,733.61	1/4	3,345.57	1/4	2,957.52	1/4	2,569.47
1/2		1/2		1/2	5,159.46	1/2	4,824.22	1/2	4,475.49	1/2	4,108.66	1/2	3,725.53	1/2	3,337.48	1/2	2,949.44	1/2	2,561.39
3/4		3/4		3/4	5,151.81	3/4	4,817.12	3/4	4,468.00	3/4	4,100.83	3/4	3,717.44	3/4	3,329.40	3/4	2,941.35	3/4	2,553.31
11		11		11	5,144.16	11	4,810.01	11	4,460.51	11	4,093.00	11	3,709.36	11	3,321.31	11	2,933.27	11	2,545.22
1/4		1/4		1/4	5,136.50	1/4	4,802.90	1/4	4,453.02	1/4	4,085.16	1/4	3,701.28	1/4	3,313.23	1/4	2,925.18	1/4	2,537.14
1/2		1/2		1/2	5,128.85	1/2	4,795.79	1/2	4,445.54	1/2	4,077.33	1/2	3,693.19	1/2	3,305.15	1/2	2,917.10	1/2	2,529.05
3/4		3/4		3/4	5,121.21	3/4	4,788.65	3/4	4,438.02	3/4	4,069.47	3/4	3,685.11	3/4	3,297.06	3/4	2,909.01	3/4	2,520.97

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 51'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "KIRBY 31006B"

1 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 357B"

GAUGE HEIGHT 16'-05 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	2,512.88	0	2,124.84	0	1,736.79	0	1,348.74	0	960.70	0	574.09	0	186.34	0		0		0	
1/4	2,504.80	1/4	2,116.75	1/4	1,728.71	1/4	1,340.66	1/4	952.61	1/4	566.04	1/4	178.26	1/4		1/4		1/4	
1/2	2,496.72	1/2	2,108.67	1/2	1,720.62	1/2	1,332.58	1/2	944.53	1/2	557.99	1/2	170.17	1/2		1/2		1/2	
3/4	2,488.63	3/4	2,100.58	3/4	1,712.54	3/4	1,324.49	3/4	936.45	3/4	549.93	3/4	162.09	3/4		3/4		3/4	
1	2,480.55	1	2,092.50	1	1,704.45	1	1,316.41	1	928.36	1	541.87	1	154.01	1		1		1	
1/4	2,472.46	1/4	2,084.42	1/4	1,696.37	1/4	1,308.32	1/4	920.28	1/4	533.81	1/4	145.92	1/4		1/4		1/4	
1/2	2,464.38	1/2	2,076.33	1/2	1,688.29	1/2	1,300.24	1/2	912.19	1/2	525.76	1/2	137.84	1/2		1/2		1/2	
3/4	2,456.29	3/4	2,068.25	3/4	1,680.20	3/4	1,292.15	3/4	904.11	3/4	517.70	3/4	129.75	3/4		3/4		3/4	
2	2,448.21	2	2,060.16	2	1,672.12	2	1,284.07	2	896.02	2	509.63	2	121.67	2		2		2	
1/4	2,440.13	1/4	2,052.08	1/4	1,664.03	1/4	1,275.99	1/4	887.94	1/4	501.57	1/4	113.59	1/4		1/4		1/4	
1/2	2,432.04	1/2	2,043.99	1/2	1,655.95	1/2	1,267.90	1/2	879.86	1/2	493.51	1/2	105.50	1/2		1/2		1/2	
3/4	2,423.96	3/4	2,035.91	3/4	1,647.86	3/4	1,259.82	3/4	871.80	3/4	485.44	3/4	97.42	3/4		3/4		3/4	
3	2,415.87	3	2,027.83	3	1,639.78	3	1,251.73	3	863.74	3	477.36	3	89.33	3		3		3	
1/4	2,407.79	1/4	2,019.74	1/4	1,631.70	1/4	1,243.65	1/4	855.68	1/4	469.28	1/4	81.25	1/4		1/4		1/4	
1/2	2,399.70	1/2	2,011.66	1/2	1,623.61	1/2	1,235.56	1/2	847.62	1/2	461.20	1/2	73.17	1/2		1/2		1/2	
3/4	2,391.62	3/4	2,003.57	3/4	1,615.53	3/4	1,227.48	3/4	839.57	3/4	453.12	3/4	65.84	3/4		3/4		3/4	
4	2,383.54	4	1,995.49	4	1,607.44	4	1,219.40	4	831.52	4	445.03	4	58.51	4		4		4	
1/4	2,375.45	1/4	1,987.40	1/4	1,599.36	1/4	1,211.31	1/4	823.48	1/4	436.95	1/4	51.18	1/4		1/4		1/4	
1/2	2,367.37	1/2	1,979.32	1/2	1,591.27	1/2	1,203.23	1/2	815.43	1/2	428.87	1/2	43.86	1/2		1/2		1/2	
3/4	2,359.28	3/4	1,971.24	3/4	1,583.19	3/4	1,195.14	3/4	807.38	3/4	420.78	3/4	38.30	3/4		3/4		3/4	
5	2,351.20	5	1,963.15	5	1,575.11	5	1,187.06	5	799.34	5	412.70	5	32.74	5		5		5	
1/4	2,343.11	1/4	1,955.07	1/4	1,567.02	1/4	1,178.97	1/4	791.30	1/4	404.61	1/4	27.18	1/4		1/4		1/4	
1/2	2,335.03	1/2	1,946.98	1/2	1,558.94	1/2	1,170.89	1/2	783.25	1/2	396.53	1/2	21.62	1/2		1/2		1/2	
3/4	2,326.94	3/4	1,938.90	3/4	1,550.85	3/4	1,162.81	3/4	775.21	3/4	388.45	3/4		3/4		3/4		3/4	
6	2,318.86	6	1,930.81	6	1,542.77	6	1,154.72	6	767.16	6	380.36	6		6		6		6	
1/4	2,310.78	1/4	1,922.73	1/4	1,534.68	1/4	1,146.64	1/4	759.12	1/4	372.28	1/4		1/4		1/4		1/4	
1/2	2,302.69	1/2	1,914.65	1/2	1,526.60	1/2	1,138.55	1/2	751.07	1/2	364.19	1/2		1/2		1/2		1/2	
3/4	2,294.61	3/4	1,906.56	3/4	1,518.51	3/4	1,130.47	3/4	743.03	3/4	356.11	3/4		3/4		3/4		3/4	
7	2,286.52	7	1,898.48	7	1,510.43	7	1,122.38	7	734.98	7	348.03	7		7		7		7	
1/4	2,278.44	1/4	1,890.39	1/4	1,502.35	1/4	1,114.30	1/4	726.94	1/4	339.94	1/4		1/4		1/4		1/4	
1/2	2,270.35	1/2	1,882.31	1/2	1,494.26	1/2	1,106.22	1/2	718.89	1/2	331.86	1/2		1/2		1/2		1/2	
3/4	2,262.27	3/4	1,874.22	3/4	1,486.18	3/4	1,098.13	3/4	710.85	3/4	323.77	3/4		3/4		3/4		3/4	
8	2,254.19	8	1,866.14	8	1,478.09	8	1,090.05	8	702.81	8	315.69	8		8		8		8	
1/4	2,246.10	1/4	1,858.06	1/4	1,470.01	1/4	1,081.96	1/4	694.76	1/4	307.60	1/4		1/4		1/4		1/4	
1/2	2,238.02	1/2	1,849.97	1/2	1,461.92	1/2	1,073.88	1/2	686.72	1/2	299.52	1/2		1/2		1/2		1/2	
3/4	2,229.93	3/4	1,841.89	3/4	1,453.84	3/4	1,065.79	3/4	678.67	3/4	291.44	3/4		3/4		3/4		3/4	
9	2,221.85	9	1,833.80	9	1,445.76	9	1,057.71	9	670.63	9	283.35	9		9		9		9	
1/4	2,213.76	1/4	1,825.72	1/4	1,437.67	1/4	1,049.63	1/4	662.59	1/4	275.27	1/4		1/4		1/4		1/4	
1/2	2,205.68	1/2	1,817.63	1/2	1,429.59	1/2	1,041.54	1/2	654.54	1/2	267.18	1/2		1/2		1/2		1/2	
3/4	2,197.60	3/4	1,809.55	3/4	1,421.50	3/4	1,033.46	3/4	646.50	3/4	259.10	3/4		3/4		3/4		3/4	
10	2,189.51	10	1,801.47	10	1,413.42	10	1,025.37	10	638.45	10	251.02	10		10		10		10	
1/4	2,181.43	1/4	1,793.38	1/4	1,405.33	1/4	1,017.29	1/4	630.41	1/4	242.93	1/4		1/4		1/4		1/4	
1/2	2,173.34	1/2	1,785.30	1/2	1,397.25	1/2	1,009.20	1/2	622.37	1/2	234.85	1/2		1/2		1/2		1/2	
3/4	2,165.26	3/4	1,777.21	3/4	1,389.17	3/4	1,001.12	3/4	614.32	3/4	226.76	3/4		3/4		3/4		3/4	
11	2,157.17	11	1,769.13	11	1,381.08	11	993.04	11	606.28	11	218.68	11		11		11		11	
1/4	2,149.09	1/4	1,761.04	1/4	1,373.00	1/4	984.95	1/4	598.23	1/4	210.60	1/4		1/4		1/4		1/4	
1/2	2,141.01	1/2	1,752.96	1/2	1,364.91	1/2	976.87	1/2	590.19	1/2	202.51	1/2		1/2		1/2		1/2	
3/4	2,132.92	3/4	1,744.88	3/4	1,356.83	3/4	968.78	3/4	582.14	3/4	194.43	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/15/2015 PMA
RECALCULATED: 12/08/22 CL
REPRINTED: 12/08/22 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2022

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

BARGE "KIRBY 31006B"

1 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 357B"

GAUGE HEIGHT 16'-05 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	5,097.03	0	4,766.17	0	4,416.40	0	4,048.79	0	3,665.55	0	3,278.84	0	2,892.12
1/4		1/4		1/4		1/4	5,089.41	1/4	4,759.06	1/4	4,408.91	1/4	4,040.95	1/4	3,657.50	1/4	3,270.78	1/4	2,884.06
1/2		1/2		1/2		1/2	5,081.79	1/2	4,751.95	1/2	4,401.42	1/2	4,033.12	1/2	3,649.44	1/2	3,262.72	1/2	2,876.01
3/4		3/4		3/4		3/4	5,074.18	3/4	4,744.81	3/4	4,393.90	3/4	4,025.26	3/4	3,641.38	3/4	3,254.67	3/4	2,867.95
1		1		1		1	5,066.56	1	4,737.68	1	4,386.38	1	4,017.39	1	3,633.33	1	3,246.61	1	2,859.89
1/4		1/4		1/4		1/4	5,058.94	1/4	4,730.54	1/4	4,378.86	1/4	4,009.53	1/4	3,625.27	1/4	3,238.55	1/4	2,851.84
1/2		1/2		1/2		1/2	5,051.32	1/2	4,723.41	1/2	4,371.34	1/2	4,001.67	1/2	3,617.21	1/2	3,230.50	1/2	2,843.78
3/4		3/4		3/4		3/4	5,044.59	3/4	4,716.25	3/4	4,363.79	3/4	3,993.78	3/4	3,609.16	3/4	3,222.44	3/4	2,835.72
2		2		2		2	5,037.87	2	4,709.09	2	4,356.25	2	3,985.88	2	3,601.10	2	3,214.38	2	2,827.67
1/4		1/4		1/4		1/4	5,031.14	1/4	4,701.93	1/4	4,348.70	1/4	3,977.99	1/4	3,593.04	1/4	3,206.33	1/4	2,819.61
1/2		1/2		1/2		1/2	5,024.42	1/2	4,694.77	1/2	4,341.15	1/2	3,970.10	1/2	3,584.99	1/2	3,198.27	1/2	2,811.55
3/4		3/4		3/4		3/4	5,017.97	3/4	4,687.58	3/4	4,333.57	3/4	3,962.18	3/4	3,576.93	3/4	3,190.21	3/4	2,803.50
3		3		3		3	5,011.52	3	4,680.39	3	4,326.00	3	3,954.26	3	3,568.87	3	3,182.16	3	2,795.44
1/4		1/4		1/4		1/4	5,005.06	1/4	4,673.20	1/4	4,318.42	1/4	3,946.34	1/4	3,560.82	1/4	3,174.10	1/4	2,787.38
1/2		1/2		1/2		1/2	4,998.61	1/2	4,666.01	1/2	4,310.84	1/2	3,938.42	1/2	3,552.76	1/2	3,166.04	1/2	2,779.33
3/4		3/4		3/4		3/4	4,992.14	3/4	4,658.80	3/4	4,303.24	3/4	3,930.47	3/4	3,544.70	3/4	3,157.99	3/4	2,771.27
4		4		4		4	4,985.66	4	4,651.58	4	4,295.63	4	3,922.52	4	3,536.65	4	3,149.93	4	2,763.21
1/4		1/4		1/4		1/4	4,979.18	1/4	4,644.36	1/4	4,288.03	1/4	3,914.57	1/4	3,528.59	1/4	3,141.87	1/4	2,755.16
1/2		1/2		1/2		1/2	4,972.70	1/2	4,637.14	1/2	4,280.42	1/2	3,906.62	1/2	3,520.53	1/2	3,133.82	1/2	2,747.10
3/4		3/4		3/4		3/4	4,966.19	3/4	4,629.90	3/4	4,272.80	3/4	3,898.65	3/4	3,512.48	3/4	3,125.76	3/4	2,739.04
5		5		5		5	4,959.68	5	4,622.65	5	4,265.17	5	3,890.67	5	3,504.42	5	3,117.70	5	2,730.99
1/4		1/4		1/4		1/4	4,953.18	1/4	4,615.40	1/4	4,257.54	1/4	3,882.69	1/4	3,496.36	1/4	3,109.65	1/4	2,722.93
1/2		1/2		1/2		1/2	4,946.67	1/2	4,608.16	1/2	4,249.92	1/2	3,874.71	1/2	3,488.31	1/2	3,101.59	1/2	2,714.87
3/4		3/4		3/4		3/4	4,940.13	3/4	4,600.88	3/4	4,242.26	3/4	3,866.71	3/4	3,480.25	3/4	3,093.53	3/4	2,706.82
6		6		6		6	4,933.59	6	4,593.59	6	4,234.61	6	3,858.70	6	3,472.19	6	3,085.48	6	2,698.76
1/4		1/4		1/4		1/4	4,927.06	1/4	4,586.31	1/4	4,226.96	1/4	3,850.69	1/4	3,464.14	1/4	3,077.42	1/4	2,690.70
1/2		1/2		1/2	5,253.13	1/2	4,920.52	1/2	4,579.03	1/2	4,219.30	1/2	3,842.69	1/2	3,456.08	1/2	3,069.36	1/2	2,682.65
3/4		3/4		3/4	5,247.99	3/4	4,913.65	3/4	4,571.72	3/4	4,211.62	3/4	3,834.65	3/4	3,448.02	3/4	3,061.31	3/4	2,674.59
7		7		7	5,242.86	7	4,906.79	7	4,564.40	7	4,203.94	7	3,826.62	7	3,439.97	7	3,053.25	7	2,666.53
1/4		1/4		1/4	5,237.72	1/4	4,899.92	1/4	4,557.09	1/4	4,196.26	1/4	3,818.58	1/4	3,431.91	1/4	3,045.19	1/4	2,658.48
1/2		1/2		1/2	5,232.59	1/2	4,893.05	1/2	4,549.78	1/2	4,188.58	1/2	3,810.55	1/2	3,423.85	1/2	3,037.14	1/2	2,650.42
3/4		3/4		3/4	5,225.44	3/4	4,886.05	3/4	4,542.43	3/4	4,180.87	3/4	3,802.50	3/4	3,415.80	3/4	3,029.08	3/4	2,642.36
8		8		8	5,218.29	8	4,879.05	8	4,535.09	8	4,173.16	8	3,794.45	8	3,407.74	8	3,021.02	8	2,634.31
1/4		1/4		1/4	5,211.14	1/4	4,872.06	1/4	4,527.75	1/4	4,165.45	1/4	3,786.40	1/4	3,399.69	1/4	3,012.97	1/4	2,626.25
1/2		1/2		1/2	5,203.99	1/2	4,865.06	1/2	4,520.41	1/2	4,157.74	1/2	3,778.35	1/2	3,391.63	1/2	3,004.91	1/2	2,618.19
3/4		3/4		3/4	5,196.34	3/4	4,858.03	3/4	4,513.04	3/4	4,150.00	3/4	3,770.29	3/4	3,383.57	3/4	2,996.86	3/4	2,610.14
9		9		9	5,188.69	9	4,851.00	9	4,505.67	9	4,142.26	9	3,762.23	9	3,375.52	9	2,988.80	9	2,602.08
1/4		1/4		1/4	5,181.03	1/4	4,843.98	1/4	4,498.30	1/4	4,134.52	1/4	3,754.18	1/4	3,367.46	1/4	2,980.74	1/4	2,594.03
1/2		1/2		1/2	5,173.38	1/2	4,836.95	1/2	4,490.93	1/2	4,126.78	1/2	3,746.12	1/2	3,359.40	1/2	2,972.69	1/2	2,585.97
3/4		3/4		3/4	5,165.73	3/4	4,829.90	3/4	4,483.50	3/4	4,119.01	3/4	3,738.06	3/4	3,351.35	3/4	2,964.63	3/4	2,577.91
10		10		10	5,158.08	10	4,822.84	10	4,476.08	10	4,111.23	10	3,730.01	10	3,343.29	10	2,956.57	10	2,569.86
1/4		1/4		1/4	5,150.43	1/4	4,815.79	1/4	4,468.65	1/4	4,103.46	1/4	3,721.95	1/4	3,335.23	1/4	2,948.52	1/4	2,561.80
1/2		1/2		1/2	5,142.77	1/2	4,808.73	1/2	4,461.23	1/2	4,095.68	1/2	3,713.89	1/2	3,327.18	1/2	2,940.46	1/2	2,553.74
3/4		3/4		3/4	5,135.15	3/4	4,801.65	3/4	4,453.77	3/4	4,087.88	3/4	3,705.84	3/4	3,319.12	3/4	2,932.40	3/4	2,545.69
11		11		11	5,127.52	11	4,794.56	11	4,446.30	11	4,080.07	11	3,697.78	11	3,311.06	11	2,924.35	11	2,537.63
1/4		1/4		1/4	5,119.89	1/4	4,787.48	1/4	4,438.84	1/4	4,072.26	1/4	3,689.72	1/4	3,303.01	1/4	2,916.29	1/4	2,529.57
1/2		1/2		1/2	5,112.27	1/2	4,780.40	1/2	4,431.38	1/2	4,064.46	1/2	3,681.67	1/2	3,294.95	1/2	2,908.23	1/2	2,521.52
3/4		3/4		3/4	5,104.65	3/4	4,773.28	3/4	4,423.89	3/4	4,056.62	3/4	3,673.61	3/4	3,286.89	3/4	2,900.18	3/4	2,513.46

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 51'-03" FORWARD OF AFT BULKHEAD.

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

BARGE "KIRBY 31006B"

1 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 357B"

GAUGE HEIGHT 16'-05 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	2,505.40	0	2,118.69	0	1,731.97	0	1,345.25	0	958.54	0	572.37	0	185.70	0		0		0	
1/4	2,497.35	1/4	2,110.63	1/4	1,723.91	1/4	1,337.20	1/4	950.48	1/4	564.33	1/4	177.64	1/4		1/4		1/4	
1/2	2,489.29	1/2	2,102.57	1/2	1,715.86	1/2	1,329.14	1/2	942.42	1/2	556.28	1/2	169.59	1/2		1/2		1/2	
3/4	2,481.23	3/4	2,094.52	3/4	1,707.80	3/4	1,321.08	3/4	934.37	3/4	548.23	3/4	161.53	3/4		3/4		3/4	
1	2,473.18	1	2,086.46	1	1,699.74	1	1,313.03	1	926.31	1	540.17	1	153.47	1		1		1	
1/4	2,465.12	1/4	2,078.40	1/4	1,691.69	1/4	1,304.97	1/4	918.25	1/4	532.12	1/4	145.42	1/4		1/4		1/4	
1/2	2,457.06	1/2	2,070.35	1/2	1,683.63	1/2	1,296.91	1/2	910.20	1/2	524.06	1/2	137.36	1/2		1/2		1/2	
3/4	2,449.01	3/4	2,062.29	3/4	1,675.57	3/4	1,288.86	3/4	902.14	3/4	516.01	3/4	129.31	3/4		3/4		3/4	
2	2,440.95	2	2,054.23	2	1,667.52	2	1,280.80	2	894.08	2	507.95	2	121.25	2		2		2	
1/4	2,432.89	1/4	2,046.18	1/4	1,659.46	1/4	1,272.74	1/4	886.03	1/4	499.90	1/4	113.19	1/4		1/4		1/4	
1/2	2,424.84	1/2	2,038.12	1/2	1,651.40	1/2	1,264.69	1/2	877.97	1/2	491.84	1/2	105.14	1/2		1/2		1/2	
3/4	2,416.78	3/4	2,030.06	3/4	1,643.35	3/4	1,256.63	3/4	869.92	3/4	483.78	3/4	97.08	3/4		3/4		3/4	
3	2,408.72	3	2,022.01	3	1,635.29	3	1,248.57	3	861.87	3	475.73	3	89.02	3		3		3	
1/4	2,400.67	1/4	2,013.95	1/4	1,627.23	1/4	1,240.52	1/4	853.82	1/4	467.67	1/4	80.97	1/4		1/4		1/4	
1/2	2,392.61	1/2	2,005.89	1/2	1,619.18	1/2	1,232.46	1/2	845.77	1/2	459.61	1/2	72.91	1/2		1/2		1/2	
3/4	2,384.55	3/4	1,997.84	3/4	1,611.12	3/4	1,224.40	3/4	837.73	3/4	451.56	3/4	65.61	3/4		3/4		3/4	
4	2,376.50	4	1,989.78	4	1,603.06	4	1,216.35	4	829.69	4	443.50	4	58.31	4		4		4	
1/4	2,368.44	1/4	1,981.72	1/4	1,595.01	1/4	1,208.29	1/4	821.64	1/4	435.45	1/4	51.01	1/4		1/4		1/4	
1/2	2,360.38	1/2	1,973.67	1/2	1,586.95	1/2	1,200.23	1/2	813.60	1/2	427.39	1/2	43.70	1/2		1/2		1/2	
3/4	2,352.33	3/4	1,965.61	3/4	1,578.89	3/4	1,192.18	3/4	805.56	3/4	419.33	3/4	38.17	3/4		3/4		3/4	
5	2,344.27	5	1,957.55	5	1,570.84	5	1,184.12	5	797.52	5	411.28	5	32.63	5		5		5	
1/4	2,336.21	1/4	1,949.50	1/4	1,562.78	1/4	1,176.06	1/4	789.48	1/4	403.22	1/4	27.09	1/4		1/4		1/4	
1/2	2,328.16	1/2	1,941.44	1/2	1,554.72	1/2	1,168.01	1/2	781.44	1/2	395.16	1/2	21.55	1/2		1/2		1/2	
3/4	2,320.10	3/4	1,933.38	3/4	1,546.67	3/4	1,159.95	3/4	773.40	3/4	387.11	3/4		3/4		3/4		3/4	
6	2,312.04	6	1,925.33	6	1,538.61	6	1,151.89	6	765.36	6	379.05	6		6		6		6	
1/4	2,303.99	1/4	1,917.27	1/4	1,530.55	1/4	1,143.84	1/4	757.31	1/4	370.99	1/4		1/4		1/4		1/4	
1/2	2,295.93	1/2	1,909.21	1/2	1,522.50	1/2	1,135.78	1/2	749.27	1/2	362.94	1/2		1/2		1/2		1/2	
3/4	2,287.87	3/4	1,901.16	3/4	1,514.44	3/4	1,127.72	3/4	741.23	3/4	354.88	3/4		3/4		3/4		3/4	
7	2,279.82	7	1,893.10	7	1,506.38	7	1,119.67	7	733.19	7	346.83	7		7		7		7	
1/4	2,271.76	1/4	1,885.04	1/4	1,498.33	1/4	1,111.61	1/4	725.15	1/4	338.77	1/4		1/4		1/4		1/4	
1/2	2,263.70	1/2	1,876.99	1/2	1,490.27	1/2	1,103.55	1/2	717.11	1/2	330.71	1/2		1/2		1/2		1/2	
3/4	2,255.65	3/4	1,868.93	3/4	1,482.21	3/4	1,095.50	3/4	709.07	3/4	322.66	3/4		3/4		3/4		3/4	
8	2,247.59	8	1,860.87	8	1,474.16	8	1,087.44	8	701.03	8	314.60	8		8		8		8	
1/4	2,239.53	1/4	1,852.82	1/4	1,466.10	1/4	1,079.38	1/4	692.99	1/4	306.54	1/4		1/4		1/4		1/4	
1/2	2,231.48	1/2	1,844.76	1/2	1,458.04	1/2	1,071.33	1/2	684.95	1/2	298.49	1/2		1/2		1/2		1/2	
3/4	2,223.42	3/4	1,836.70	3/4	1,449.99	3/4	1,063.27	3/4	676.91	3/4	290.43	3/4		3/4		3/4		3/4	
9	2,215.36	9	1,828.65	9	1,441.93	9	1,055.21	9	668.87	9	282.38	9		9		9		9	
1/4	2,207.31	1/4	1,820.59	1/4	1,433.87	1/4	1,047.16	1/4	660.83	1/4	274.32	1/4		1/4		1/4		1/4	
1/2	2,199.25	1/2	1,812.53	1/2	1,425.82	1/2	1,039.10	1/2	652.79	1/2	266.26	1/2		1/2		1/2		1/2	
3/4	2,191.20	3/4	1,804.48	3/4	1,417.76	3/4	1,031.04	3/4	644.75	3/4	258.21	3/4		3/4		3/4		3/4	
10	2,183.14	10	1,796.42	10	1,409.70	10	1,022.99	10	636.71	10	250.15	10		10		10		10	
1/4	2,175.08	1/4	1,788.37	1/4	1,401.65	1/4	1,014.93	1/4	628.67	1/4	242.09	1/4		1/4		1/4		1/4	
1/2	2,167.03	1/2	1,780.31	1/2	1,393.59	1/2	1,006.87	1/2	620.63	1/2	234.04	1/2		1/2		1/2		1/2	
3/4	2,158.97	3/4	1,772.25	3/4	1,385.54	3/4	998.82	3/4	612.59	3/4	225.98	3/4		3/4		3/4		3/4	
11	2,150.91	11	1,764.20	11	1,377.48	11	990.76	11	604.55	11	217.93	11		11		11		11	
1/4	2,142.86	1/4	1,756.14	1/4	1,369.42	1/4	982.71	1/4	596.51	1/4	209.87	1/4		1/4		1/4		1/4	
1/2	2,134.80	1/2	1,748.08	1/2	1,361.37	1/2	974.65	1/2	588.46	1/2	201.81	1/2		1/2		1/2		1/2	
3/4	2,126.74	3/4	1,740.03	3/4	1,353.31	3/4	966.59	3/4	580.42	3/4	193.76	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/15/2015 PMA
RECALCULATED: 12/08/22 CL
REPRINTED: 12/08/22 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2022

PRECISION MEASUREMENT
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P.O. Box 2092
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http://www.pmacorp.net

BARGE "KIRBY 31006B"

2 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 357B"

GAUGE HEIGHT 16'-05 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	5,102.70	0	4,772.50	0	4,420.54	0	4,050.42	0	3,664.65	0	3,275.62	0	2,886.59
1/4		1/4		1/4		1/4	5,095.12	1/4	4,765.35	1/4	4,413.00	1/4	4,042.54	1/4	3,656.54	1/4	3,267.51	1/4	2,878.48
1/2		1/2		1/2		1/2	5,087.53	1/2	4,758.18	1/2	4,405.44	1/2	4,034.63	1/2	3,648.44	1/2	3,259.41	1/2	2,870.38
3/4		3/4		3/4		3/4	5,079.94	3/4	4,751.01	3/4	4,397.88	3/4	4,026.72	3/4	3,640.33	3/4	3,251.30	3/4	2,862.27
1		1		1		1	5,072.35	1	4,743.84	1	4,390.31	1	4,018.81	1	3,632.23	1	3,243.20	1	2,854.17
1/4		1/4		1/4		1/4	5,064.76	1/4	4,736.67	1/4	4,382.75	1/4	4,010.90	1/4	3,624.12	1/4	3,235.09	1/4	2,846.06
1/2		1/2		1/2		1/2	5,058.07	1/2	4,729.48	1/2	4,375.16	1/2	4,002.96	1/2	3,616.02	1/2	3,226.99	1/2	2,837.96
3/4		3/4		3/4		3/4	5,051.38	3/4	4,722.28	3/4	4,367.56	3/4	3,995.02	3/4	3,607.91	3/4	3,218.88	3/4	2,829.85
2		2		2		2	5,044.69	2	4,715.09	2	4,359.97	2	3,987.08	2	3,599.81	2	3,210.78	2	2,821.75
1/4		1/4		1/4		1/4	5,038.00	1/4	4,707.89	1/4	4,352.38	1/4	3,979.15	1/4	3,591.70	1/4	3,202.67	1/4	2,813.64
1/2		1/2		1/2		1/2	5,031.59	1/2	4,700.67	1/2	4,344.76	1/2	3,971.18	1/2	3,583.60	1/2	3,194.57	1/2	2,805.54
3/4		3/4		3/4		3/4	5,025.17	3/4	4,693.45	3/4	4,337.13	3/4	3,963.21	3/4	3,575.49	3/4	3,186.46	3/4	2,797.43
3		3		3		3	5,018.76	3	4,686.22	3	4,329.51	3	3,955.24	3	3,567.39	3	3,178.36	3	2,789.33
1/4		1/4		1/4		1/4	5,012.35	1/4	4,679.00	1/4	4,321.89	1/4	3,947.27	1/4	3,559.29	1/4	3,170.25	1/4	2,781.22
1/2		1/2		1/2		1/2	5,005.91	1/2	4,671.75	1/2	4,314.24	1/2	3,939.28	1/2	3,551.18	1/2	3,162.15	1/2	2,773.12
3/4		3/4		3/4		3/4	4,999.47	3/4	4,664.49	3/4	4,306.59	3/4	3,931.28	3/4	3,543.08	3/4	3,154.05	3/4	2,765.01
4		4		4		4	4,993.02	4	4,657.24	4	4,298.94	4	3,923.28	4	3,534.97	4	3,145.94	4	2,756.91
1/4		1/4		1/4		1/4	4,986.58	1/4	4,649.99	1/4	4,291.29	1/4	3,915.29	1/4	3,526.87	1/4	3,137.84	1/4	2,748.81
1/2		1/2		1/2		1/2	4,980.11	1/2	4,642.71	1/2	4,283.62	1/2	3,907.26	1/2	3,518.76	1/2	3,129.73	1/2	2,740.70
3/4		3/4		3/4		3/4	4,973.64	3/4	4,635.43	3/4	4,275.95	3/4	3,899.24	3/4	3,510.66	3/4	3,121.63	3/4	2,732.60
5		5		5		5	4,967.17	5	4,628.14	5	4,268.28	5	3,891.21	5	3,502.55	5	3,113.52	5	2,724.49
1/4		1/4		1/4		1/4	4,960.70	1/4	4,620.86	1/4	4,260.60	1/4	3,883.19	1/4	3,494.45	1/4	3,105.42	1/4	2,716.39
1/2		1/2		1/2		1/2	4,954.20	1/2	4,613.54	1/2	4,252.91	1/2	3,875.13	1/2	3,486.34	1/2	3,097.31	1/2	2,708.28
3/4		3/4		3/4		3/4	4,947.70	3/4	4,606.23	3/4	4,245.21	3/4	3,867.08	3/4	3,478.24	3/4	3,089.21	3/4	2,700.18
6		6		6		6	4,941.20	6	4,598.91	6	4,237.51	6	3,859.02	6	3,470.13	6	3,081.10	6	2,692.07
1/4		1/4		1/4	5,265.76	1/4	4,934.70	1/4	4,591.59	1/4	4,229.82	1/4	3,850.97	1/4	3,462.03	1/4	3,073.00	1/4	2,683.97
1/2		1/2		1/2	5,260.67	1/2	4,927.82	1/2	4,584.24	1/2	4,222.09	1/2	3,842.88	1/2	3,453.92	1/2	3,064.89	1/2	2,675.86
3/4		3/4		3/4	5,255.57	3/4	4,920.93	3/4	4,576.89	3/4	4,214.36	3/4	3,834.80	3/4	3,445.82	3/4	3,056.79	3/4	2,667.76
7		7		7	5,250.48	7	4,914.05	7	4,569.54	7	4,206.64	7	3,826.72	7	3,437.71	7	3,048.68	7	2,659.65
1/4		1/4		1/4	5,245.38	1/4	4,907.16	1/4	4,562.19	1/4	4,198.91	1/4	3,818.63	1/4	3,429.61	1/4	3,040.58	1/4	2,651.55
1/2		1/2		1/2	5,238.26	1/2	4,900.13	1/2	4,554.81	1/2	4,191.16	1/2	3,810.53	1/2	3,421.50	1/2	3,032.47	1/2	2,643.44
3/4		3/4		3/4	5,231.14	3/4	4,893.10	3/4	4,547.43	3/4	4,183.40	3/4	3,802.43	3/4	3,413.40	3/4	3,024.37	3/4	2,635.34
8		8		8	5,224.01	8	4,886.06	8	4,540.05	8	4,175.65	8	3,794.32	8	3,405.29	8	3,016.26	8	2,627.23
1/4		1/4		1/4	5,216.89	1/4	4,879.03	1/4	4,532.67	1/4	4,167.89	1/4	3,786.22	1/4	3,397.19	1/4	3,008.16	1/4	2,619.13
1/2		1/2		1/2	5,209.26	1/2	4,871.97	1/2	4,525.26	1/2	4,160.11	1/2	3,778.11	1/2	3,389.08	1/2	3,000.05	1/2	2,611.02
3/4		3/4		3/4	5,201.64	3/4	4,864.91	3/4	4,517.86	3/4	4,152.33	3/4	3,770.01	3/4	3,380.98	3/4	2,991.95	3/4	2,602.92
9		9		9	5,194.01	9	4,857.84	9	4,510.45	9	4,144.54	9	3,761.91	9	3,372.87	9	2,983.84	9	2,594.81
1/4		1/4		1/4	5,186.38	1/4	4,850.78	1/4	4,503.04	1/4	4,136.76	1/4	3,753.80	1/4	3,364.77	1/4	2,975.74	1/4	2,586.71
1/2		1/2		1/2	5,178.75	1/2	4,843.69	1/2	4,495.57	1/2	4,128.94	1/2	3,745.70	1/2	3,356.67	1/2	2,967.63	1/2	2,578.60
3/4		3/4		3/4	5,171.12	3/4	4,836.60	3/4	4,488.10	3/4	4,121.12	3/4	3,737.59	3/4	3,348.56	3/4	2,959.53	3/4	2,570.50
10		10		10	5,163.49	10	4,829.51	10	4,480.64	10	4,113.30	10	3,729.49	10	3,340.46	10	2,951.43	10	2,562.39
1/4		1/4		1/4	5,155.86	1/4	4,822.42	1/4	4,473.17	1/4	4,105.48	1/4	3,721.38	1/4	3,332.35	1/4	2,943.32	1/4	2,554.29
1/2		1/2		1/2	5,148.26	1/2	4,815.30	1/2	4,465.66	1/2	4,097.62	1/2	3,713.28	1/2	3,324.25	1/2	2,935.22	1/2	2,546.19
3/4		3/4		3/4	5,140.67	3/4	4,808.18	3/4	4,458.16	3/4	4,089.77	3/4	3,705.17	3/4	3,316.14	3/4	2,927.11	3/4	2,538.08
11		11		11	5,133.07	11	4,801.06	11	4,450.65	11	4,081.92	11	3,697.07	11	3,308.04	11	2,919.01	11	2,529.98
1/4		1/4		1/4	5,125.47	1/4	4,793.94	1/4	4,443.14	1/4	4,074.07	1/4	3,688.96	1/4	3,299.93	1/4	2,910.90	1/4	2,521.87
1/2		1/2		1/2	5,117.88	1/2	4,786.79	1/2	4,435.61	1/2	4,066.19	1/2	3,680.86	1/2	3,291.83	1/2	2,902.80	1/2	2,513.77
3/4		3/4		3/4	5,110.29	3/4	4,779.65	3/4	4,428.07	3/4	4,058.30	3/4	3,672.75	3/4	3,283.72	3/4	2,894.69	3/4	2,505.66

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 51'-06" FORWARD OF AFT BULKHEAD.

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

BARGE "KIRBY 31006B"

2 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 357B"

GAUGE HEIGHT 16'-05 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,497.56	0	2,108.53	0	1,719.50	0	1,330.47	0	941.43	0	565.25	0	178.70	0		0		0	
1/4	2,489.45	1/4	2,100.42	1/4	1,711.39	1/4	1,322.36	1/4	933.33	1/4	557.46	1/4	170.60	1/4		1/4		1/4	
1/2	2,481.35	1/2	2,092.32	1/2	1,703.29	1/2	1,314.26	1/2	925.23	1/2	549.66	1/2	162.49	1/2		1/2		1/2	
3/4	2,473.24	3/4	2,084.21	3/4	1,695.18	3/4	1,306.15	3/4	917.12	3/4	541.87	3/4	154.39	3/4		3/4		3/4	
1	2,465.14	1	2,076.11	1	1,687.08	1	1,298.05	1	909.02	1	534.07	1	146.28	1		1		1	
1/4	2,457.03	1/4	2,068.00	1/4	1,678.97	1/4	1,289.94	1/4	900.91	1/4	526.28	1/4	138.18	1/4		1/4		1/4	
1/2	2,448.93	1/2	2,059.90	1/2	1,670.87	1/2	1,281.84	1/2	892.92	1/2	518.37	1/2	130.07	1/2		1/2		1/2	
3/4	2,440.82	3/4	2,051.79	3/4	1,662.76	3/4	1,273.73	3/4	884.93	3/4	510.45	3/4	121.97	3/4		3/4		3/4	
2	2,432.72	2	2,043.69	2	1,654.66	2	1,265.63	2	876.94	2	502.54	2	113.87	2		2		2	
1/4	2,424.61	1/4	2,035.58	1/4	1,646.55	1/4	1,257.52	1/4	868.95	1/4	494.63	1/4	105.76	1/4		1/4		1/4	
1/2	2,416.51	1/2	2,027.48	1/2	1,638.45	1/2	1,249.42	1/2	861.12	1/2	486.56	1/2	97.66	1/2		1/2		1/2	
3/4	2,408.40	3/4	2,019.37	3/4	1,630.34	3/4	1,241.31	3/4	853.29	3/4	478.49	3/4	89.55	3/4		3/4		3/4	
3	2,400.30	3	2,011.27	3	1,622.24	3	1,233.21	3	845.46	3	470.43	3	81.45	3		3		3	
1/4	2,392.19	1/4	2,003.16	1/4	1,614.13	1/4	1,225.10	1/4	837.63	1/4	462.36	1/4	73.34	1/4		1/4		1/4	
1/2	2,384.09	1/2	1,995.06	1/2	1,606.03	1/2	1,217.00	1/2	829.85	1/2	454.25	1/2	66.00	1/2		1/2		1/2	
3/4	2,375.98	3/4	1,986.95	3/4	1,597.92	3/4	1,208.89	3/4	822.07	3/4	446.15	3/4	58.65	3/4		3/4		3/4	
4	2,367.88	4	1,978.85	4	1,589.82	4	1,200.79	4	814.28	4	438.05	4	51.31	4		4		4	
1/4	2,359.77	1/4	1,970.74	1/4	1,581.71	1/4	1,192.68	1/4	806.50	1/4	429.94	1/4	43.96	1/4		1/4		1/4	
1/2	2,351.67	1/2	1,962.64	1/2	1,573.61	1/2	1,184.58	1/2	798.72	1/2	421.84	1/2	38.39	1/2		1/2		1/2	
3/4	2,343.57	3/4	1,954.53	3/4	1,565.50	3/4	1,176.47	3/4	790.93	3/4	413.73	3/4	32.82	3/4		3/4		3/4	
5	2,335.46	5	1,946.43	5	1,557.40	5	1,168.37	5	783.15	5	405.63	5	27.24	5		5		5	
1/4	2,327.36	1/4	1,938.33	1/4	1,549.29	1/4	1,160.26	1/4	775.37	1/4	397.52	1/4	21.67	1/4		1/4		1/4	
1/2	2,319.25	1/2	1,930.22	1/2	1,541.19	1/2	1,152.16	1/2	767.59	1/2	389.42	1/2		1/2		1/2		1/2	
3/4	2,311.15	3/4	1,922.12	3/4	1,533.09	3/4	1,144.05	3/4	759.81	3/4	381.31	3/4		3/4		3/4		3/4	
6	2,303.04	6	1,914.01	6	1,524.98	6	1,135.95	6	752.02	6	373.21	6		6		6		6	
1/4	2,294.94	1/4	1,905.91	1/4	1,516.88	1/4	1,127.85	1/4	744.24	1/4	365.11	1/4		1/4		1/4		1/4	
1/2	2,286.83	1/2	1,897.80	1/2	1,508.77	1/2	1,119.74	1/2	736.46	1/2	357.00	1/2		1/2		1/2		1/2	
3/4	2,278.73	3/4	1,889.70	3/4	1,500.67	3/4	1,111.64	3/4	728.68	3/4	348.90	3/4		3/4		3/4		3/4	
7	2,270.62	7	1,881.59	7	1,492.56	7	1,103.53	7	720.90	7	340.79	7		7		7		7	
1/4	2,262.52	1/4	1,873.49	1/4	1,484.46	1/4	1,095.43	1/4	713.11	1/4	332.69	1/4		1/4		1/4		1/4	
1/2	2,254.41	1/2	1,865.38	1/2	1,476.35	1/2	1,087.32	1/2	705.33	1/2	324.58	1/2		1/2		1/2		1/2	
3/4	2,246.31	3/4	1,857.28	3/4	1,468.25	3/4	1,079.22	3/4	697.55	3/4	316.48	3/4		3/4		3/4		3/4	
8	2,238.20	8	1,849.17	8	1,460.14	8	1,071.11	8	689.77	8	308.37	8		8		8		8	
1/4	2,230.10	1/4	1,841.07	1/4	1,452.04	1/4	1,063.01	1/4	681.99	1/4	300.27	1/4		1/4		1/4		1/4	
1/2	2,221.99	1/2	1,832.96	1/2	1,443.93	1/2	1,054.90	1/2	674.21	1/2	292.16	1/2		1/2		1/2		1/2	
3/4	2,213.89	3/4	1,824.86	3/4	1,435.83	3/4	1,046.80	3/4	666.43	3/4	284.06	3/4		3/4		3/4		3/4	
9	2,205.78	9	1,816.75	9	1,427.72	9	1,038.69	9	658.65	9	275.96	9		9		9		9	
1/4	2,197.68	1/4	1,808.65	1/4	1,419.62	1/4	1,030.59	1/4	650.86	1/4	267.85	1/4		1/4		1/4		1/4	
1/2	2,189.57	1/2	1,800.54	1/2	1,411.51	1/2	1,022.48	1/2	643.08	1/2	259.75	1/2		1/2		1/2		1/2	
3/4	2,181.47	3/4	1,792.44	3/4	1,403.41	3/4	1,014.38	3/4	635.30	3/4	251.64	3/4		3/4		3/4		3/4	
10	2,173.36	10	1,784.33	10	1,395.30	10	1,006.27	10	627.52	10	243.54	10		10		10		10	
1/4	2,165.26	1/4	1,776.23	1/4	1,387.20	1/4	998.17	1/4	619.74	1/4	235.43	1/4		1/4		1/4		1/4	
1/2	2,157.15	1/2	1,768.12	1/2	1,379.09	1/2	990.06	1/2	611.95	1/2	227.33	1/2		1/2		1/2		1/2	
3/4	2,149.05	3/4	1,760.02	3/4	1,370.99	3/4	981.96	3/4	604.17	3/4	219.22	3/4		3/4		3/4		3/4	
11	2,140.95	11	1,751.91	11	1,362.88	11	973.85	11	596.39	11	211.12	11		11		11		11	
1/4	2,132.84	1/4	1,743.81	1/4	1,354.78	1/4	965.75	1/4	588.61	1/4	203.02	1/4		1/4		1/4		1/4	
1/2	2,124.74	1/2	1,735.71	1/2	1,346.67	1/2	957.64	1/2	580.82	1/2	194.91	1/2		1/2		1/2		1/2	
3/4	2,116.63	3/4	1,727.60	3/4	1,338.57	3/4	949.54	3/4	573.03	3/4	186.81	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/15/2015 PMA
RECALCULATED: 12/08/22 CL
REPRINTED: 12/08/22 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2022

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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http://www.pmacorp.net

BARGE "KIRBY 31006B"

2 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 357B"

GAUGE HEIGHT 16'-05 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	5,094.96	0	4,766.10	0	4,415.62	0	4,047.11	0	3,663.07	0	3,275.76	0	2,888.46
1/4		1/4		1/4		1/4	5,087.41	1/4	4,758.98	1/4	4,408.12	1/4	4,039.26	1/4	3,655.00	1/4	3,267.69	1/4	2,880.39
1/2		1/2		1/2		1/2	5,079.85	1/2	4,751.84	1/2	4,400.59	1/2	4,031.39	1/2	3,646.93	1/2	3,259.62	1/2	2,872.32
3/4		3/4		3/4		3/4	5,072.30	3/4	4,744.70	3/4	4,393.06	3/4	4,023.51	3/4	3,638.86	3/4	3,251.56	3/4	2,864.25
1		1		1		1	5,064.74	1	4,737.56	1	4,385.53	1	4,015.64	1	3,630.79	1	3,243.49	1	2,856.18
1/4		1/4		1/4		1/4	5,057.18	1/4	4,730.42	1/4	4,377.99	1/4	4,007.76	1/4	3,622.73	1/4	3,235.42	1/4	2,848.11
1/2		1/2		1/2		1/2	5,050.52	1/2	4,723.26	1/2	4,370.43	1/2	3,999.86	1/2	3,614.66	1/2	3,227.35	1/2	2,840.04
3/4		3/4		3/4		3/4	5,043.86	3/4	4,716.09	3/4	4,362.87	3/4	3,991.95	3/4	3,606.59	3/4	3,219.28	3/4	2,831.97
2		2		2		2	5,037.19	2	4,708.93	2	4,355.31	2	3,984.05	2	3,598.52	2	3,211.21	2	2,823.90
1/4		1/4		1/4		1/4	5,030.53	1/4	4,701.76	1/4	4,347.75	1/4	3,976.15	1/4	3,590.45	1/4	3,203.14	1/4	2,815.84
1/2		1/2		1/2		1/2	5,024.14	1/2	4,694.57	1/2	4,340.16	1/2	3,968.21	1/2	3,582.38	1/2	3,195.07	1/2	2,807.77
3/4		3/4		3/4		3/4	5,017.75	3/4	4,687.38	3/4	4,332.58	3/4	3,960.28	3/4	3,574.31	3/4	3,187.00	3/4	2,799.70
3		3		3		3	5,011.37	3	4,680.18	3	4,324.99	3	3,952.35	3	3,566.24	3	3,178.94	3	2,791.63
1/4		1/4		1/4		1/4	5,004.98	1/4	4,672.99	1/4	4,317.40	1/4	3,944.41	1/4	3,558.17	1/4	3,170.87	1/4	2,783.56
1/2		1/2		1/2		1/2	4,998.56	1/2	4,665.77	1/2	4,309.78	1/2	3,936.45	1/2	3,550.11	1/2	3,162.80	1/2	2,775.49
3/4		3/4		3/4		3/4	4,992.14	3/4	4,658.55	3/4	4,302.16	3/4	3,928.49	3/4	3,542.04	3/4	3,154.73	3/4	2,767.42
4		4		4		4	4,985.73	4	4,651.32	4	4,294.55	4	3,920.53	4	3,533.97	4	3,146.66	4	2,759.35
1/4		1/4		1/4		1/4	4,979.31	1/4	4,644.10	1/4	4,286.93	1/4	3,912.57	1/4	3,525.90	1/4	3,138.59	1/4	2,751.28
1/2		1/2		1/2		1/2	4,972.87	1/2	4,636.85	1/2	4,279.29	1/2	3,904.58	1/2	3,517.83	1/2	3,130.52	1/2	2,743.22
3/4		3/4		3/4		3/4	4,966.42	3/4	4,629.60	3/4	4,271.65	3/4	3,896.59	3/4	3,509.76	3/4	3,122.45	3/4	2,735.15
5		5		5		5	4,959.98	5	4,622.35	5	4,264.01	5	3,888.60	5	3,501.69	5	3,114.38	5	2,727.08
1/4		1/4		1/4		1/4	4,953.53	1/4	4,615.10	1/4	4,256.38	1/4	3,880.61	1/4	3,493.62	1/4	3,106.32	1/4	2,719.01
1/2		1/2		1/2		1/2	4,947.06	1/2	4,607.81	1/2	4,248.71	1/2	3,872.59	1/2	3,485.55	1/2	3,098.25	1/2	2,710.94
3/4		3/4		3/4		3/4	4,940.58	3/4	4,600.52	3/4	4,241.05	3/4	3,864.57	3/4	3,477.49	3/4	3,090.18	3/4	2,702.87
6		6		6		6	4,934.11	6	4,593.23	6	4,233.39	6	3,856.55	6	3,469.42	6	3,082.11	6	2,694.80
1/4		1/4		1/4	5,257.32	1/4	4,927.63	1/4	4,585.95	1/4	4,225.72	1/4	3,848.53	1/4	3,461.35	1/4	3,074.04	1/4	2,686.73
1/2		1/2		1/2	5,252.25	1/2	4,920.78	1/2	4,578.63	1/2	4,218.03	1/2	3,840.49	1/2	3,453.28	1/2	3,065.97	1/2	2,678.66
3/4		3/4		3/4	5,247.17	3/4	4,913.92	3/4	4,571.31	3/4	4,210.34	3/4	3,832.44	3/4	3,445.21	3/4	3,057.90	3/4	2,670.59
7		7		7	5,242.10	7	4,907.06	7	4,563.99	7	4,202.64	7	3,824.39	7	3,437.14	7	3,049.83	7	2,662.53
1/4		1/4		1/4	5,237.03	1/4	4,900.21	1/4	4,556.67	1/4	4,194.95	1/4	3,816.34	1/4	3,429.07	1/4	3,041.76	1/4	2,654.46
1/2		1/2		1/2	5,229.93	1/2	4,893.20	1/2	4,549.32	1/2	4,187.23	1/2	3,808.28	1/2	3,421.00	1/2	3,033.70	1/2	2,646.39
3/4		3/4		3/4	5,222.84	3/4	4,886.20	3/4	4,541.97	3/4	4,179.51	3/4	3,800.22	3/4	3,412.93	3/4	3,025.63	3/4	2,638.32
8		8		8	5,215.75	8	4,879.19	8	4,534.63	8	4,171.79	8	3,792.16	8	3,404.86	8	3,017.56	8	2,630.25
1/4		1/4		1/4	5,208.66	1/4	4,872.19	1/4	4,527.28	1/4	4,164.07	1/4	3,784.10	1/4	3,396.80	1/4	3,009.49	1/4	2,622.18
1/2		1/2		1/2	5,201.06	1/2	4,865.16	1/2	4,519.90	1/2	4,156.32	1/2	3,776.03	1/2	3,388.73	1/2	3,001.42	1/2	2,614.11
3/4		3/4		3/4	5,193.47	3/4	4,858.12	3/4	4,512.52	3/4	4,148.57	3/4	3,767.97	3/4	3,380.66	3/4	2,993.35	3/4	2,606.04
9		9		9	5,185.87	9	4,851.09	9	4,505.15	9	4,140.82	9	3,759.90	9	3,372.59	9	2,985.28	9	2,597.97
1/4		1/4		1/4	5,178.28	1/4	4,844.06	1/4	4,497.77	1/4	4,133.07	1/4	3,751.83	1/4	3,364.52	1/4	2,977.21	1/4	2,589.91
1/2		1/2		1/2	5,170.68	1/2	4,837.00	1/2	4,490.34	1/2	4,125.28	1/2	3,743.76	1/2	3,356.45	1/2	2,969.14	1/2	2,581.84
3/4		3/4		3/4	5,163.08	3/4	4,829.94	3/4	4,482.90	3/4	4,117.50	3/4	3,735.69	3/4	3,348.38	3/4	2,961.08	3/4	2,573.77
10		10		10	5,155.49	10	4,822.87	10	4,475.47	10	4,109.71	10	3,727.62	10	3,340.31	10	2,953.01	10	2,565.70
1/4		1/4		1/4	5,147.89	1/4	4,815.81	1/4	4,468.03	1/4	4,101.92	1/4	3,719.55	1/4	3,332.24	1/4	2,944.94	1/4	2,557.63
1/2		1/2		1/2	5,140.33	1/2	4,808.72	1/2	4,460.56	1/2	4,094.10	1/2	3,711.48	1/2	3,324.18	1/2	2,936.87	1/2	2,549.56
3/4		3/4		3/4	5,132.76	3/4	4,801.63	3/4	4,453.08	3/4	4,086.29	3/4	3,703.41	3/4	3,316.11	3/4	2,928.80	3/4	2,541.49
11		11		11	5,125.20	11	4,794.54	11	4,445.61	11	4,078.47	11	3,695.35	11	3,308.04	11	2,920.73	11	2,533.42
1/4		1/4		1/4	5,117.63	1/4	4,787.45	1/4	4,438.13	1/4	4,070.65	1/4	3,687.28	1/4	3,299.97	1/4	2,912.66	1/4	2,525.35
1/2		1/2		1/2	5,110.07	1/2	4,780.34	1/2	4,430.63	1/2	4,062.80	1/2	3,679.21	1/2	3,291.90	1/2	2,904.59	1/2	2,517.29
3/4		3/4		3/4	5,102.52	3/4	4,773.22	3/4	4,423.13	3/4	4,054.96	3/4	3,671.14	3/4	3,283.83	3/4	2,896.52	3/4	2,509.22

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 51'-06" FORWARD OF AFT BULKHEAD.

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

BARGE "KIRBY 31006B"

2 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 357B"

GAUGE HEIGHT 16'-05 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,501.15	0	2,113.84	0	1,726.53	0	1,339.23	0	951.92	0	565.18	0	177.91	0		0		0	
1/4	2,493.08	1/4	2,105.77	1/4	1,718.46	1/4	1,331.16	1/4	943.85	1/4	557.12	1/4	169.84	1/4		1/4		1/4	
1/2	2,485.01	1/2	2,097.70	1/2	1,710.40	1/2	1,323.09	1/2	935.78	1/2	549.05	1/2	161.77	1/2		1/2		1/2	
3/4	2,476.94	3/4	2,089.63	3/4	1,702.33	3/4	1,315.02	3/4	927.71	3/4	540.99	3/4	153.70	3/4		3/4		3/4	
1	2,468.87	1	2,081.57	1	1,694.26	1	1,306.95	1	919.64	1	532.92	1	145.63	1		1		1	
1/4	2,460.80	1/4	2,073.50	1/4	1,686.19	1/4	1,298.88	1/4	911.57	1/4	524.86	1/4	137.56	1/4		1/4		1/4	
1/2	2,452.73	1/2	2,065.43	1/2	1,678.12	1/2	1,290.81	1/2	903.51	1/2	516.79	1/2	129.49	1/2		1/2		1/2	
3/4	2,444.67	3/4	2,057.36	3/4	1,670.05	3/4	1,282.74	3/4	895.44	3/4	508.72	3/4	121.43	3/4		3/4		3/4	
2	2,436.60	2	2,049.29	2	1,661.98	2	1,274.68	2	887.37	2	500.65	2	113.36	2		2		2	
1/4	2,428.53	1/4	2,041.22	1/4	1,653.91	1/4	1,266.61	1/4	879.30	1/4	492.58	1/4	105.29	1/4		1/4		1/4	
1/2	2,420.46	1/2	2,033.15	1/2	1,645.84	1/2	1,258.54	1/2	871.24	1/2	484.51	1/2	97.22	1/2		1/2		1/2	
3/4	2,412.39	3/4	2,025.08	3/4	1,637.78	3/4	1,250.47	3/4	863.17	3/4	476.44	3/4	89.15	3/4		3/4		3/4	
3	2,404.32	3	2,017.01	3	1,629.71	3	1,242.40	3	855.11	3	468.37	3	81.08	3		3		3	
1/4	2,396.25	1/4	2,008.95	1/4	1,621.64	1/4	1,234.33	1/4	847.05	1/4	460.31	1/4	73.01	1/4		1/4		1/4	
1/2	2,388.18	1/2	2,000.88	1/2	1,613.57	1/2	1,226.26	1/2	839.00	1/2	452.24	1/2	65.70	1/2		1/2		1/2	
3/4	2,380.11	3/4	1,992.81	3/4	1,605.50	3/4	1,218.19	3/4	830.94	3/4	444.17	3/4	58.39	3/4		3/4		3/4	
4	2,372.05	4	1,984.74	4	1,597.43	4	1,210.12	4	822.89	4	436.10	4	51.07	4		4		4	
1/4	2,363.98	1/4	1,976.67	1/4	1,589.36	1/4	1,202.06	1/4	814.83	1/4	428.03	1/4	43.76	1/4		1/4		1/4	
1/2	2,355.91	1/2	1,968.60	1/2	1,581.29	1/2	1,193.99	1/2	806.78	1/2	419.96	1/2	38.21	1/2		1/2		1/2	
3/4	2,347.84	3/4	1,960.53	3/4	1,573.22	3/4	1,185.92	3/4	798.72	3/4	411.89	3/4	32.67	3/4		3/4		3/4	
5	2,339.77	5	1,952.46	5	1,565.16	5	1,177.85	5	790.67	5	403.83	5	27.12	5		5		5	
1/4	2,331.70	1/4	1,944.39	1/4	1,557.09	1/4	1,169.78	1/4	782.62	1/4	395.76	1/4	21.58	1/4		1/4		1/4	
1/2	2,323.63	1/2	1,936.33	1/2	1,549.02	1/2	1,161.71	1/2	774.57	1/2	387.69	1/2		1/2		1/2		1/2	
3/4	2,315.56	3/4	1,928.26	3/4	1,540.95	3/4	1,153.64	3/4	766.51	3/4	379.62	3/4		3/4		3/4		3/4	
6	2,307.49	6	1,920.19	6	1,532.88	6	1,145.57	6	758.46	6	371.55	6		6		6		6	
1/4	2,299.43	1/4	1,912.12	1/4	1,524.81	1/4	1,137.50	1/4	750.41	1/4	363.48	1/4		1/4		1/4		1/4	
1/2	2,291.36	1/2	1,904.05	1/2	1,516.74	1/2	1,129.44	1/2	742.35	1/2	355.41	1/2		1/2		1/2		1/2	
3/4	2,283.29	3/4	1,895.98	3/4	1,508.67	3/4	1,121.37	3/4	734.30	3/4	347.35	3/4		3/4		3/4		3/4	
7	2,275.22	7	1,887.91	7	1,500.60	7	1,113.30	7	726.25	7	339.28	7		7		7		7	
1/4	2,267.15	1/4	1,879.84	1/4	1,492.54	1/4	1,105.23	1/4	718.19	1/4	331.21	1/4		1/4		1/4		1/4	
1/2	2,259.08	1/2	1,871.77	1/2	1,484.47	1/2	1,097.16	1/2	710.14	1/2	323.14	1/2		1/2		1/2		1/2	
3/4	2,251.01	3/4	1,863.70	3/4	1,476.40	3/4	1,089.09	3/4	702.09	3/4	315.07	3/4		3/4		3/4		3/4	
8	2,242.94	8	1,855.64	8	1,468.33	8	1,081.02	8	694.04	8	307.00	8		8		8		8	
1/4	2,234.87	1/4	1,847.57	1/4	1,460.26	1/4	1,072.95	1/4	685.98	1/4	298.93	1/4		1/4		1/4		1/4	
1/2	2,226.81	1/2	1,839.50	1/2	1,452.19	1/2	1,064.88	1/2	677.93	1/2	290.87	1/2		1/2		1/2		1/2	
3/4	2,218.74	3/4	1,831.43	3/4	1,444.12	3/4	1,056.81	3/4	669.88	3/4	282.80	3/4		3/4		3/4		3/4	
9	2,210.67	9	1,823.36	9	1,436.05	9	1,048.75	9	661.83	9	274.73	9		9		9		9	
1/4	2,202.60	1/4	1,815.29	1/4	1,427.98	1/4	1,040.68	1/4	653.78	1/4	266.66	1/4		1/4		1/4		1/4	
1/2	2,194.53	1/2	1,807.22	1/2	1,419.92	1/2	1,032.61	1/2	645.72	1/2	258.59	1/2		1/2		1/2		1/2	
3/4	2,186.46	3/4	1,799.15	3/4	1,411.85	3/4	1,024.54	3/4	637.67	3/4	250.52	3/4		3/4		3/4		3/4	
10	2,178.39	10	1,791.08	10	1,403.78	10	1,016.47	10	629.62	10	242.45	10		10		10		10	
1/4	2,170.32	1/4	1,783.02	1/4	1,395.71	1/4	1,008.40	1/4	621.57	1/4	234.39	1/4		1/4		1/4		1/4	
1/2	2,162.25	1/2	1,774.95	1/2	1,387.64	1/2	1,000.33	1/2	613.51	1/2	226.32	1/2		1/2		1/2		1/2	
3/4	2,154.19	3/4	1,766.88	3/4	1,379.57	3/4	992.26	3/4	605.46	3/4	218.25	3/4		3/4		3/4		3/4	
11	2,146.12	11	1,758.81	11	1,371.50	11	984.19	11	597.41	11	210.18	11		11		11		11	
1/4	2,138.05	1/4	1,750.74	1/4	1,363.43	1/4	976.13	1/4	589.35	1/4	202.11	1/4		1/4		1/4		1/4	
1/2	2,129.98	1/2	1,742.67	1/2	1,355.36	1/2	968.06	1/2	581.29	1/2	194.04	1/2		1/2		1/2		1/2	
3/4	2,121.91	3/4	1,734.60	3/4	1,347.30	3/4	959.99	3/4	573.24	3/4	185.97	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/15/2015 PMA
RECALCULATED: 12/08/22 CL
REPRINTED: 12/08/22 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2022

PRECISION MEASUREMENT
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BARGE "KIRBY 31006B"

3 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 357B"

GAUGE HEIGHT 16'-05 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	5,138.48	0	4,794.03	0	4,442.86	0	4,073.98	0	3,687.83	0	3,298.63	0	2,909.23
1/4		1/4		1/4		1/4	5,130.42	1/4	4,786.88	1/4	4,435.33	1/4	4,066.11	1/4	3,679.71	1/4	3,290.52	1/4	2,901.12
1/2		1/2		1/2		1/2	5,122.35	1/2	4,779.73	1/2	4,427.81	1/2	4,058.25	1/2	3,671.60	1/2	3,282.42	1/2	2,893.00
3/4		3/4		3/4		3/4	5,114.29	3/4	4,772.58	3/4	4,420.29	3/4	4,050.38	3/4	3,663.48	3/4	3,274.32	3/4	2,884.89
1		1		1		1	5,106.23	1	4,765.41	1	4,412.74	1	4,042.45	1	3,655.37	1	3,266.21	1	2,876.77
1/4		1/4		1/4		1/4	5,098.16	1/4	4,758.24	1/4	4,405.19	1/4	4,034.53	1/4	3,647.25	1/4	3,258.11	1/4	2,868.66
1/2		1/2		1/2		1/2	5,090.10	1/2	4,751.07	1/2	4,397.63	1/2	4,026.61	1/2	3,639.13	1/2	3,250.01	1/2	2,860.55
3/4		3/4		3/4		3/4	5,082.04	3/4	4,743.89	3/4	4,390.08	3/4	4,018.69	3/4	3,631.02	3/4	3,241.90	3/4	2,852.43
2		2		2		2	5,074.87	2	4,736.70	2	4,382.50	2	4,010.73	2	3,622.90	2	3,233.79	2	2,844.32
1/4		1/4		1/4		1/4	5,067.70	1/4	4,729.50	1/4	4,374.92	1/4	4,002.77	1/4	3,614.79	1/4	3,225.68	1/4	2,836.20
1/2		1/2		1/2		1/2	5,060.54	1/2	4,722.30	1/2	4,367.34	1/2	3,994.81	1/2	3,606.67	1/2	3,217.56	1/2	2,828.09
3/4		3/4		3/4		3/4	5,053.37	3/4	4,715.10	3/4	4,359.76	3/4	3,986.85	3/4	3,598.55	3/4	3,209.45	3/4	2,819.98
3		3		3		3	5,046.48	3	4,707.87	3	4,352.15	3	3,978.86	3	3,590.44	3	3,201.34	3	2,811.86
1/4		1/4		1/4		1/4	5,039.59	1/4	4,700.64	1/4	4,344.54	1/4	3,970.87	1/4	3,582.33	1/4	3,193.22	1/4	2,803.75
1/2		1/2		1/2		1/2	5,032.70	1/2	4,693.42	1/2	4,336.93	1/2	3,962.88	1/2	3,574.21	1/2	3,185.11	1/2	2,795.63
3/4		3/4		3/4		3/4	5,025.81	3/4	4,686.19	3/4	4,329.33	3/4	3,954.89	3/4	3,566.10	3/4	3,177.00	3/4	2,787.52
4		4		4		4	5,018.89	4	4,678.93	4	4,321.69	4	3,946.88	4	3,557.99	4	3,168.88	4	2,779.40
1/4		1/4		1/4		1/4	5,011.97	1/4	4,671.68	1/4	4,314.05	1/4	3,938.86	1/4	3,549.87	1/4	3,160.77	1/4	2,771.28
1/2		1/2		1/2		1/2	5,005.05	1/2	4,664.42	1/2	4,306.41	1/2	3,930.84	1/2	3,541.76	1/2	3,152.65	1/2	2,763.16
3/4		3/4		3/4		3/4	4,998.13	3/4	4,657.16	3/4	4,298.77	3/4	3,922.82	3/4	3,533.65	3/4	3,144.54	3/4	2,755.04
5		5		5		5	4,991.19	5	4,649.88	5	4,291.11	5	3,914.78	5	3,525.54	5	3,136.43	5	2,746.92
1/4		1/4		1/4		1/4	4,984.24	1/4	4,642.59	1/4	4,283.45	1/4	3,906.73	1/4	3,517.43	1/4	3,128.31	1/4	2,738.79
1/2		1/2		1/2		1/2	4,977.29	1/2	4,635.31	1/2	4,275.79	1/2	3,898.69	1/2	3,509.33	1/2	3,120.20	1/2	2,730.67
3/4		3/4		3/4		3/4	4,970.34	3/4	4,628.02	3/4	4,268.13	3/4	3,890.64	3/4	3,501.22	3/4	3,112.08	3/4	2,722.55
6		6		6		6	4,963.37	6	4,620.70	6	4,260.44	6	3,882.56	6	3,493.12	6	3,103.97	6	2,714.42
1/4		1/4		1/4		1/4	4,956.39	1/4	4,613.38	1/4	4,252.76	1/4	3,874.49	1/4	3,485.01	1/4	3,095.85	1/4	2,706.30
1/2		1/2		1/2		1/2	4,949.41	1/2	4,606.06	1/2	4,245.07	1/2	3,866.41	1/2	3,476.91	1/2	3,087.74	1/2	2,698.17
3/4		3/4		3/4	5,296.11	3/4	4,942.44	3/4	4,598.74	3/4	4,237.38	3/4	3,858.34	3/4	3,468.81	3/4	3,079.63	3/4	2,690.05
7		7		7	5,290.56	7	4,935.43	7	4,591.39	7	4,229.67	7	3,850.24	7	3,460.70	7	3,071.51	7	2,681.93
1/4		1/4		1/4	5,285.00	1/4	4,928.43	1/4	4,584.04	1/4	4,221.95	1/4	3,842.13	1/4	3,452.60	1/4	3,063.40	1/4	2,673.80
1/2		1/2		1/2	5,279.45	1/2	4,921.42	1/2	4,576.69	1/2	4,214.23	1/2	3,834.03	1/2	3,444.49	1/2	3,055.28	1/2	2,665.68
3/4		3/4		3/4	5,273.89	3/4	4,914.42	3/4	4,569.34	3/4	4,206.52	3/4	3,825.92	3/4	3,436.39	3/4	3,047.17	3/4	2,657.56
8		8		8	5,266.31	8	4,907.38	8	4,561.96	8	4,198.77	8	3,817.80	8	3,428.29	8	3,039.06	8	2,649.43
1/4		1/4		1/4	5,258.72	1/4	4,900.35	1/4	4,554.58	1/4	4,191.03	1/4	3,809.68	1/4	3,420.18	1/4	3,030.94	1/4	2,641.31
1/2		1/2		1/2	5,251.14	1/2	4,893.31	1/2	4,547.20	1/2	4,183.28	1/2	3,801.56	1/2	3,412.08	1/2	3,022.83	1/2	2,633.19
3/4		3/4		3/4	5,243.55	3/4	4,886.28	3/4	4,539.82	3/4	4,175.54	3/4	3,793.43	3/4	3,403.98	3/4	3,014.71	3/4	2,625.06
9		9		9	5,235.46	9	4,879.22	9	4,532.41	9	4,167.76	9	3,785.31	9	3,395.87	9	3,006.60	9	2,616.94
1/4		1/4		1/4	5,227.37	1/4	4,872.15	1/4	4,525.01	1/4	4,159.99	1/4	3,777.18	1/4	3,387.77	1/4	2,998.49	1/4	2,608.82
1/2		1/2		1/2	5,219.28	1/2	4,865.09	1/2	4,517.60	1/2	4,152.22	1/2	3,769.05	1/2	3,379.67	1/2	2,990.37	1/2	2,600.69
3/4		3/4		3/4	5,211.19	3/4	4,858.03	3/4	4,510.19	3/4	4,144.44	3/4	3,760.93	3/4	3,371.56	3/4	2,982.26	3/4	2,592.57
10		10		10	5,203.10	10	4,850.94	10	4,502.73	10	4,136.63	10	3,752.80	10	3,363.46	10	2,974.14	10	2,584.44
1/4		1/4		1/4	5,195.01	1/4	4,843.84	1/4	4,495.27	1/4	4,128.82	1/4	3,744.68	1/4	3,355.35	1/4	2,966.03	1/4	2,576.32
1/2		1/2		1/2	5,186.92	1/2	4,836.75	1/2	4,487.81	1/2	4,121.02	1/2	3,736.55	1/2	3,347.25	1/2	2,957.91	1/2	2,568.20
3/4		3/4		3/4	5,178.82	3/4	4,829.66	3/4	4,480.36	3/4	4,113.21	3/4	3,728.42	3/4	3,339.15	3/4	2,949.80	3/4	2,560.07
11		11		11	5,170.75	11	4,822.54	11	4,472.86	11	4,105.37	11	3,720.30	11	3,331.04	11	2,941.69	11	2,551.95
1/4		1/4		1/4	5,162.68	1/4	4,815.42	1/4	4,465.37	1/4	4,097.53	1/4	3,712.18	1/4	3,322.94	1/4	2,933.57	1/4	2,543.83
1/2		1/2		1/2	5,154.61	1/2	4,808.30	1/2	4,457.87	1/2	4,089.69	1/2	3,704.07	1/2	3,314.84	1/2	2,925.46	1/2	2,535.70
3/4		3/4		3/4	5,146.54	3/4	4,801.18	3/4	4,450.38	3/4	4,081.85	3/4	3,695.95	3/4	3,306.73	3/4	2,917.34	3/4	2,527.58

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 51'-00" FORWARD OF AFT BULKHEAD.

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

BARGE "KIRBY 31006B"

3 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 357B"

GAUGE HEIGHT 16'-05 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	2,519.46	0	2,129.52	0	1,740.45	0	1,350.93	0	961.16	0	582.51	0	195.42	0		0		0	
1/4	2,511.33	1/4	2,121.40	1/4	1,732.35	1/4	1,342.81	1/4	953.04	1/4	574.68	1/4	187.29	1/4		1/4		1/4	
1/2	2,503.21	1/2	2,113.28	1/2	1,724.25	1/2	1,334.69	1/2	944.92	1/2	566.85	1/2	179.16	1/2		1/2		1/2	
3/4	2,495.08	3/4	2,105.15	3/4	1,716.15	3/4	1,326.57	3/4	936.80	3/4	559.02	3/4	171.04	3/4		3/4		3/4	
1	2,486.96	1	2,097.03	1	1,708.05	1	1,318.45	1	928.68	1	551.19	1	162.91	1		1		1	
1/4	2,478.84	1/4	2,088.90	1/4	1,699.95	1/4	1,310.33	1/4	920.56	1/4	543.35	1/4	154.79	1/4		1/4		1/4	
1/2	2,470.71	1/2	2,080.78	1/2	1,691.85	1/2	1,302.21	1/2	912.44	1/2	535.51	1/2	146.66	1/2		1/2		1/2	
3/4	2,462.59	3/4	2,072.66	3/4	1,683.75	3/4	1,294.09	3/4	904.32	3/4	527.68	3/4	138.54	3/4		3/4		3/4	
2	2,454.47	2	2,064.53	2	1,675.66	2	1,285.97	2	896.30	2	519.74	2	130.41	2		2		2	
1/4	2,446.34	1/4	2,056.41	1/4	1,667.56	1/4	1,277.85	1/4	888.28	1/4	511.80	1/4	122.28	1/4		1/4		1/4	
1/2	2,438.22	1/2	2,048.29	1/2	1,659.46	1/2	1,269.73	1/2	880.26	1/2	503.85	1/2	114.16	1/2		1/2		1/2	
3/4	2,430.10	3/4	2,040.16	3/4	1,651.36	3/4	1,261.61	3/4	872.24	3/4	495.91	3/4	106.03	3/4		3/4		3/4	
3	2,421.97	3	2,032.06	3	1,643.24	3	1,253.49	3	864.36	3	487.83	3	97.91	3		3		3	
1/4	2,413.85	1/4	2,023.95	1/4	1,635.13	1/4	1,245.37	1/4	856.49	1/4	479.74	1/4	89.78	1/4		1/4		1/4	
1/2	2,405.73	1/2	2,015.84	1/2	1,627.02	1/2	1,237.25	1/2	848.61	1/2	471.65	1/2	81.66	1/2		1/2		1/2	
3/4	2,397.60	3/4	2,007.74	3/4	1,618.90	3/4	1,229.13	3/4	840.73	3/4	463.56	3/4	73.53	3/4		3/4		3/4	
4	2,389.48	4	1,999.64	4	1,610.78	4	1,221.01	4	832.89	4	455.44	4	66.17	4		4		4	
1/4	2,381.35	1/4	1,991.54	1/4	1,602.66	1/4	1,212.89	1/4	825.06	1/4	447.31	1/4	58.80	1/4		1/4		1/4	
1/2	2,373.23	1/2	1,983.44	1/2	1,594.54	1/2	1,204.77	1/2	817.22	1/2	439.19	1/2	51.44	1/2		1/2		1/2	
3/4	2,365.11	3/4	1,975.34	3/4	1,586.42	3/4	1,196.65	3/4	809.39	3/4	431.06	3/4	44.07	3/4		3/4		3/4	
5	2,356.98	5	1,967.24	5	1,578.30	5	1,188.53	5	801.56	5	422.94	5	38.49	5		5		5	
1/4	2,348.86	1/4	1,959.14	1/4	1,570.18	1/4	1,180.41	1/4	793.73	1/4	414.81	1/4	32.90	1/4		1/4		1/4	
1/2	2,340.74	1/2	1,951.04	1/2	1,562.06	1/2	1,172.29	1/2	785.91	1/2	406.68	1/2	27.31	1/2		1/2		1/2	
3/4	2,332.61	3/4	1,942.94	3/4	1,553.94	3/4	1,164.17	3/4	778.08	3/4	398.56	3/4	21.73	3/4		3/4		3/4	
6	2,324.49	6	1,934.84	6	1,545.82	6	1,156.05	6	770.26	6	390.43	6		6		6		6	
1/4	2,316.37	1/4	1,926.74	1/4	1,537.70	1/4	1,147.93	1/4	762.44	1/4	382.31	1/4		1/4		1/4		1/4	
1/2	2,308.24	1/2	1,918.64	1/2	1,529.58	1/2	1,139.80	1/2	754.61	1/2	374.18	1/2		1/2		1/2		1/2	
3/4	2,300.12	3/4	1,910.54	3/4	1,521.46	3/4	1,131.68	3/4	746.79	3/4	366.06	3/4		3/4		3/4		3/4	
7	2,291.99	7	1,902.44	7	1,513.34	7	1,123.56	7	738.97	7	357.93	7		7		7		7	
1/4	2,283.87	1/4	1,894.34	1/4	1,505.22	1/4	1,115.44	1/4	731.14	1/4	349.80	1/4		1/4		1/4		1/4	
1/2	2,275.75	1/2	1,886.24	1/2	1,497.10	1/2	1,107.32	1/2	723.32	1/2	341.68	1/2		1/2		1/2		1/2	
3/4	2,267.62	3/4	1,878.15	3/4	1,488.98	3/4	1,099.20	3/4	715.50	3/4	333.55	3/4		3/4		3/4		3/4	
8	2,259.50	8	1,870.05	8	1,480.86	8	1,091.08	8	707.68	8	325.43	8		8		8		8	
1/4	2,251.38	1/4	1,861.95	1/4	1,472.74	1/4	1,082.96	1/4	699.85	1/4	317.30	1/4		1/4		1/4		1/4	
1/2	2,243.25	1/2	1,853.85	1/2	1,464.62	1/2	1,074.84	1/2	692.03	1/2	309.18	1/2		1/2		1/2		1/2	
3/4	2,235.13	3/4	1,845.75	3/4	1,456.50	3/4	1,066.72	3/4	684.21	3/4	301.05	3/4		3/4		3/4		3/4	
9	2,227.01	9	1,837.65	9	1,448.38	9	1,058.60	9	676.39	9	292.92	9		9		9		9	
1/4	2,218.88	1/4	1,829.55	1/4	1,440.26	1/4	1,050.48	1/4	668.56	1/4	284.80	1/4		1/4		1/4		1/4	
1/2	2,210.76	1/2	1,821.45	1/2	1,432.14	1/2	1,042.36	1/2	660.74	1/2	276.67	1/2		1/2		1/2		1/2	
3/4	2,202.64	3/4	1,813.35	3/4	1,424.02	3/4	1,034.24	3/4	652.92	3/4	268.55	3/4		3/4		3/4		3/4	
10	2,194.51	10	1,805.25	10	1,415.89	10	1,026.12	10	645.10	10	260.42	10		10		10		10	
1/4	2,186.39	1/4	1,797.15	1/4	1,407.77	1/4	1,018.00	1/4	637.27	1/4	252.30	1/4		1/4		1/4		1/4	
1/2	2,178.26	1/2	1,789.05	1/2	1,399.65	1/2	1,009.88	1/2	629.45	1/2	244.17	1/2		1/2		1/2		1/2	
3/4	2,170.14	3/4	1,780.95	3/4	1,391.53	3/4	1,001.76	3/4	621.63	3/4	236.04	3/4		3/4		3/4		3/4	
11	2,162.02	11	1,772.85	11	1,383.41	11	993.64	11	613.81	11	227.92	11		11		11		11	
1/4	2,153.89	1/4	1,764.75	1/4	1,375.29	1/4	985.52	1/4	605.98	1/4	219.79	1/4		1/4		1/4		1/4	
1/2	2,145.77	1/2	1,756.65	1/2	1,367.17	1/2	977.40	1/2	598.16	1/2	211.67	1/2		1/2		1/2		1/2	
3/4	2,137.65	3/4	1,748.55	3/4	1,359.05	3/4	969.28	3/4	590.34	3/4	203.54	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/15/2015 PMA
RECALCULATED: 12/08/22 CL
REPRINTED: 12/08/22 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2022

PRECISION MEASUREMENT
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P.O. Box 2092
Pearland, Texas 77588
http://www.pmacorp.net

BARGE "KIRBY 31006B"

3 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 357B"

GAUGE HEIGHT 16'-06"

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	5,137.88	0	4,790.52	0	4,437.76	0	4,068.41	0	3,683.27	0	3,294.66	0	2,906.30
1/4		1/4		1/4		1/4	5,129.77	1/4	4,783.33	1/4	4,430.23	1/4	4,060.52	1/4	3,675.16	1/4	3,286.57	1/4	2,898.20
1/2		1/2		1/2		1/2	5,121.67	1/2	4,776.14	1/2	4,422.69	1/2	4,052.64	1/2	3,667.06	1/2	3,278.48	1/2	2,890.11
3/4		3/4		3/4		3/4	5,113.56	3/4	4,768.95	3/4	4,415.15	3/4	4,044.76	3/4	3,658.95	3/4	3,270.39	3/4	2,882.02
1		1		1		1	5,105.45	1	4,761.76	1	4,407.62	1	4,036.88	1	3,650.85	1	3,262.29	1	2,873.93
1/4		1/4		1/4		1/4	5,097.35	1/4	4,754.54	1/4	4,400.05	1/4	4,028.96	1/4	3,642.74	1/4	3,254.20	1/4	2,865.84
1/2		1/2		1/2		1/2	5,089.24	1/2	4,747.32	1/2	4,392.49	1/2	4,021.05	1/2	3,634.63	1/2	3,246.11	1/2	2,857.75
3/4		3/4		3/4		3/4	5,081.14	3/4	4,740.10	3/4	4,384.92	3/4	4,013.14	3/4	3,626.53	3/4	3,238.02	3/4	2,849.66
2		2		2		2	5,073.03	2	4,732.88	2	4,377.36	2	4,005.23	2	3,618.42	2	3,229.93	2	2,841.57
1/4		1/4		1/4		1/4	5,065.82	1/4	4,725.63	1/4	4,369.76	1/4	3,997.29	1/4	3,610.32	1/4	3,221.84	1/4	2,833.48
1/2		1/2		1/2		1/2	5,058.61	1/2	4,718.39	1/2	4,362.17	1/2	3,989.35	1/2	3,602.21	1/2	3,213.75	1/2	2,825.39
3/4		3/4		3/4		3/4	5,051.41	3/4	4,711.14	3/4	4,354.57	3/4	3,981.41	3/4	3,594.11	3/4	3,205.66	3/4	2,817.30
3		3		3		3	5,044.20	3	4,703.89	3	4,346.98	3	3,973.47	3	3,586.00	3	3,197.57	3	2,809.20
1/4		1/4		1/4		1/4	5,037.27	1/4	4,696.61	1/4	4,339.36	1/4	3,965.50	1/4	3,577.90	1/4	3,189.48	1/4	2,801.11
1/2		1/2		1/2		1/2	5,030.33	1/2	4,689.33	1/2	4,331.73	1/2	3,957.53	1/2	3,569.81	1/2	3,181.39	1/2	2,793.02
3/4		3/4		3/4		3/4	5,023.40	3/4	4,682.06	3/4	4,324.11	3/4	3,949.57	3/4	3,561.71	3/4	3,173.29	3/4	2,784.93
4		4		4		4	5,016.47	4	4,674.78	4	4,316.49	4	3,941.60	4	3,553.61	4	3,165.20	4	2,776.84
1/4		1/4		1/4		1/4	5,009.51	1/4	4,667.47	1/4	4,308.84	1/4	3,933.60	1/4	3,545.52	1/4	3,157.11	1/4	2,768.75
1/2		1/2		1/2		1/2	5,002.55	1/2	4,660.17	1/2	4,301.19	1/2	3,925.60	1/2	3,537.43	1/2	3,149.02	1/2	2,760.66
3/4		3/4		3/4		3/4	4,995.59	3/4	4,652.86	3/4	4,293.53	3/4	3,917.60	3/4	3,529.33	3/4	3,140.93	3/4	2,752.57
5		5		5		5	4,988.63	5	4,645.56	5	4,285.88	5	3,909.61	5	3,521.24	5	3,132.84	5	2,744.48
1/4		1/4		1/4		1/4	4,981.64	1/4	4,638.22	1/4	4,278.20	1/4	3,901.58	1/4	3,513.14	1/4	3,124.75	1/4	2,736.40
1/2		1/2		1/2		1/2	4,974.65	1/2	4,630.89	1/2	4,270.52	1/2	3,893.55	1/2	3,505.05	1/2	3,116.66	1/2	2,728.32
3/4		3/4		3/4		3/4	4,967.67	3/4	4,623.55	3/4	4,262.84	3/4	3,885.53	3/4	3,496.96	3/4	3,108.57	3/4	2,720.23
6		6		6		6	4,960.68	6	4,616.22	6	4,255.16	6	3,877.50	6	3,488.86	6	3,100.48	6	2,712.15
1/4		1/4		1/4		1/4	4,953.66	1/4	4,608.85	1/4	4,247.45	1/4	3,869.45	1/4	3,480.77	1/4	3,092.39	1/4	2,704.08
1/2		1/2		1/2		1/2	4,946.64	1/2	4,601.49	1/2	4,239.74	1/2	3,861.39	1/2	3,472.67	1/2	3,084.29	1/2	2,696.00
3/4		3/4		3/4		3/4	4,939.62	3/4	4,594.13	3/4	4,232.03	3/4	3,853.34	3/4	3,464.58	3/4	3,076.20	3/4	2,687.92
7		7		7	5,287.83	7	4,932.61	7	4,586.76	7	4,224.32	7	3,845.28	7	3,456.49	7	3,068.11	7	2,679.84
1/4		1/4		1/4	5,282.26	1/4	4,925.56	1/4	4,579.37	1/4	4,216.58	1/4	3,837.20	1/4	3,448.39	1/4	3,060.02	1/4	2,671.77
1/2		1/2		1/2	5,276.69	1/2	4,918.51	1/2	4,571.98	1/2	4,208.85	1/2	3,829.11	1/2	3,440.30	1/2	3,051.93	1/2	2,663.69
3/4		3/4		3/4	5,271.11	3/4	4,911.47	3/4	4,564.59	3/4	4,201.11	3/4	3,821.03	3/4	3,432.20	3/4	3,043.84	3/4	2,655.61
8		8		8	5,265.54	8	4,904.42	8	4,557.19	8	4,193.37	8	3,812.94	8	3,424.11	8	3,035.75	8	2,647.54
1/4		1/4		1/4	5,257.94	1/4	4,897.34	1/4	4,549.77	1/4	4,185.60	1/4	3,804.84	1/4	3,416.02	1/4	3,027.66	1/4	2,639.46
1/2		1/2		1/2	5,250.34	1/2	4,890.27	1/2	4,542.35	1/2	4,177.84	1/2	3,796.74	1/2	3,407.93	1/2	3,019.57	1/2	2,631.38
3/4		3/4		3/4	5,242.74	3/4	4,883.19	3/4	4,534.93	3/4	4,170.07	3/4	3,788.64	3/4	3,399.84	3/4	3,011.48	3/4	2,623.30
9		9		9	5,235.15	9	4,876.12	9	4,527.51	9	4,162.30	9	3,780.54	9	3,391.75	9	3,003.39	9	2,615.23
1/4		1/4		1/4	5,227.04	1/4	4,869.01	1/4	4,520.06	1/4	4,154.51	1/4	3,772.43	1/4	3,383.66	1/4	2,995.30	1/4	2,607.15
1/2		1/2		1/2	5,218.93	1/2	4,861.91	1/2	4,512.61	1/2	4,146.71	1/2	3,764.33	1/2	3,375.57	1/2	2,987.20	1/2	2,599.07
3/4		3/4		3/4	5,210.83	3/4	4,854.81	3/4	4,505.16	3/4	4,138.91	3/4	3,756.22	3/4	3,367.48	3/4	2,979.11	3/4	2,591.00
10		10		10	5,202.72	10	4,847.70	10	4,497.71	10	4,131.12	10	3,748.11	10	3,359.39	10	2,971.02	10	2,582.92
1/4		1/4		1/4	5,194.62	1/4	4,840.57	1/4	4,490.23	1/4	4,123.29	1/4	3,740.01	1/4	3,351.29	1/4	2,962.93	1/4	2,574.84
1/2		1/2		1/2	5,186.51	1/2	4,833.44	1/2	4,482.75	1/2	4,115.47	1/2	3,731.90	1/2	3,343.20	1/2	2,954.84	1/2	2,566.76
3/4		3/4		3/4	5,178.41	3/4	4,826.30	3/4	4,475.27	3/4	4,107.64	3/4	3,723.80	3/4	3,335.11	3/4	2,946.75	3/4	2,558.69
11		11		11	5,170.30	11	4,819.17	11	4,467.79	11	4,099.82	11	3,715.69	11	3,327.02	11	2,938.66	11	2,550.61
1/4		1/4		1/4	5,162.19	1/4	4,812.01	1/4	4,460.29	1/4	4,091.97	1/4	3,707.59	1/4	3,318.93	1/4	2,930.57	1/4	2,542.53
1/2		1/2		1/2	5,154.09	1/2	4,804.85	1/2	4,452.78	1/2	4,084.11	1/2	3,699.48	1/2	3,310.84	1/2	2,922.48	1/2	2,534.46
3/4		3/4		3/4	5,145.98	3/4	4,797.68	3/4	4,445.27	3/4	4,076.26	3/4	3,691.37	3/4	3,302.75	3/4	2,914.39	3/4	2,526.38

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 51'-00" FORWARD OF AFT BULKHEAD.

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

BARGE "KIRBY 31006B"

3 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 357B"

GAUGE HEIGHT 16'-06"

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	2,518.30	0	2,129.88	0	1,742.69	0	1,355.62	0	967.11	0	588.47	0	202.81	0		0		0	
1/4	2,510.22	1/4	2,121.79	1/4	1,734.65	1/4	1,347.52	1/4	959.02	1/4	580.64	1/4	194.71	1/4		1/4		1/4	
1/2	2,502.15	1/2	2,113.69	1/2	1,726.61	1/2	1,339.43	1/2	950.92	1/2	572.81	1/2	186.62	1/2		1/2		1/2	
3/4	2,494.07	3/4	2,105.60	3/4	1,718.58	3/4	1,331.34	3/4	942.83	3/4	564.98	3/4	178.53	3/4		3/4		3/4	
1	2,485.99	1	2,097.51	1	1,710.54	1	1,323.24	1	934.74	1	557.15	1	170.43	1		1		1	
1/4	2,477.90	1/4	2,089.41	1/4	1,702.50	1/4	1,315.15	1/4	926.64	1/4	549.31	1/4	162.34	1/4		1/4		1/4	
1/2	2,469.81	1/2	2,081.32	1/2	1,694.47	1/2	1,307.05	1/2	918.55	1/2	541.47	1/2	154.25	1/2		1/2		1/2	
3/4	2,461.73	3/4	2,073.22	3/4	1,686.43	3/4	1,298.96	3/4	910.45	3/4	533.63	3/4	146.15	3/4		3/4		3/4	
2	2,453.64	2	2,065.13	2	1,678.40	2	1,290.87	2	902.36	2	525.79	2	138.06	2		2		2	
1/4	2,445.54	1/4	2,057.04	1/4	1,670.36	1/4	1,282.77	1/4	894.36	1/4	517.86	1/4	129.96	1/4		1/4		1/4	
1/2	2,437.45	1/2	2,048.94	1/2	1,662.32	1/2	1,274.68	1/2	886.36	1/2	509.92	1/2	121.87	1/2		1/2		1/2	
3/4	2,429.36	3/4	2,040.85	3/4	1,654.29	3/4	1,266.59	3/4	878.36	3/4	501.99	3/4	113.78	3/4		3/4		3/4	
3	2,421.26	3	2,032.75	3	1,646.25	3	1,258.49	3	870.36	3	494.05	3	105.68	3		3		3	
1/4	2,413.17	1/4	2,024.66	1/4	1,638.21	1/4	1,250.40	1/4	862.50	1/4	485.99	1/4	97.59	1/4		1/4		1/4	
1/2	2,405.07	1/2	2,016.57	1/2	1,630.18	1/2	1,242.30	1/2	854.63	1/2	477.93	1/2	89.50	1/2		1/2		1/2	
3/4	2,396.98	3/4	2,008.47	3/4	1,622.14	3/4	1,234.21	3/4	846.76	3/4	469.86	3/4	81.40	3/4		3/4		3/4	
4	2,388.89	4	2,000.38	4	1,614.10	4	1,226.12	4	838.90	4	461.80	4	73.31	4		4		4	
1/4	2,380.79	1/4	1,992.28	1/4	1,606.07	1/4	1,218.02	1/4	831.07	1/4	453.71	1/4	65.97	1/4		1/4		1/4	
1/2	2,372.70	1/2	1,984.19	1/2	1,598.03	1/2	1,209.93	1/2	823.24	1/2	445.61	1/2	58.64	1/2		1/2		1/2	
3/4	2,364.60	3/4	1,976.10	3/4	1,589.99	3/4	1,201.83	3/4	815.41	3/4	437.52	3/4	51.30	3/4		3/4		3/4	
5	2,356.51	5	1,968.00	5	1,581.96	5	1,193.74	5	807.59	5	429.43	5	43.97	5		5		5	
1/4	2,348.42	1/4	1,959.91	1/4	1,573.92	1/4	1,185.65	1/4	799.76	1/4	421.33	1/4	38.40	1/4		1/4		1/4	
1/2	2,340.32	1/2	1,951.81	1/2	1,565.88	1/2	1,177.55	1/2	791.94	1/2	413.24	1/2	32.83	1/2		1/2		1/2	
3/4	2,332.23	3/4	1,943.72	3/4	1,557.85	3/4	1,169.46	3/4	784.11	3/4	405.15	3/4	27.26	3/4		3/4		3/4	
6	2,324.13	6	1,935.63	6	1,549.81	6	1,161.36	6	776.28	6	397.05	6	21.69	6		6		6	
1/4	2,316.04	1/4	1,927.58	1/4	1,541.73	1/4	1,153.27	1/4	768.46	1/4	388.96	1/4		1/4		1/4		1/4	
1/2	2,307.95	1/2	1,919.52	1/2	1,533.65	1/2	1,145.18	1/2	760.63	1/2	380.87	1/2		1/2		1/2		1/2	
3/4	2,299.85	3/4	1,911.47	3/4	1,525.57	3/4	1,137.08	3/4	752.81	3/4	372.77	3/4		3/4		3/4		3/4	
7	2,291.76	7	1,903.42	7	1,517.50	7	1,128.99	7	744.98	7	364.68	7		7		7		7	
1/4	2,283.66	1/4	1,895.38	1/4	1,509.40	1/4	1,120.89	1/4	737.15	1/4	356.59	1/4		1/4		1/4		1/4	
1/2	2,275.57	1/2	1,887.35	1/2	1,501.31	1/2	1,112.80	1/2	729.33	1/2	348.49	1/2		1/2		1/2		1/2	
3/4	2,267.48	3/4	1,879.31	3/4	1,493.21	3/4	1,104.71	3/4	721.50	3/4	340.40	3/4		3/4		3/4		3/4	
8	2,259.38	8	1,871.27	8	1,485.12	8	1,096.61	8	713.68	8	332.30	8		8		8		8	
1/4	2,251.29	1/4	1,863.24	1/4	1,477.03	1/4	1,088.52	1/4	705.85	1/4	324.21	1/4		1/4		1/4		1/4	
1/2	2,243.20	1/2	1,855.20	1/2	1,468.93	1/2	1,080.43	1/2	698.03	1/2	316.12	1/2		1/2		1/2		1/2	
3/4	2,235.10	3/4	1,847.16	3/4	1,460.84	3/4	1,072.33	3/4	690.20	3/4	308.02	3/4		3/4		3/4		3/4	
9	2,227.01	9	1,839.13	9	1,452.74	9	1,064.24	9	682.38	9	299.93	9		9		9		9	
1/4	2,218.91	1/4	1,831.09	1/4	1,444.65	1/4	1,056.14	1/4	674.55	1/4	291.84	1/4		1/4		1/4		1/4	
1/2	2,210.82	1/2	1,823.05	1/2	1,436.56	1/2	1,048.05	1/2	666.73	1/2	283.74	1/2		1/2		1/2		1/2	
3/4	2,202.73	3/4	1,815.02	3/4	1,428.46	3/4	1,039.96	3/4	658.90	3/4	275.65	3/4		3/4		3/4		3/4	
10	2,194.63	10	1,806.98	10	1,420.37	10	1,031.86	10	651.08	10	267.56	10		10		10		10	
1/4	2,186.54	1/4	1,798.94	1/4	1,412.28	1/4	1,023.77	1/4	643.25	1/4	259.46	1/4		1/4		1/4		1/4	
1/2	2,178.44	1/2	1,790.91	1/2	1,404.18	1/2	1,015.67	1/2	635.43	1/2	251.37	1/2		1/2		1/2		1/2	
3/4	2,170.35	3/4	1,782.87	3/4	1,396.09	3/4	1,007.58	3/4	627.60	3/4	243.27	3/4		3/4		3/4		3/4	
11	2,162.26	11	1,774.83	11	1,387.99	11	999.49	11	619.78	11	235.18	11		11		11		11	
1/4	2,154.16	1/4	1,766.80	1/4	1,379.90	1/4	991.39	1/4	611.95	1/4	227.09	1/4		1/4		1/4		1/4	
1/2	2,146.07	1/2	1,758.76	1/2	1,371.81	1/2	983.30	1/2	604.12	1/2	218.99	1/2		1/2		1/2		1/2	
3/4	2,137.97	3/4	1,750.72	3/4	1,363.71	3/4	975.20	3/4	596.30	3/4	210.90	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2022

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

BARGE "KIRBY 31006B"

PORT SLOP

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 5'- 01 1/2

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,061	0	2,095	0	3,080	0	4,016	0		0		0		0		0	
1/4	22	1/4	1,083	1/4	2,116	1/4	3,100	1/4	4,035	1/4		1/4		1/4		1/4		1/4	
1/2	44	1/2	1,105	1/2	2,137	1/2	3,120	1/2	4,054	1/2		1/2		1/2		1/2		1/2	
3/4	66	3/4	1,127	3/4	2,158	3/4	3,140	3/4	4,073	3/4		3/4		3/4		3/4		3/4	
1	88	1	1,149	1	2,179	1	3,160	1	4,092	1		1		1		1		1	
1/4	111	1/4	1,171	1/4	2,200	1/4	3,180	1/4	4,111	1/4		1/4		1/4		1/4		1/4	
1/2	133	1/2	1,193	1/2	2,221	1/2	3,200	1/2	4,129	1/2		1/2		1/2		1/2		1/2	
3/4	155	3/4	1,215	3/4	2,242	3/4	3,220	3/4	4,148	3/4		3/4		3/4		3/4		3/4	
2	177	2	1,237	2	2,263	2	3,240	2	4,167	2		2		2		2		2	
1/4	199	1/4	1,259	1/4	2,284	1/4	3,260	1/4	4,186	1/4		1/4		1/4		1/4		1/4	
1/2	221	1/2	1,281	1/2	2,305	1/2	3,279	1/2	4,205	1/2		1/2		1/2		1/2		1/2	
3/4	243	3/4	1,302	3/4	2,325	3/4	3,299	3/4	4,223	3/4		3/4		3/4		3/4		3/4	
3	265	3	1,324	3	2,346	3	3,319	3	4,242	3		3		3		3		3	
1/4	287	1/4	1,346	1/4	2,367	1/4	3,339	1/4	4,261	1/4		1/4		1/4		1/4		1/4	
1/2	309	1/2	1,368	1/2	2,388	1/2	3,358	1/2	4,279	1/2		1/2		1/2		1/2		1/2	
3/4	332	3/4	1,390	3/4	2,408	3/4	3,378	3/4	4,298	3/4		3/4		3/4		3/4		3/4	
4	354	4	1,411	4	2,429	4	3,398	4	4,317	4		4		4		4		4	
1/4	376	1/4	1,433	1/4	2,450	1/4	3,417	1/4	4,335	1/4		1/4		1/4		1/4		1/4	
1/2	398	1/2	1,455	1/2	2,471	1/2	3,437	1/2	4,354	1/2		1/2		1/2		1/2		1/2	
3/4	420	3/4	1,476	3/4	2,491	3/4	3,457	3/4	4,373	3/4		3/4		3/4		3/4		3/4	
5	442	5	1,498	5	2,512	5	3,476	5	4,391	5		5		5		5		5	
1/4	464	1/4	1,520	1/4	2,532	1/4	3,496	1/4	4,410	1/4		1/4		1/4		1/4		1/4	
1/2	486	1/2	1,541	1/2	2,553	1/2	3,515	1/2	4,428	1/2		1/2		1/2		1/2		1/2	
3/4	508	3/4	1,563	3/4	2,574	3/4	3,535	3/4		3/4		3/4		3/4		3/4		3/4	
6	531	6	1,584	6	2,594	6	3,554	6		6		6		6		6		6	
1/4	553	1/4	1,606	1/4	2,615	1/4	3,574	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	575	1/2	1,627	1/2	2,635	1/2	3,593	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	597	3/4	1,649	3/4	2,655	3/4	3,613	3/4		3/4		3/4		3/4		3/4		3/4	
7	619	7	1,670	7	2,676	7	3,632	7		7		7		7		7		7	
1/4	641	1/4	1,692	1/4	2,696	1/4	3,651	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	663	1/2	1,713	1/2	2,717	1/2	3,671	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	685	3/4	1,735	3/4	2,737	3/4	3,690	3/4		3/4		3/4		3/4		3/4		3/4	
8	707	8	1,756	8	2,758	8	3,710	8		8		8		8		8		8	
1/4	730	1/4	1,777	1/4	2,778	1/4	3,729	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	752	1/2	1,799	1/2	2,798	1/2	3,748	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	774	3/4	1,820	3/4	2,818	3/4	3,767	3/4		3/4		3/4		3/4		3/4		3/4	
9	796	9	1,841	9	2,839	9	3,787	9		9		9		9		9		9	
1/4	818	1/4	1,863	1/4	2,859	1/4	3,806	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	840	1/2	1,884	1/2	2,879	1/2	3,825	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	862	3/4	1,905	3/4	2,899	3/4	3,844	3/4		3/4		3/4		3/4		3/4		3/4	
10	884	10	1,926	10	2,920	10	3,863	10		10		10		10		10		10	
1/4	906	1/4	1,948	1/4	2,940	1/4	3,883	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	928	1/2	1,969	1/2	2,960	1/2	3,902	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	951	3/4	1,990	3/4	2,980	3/4	3,921	3/4		3/4		3/4		3/4		3/4		3/4	
11	973	11	2,011	11	3,000	11	3,940	11		11		11		11		11		11	
1/4	995	1/4	2,032	1/4	3,020	1/4	3,959	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,017	1/2	2,053	1/2	3,040	1/2	3,978	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,039	3/4	2,074	3/4	3,060	3/4	3,997	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2022

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

BARGE "KIRBY 31006B"

STBD SLOP

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 5'- 01 1/2

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,061	0	2,095	0	3,080	0	4,016	0		0		0		0		0	
1/4	22	1/4	1,083	1/4	2,116	1/4	3,100	1/4	4,035	1/4		1/4		1/4		1/4		1/4	
1/2	44	1/2	1,105	1/2	2,137	1/2	3,120	1/2	4,054	1/2		1/2		1/2		1/2		1/2	
3/4	66	3/4	1,127	3/4	2,158	3/4	3,140	3/4	4,073	3/4		3/4		3/4		3/4		3/4	
1	88	1	1,149	1	2,179	1	3,160	1	4,092	1		1		1		1		1	
1/4	111	1/4	1,171	1/4	2,200	1/4	3,180	1/4	4,111	1/4		1/4		1/4		1/4		1/4	
1/2	133	1/2	1,193	1/2	2,221	1/2	3,200	1/2	4,129	1/2		1/2		1/2		1/2		1/2	
3/4	155	3/4	1,215	3/4	2,242	3/4	3,220	3/4	4,148	3/4		3/4		3/4		3/4		3/4	
2	177	2	1,237	2	2,263	2	3,240	2	4,167	2		2		2		2		2	
1/4	199	1/4	1,259	1/4	2,284	1/4	3,260	1/4	4,186	1/4		1/4		1/4		1/4		1/4	
1/2	221	1/2	1,281	1/2	2,305	1/2	3,279	1/2	4,205	1/2		1/2		1/2		1/2		1/2	
3/4	243	3/4	1,302	3/4	2,325	3/4	3,299	3/4	4,223	3/4		3/4		3/4		3/4		3/4	
3	265	3	1,324	3	2,346	3	3,319	3	4,242	3		3		3		3		3	
1/4	287	1/4	1,346	1/4	2,367	1/4	3,339	1/4	4,261	1/4		1/4		1/4		1/4		1/4	
1/2	309	1/2	1,368	1/2	2,388	1/2	3,358	1/2	4,279	1/2		1/2		1/2		1/2		1/2	
3/4	332	3/4	1,390	3/4	2,408	3/4	3,378	3/4	4,298	3/4		3/4		3/4		3/4		3/4	
4	354	4	1,411	4	2,429	4	3,398	4	4,317	4		4		4		4		4	
1/4	376	1/4	1,433	1/4	2,450	1/4	3,417	1/4	4,335	1/4		1/4		1/4		1/4		1/4	
1/2	398	1/2	1,455	1/2	2,471	1/2	3,437	1/2	4,354	1/2		1/2		1/2		1/2		1/2	
3/4	420	3/4	1,476	3/4	2,491	3/4	3,457	3/4	4,373	3/4		3/4		3/4		3/4		3/4	
5	442	5	1,498	5	2,512	5	3,476	5	4,391	5		5		5		5		5	
1/4	464	1/4	1,520	1/4	2,532	1/4	3,496	1/4	4,410	1/4		1/4		1/4		1/4		1/4	
1/2	486	1/2	1,541	1/2	2,553	1/2	3,515	1/2	4,428	1/2		1/2		1/2		1/2		1/2	
3/4	508	3/4	1,563	3/4	2,574	3/4	3,535	3/4		3/4		3/4		3/4		3/4		3/4	
6	531	6	1,584	6	2,594	6	3,554	6		6		6		6		6		6	
1/4	553	1/4	1,606	1/4	2,615	1/4	3,574	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	575	1/2	1,627	1/2	2,635	1/2	3,593	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	597	3/4	1,649	3/4	2,655	3/4	3,613	3/4		3/4		3/4		3/4		3/4		3/4	
7	619	7	1,670	7	2,676	7	3,632	7		7		7		7		7		7	
1/4	641	1/4	1,692	1/4	2,696	1/4	3,651	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	663	1/2	1,713	1/2	2,717	1/2	3,671	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	685	3/4	1,735	3/4	2,737	3/4	3,690	3/4		3/4		3/4		3/4		3/4		3/4	
8	707	8	1,756	8	2,758	8	3,710	8		8		8		8		8		8	
1/4	730	1/4	1,777	1/4	2,778	1/4	3,729	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	752	1/2	1,799	1/2	2,798	1/2	3,748	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	774	3/4	1,820	3/4	2,818	3/4	3,767	3/4		3/4		3/4		3/4		3/4		3/4	
9	796	9	1,841	9	2,839	9	3,787	9		9		9		9		9		9	
1/4	818	1/4	1,863	1/4	2,859	1/4	3,806	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	840	1/2	1,884	1/2	2,879	1/2	3,825	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	862	3/4	1,905	3/4	2,899	3/4	3,844	3/4		3/4		3/4		3/4		3/4		3/4	
10	884	10	1,926	10	2,920	10	3,863	10		10		10		10		10		10	
1/4	906	1/4	1,948	1/4	2,940	1/4	3,883	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	928	1/2	1,969	1/2	2,960	1/2	3,902	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	951	3/4	1,990	3/4	2,980	3/4	3,921	3/4		3/4		3/4		3/4		3/4		3/4	
11	973	11	2,011	11	3,000	11	3,940	11		11		11		11		11		11	
1/4	995	1/4	2,032	1/4	3,020	1/4	3,959	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,017	1/2	2,053	1/2	3,040	1/2	3,978	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,039	3/4	2,074	3/4	3,060	3/4	3,997	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.

STRAPPED: 12/08/2022 PMA
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CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2022

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

BARGE "KIRBY 31006B"

CENTER FUEL

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 5'- 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	192	0	384	0	576	0	768	0		0		0		0		0	
1/4	4	1/4	196	1/4	388	1/4	580	1/4	772	1/4		1/4		1/4		1/4		1/4	
1/2	8	1/2	200	1/2	392	1/2	584	1/2	776	1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	204	3/4	396	3/4	588	3/4	780	3/4		3/4		3/4		3/4		3/4	
1	16	1	208	1	400	1	592	1	784	1		1		1		1		1	
1/4	20	1/4	212	1/4	404	1/4	596	1/4	788	1/4		1/4		1/4		1/4		1/4	
1/2	24	1/2	216	1/2	408	1/2	600	1/2	792	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	220	3/4	412	3/4	604	3/4	796	3/4		3/4		3/4		3/4		3/4	
2	32	2	224	2	416	2	608	2	800	2		2		2		2		2	
1/4	36	1/4	228	1/4	420	1/4	612	1/4	804	1/4		1/4		1/4		1/4		1/4	
1/2	40	1/2	232	1/2	424	1/2	616	1/2	808	1/2		1/2		1/2		1/2		1/2	
3/4	44	3/4	236	3/4	428	3/4	620	3/4	812	3/4		3/4		3/4		3/4		3/4	
3	48	3	240	3	432	3	624	3	816	3		3		3		3		3	
1/4	52	1/4	244	1/4	436	1/4	628	1/4	820	1/4		1/4		1/4		1/4		1/4	
1/2	56	1/2	248	1/2	440	1/2	632	1/2	824	1/2		1/2		1/2		1/2		1/2	
3/4	60	3/4	252	3/4	444	3/4	636	3/4	828	3/4		3/4		3/4		3/4		3/4	
4	64	4	256	4	448	4	640	4	832	4		4		4		4		4	
1/4	68	1/4	260	1/4	452	1/4	644	1/4	836	1/4		1/4		1/4		1/4		1/4	
1/2	72	1/2	264	1/2	456	1/2	648	1/2	840	1/2		1/2		1/2		1/2		1/2	
3/4	76	3/4	268	3/4	460	3/4	652	3/4	844	3/4		3/4		3/4		3/4		3/4	
5	80	5	272	5	464	5	656	5	848	5		5		5		5		5	
1/4	84	1/4	276	1/4	468	1/4	660	1/4	852	1/4		1/4		1/4		1/4		1/4	
1/2	88	1/2	280	1/2	472	1/2	664	1/2	856	1/2		1/2		1/2		1/2		1/2	
3/4	92	3/4	284	3/4	476	3/4	668	3/4		3/4		3/4		3/4		3/4		3/4	
6	96	6	288	6	480	6	672	6		6		6		6		6		6	
1/4	100	1/4	292	1/4	484	1/4	676	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	104	1/2	296	1/2	488	1/2	680	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	108	3/4	300	3/4	492	3/4	684	3/4		3/4		3/4		3/4		3/4		3/4	
7	112	7	304	7	496	7	688	7		7		7		7		7		7	
1/4	116	1/4	308	1/4	500	1/4	692	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120	1/2	312	1/2	504	1/2	696	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124	3/4	316	3/4	508	3/4	700	3/4		3/4		3/4		3/4		3/4		3/4	
8	128	8	320	8	512	8	704	8		8		8		8		8		8	
1/4	132	1/4	324	1/4	516	1/4	708	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	136	1/2	328	1/2	520	1/2	712	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	140	3/4	332	3/4	524	3/4	716	3/4		3/4		3/4		3/4		3/4		3/4	
9	144	9	336	9	528	9	720	9		9		9		9		9		9	
1/4	148	1/4	340	1/4	532	1/4	724	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152	1/2	344	1/2	536	1/2	728	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156	3/4	348	3/4	540	3/4	732	3/4		3/4		3/4		3/4		3/4		3/4	
10	160	10	352	10	544	10	736	10		10		10		10		10		10	
1/4	164	1/4	356	1/4	548	1/4	740	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	168	1/2	360	1/2	552	1/2	744	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	172	3/4	364	3/4	556	3/4	748	3/4		3/4		3/4		3/4		3/4		3/4	
11	176	11	368	11	560	11	752	11		11		11		11		11		11	
1/4	180	1/4	372	1/4	564	1/4	756	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	184	1/2	376	1/2	568	1/2	760	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	188	3/4	380	3/4	572	3/4	764	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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.

STRAPPED: 12/05/2022 PMA
RECALCULATED: 12/08/2022 PMA
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CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2022

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