



BARGE "KIRBY 29040"

ULLAGE TRIM TABLE
FORMERLY "CTCO 336"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 238'-06"

June 6, 2019

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29040"

1 PORT
ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 336"

GAUGE HEIGHT 16' 9-3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1		1		1		1		1		1		1		1		1		1	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2		2		2		2		2		2		2		2		2		2	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3		3		3		3		3		3		3		3		3		3	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4		4		4		4		4		4		4		4		4		4	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5		5		5		5		5		5		5		5		5		5	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6		6		6		6		6		6		6		6		6		6	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7		7		7		7		7		7		7		7		7		7	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8		8		8		8		8		8		8		8		8		8	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9		9		9		9		9		9		9		9		9		9	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10		10		10		10		10		10		10		10		10		10	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11		11		11		11		11		11		11		11		11		11	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC CLOSED GAUGING DEVICE

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29040"

2 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 16' 10"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 336"

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	2,366.44	0	2,022.19	0	1,677.93	0	1,333.68	0	989.54	0	645.63	0	301.38	0		0			
1/4	2,359.27	1/4	2,015.02	1/4	1,670.76	1/4	1,326.50	1/4	982.38	1/4	638.45	1/4	294.21	1/4	1/4				1/4
1/2	2,352.10	1/2	2,007.84	1/2	1,663.59	1/2	1,319.33	1/2	975.22	1/2	631.28	1/2	287.04	1/2	1/2				1/2
3/4	2,344.93	3/4	2,000.67	3/4	1,656.42	3/4	1,312.16	3/4	968.07	3/4	624.11	3/4	279.87	3/4	3/4				3/4
1	2,337.76	1	1,993.50	1	1,649.24	1	1,304.99	1	960.91	1	616.94	1	272.70	1	1				1
1/4	2,330.58	1/4	1,986.33	1/4	1,642.07	1/4	1,297.82	1/4	953.75	1/4	609.77	1/4	265.53	1/4	1/4				1/4
1/2	2,323.41	1/2	1,979.16	1/2	1,634.90	1/2	1,290.64	1/2	946.59	1/2	602.60	1/2	258.35	1/2	1/2				1/2
3/4	2,316.24	3/4	1,971.98	3/4	1,627.73	3/4	1,283.47	3/4	939.43	3/4	595.42	3/4	251.18	3/4	3/4				3/4
2	2,309.07	2	1,964.81	2	1,620.56	2	1,276.30	2	932.27	2	588.25	2	244.01	2	2				2
1/4	2,301.90	1/4	1,957.64	1/4	1,613.38	1/4	1,269.13	1/4	925.11	1/4	581.08	1/4	236.84	1/4	1/4				1/4
1/2	2,294.72	1/2	1,950.47	1/2	1,606.21	1/2	1,261.96	1/2	917.95	1/2	573.91	1/2	229.67	1/2	1/2				1/2
3/4	2,287.55	3/4	1,943.30	3/4	1,599.04	3/4	1,254.78	3/4	910.79	3/4	566.74	3/4	222.50	3/4	3/4				3/4
3	2,280.38	3	1,936.12	3	1,591.87	3	1,247.61	3	903.63	3	559.57	3	215.32	3	3				3
1/4	2,273.21	1/4	1,928.95	1/4	1,584.70	1/4	1,240.44	1/4	896.48	1/4	552.39	1/4	208.15	1/4	1/4				1/4
1/2	2,266.04	1/2	1,921.78	1/2	1,577.52	1/2	1,233.27	1/2	889.32	1/2	545.22	1/2	200.98	1/2	1/2				1/2
3/4	2,258.86	3/4	1,914.61	3/4	1,570.35	3/4	1,226.10	3/4	882.16	3/4	538.05	3/4	193.81	3/4	3/4				3/4
4	2,251.69	4	1,907.44	4	1,563.18	4	1,218.92	4	875.00	4	530.88	4	186.64	4	4				4
1/4	2,244.52	1/4	1,900.26	1/4	1,556.01	1/4	1,211.75	1/4	867.84	1/4	523.71	1/4	179.47	1/4	1/4				1/4
1/2	2,237.35	1/2	1,893.09	1/2	1,548.84	1/2	1,204.58	1/2	860.68	1/2	516.54	1/2	172.29	1/2	1/2				1/2
3/4	2,230.18	3/4	1,885.92	3/4	1,541.66	3/4	1,197.41	3/4	853.52	3/4	509.36	3/4	165.12	3/4	3/4				3/4
5	2,223.00	5	1,878.75	5	1,534.49	5	1,190.24	5	846.36	5	502.19	5	157.95	5	5				5
1/4	2,215.83	1/4	1,871.58	1/4	1,527.32	1/4	1,183.06	1/4	839.20	1/4	495.02	1/4	150.78	1/4	1/4				1/4
1/2	2,208.66	1/2	1,864.40	1/2	1,520.15	1/2	1,175.89	1/2	832.04	1/2	487.85	1/2	143.61	1/2	1/2				1/2
3/4	2,201.49	3/4	1,857.23	3/4	1,512.98	3/4	1,168.72	3/4	824.89	3/4	480.68	3/4	136.44	3/4	3/4				3/4
6	2,194.32	6	1,850.06	6	1,505.80	6	1,161.55	6	817.73	6	473.51	6	129.27	6	6				6
1/4	2,187.14	1/4	1,842.89	1/4	1,498.63	1/4	1,154.38	1/4	810.56	1/4	466.33	1/4	122.10	1/4	1/4				1/4
1/2	2,179.97	1/2	1,835.72	1/2	1,491.46	1/2	1,147.20	1/2	803.39	1/2	459.16	1/2	114.93	1/2	1/2				1/2
3/4	2,172.80	3/4	1,828.54	3/4	1,484.29	3/4	1,140.03	3/4	796.23	3/4	451.99	3/4	107.77	3/4	3/4				3/4
7	2,165.63	7	1,821.37	7	1,477.12	7	1,132.86	7	789.06	7	444.82	7	100.60	7	7				7
1/4	2,158.46	1/4	1,814.20	1/4	1,469.94	1/4	1,125.69	1/4	781.89	1/4	437.65	1/4	93.45	1/4	1/4				1/4
1/2	2,151.28	1/2	1,807.03	1/2	1,462.77	1/2	1,118.52	1/2	774.72	1/2	430.48	1/2	86.30	1/2	1/2				1/2
3/4	2,144.11	3/4	1,799.86	3/4	1,455.60	3/4	1,111.34	3/4	767.55	3/4	423.30	3/4	79.15	3/4	3/4				3/4
8	2,136.94	8	1,792.68	8	1,448.43	8	1,104.17	8	760.37	8	416.13	8	72.01	8	8				8
1/4	2,129.77	1/4	1,785.51	1/4	1,441.26	1/4	1,097.00	1/4	753.20	1/4	408.96	1/4	65.30	1/4	1/4				1/4
1/2	2,122.60	1/2	1,778.34	1/2	1,434.08	1/2	1,089.83	1/2	746.03	1/2	401.79	1/2	58.59	1/2	1/2				1/2
3/4	2,115.42	3/4	1,771.17	3/4	1,426.91	3/4	1,082.66	3/4	738.86	3/4	394.62	3/4	51.89	3/4	3/4				3/4
9	2,108.25	9	1,764.00	9	1,419.74	9	1,075.50	9	731.69	9	387.45	9	45.18	9	9				9
1/4	2,101.08	1/4	1,756.82	1/4	1,412.57	1/4	1,068.33	1/4	724.51	1/4	380.27	1/4	39.81	1/4	1/4				1/4
1/2	2,093.91	1/2	1,749.65	1/2	1,405.40	1/2	1,061.16	1/2	717.34	1/2	373.10	1/2	34.43	1/2	1/2				1/2
3/4	2,086.74	3/4	1,742.48	3/4	1,398.22	3/4	1,054.00	3/4	710.17	3/4	365.93	3/4	29.05	3/4	3/4				3/4
10	2,079.56	10	1,735.31	10	1,391.05	10	1,046.83	10	703.00	10	358.76	10	23.67	10	10				10
1/4	2,072.39	1/4	1,728.14	1/4	1,383.88	1/4	1,039.67	1/4	695.83	1/4	351.59	1/4		1/4	1/4				1/4
1/2	2,065.22	1/2	1,720.96	1/2	1,376.71	1/2	1,032.50	1/2	688.66	1/2	344.41	1/2		1/2	1/2				1/2
3/4	2,058.05	3/4	1,713.79	3/4	1,369.54	3/4	1,025.34	3/4	681.48	3/4	337.24	3/4		3/4	3/4				3/4
11	2,050.88	11	1,706.62	11	1,362.36	11	1,018.18	11	674.31	11	330.07	11		11	11				11
1/4	2,043.70	1/4	1,699.45	1/4	1,355.19	1/4	1,011.02	1/4	667.14	1/4	322.90	1/4		1/4	1/4				1/4
1/2	2,036.53	1/2	1,692.28	1/2	1,348.02	1/2	1,003.86	1/2	659.97	1/2	315.73	1/2		1/2	1/2				1/2
3/4	2,029.36	3/4	1,685.10	3/4	1,340.85	3/4	996.70	3/4	652.80	3/4	308.56	3/4		3/4	3/4				3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/19/2014 SW
RECALCULATED: 04/23/2019 CL
NAME CHANGE: 06/06/2019

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2019

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



BARGE "KIRBY 29040"

3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 336"

GAUGE HEIGHT 16' 9-1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
							4,550.54		4,324.96		4,085.15		3,834.30		3,559.52		3,197.04		2,833.84
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,545.67	1/4	4,320.11	1/4	4,080.00	1/4	3,829.05	1/4	3,551.97	1/4	3,189.47	1/4	2,826.27
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,540.79	1/2	4,315.27	1/2	4,074.86	1/2	3,823.81	1/2	3,544.42	1/2	3,181.91	1/2	2,818.71
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,536.24	3/4	4,310.39	3/4	4,069.68	3/4	3,818.57	3/4	3,536.87	3/4	3,174.34	3/4	2,811.14
1	1	1	1	1	1	1	4,531.68	1	4,305.52	1	4,064.51	1	3,813.33	1	3,529.33	1	3,166.78	1	2,803.57
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,527.12	1/4	4,300.65	1/4	4,059.33	1/4	3,808.09	1/4	3,521.78	1/4	3,159.21	1/4	2,796.00
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,522.56	1/2	4,295.78	1/2	4,054.16	1/2	3,802.85	1/2	3,514.24	1/2	3,151.64	1/2	2,788.43
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,517.98	3/4	4,290.89	3/4	4,048.96	3/4	3,797.61	3/4	3,506.70	3/4	3,144.08	3/4	2,780.87
2	2	2	2	2	2	2	4,513.41	2	4,285.99	2	4,043.76	2	3,792.36	2	3,499.15	2	3,136.51	2	2,773.30
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,508.83	1/4	4,281.10	1/4	4,038.56	1/4	3,787.12	1/4	3,491.61	1/4	3,128.95	1/4	2,765.73
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,504.25	1/2	4,276.20	1/2	4,033.36	1/2	3,781.88	1/2	3,484.06	1/2	3,121.38	1/2	2,758.16
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,499.64	3/4	4,271.28	3/4	4,028.14	3/4	3,776.64	3/4	3,476.52	3/4	3,113.82	3/4	2,750.59
3	3	3	3	3	3	3	4,495.04	3	4,266.37	3	4,022.92	3	3,771.40	3	3,468.97	3	3,106.25	3	2,743.03
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,490.43	1/4	4,261.45	1/4	4,017.70	1/4	3,766.16	1/4	3,461.43	1/4	3,098.69	1/4	2,735.46
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,485.83	1/2	4,256.53	1/2	4,012.48	1/2	3,760.92	1/2	3,453.88	1/2	3,091.12	1/2	2,727.89
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,481.20	3/4	4,251.59	3/4	4,007.24	3/4	3,755.68	3/4	3,446.34	3/4	3,083.56	3/4	2,720.32
4	4	4	4	4	4	4	4,476.57	4	4,246.65	4	4,002.01	4	3,750.43	4	3,438.79	4	3,075.99	4	2,712.75
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,471.94	1/4	4,241.71	1/4	3,996.77	1/4	3,745.19	1/4	3,431.25	1/4	3,068.43	1/4	2,705.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,467.31	1/2	4,236.77	1/2	3,991.53	1/2	3,739.95	1/2	3,423.70	1/2	3,060.86	1/2	2,697.62
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,462.66	3/4	4,231.81	3/4	3,986.29	3/4	3,734.71	3/4	3,416.16	3/4	3,053.30	3/4	2,690.05
5	5	5	5	5	5	5	4,458.00	5	4,226.84	5	3,981.05	5	3,729.47	5	3,408.62	5	3,045.73	5	2,682.48
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,453.35	1/4	4,221.88	1/4	3,975.81	1/4	3,724.23	1/4	3,401.07	1/4	3,038.17	1/4	2,674.92
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,448.70	1/2	4,216.91	1/2	3,970.57	1/2	3,718.99	1/2	3,393.53	1/2	3,030.60	1/2	2,667.35
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,444.02	3/4	4,211.92	3/4	3,965.33	3/4	3,713.75	3/4	3,385.98	3/4	3,023.03	3/4	2,659.78
6	6	6	6	6	6	6	4,439.34	6	4,206.93	6	3,960.09	6	3,708.50	6	3,378.44	6	3,015.47	6	2,652.20
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,434.67	1/4	4,201.94	1/4	3,954.85	1/4	3,703.26	1/4	3,370.89	1/4	3,007.90	1/4	2,644.63
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,429.99	1/2	4,196.95	1/2	3,949.60	1/2	3,698.02	1/2	3,363.35	1/2	3,000.34	1/2	2,637.06
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,425.29	3/4	4,191.93	3/4	3,944.36	3/4	3,692.78	3/4	3,355.80	3/4	2,992.77	3/4	2,629.49
7	7	7	4,649.37	7	4,420.59	7	4,186.91	7	3,939.12	7	3,687.54	7	3,348.26	7	2,985.20	7	2,621.91		
1/4	1/4	1/4	4,645.69	1/4	4,415.89	1/4	4,181.88	1/4	3,933.88	1/4	3,682.30	1/4	3,340.71	1/4	2,977.63	1/4	2,614.34		
1/2	1/2	1/2	4,642.00	1/2	4,411.19	1/2	4,176.86	1/2	3,928.64	1/2	3,677.06	1/2	3,333.17	1/2	2,970.06	1/2	2,606.76		
3/4	3/4	3/4	4,637.18	3/4	4,406.46	3/4	4,171.81	3/4	3,923.40	3/4	3,671.82	3/4	3,325.61	3/4	2,962.50	3/4	2,599.19		
8	8	8	4,632.36	8	4,401.72	8	4,166.75	8	3,918.16	8	3,666.57	8	3,318.06	8	2,954.93	8	2,591.61		
1/4	1/4	1/4	4,627.54	1/4	4,396.98	1/4	4,161.70	1/4	3,912.91	1/4	3,661.33	1/4	3,310.50	1/4	2,947.36	1/4	2,584.04		
1/2	1/2	1/2	4,622.72	1/2	4,392.25	1/2	4,156.65	1/2	3,907.67	1/2	3,656.09	1/2	3,302.95	1/2	2,939.79	1/2	2,576.46		
3/4	3/4	3/4	4,617.51	3/4	4,387.47	3/4	4,151.57	3/4	3,902.43	3/4	3,650.26	3/4	3,295.38	3/4	2,932.22	3/4	2,568.88		
9	9	9	4,612.31	9	4,382.70	9	4,146.49	9	3,897.19	9	3,644.44	9	3,287.82	9	2,924.66	9	2,561.31		
1/4	1/4	1/4	4,607.11	1/4	4,377.93	1/4	4,141.42	1/4	3,891.95	1/4	3,638.61	1/4	3,280.25	1/4	2,917.09	1/4	2,553.73		
1/2	1/2	1/2	4,601.91	1/2	4,373.16	1/2	4,136.34	1/2	3,886.71	1/2	3,632.78	1/2	3,272.69	1/2	2,909.52	1/2	2,546.16		
3/4	3/4	3/4	4,596.71	3/4	4,368.36	3/4	4,131.24	3/4	3,881.47	3/4	3,625.80	3/4	3,265.12	3/4	2,901.95	3/4	2,538.60		
10	10	10	4,591.50	10	4,363.56	10	4,126.14	10	3,876.23	10	3,618.81	10	3,257.56	10	2,894.38	10	2,531.05		
1/4	1/4	1/4	4,586.30	1/4	4,358.76	1/4	4,121.04	1/4	3,870.98	1/4	3,611.83	1/4	3,249.99	1/4	2,886.82	1/4	2,523.49		
1/2	1/2	1/2	4,581.10	1/2	4,353.96	1/2	4,115.94	1/2	3,865.74	1/2	3,604.84	1/2	3,242.43	1/2	2,879.25	1/2	2,515.94		
3/4	3/4	3/4	4,575.90	3/4	4,349.13	3/4	4,110.82	3/4	3,860.50	3/4	3,597.29	3/4	3,234.86	3/4	2,871.68	3/4	2,508.40		
11	11	11	4,570.70	11	4,344.31	11	4,105.70	11	3,855.26	11	3,589.73	11	3,227.30	11	2,864.11	11	2,500.86		
1/4	1/4	1/4	4,565.49	1/4	4,339.48	1/4	4,100.57	1/4	3,850.02	1/4	3,582.17	1/4	3,219.73	1/4	2,856.55	1/4	2,493.32		
1/2	1/2	1/2	4,560.29	1/2	4,334.66	1/2	4,095.45	1/2	3,844.78	1/2	3,574.62	1/2	3,212.17	1/2	2,848.98	1/2	2,485.79		
3/4	3/4	3/4	4,555.42	3/4	4,329.81	3/4	4,090.30	3/4	3,839.54	3/4	3,567.07	3/4	3,204.60	3/4	2,841.41	3/4	2,478.25		

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC CLOSED GAUGING DEVICE"
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-09" 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 29040"

3 PORT
ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 16' 9-1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 336"

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	2,470.71	0	2,109.53	0	1,747.42	0	1,383.81	0	1,025.50	0	667.29	0	303.51	0		0		0	
1/4	2,463.18	1/4	2,102.02	1/4	1,739.85	1/4	1,376.24	1/4	1,018.15	1/4	659.71	1/4	295.93	1/4	1/4	1/4	1/4		1/4
1/2	2,455.64	1/2	2,094.51	1/2	1,732.27	1/2	1,368.66	1/2	1,010.80	1/2	652.13	1/2	288.35	1/2	1/2	1/2	1/2		1/2
3/4	2,448.10	3/4	2,086.99	3/4	1,724.70	3/4	1,361.09	3/4	1,003.46	3/4	644.55	3/4	280.78	3/4	3/4	3/4	3/4		3/4
1	2,440.57	1	2,079.48	1	1,717.12	1	1,353.51	1	996.11	1	636.97	1	273.20	1	1	1	1		1
1/4	2,433.03	1/4	2,071.97	1/4	1,709.55	1/4	1,345.94	1/4	988.77	1/4	629.39	1/4	265.62	1/4	1/4	1/4	1/4		1/4
1/2	2,425.49	1/2	2,064.46	1/2	1,701.97	1/2	1,338.36	1/2	981.42	1/2	621.81	1/2	258.04	1/2	1/2	1/2	1/2		1/2
3/4	2,417.96	3/4	2,056.94	3/4	1,694.40	3/4	1,330.79	3/4	974.08	3/4	614.23	3/4	250.46	3/4	3/4	3/4	3/4		3/4
2	2,410.42	2	2,049.43	2	1,686.82	2	1,323.21	2	966.73	2	606.66	2	242.88	2	2	2	2		2
1/4	2,402.88	1/4	2,041.92	1/4	1,679.25	1/4	1,315.64	1/4	959.38	1/4	599.08	1/4	235.31	1/4	1/4	1/4	1/4		1/4
1/2	2,395.35	1/2	2,034.41	1/2	1,671.67	1/2	1,308.06	1/2	952.04	1/2	591.50	1/2	227.73	1/2	1/2	1/2	1/2		1/2
3/4	2,387.81	3/4	2,026.90	3/4	1,664.10	3/4	1,300.49	3/4	944.69	3/4	583.92	3/4	220.15	3/4	3/4	3/4	3/4		3/4
3	2,380.27	3	2,019.38	3	1,656.52	3	1,292.91	3	937.35	3	576.34	3	212.57	3	3	3	3		3
1/4	2,372.74	1/4	2,011.87	1/4	1,648.95	1/4	1,285.34	1/4	930.00	1/4	568.76	1/4	204.99	1/4	1/4	1/4	1/4		1/4
1/2	2,365.20	1/2	2,004.36	1/2	1,641.37	1/2	1,277.76	1/2	922.65	1/2	561.18	1/2	197.41	1/2	1/2	1/2	1/2		1/2
3/4	2,357.66	3/4	1,996.85	3/4	1,633.80	3/4	1,270.19	3/4	915.31	3/4	553.60	3/4	189.83	3/4	3/4	3/4	3/4		3/4
4	2,350.13	4	1,989.33	4	1,626.22	4	1,262.61	4	907.96	4	546.02	4	182.25	4	4	4	4		4
1/4	2,342.59	1/4	1,981.82	1/4	1,618.65	1/4	1,255.04	1/4	900.62	1/4	538.44	1/4	174.67	1/4	1/4	1/4	1/4		1/4
1/2	2,335.05	1/2	1,974.31	1/2	1,611.07	1/2	1,247.46	1/2	893.27	1/2	530.86	1/2	167.09	1/2	1/2	1/2	1/2		1/2
3/4	2,327.52	3/4	1,966.80	3/4	1,603.50	3/4	1,239.89	3/4	885.93	3/4	523.28	3/4	159.51	3/4	3/4	3/4	3/4		3/4
5	2,319.98	5	1,959.28	5	1,595.92	5	1,232.31	5	878.58	5	515.70	5	151.93	5	5	5	5		5
1/4	2,312.44	1/4	1,951.77	1/4	1,588.35	1/4	1,224.74	1/4	871.23	1/4	508.12	1/4	144.35	1/4	1/4	1/4	1/4		1/4
1/2	2,304.90	1/2	1,944.26	1/2	1,580.77	1/2	1,217.16	1/2	863.89	1/2	500.54	1/2	136.77	1/2	1/2	1/2	1/2		1/2
3/4	2,297.38	3/4	1,936.71	3/4	1,573.19	3/4	1,209.69	3/4	856.43	3/4	492.96	3/4	129.19	3/4	3/4	3/4	3/4		3/4
6	2,289.85	6	1,929.17	6	1,565.62	6	1,202.22	6	848.96	6	485.39	6	121.61	6	6	6	6		6
1/4	2,282.33	1/4	1,921.62	1/4	1,558.04	1/4	1,194.75	1/4	841.50	1/4	477.81	1/4	114.04	1/4	1/4	1/4	1/4		1/4
1/2	2,274.80	1/2	1,914.08	1/2	1,550.47	1/2	1,187.28	1/2	834.04	1/2	470.23	1/2	106.46	1/2	1/2	1/2	1/2		1/2
3/4	2,267.29	3/4	1,906.50	3/4	1,542.89	3/4	1,179.91	3/4	826.46	3/4	462.65	3/4	98.89	3/4	3/4	3/4	3/4		3/4
7	2,259.78	7	1,898.93	7	1,535.32	7	1,172.55	7	818.88	7	455.07	7	91.33	7	7	7	7		7
1/4	2,252.27	1/4	1,891.35	1/4	1,527.74	1/4	1,165.18	1/4	811.30	1/4	447.49	1/4	83.76	1/4	1/4	1/4	1/4		1/4
1/2	2,244.75	1/2	1,883.78	1/2	1,520.17	1/2	1,157.82	1/2	803.72	1/2	439.92	1/2	76.20	1/2	1/2	1/2	1/2		1/2
3/4	2,237.24	3/4	1,876.20	3/4	1,512.59	3/4	1,150.46	3/4	796.14	3/4	432.34	3/4	69.10	3/4	3/4	3/4	3/4		3/4
8	2,229.73	8	1,868.63	8	1,505.02	8	1,143.10	8	788.56	8	424.76	8	62.00	8	8	8	8		8
1/4	2,222.22	1/4	1,861.05	1/4	1,497.44	1/4	1,135.74	1/4	780.98	1/4	417.18	1/4	54.91	1/4	1/4	1/4	1/4		1/4
1/2	2,214.71	1/2	1,853.48	1/2	1,489.87	1/2	1,128.38	1/2	773.40	1/2	409.60	1/2	47.81	1/2	1/2	1/2	1/2		1/2
3/4	2,207.19	3/4	1,845.90	3/4	1,482.29	3/4	1,121.03	3/4	765.82	3/4	402.03	3/4	42.12	3/4	3/4	3/4	3/4		3/4
9	2,199.68	9	1,838.33	9	1,474.72	9	1,113.68	9	758.24	9	394.45	9	36.42	9	9	9	9		9
1/4	2,192.17	1/4	1,830.75	1/4	1,467.14	1/4	1,106.32	1/4	750.66	1/4	386.87	1/4	30.73	1/4	1/4	1/4	1/4		1/4
1/2	2,184.66	1/2	1,823.18	1/2	1,459.57	1/2	1,098.97	1/2	743.08	1/2	379.29	1/2	25.04	1/2	1/2	1/2	1/2		1/2
3/4	2,177.14	3/4	1,815.60	3/4	1,451.99	3/4	1,091.62	3/4	735.50	3/4	371.71	3/4		3/4	3/4	3/4	3/4		3/4
10	2,169.63	10	1,808.03	10	1,444.42	10	1,084.27	10	727.93	10	364.13	10		10	10	10	10		10
1/4	2,162.12	1/4	1,800.45	1/4	1,436.84	1/4	1,076.92	1/4	720.35	1/4	356.56	1/4		1/4	1/4	1/4	1/4		1/4
1/2	2,154.61	1/2	1,792.88	1/2	1,429.27	1/2	1,069.57	1/2	712.77	1/2	348.98	1/2		1/2	1/2	1/2	1/2		1/2
3/4	2,147.09	3/4	1,785.30	3/4	1,421.69	3/4	1,062.22	3/4	705.19	3/4	341.40	3/4		3/4	3/4	3/4	3/4		3/4
11	2,139.58	11	1,777.73	11	1,414.12	11	1,054.88	11	697.61	11	333.82	11		11	11	11	11		11
1/4	2,132.07	1/4	1,770.15	1/4	1,406.54	1/4	1,047.53	1/4	690.03	1/4	326.24	1/4		1/4	1/4	1/4	1/4		1/4
1/2	2,124.56	1/2	1,762.57	1/2	1,398.97	1/2	1,040.19	1/2	682.45	1/2	318.67	1/2		1/2	1/2	1/2	1/2		1/2
3/4	2,117.04	3/4	1,755.00	3/4	1,391.39	3/4	1,032.84	3/4	674.87	3/4	311.09	3/4		3/4	3/4	3/4	3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/19/2014 SW
RECALCULATED: 04/23/2019 CL
NAME CHANGE: 06/06/2019

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2019

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



BARGE "KIRBY 29040"

3 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 336"

GAUGE HEIGHT 16' 10-1/4"

0 FT.			1 FT.			2 FT.			3 FT.			4 FT.			5 FT.			6 FT.			7 FT.			8 FT.			9 FT.		
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0.00		0.00			0.00			0	4,591.35		0	4,365.14		0	4,126.02		0	3,875.23		0	3,607.13	0.00		3,243.59	0.00		2,879.28		
1/4	1/4		1/4			1/4			4,586.14	1/4		4,360.31	1/4		4,120.89	1/4		3,869.99	1/4		3,599.56	1/4		3,236.00	1/4		2,871.69	1/4	
1/2	1/2		1/2			1/2			4,581.26	1/2		4,355.46	1/2		4,115.74	1/2		3,864.74	1/2		3,591.99	1/2		3,228.41	1/2		2,864.09	1/2	
3/4	3/4		3/4			3/4			4,576.39	3/4		4,350.61	3/4		4,110.58	3/4		3,859.50	3/4		3,584.42	3/4		3,220.83	3/4		2,856.50	3/4	
1.00		1.00			1.00			1	4,571.51	1		4,345.75	1		4,105.43	1		3,854.25	1		3,576.85	1.00		3,213.24	1.00		2,848.91	1.00	
1/4	1/4		1/4			1/4			4,566.63	1/4		4,340.90	1/4		4,100.28	1/4		3,849.00	1/4		3,569.29	1/4		3,205.65	1/4		2,841.32	1/4	
1/2	1/2		1/2			1/2			4,562.07	1/2		4,336.03	1/2		4,095.10	1/2		3,843.76	1/2		3,561.72	1/2		3,198.06	1/2		2,833.73	1/2	
3/4	3/4		3/4			3/4			4,557.51	3/4		4,331.15	3/4		4,089.92	3/4		3,838.51	3/4		3,554.15	3/4		3,190.47	3/4		2,826.14	3/4	
2.00		2.00			2.00			2	4,552.94	2		4,326.27	2		4,084.74	2		3,833.27	2		3,546.58	2.00		3,182.88	2.00		2,818.55	2.00	
1/4	1/4		1/4			1/4			4,548.38	1/4		4,321.40	1/4		4,079.56	1/4		3,828.02	1/4		3,539.01	1/4		3,175.29	1/4		2,810.95	1/4	
1/2	1/2		1/2			1/2			4,543.80	1/2		4,316.50	1/2		4,074.36	1/2		3,822.78	1/2		3,531.45	1/2		3,167.70	1/2		2,803.36	1/2	
3/4	3/4		3/4			3/4			4,539.22	3/4		4,311.60	3/4		4,069.15	3/4		3,817.53	3/4		3,523.88	3/4		3,160.12	3/4		2,795.77	3/4	
3.00		3.00			3.00			3	4,534.63	3		4,306.70	3		4,064.95	3		3,812.28	3		3,516.31	3.00		3,152.53	3.00		2,788.18	3.00	
1/4	1/4		1/4			1/4			4,530.05	1/4		4,301.80	1/4		4,058.75	1/4		3,807.04	1/4		3,508.74	1/4		3,144.94	1/4		2,780.59	1/4	
1/2	1/2		1/2			1/2			4,525.44	1/2		4,296.88	1/2		4,053.52	1/2		3,801.79	1/2		3,501.17	1/2		3,137.35	1/2		2,773.00	1/2	
3/4	3/4		3/4			3/4			4,520.83	3/4		4,291.96	3/4		4,048.30	3/4		3,796.55	3/4		3,493.61	3/4		3,129.76	3/4		2,765.41	3/4	
4.00		4.00			4.00			4	4,516.22	4		4,287.04	4		4,043.07	4		3,791.30	4		3,486.04	4.00		3,122.17	4.00		2,757.81	4.00	
1/4	1/4		1/4			1/4			4,511.62	1/4		4,282.12	1/4		4,037.84	1/4		3,786.05	1/4		3,478.47	1/4		3,114.58	1/4		2,750.22	1/4	
1/2	1/2		1/2			1/2			4,506.98	1/2		4,277.17	1/2		4,032.60	1/2		3,780.81	1/2		3,470.90	1/2		3,107.00	1/2		2,742.63	1/2	
3/4	3/4		3/4			3/4			4,502.35	3/4		4,272.23	3/4		4,027.36	3/4		3,775.56	3/4		3,463.33	3/4		3,099.41	3/4		2,735.04	3/4	
5.00		5.00			5.00			5	4,497.71	5		4,267.28	5		4,022.12	5		3,770.32	5		3,455.77	5.00		3,091.82	5.00		2,727.45	5.00	
1/4	1/4		1/4			1/4			4,493.08	1/4		4,262.34	1/4		4,016.87	1/4		3,765.07	1/4		3,448.20	1/4		3,084.23	1/4		2,719.86	1/4	
1/2	1/2		1/2			1/2			4,488.42	1/2		4,257.37	1/2		4,011.63	1/2		3,759.82	1/2		3,440.63	1/2		3,076.64	1/2		2,712.27	1/2	
3/4	3/4		3/4			3/4			4,483.76	3/4		4,252.40	3/4		4,006.38	3/4		3,754.58	3/4		3,433.06	3/4		3,069.05	3/4		2,704.67	3/4	
6.00		6.00			6.00			6	4,479.11	6		4,247.43	6		4,001.14	6		3,749.33	6		3,425.49	6.00		3,061.46	6.00		2,697.08	6.00	
1/4	1/4		1/4			1/4			4,474.45	1/4		4,242.46	1/4		3,995.89	1/4		3,744.09	1/4		3,417.93	1/4		3,053.87	1/4		2,689.49	1/4	
1/2	1/2		1/2			1/2			4,469.77	1/2		4,237.47	1/2		3,990.64	1/2		3,738.84	1/2		3,410.36	1/2		3,046.28	1/2		2,681.90	1/2	
3/4	3/4		3/4			3/4			4,465.09	3/4		4,232.47	3/4		3,985.40	3/4		3,733.59	3/4		3,402.79	3/4		3,038.69	3/4		2,674.31	3/4	
7.00		7.00			7.00			7	4,460.41	7		4,227.48	7		3,980.15	7		3,728.35	7		3,395.22	7.00		3,031.10	7.00		2,666.71	7.00	
1/4	1/4		1/4			1/4			4,455.73	1/4		4,222.48	1/4		3,974.91	1/4		3,723.10	1/4		3,387.65	1/4		3,023.51	1/4		2,659.12	1/4	
1/2	1/2		1/2			1/2			4,451.02	1/2		4,217.46	1/2		3,969.66	1/2		3,717.86	1/2		3,380.09	1/2		3,015.92	1/2		2,651.52	1/2	
3/4	3/4		3/4			3/4			4,675.31	3/4		4,446.32	3/4		3,964.41	3/4		3,712.61	3/4		3,372.52	3/4		3,008.33	3/4		2,643.92	3/4	
8.00		8.00			8.00			8	4,441.62	8		4,207.40	8		3,959.17	8		3,707.37	8		3,364.95	8.00		3,000.74	8.00		2,636.33	8.00	
1/4	1/4		1/4			1/4			4,436.91	1/4		4,202.37	1/4		3,953.92	1/4		3,702.12	1/4		3,357.38	1/4		2,993.15	1/4		2,628.73	1/4	
1/2	1/2		1/2			1/2			4,663.11	1/2		4,432.17	1/2		3,948.68	1/2		3,696.87	1/2		3,349.80	1/2		2,985.56	1/2		2,621.13	1/2	
3/4	3/4		3/4			3/4			4,658.28	3/4		4,427.43	3/4		3,943.43	3/4		3,691.63	3/4		3,342.22	3/4		2,977.97	3/4		2,613.53	3/4	
9.00		9.00			9.00			9	4,653.45	9		4,422.69	9		3,938.18	9		3,686.38	9		3,334.65	9.00		2,970.37	9.00		2,605.93	9.00	
1/4	1/4		1/4			1/4			4,648.62	1/4		4,417.95	1/4		3,932.94	1/4		3,681.14	1/4		3,327.07	1/4		2,962.78	1/4		2,598.33	1/4	
1/2	1/2		1/2			1/2			4,643.42	1/2		4,413.17	1/2		3,927.69	1/2		3,675.30	1/2		3,319.48	1/2		2,955.19	1/2		2,590.73	1/2	
3/4	3/4		3/4			3/4			4,638.21	3/4		4,408.40	3/4		3,922.45	3/4		3,669.47	3/4		3,311.89	3/4		2,947.60	3/4		2,583.13	3/4	
10.00		10.00			10.00			10	4,633.00	10		4,403.62	10		3,917.20	10		3,663.64	10		3,304.30	10.00		2,940.01	10.00		2,575.54	10.00	
1/4	1/4		1/4			1/4			4,627.80	1/4		4,398.84	1/4		3,911.96	1/4		3,657.80	1/4		3,296.71	1/4		2,932.42	1/4		2,567.94	1/4	
1/2	1/2		1/2			1/2			4,622.59	1/2		4,394.04	1/2		3,906.71	1/2		3,650.81	1/2		3,289.12	1/2		2,924.83	1/2		2,560.34	1/2	
3/4	3/4		3/4			3/4			4,617.38	3/4		4,389.24	3/4		3,901.46	3/4		3,643.82	3/4		3,281.54	3/4		2,917.23	3/4		2,552.74	3/4	
11.00		11.00			11.00			11	4,612.18	11		4,384.43	11		3,896.22	11		3,636.82	11		3,273.95	11.00		2,909.64	11.00		2,545.14	11.00	
1/4	1/4		1/4			1/4			4,606.97	1/4		4,379.63	1/4		3,890.97	1/4		3,629.83	1/4		3,266.36	1/4		2,902.05	1/4		2,537.54	1/4	
1/2	1/2		1/2			1/2			4,601.76	1/2		4,374.80	1/2		3,885.73	1/2		3,622.26	1/2		3,258.77	1/2		2,894.46	1/2		2,529.94	1/2	
3/4	3/4		3/4			3/4			4,596.56	3/4		4,369.97	3/4		3,880.48	3/4		3,614.69	3/4		3,251.18	3/4		2,886.87	3/4		2,522.35	3/4	



BARGE "KIRBY 29040"

3 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 336"

GAUGE HEIGHT 16' 10-1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
	2,514.75		2,150.01		1,785.27		1,420.53		1,055.94		691.62		326.89						
1/4	2,507.15	1/4	2,142.41	1/4	1,777.67	1/4	1,412.94	1/4	1,048.35	1/4	684.02	1/4	319.30	1/4	1/4			1/4	1/4
1/2	2,499.55	1/2	2,134.81	1/2	1,770.07	1/2	1,405.34	1/2	1,040.77	1/2	676.42	1/2	311.70	1/2	1/2	1/2		1/2	1/2
3/4	2,491.95	3/4	2,127.21	3/4	1,762.48	3/4	1,397.74	3/4	1,033.19	3/4	668.82	3/4	304.10	3/4	3/4	3/4		3/4	3/4
1	2,484.35	1	2,119.61	1	1,754.88	1	1,390.14	1	1,025.60	1	661.22	1	296.50	1	1	1		1	1
1/4	2,476.75	1/4	2,112.02	1/4	1,747.28	1/4	1,382.54	1/4	1,018.02	1/4	653.63	1/4	288.90	1/4	1/4	1/4		1/4	1/4
1/2	2,469.15	1/2	2,104.42	1/2	1,739.68	1/2	1,374.94	1/2	1,010.44	1/2	646.03	1/2	281.30	1/2	1/2	1/2		1/2	1/2
3/4	2,461.56	3/4	2,096.82	3/4	1,732.08	3/4	1,367.34	3/4	1,002.85	3/4	638.43	3/4	273.71	3/4	3/4	3/4		3/4	3/4
2	2,453.96	2	2,089.22	2	1,724.48	2	1,359.74	2	995.27	2	630.83	2	266.11	2	2	2		2	2
1/4	2,446.36	1/4	2,081.62	1/4	1,716.88	1/4	1,352.15	1/4	987.69	1/4	623.23	1/4	258.51	1/4	1/4	1/4		1/4	1/4
1/2	2,438.76	1/2	2,074.02	1/2	1,709.28	1/2	1,344.55	1/2	980.10	1/2	615.63	1/2	250.91	1/2	1/2	1/2		1/2	1/2
3/4	2,431.16	3/4	2,066.42	3/4	1,701.69	3/4	1,336.95	3/4	972.52	3/4	608.03	3/4	243.31	3/4	3/4	3/4		3/4	3/4
3	2,423.56	3	2,058.82	3	1,694.09	3	1,329.35	3	964.94	3	600.44	3	235.71	3	3	3		3	3
1/4	2,415.96	1/4	2,051.23	1/4	1,686.49	1/4	1,321.75	1/4	957.35	1/4	592.84	1/4	228.11	1/4	1/4	1/4		1/4	1/4
1/2	2,408.36	1/2	2,043.63	1/2	1,678.89	1/2	1,314.15	1/2	949.77	1/2	585.24	1/2	220.52	1/2	1/2	1/2		1/2	1/2
3/4	2,400.77	3/4	2,036.03	3/4	1,671.29	3/4	1,306.55	3/4	942.19	3/4	577.64	3/4	212.92	3/4	3/4	3/4		3/4	3/4
4	2,393.17	4	2,028.43	4	1,663.69	4	1,298.95	4	934.60	4	570.04	4	205.32	4	4	4		4	4
1/4	2,385.57	1/4	2,020.83	1/4	1,656.09	1/4	1,291.36	1/4	927.02	1/4	562.44	1/4	197.72	1/4	1/4	1/4		1/4	1/4
1/2	2,377.97	1/2	2,013.23	1/2	1,648.49	1/2	1,283.76	1/2	919.44	1/2	554.85	1/2	190.12	1/2	1/2	1/2		1/2	1/2
3/4	2,370.37	3/4	2,005.63	3/4	1,640.90	3/4	1,276.16	3/4	911.85	3/4	547.25	3/4	182.52	3/4	3/4	3/4		3/4	3/4
5	2,362.77	5	1,998.03	5	1,633.30	5	1,268.56	5	904.27	5	539.65	5	174.93	5	5	5		5	5
1/4	2,355.17	1/4	1,990.44	1/4	1,625.70	1/4	1,260.96	1/4	896.69	1/4	532.05	1/4	167.33	1/4	1/4	1/4		1/4	1/4
1/2	2,347.58	1/2	1,982.84	1/2	1,618.10	1/2	1,253.36	1/2	889.10	1/2	524.45	1/2	159.73	1/2	1/2	1/2		1/2	1/2
3/4	2,339.98	3/4	1,975.24	3/4	1,610.50	3/4	1,245.76	3/4	881.52	3/4	516.85	3/4	152.13	3/4	3/4	3/4		3/4	3/4
6	2,332.38	6	1,967.64	6	1,602.90	6	1,238.16	6	873.94	6	509.26	6	144.53	6	6	6		6	6
1/4	2,324.78	1/4	1,960.04	1/4	1,595.30	1/4	1,230.57	1/4	866.35	1/4	501.66	1/4	136.94	1/4	1/4	1/4		1/4	1/4
1/2	2,317.18	1/2	1,952.44	1/2	1,587.71	1/2	1,222.97	1/2	858.76	1/2	494.06	1/2	129.34	1/2	1/2	1/2		1/2	1/2
3/4	2,309.58	3/4	1,944.84	3/4	1,580.11	3/4	1,215.37	3/4	851.17	3/4	486.46	3/4	121.75	3/4	3/4	3/4		3/4	3/4
7	2,301.98	7	1,937.25	7	1,572.51	7	1,207.77	7	843.58	7	478.86	7	114.16	7	7	7		7	7
1/4	2,294.38	1/4	1,929.65	1/4	1,564.91	1/4	1,200.17	1/4	835.99	1/4	471.26	1/4	106.57	1/4	1/4	1/4		1/4	1/4
1/2	2,286.79	1/2	1,922.05	1/2	1,557.31	1/2	1,192.57	1/2	828.39	1/2	463.67	1/2	98.99	1/2	1/2	1/2		1/2	1/2
3/4	2,279.19	3/4	1,914.45	3/4	1,549.71	3/4	1,184.97	3/4	820.79	3/4	456.07	3/4	91.42	3/4	3/4	3/4		3/4	3/4
8	2,271.59	8	1,906.85	8	1,542.11	8	1,177.38	8	813.19	8	448.47	8	83.84	8	8	8		8	8
1/4	2,263.99	1/4	1,899.25	1/4	1,534.51	1/4	1,169.78	1/4	805.59	1/4	440.87	1/4	76.27	1/4	1/4	1/4		1/4	1/4
1/2	2,256.39	1/2	1,891.65	1/2	1,526.92	1/2	1,162.18	1/2	797.99	1/2	433.27	1/2	69.16	1/2	1/2	1/2		1/2	1/2
3/4	2,248.79	3/4	1,884.05	3/4	1,519.32	3/4	1,154.59	3/4	790.40	3/4	425.67	3/4	62.06	3/4	3/4	3/4		3/4	3/4
9	2,241.19	9	1,876.46	9	1,511.72	9	1,146.99	9	782.80	9	418.07	9	54.96	9	9	9		9	9
1/4	2,233.59	1/4	1,868.86	1/4	1,504.12	1/4	1,139.40	1/4	775.20	1/4	410.48	1/4	47.85	1/4	1/4	1/4		1/4	1/4
1/2	2,226.00	1/2	1,861.26	1/2	1,496.52	1/2	1,131.81	1/2	767.60	1/2	402.88	1/2	42.15	1/2	1/2	1/2		1/2	1/2
3/4	2,218.40	3/4	1,853.66	3/4	1,488.92	3/4	1,124.22	3/4	760.00	3/4	395.28	3/4	36.45	3/4	3/4	3/4		3/4	3/4
10	2,210.80	10	1,846.06	10	1,481.32	10	1,116.63	10	752.40	10	387.68	10	30.76	10	10	10		10	10
1/4	2,203.20	1/4	1,838.46	1/4	1,473.72	1/4	1,109.04	1/4	744.81	1/4	380.08	1/4	25.06	1/4	1/4	1/4		1/4	1/4
1/2	2,195.60	1/2	1,830.86	1/2	1,466.13	1/2	1,101.45	1/2	737.21	1/2	372.48	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,188.00	3/4	1,823.26	3/4	1,458.53	3/4	1,093.86	3/4	729.61	3/4	364.89	3/4		3/4	3/4	3/4		3/4	3/4
11	2,180.40	11	1,815.67	11	1,450.93	11	1,086.27	11	722.01	11	357.29	11		11	11	11		11	11
1/4	2,172.81	1/4	1,808.07	1/4	1,443.33	1/4	1,078.69	1/4	714.41	1/4	349.69	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,165.21	1/2	1,800.47	1/2	1,435.73	1/2	1,071.10	1/2	706.81	1/2	342.09	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,157.61	3/4	1,792.87	3/4	1,428.13	3/4	1,063.52	3/4	699.22	3/4	334.49	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/19/2014 SW
RECALCULATED: 04/23/2019 CL
NAME CHANGE: 06/06/2019

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2019

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