



# BARGE "KIRBY 27729"

ULLAGE TRIM TABLE  
FORMERLY "CTCO 326"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 236'-09"

April 10, 2024

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 27729"

## 1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 326"

GAUGE HEIGHT 16'-10 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,961.91	0	4,632.96	0	4,285.19	0	3,920.41	0	3,554.13	0	3,187.33	0	2,820.41
1/4		1/4		1/4		1/4	4,954.33	1/4	4,625.93	1/4	4,277.72	1/4	3,912.78	1/4	3,546.50	1/4	3,179.68	1/4	2,812.76
1/2		1/2		1/2		1/2	4,946.76	1/2	4,618.90	1/2	4,270.26	1/2	3,905.15	1/2	3,538.87	1/2	3,172.04	1/2	2,805.12
3/4		3/4		3/4		3/4	4,939.90	3/4	4,611.83	3/4	4,262.75	3/4	3,897.52	3/4	3,531.23	3/4	3,164.40	3/4	2,797.47
1		1		1		1	4,933.05	1	4,604.77	1	4,255.24	1	3,889.88	1	3,523.59	1	3,156.76	1	2,789.82
1/4		1/4		1/4		1/4	4,926.19	1/4	4,597.70	1/4	4,247.74	1/4	3,882.25	1/4	3,515.95	1/4	3,149.11	1/4	2,782.18
1/2		1/2		1/2		1/2	4,919.34	1/2	4,590.64	1/2	4,240.23	1/2	3,874.62	1/2	3,508.31	1/2	3,141.47	1/2	2,774.53
3/4		3/4		3/4		3/4	4,912.70	3/4	4,583.54	3/4	4,232.69	3/4	3,866.99	3/4	3,500.67	3/4	3,133.83	3/4	2,766.88
2		2		2		2	4,906.06	2	4,576.44	2	4,225.15	2	3,859.36	2	3,493.02	2	3,126.19	2	2,759.24
1/4		1/4		1/4		1/4	4,899.41	1/4	4,569.34	1/4	4,217.60	1/4	3,851.73	1/4	3,485.38	1/4	3,118.55	1/4	2,751.59
1/2		1/2		1/2		1/2	4,892.77	1/2	4,562.24	1/2	4,210.06	1/2	3,844.10	1/2	3,477.74	1/2	3,110.90	1/2	2,743.94
3/4		3/4		3/4		3/4	4,886.10	3/4	4,555.11	3/4	4,202.48	3/4	3,836.47	3/4	3,470.10	3/4	3,103.26	3/4	2,736.30
3		3		3		3	4,879.43	3	4,547.98	3	4,194.91	3	3,828.84	3	3,462.45	3	3,095.62	3	2,728.65
1/4		1/4		1/4		1/4	4,872.76	1/4	4,540.84	1/4	4,187.33	1/4	3,821.21	1/4	3,454.81	1/4	3,087.98	1/4	2,721.00
1/2		1/2		1/2		1/2	4,866.08	1/2	4,533.71	1/2	4,179.76	1/2	3,813.58	1/2	3,447.17	1/2	3,080.33	1/2	2,713.36
3/4		3/4		3/4		3/4	4,859.37	3/4	4,526.55	3/4	4,172.15	3/4	3,805.95	3/4	3,439.53	3/4	3,072.69	3/4	2,705.71
4		4		4		4	4,852.66	4	4,519.38	4	4,164.54	4	3,798.31	4	3,431.88	4	3,065.05	4	2,698.07
1/4		1/4		1/4		1/4	4,845.95	1/4	4,512.21	1/4	4,156.93	1/4	3,790.68	1/4	3,424.24	1/4	3,057.41	1/4	2,690.42
1/2		1/2		1/2		1/2	4,839.24	1/2	4,505.05	1/2	4,149.32	1/2	3,783.05	1/2	3,416.60	1/2	3,049.76	1/2	2,682.77
3/4		3/4		3/4		3/4	4,832.49	3/4	4,497.85	3/4	4,141.69	3/4	3,775.42	3/4	3,408.96	3/4	3,042.12	3/4	2,675.13
5		5		5		5	4,825.75	5	4,490.65	5	4,134.06	5	3,767.79	5	3,401.31	5	3,034.48	5	2,667.48
1/4		1/4		1/4		1/4	4,819.00	1/4	4,483.45	1/4	4,126.44	1/4	3,760.16	1/4	3,393.67	1/4	3,026.84	1/4	2,659.83
1/2		1/2		1/2		1/2	4,812.25	1/2	4,476.25	1/2	4,118.81	1/2	3,752.53	1/2	3,386.03	1/2	3,019.19	1/2	2,652.19
3/4		3/4		3/4		3/4	4,805.47	3/4	4,469.01	3/4	4,111.18	3/4	3,744.90	3/4	3,378.39	3/4	3,011.55	3/4	2,644.54
6		6		6		6	4,798.69	6	4,461.78	6	4,103.55	6	3,737.27	6	3,370.74	6	3,003.91	6	2,636.89
1/4		1/4		1/4		1/4	4,791.91	1/4	4,454.54	1/4	4,095.92	1/4	3,729.64	1/4	3,363.10	1/4	2,996.27	1/4	2,629.25
1/2		1/2		1/2		1/2	4,785.13	1/2	4,447.31	1/2	4,088.29	1/2	3,722.01	1/2	3,355.46	1/2	2,988.62	1/2	2,621.60
3/4		3/4		3/4		3/4	4,778.31	3/4	4,440.04	3/4	4,080.65	3/4	3,714.38	3/4	3,347.82	3/4	2,980.98	3/4	2,613.95
7		7		7		7	4,771.50	7	4,432.76	7	4,073.02	7	3,706.75	7	3,340.17	7	2,973.34	7	2,606.31
1/4		1/4		1/4		1/4	4,764.68	1/4	4,425.49	1/4	4,065.39	1/4	3,699.11	1/4	3,332.53	1/4	2,965.69	1/4	2,598.66
1/2		1/2		1/2	5,092.90	1/2	4,757.87	1/2	4,418.21	1/2	4,057.76	1/2	3,691.48	1/2	3,324.89	1/2	2,958.05	1/2	2,591.01
3/4		3/4		3/4	5,086.47	3/4	4,751.02	3/4	4,410.89	3/4	4,050.13	3/4	3,683.85	3/4	3,317.25	3/4	2,950.40	3/4	2,583.37
8		8		8	5,080.04	8	4,744.17	8	4,403.56	8	4,042.50	8	3,676.22	8	3,309.61	8	2,942.75	8	2,575.72
1/4		1/4		1/4	5,073.61	1/4	4,737.33	1/4	4,396.24	1/4	4,034.87	1/4	3,668.59	1/4	3,301.96	1/4	2,935.11	1/4	2,568.07
1/2		1/2		1/2	5,067.18	1/2	4,730.48	1/2	4,388.91	1/2	4,027.24	1/2	3,660.96	1/2	3,294.32	1/2	2,927.46	1/2	2,560.43
3/4		3/4		3/4	5,059.79	3/4	4,723.57	3/4	4,381.54	3/4	4,019.61	3/4	3,653.33	3/4	3,286.68	3/4	2,919.81	3/4	2,552.78
9		9		9	5,052.41	9	4,716.65	9	4,374.18	9	4,011.98	9	3,645.70	9	3,279.04	9	2,912.17	9	2,545.14
1/4		1/4		1/4	5,045.02	1/4	4,709.74	1/4	4,366.81	1/4	4,004.35	1/4	3,638.07	1/4	3,271.39	1/4	2,904.52	1/4	2,537.49
1/2		1/2		1/2	5,037.64	1/2	4,702.83	1/2	4,359.45	1/2	3,996.72	1/2	3,630.44	1/2	3,263.75	1/2	2,896.87	1/2	2,529.84
3/4		3/4		3/4	5,030.07	3/4	4,695.87	3/4	4,352.05	3/4	3,989.08	3/4	3,622.81	3/4	3,256.11	3/4	2,889.23	3/4	2,522.20
10		10		10	5,022.49	10	4,688.92	10	4,344.65	10	3,981.45	10	3,615.18	10	3,248.47	10	2,881.58	10	2,514.55
1/4		1/4		1/4	5,014.92	1/4	4,681.96	1/4	4,337.25	1/4	3,973.82	1/4	3,607.54	1/4	3,240.82	1/4	2,873.93	1/4	2,506.90
1/2		1/2		1/2	5,007.35	1/2	4,675.01	1/2	4,329.85	1/2	3,966.19	1/2	3,599.91	1/2	3,233.18	1/2	2,866.29	1/2	2,499.26
3/4		3/4		3/4	4,999.77	3/4	4,668.01	3/4	4,322.42	3/4	3,958.56	3/4	3,592.28	3/4	3,225.54	3/4	2,858.64	3/4	2,491.61
11		11		11	4,992.20	11	4,661.02	11	4,314.99	11	3,950.93	11	3,584.65	11	3,217.90	11	2,851.00	11	2,483.96
1/4		1/4		1/4	4,984.63	1/4	4,654.02	1/4	4,307.55	1/4	3,943.30	1/4	3,577.02	1/4	3,210.25	1/4	2,843.35	1/4	2,476.32
1/2		1/2		1/2	4,977.05	1/2	4,647.03	1/2	4,300.12	1/2	3,935.67	1/2	3,569.39	1/2	3,202.61	1/2	2,835.70	1/2	2,468.67
3/4		3/4		3/4	4,969.48	3/4	4,639.99	3/4	4,292.66	3/4	3,928.04	3/4	3,561.76	3/4	3,194.97	3/4	2,828.06	3/4	2,461.02

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'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "KIRBY 27729"

## 1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 326"

GAUGE HEIGHT 16'-10 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	2,453.38	0	2,086.35	0	1,725.47	0	1,358.37	0	992.11	0	626.40	0	275.09	0		0		0	
1/4	2,445.73	1/4	2,078.70	1/4	1,717.82	1/4	1,350.72	1/4	984.52	1/4	618.75	1/4	268.26	1/4	1/4	1/4		1/4	1/4
1/2	2,438.08	1/2	2,071.05	1/2	1,710.18	1/2	1,343.08	1/2	976.92	1/2	611.10	1/2	261.44	1/2	1/2	1/2		1/2	1/2
3/4	2,430.44	3/4	2,063.41	3/4	1,702.53	3/4	1,335.43	3/4	969.32	3/4	603.45	3/4	254.70	3/4	3/4	3/4		3/4	3/4
1	2,422.79	1	2,055.76	1	1,694.88	1	1,327.78	1	961.73	1	595.81	1	247.97	1	1	1		1	1
1/4	2,415.14	1/4	2,048.11	1/4	1,687.23	1/4	1,320.13	1/4	954.13	1/4	588.16	1/4	241.23	1/4	1/4	1/4		1/4	1/4
1/2	2,407.50	1/2	2,040.47	1/2	1,679.58	1/2	1,312.48	1/2	946.53	1/2	580.51	1/2	234.50	1/2	1/2	1/2		1/2	1/2
3/4	2,399.85	3/4	2,033.36	3/4	1,671.94	3/4	1,304.84	3/4	938.94	3/4	572.87	3/4	227.85	3/4	3/4	3/4		3/4	3/4
2	2,392.21	2	2,026.26	2	1,664.29	2	1,297.19	2	931.34	2	565.23	2	221.20	2	2	2		2	2
1/4	2,384.56	1/4	2,019.15	1/4	1,656.64	1/4	1,289.54	1/4	923.74	1/4	557.59	1/4	214.55	1/4	1/4	1/4		1/4	1/4
1/2	2,376.91	1/2	2,012.05	1/2	1,648.99	1/2	1,281.89	1/2	916.15	1/2	549.95	1/2	207.90	1/2	1/2	1/2		1/2	1/2
3/4	2,369.27	3/4	2,005.12	3/4	1,641.34	3/4	1,274.25	3/4	908.55	3/4	542.36	3/4	201.34	3/4	3/4	3/4		3/4	3/4
3	2,361.62	3	1,998.20	3	1,633.70	3	1,266.60	3	900.95	3	534.76	3	194.77	3	3	3		3	3
1/4	2,353.97	1/4	1,991.28	1/4	1,626.05	1/4	1,258.95	1/4	893.35	1/4	527.16	1/4	188.21	1/4	1/4	1/4		1/4	1/4
1/2	2,346.33	1/2	1,984.35	1/2	1,618.40	1/2	1,251.30	1/2	885.76	1/2	519.57	1/2	181.65	1/2	1/2	1/2		1/2	1/2
3/4	2,338.68	3/4	1,976.91	3/4	1,610.75	3/4	1,243.65	3/4	878.16	3/4	512.05	3/4	175.17	3/4	3/4	3/4		3/4	3/4
4	2,331.03	4	1,969.47	4	1,603.11	4	1,236.01	4	870.56	4	504.53	4	168.70	4	4	4		4	4
1/4	2,323.39	1/4	1,962.03	1/4	1,595.46	1/4	1,228.36	1/4	862.97	1/4	497.02	1/4	162.22	1/4	1/4	1/4		1/4	1/4
1/2	2,315.74	1/2	1,954.59	1/2	1,587.81	1/2	1,220.71	1/2	855.37	1/2	489.50	1/2	155.75	1/2	1/2	1/2		1/2	1/2
3/4	2,308.09	3/4	1,946.98	3/4	1,580.16	3/4	1,213.06	3/4	847.77	3/4	482.07	3/4	149.36	3/4	3/4	3/4		3/4	3/4
5	2,300.45	5	1,939.37	5	1,572.51	5	1,205.41	5	840.18	5	474.64	5	142.98	5	5	5		5	5
1/4	2,292.80	1/4	1,931.75	1/4	1,564.87	1/4	1,197.77	1/4	832.58	1/4	467.21	1/4	136.59	1/4	1/4	1/4		1/4	1/4
1/2	2,285.15	1/2	1,924.14	1/2	1,557.22	1/2	1,190.12	1/2	824.98	1/2	459.78	1/2	130.21	1/2	1/2	1/2		1/2	1/2
3/4	2,277.51	3/4	1,916.53	3/4	1,549.57	3/4	1,182.47	3/4	817.39	3/4	452.43	3/4	123.92	3/4	3/4	3/4		3/4	3/4
6	2,269.86	6	1,908.92	6	1,541.92	6	1,174.82	6	809.79	6	445.09	6	117.63	6	6	6		6	6
1/4	2,262.21	1/4	1,901.30	1/4	1,534.27	1/4	1,167.17	1/4	802.19	1/4	437.74	1/4	111.34	1/4	1/4	1/4		1/4	1/4
1/2	2,254.57	1/2	1,893.69	1/2	1,526.63	1/2	1,159.53	1/2	794.60	1/2	430.40	1/2	105.04	1/2	1/2	1/2		1/2	1/2
3/4	2,246.92	3/4	1,886.05	3/4	1,518.98	3/4	1,151.90	3/4	786.96	3/4	423.14	3/4	98.85	3/4	3/4	3/4		3/4	3/4
7	2,239.28	7	1,878.41	7	1,511.33	7	1,144.28	7	779.33	7	415.89	7	92.65	7	7	7		7	7
1/4	2,231.63	1/4	1,870.77	1/4	1,503.68	1/4	1,136.65	1/4	771.69	1/4	408.63	1/4	86.46	1/4	1/4	1/4		1/4	1/4
1/2	2,223.98	1/2	1,863.13	1/2	1,496.03	1/2	1,129.02	1/2	764.06	1/2	401.37	1/2	80.26	1/2	1/2	1/2		1/2	1/2
3/4	2,216.34	3/4	1,855.49	3/4	1,488.39	3/4	1,121.41	3/4	756.41	3/4	394.20	3/4	74.18	3/4	3/4	3/4		3/4	3/4
8	2,208.69	8	1,847.84	8	1,480.74	8	1,113.79	8	748.76	8	387.03	8	68.09	8	8	8		8	8
1/4	2,201.04	1/4	1,840.19	1/4	1,473.09	1/4	1,106.17	1/4	741.11	1/4	379.86	1/4	62.01	1/4	1/4	1/4		1/4	1/4
1/2	2,193.40	1/2	1,832.54	1/2	1,465.44	1/2	1,098.55	1/2	733.46	1/2	372.69	1/2	55.92	1/2	1/2	1/2		1/2	1/2
3/4	2,185.75	3/4	1,824.89	3/4	1,457.79	3/4	1,090.94	3/4	725.82	3/4	365.61	3/4	50.62	3/4	3/4	3/4		3/4	3/4
9	2,178.10	9	1,817.25	9	1,450.15	9	1,083.34	9	718.17	9	358.52	9	45.31	9	9	9		9	9
1/4	2,170.46	1/4	1,809.60	1/4	1,442.50	1/4	1,075.73	1/4	710.52	1/4	351.44	1/4	40.01	1/4	1/4	1/4		1/4	1/4
1/2	2,162.81	1/2	1,801.95	1/2	1,434.85	1/2	1,068.12	1/2	702.87	1/2	344.36	1/2	34.70	1/2	1/2	1/2		1/2	1/2
3/4	2,155.16	3/4	1,794.30	3/4	1,427.20	3/4	1,060.52	3/4	695.23	3/4	337.36	3/4	30.81	3/4	3/4	3/4		3/4	3/4
10	2,147.52	10	1,786.65	10	1,419.56	10	1,052.91	10	687.58	10	330.36	10	26.92	10	10	10		10	10
1/4	2,139.87	1/4	1,779.01	1/4	1,411.91	1/4	1,045.31	1/4	679.93	1/4	323.37	1/4	23.03	1/4	1/4	1/4		1/4	1/4
1/2	2,132.22	1/2	1,771.36	1/2	1,404.26	1/2	1,037.70	1/2	672.28	1/2	316.37	1/2	19.14	1/2	1/2	1/2		1/2	1/2
3/4	2,124.58	3/4	1,763.71	3/4	1,396.61	3/4	1,030.10	3/4	664.64	3/4	309.46	3/4		3/4	3/4	3/4		3/4	3/4
11	2,116.93	11	1,756.06	11	1,388.96	11	1,022.51	11	656.99	11	302.55	11		11	11	11		11	11
1/4	2,109.28	1/4	1,748.42	1/4	1,381.32	1/4	1,014.91	1/4	649.34	1/4	295.64	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,101.64	1/2	1,740.77	1/2	1,373.67	1/2	1,007.31	1/2	641.69	1/2	288.73	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,093.99	3/4	1,733.12	3/4	1,366.02	3/4	999.71	3/4	634.04	3/4	281.91	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/16/2014 CL  
RECALCULATED: 05/10/2019 SW  
VERIFIED: 04/10/2024

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2024

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



# BARGE "KIRBY 27729"

## 1 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 326"

GAUGE HEIGHT 16'-09 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.		
0		0		0		0	4,929.99	0	4,601.67	0	4,252.11	0	3,886.70	0	3,520.39	0	3,154.08	0	2,787.66		
1/4		1/4		1/4		1/4	4,923.13	1/4	4,594.60	1/4	4,244.60	1/4	3,879.07	1/4	3,512.76	1/4	3,146.45	1/4	2,780.02		
1/2		1/2		1/2		1/2	4,916.27	1/2	4,587.54	1/2	4,237.09	1/2	3,871.44	1/2	3,505.13	1/2	3,138.82	1/2	2,772.39		
3/4		3/4		3/4		3/4	4,909.63	3/4	4,580.44	3/4	4,229.55	3/4	3,863.81	3/4	3,497.50	3/4	3,131.18	3/4	2,764.75		
1		1		1		1	4,902.99	1	4,573.34	1	4,222.00	1	3,856.18	1	3,489.87	1	3,123.55	1	2,757.12		
1/4		1/4		1/4		1/4	4,896.35	1/4	4,566.24	1/4	4,214.46	1/4	3,848.55	1/4	3,482.23	1/4	3,115.92	1/4	2,749.48		
1/2		1/2		1/2		1/2	4,889.71	1/2	4,559.14	1/2	4,206.92	1/2	3,840.91	1/2	3,474.60	1/2	3,108.29	1/2	2,741.85		
3/4		3/4		3/4		3/4	4,883.03	3/4	4,552.00	3/4	4,199.34	3/4	3,833.28	3/4	3,466.97	3/4	3,100.66	3/4	2,734.21		
2		2		2		2	4,876.36	2	4,544.87	2	4,191.76	2	3,825.65	2	3,459.34	2	3,093.03	2	2,726.57		
1/4		1/4		1/4		1/4	4,869.69	1/4	4,537.74	1/4	4,184.19	1/4	3,818.02	1/4	3,451.71	1/4	3,085.40	1/4	2,718.94		
1/2		1/2		1/2		1/2	4,863.01	1/2	4,530.60	1/2	4,176.61	1/2	3,810.39	1/2	3,444.08	1/2	3,077.76	1/2	2,711.30		
3/4		3/4		3/4		3/4	4,856.30	3/4	4,523.44	3/4	4,169.00	3/4	3,802.76	3/4	3,436.44	3/4	3,070.13	3/4	2,703.67		
3		3		3		3	4,849.59	3	4,516.27	3	4,161.39	3	3,795.13	3	3,428.81	3	3,062.50	3	2,696.03		
1/4		1/4		1/4		1/4	4,842.88	1/4	4,509.10	1/4	4,153.78	1/4	3,787.49	1/4	3,421.18	1/4	3,054.87	1/4	2,688.40		
1/2		1/2		1/2		1/2	4,836.17	1/2	4,501.94	1/2	4,146.17	1/2	3,779.86	1/2	3,413.55	1/2	3,047.24	1/2	2,680.76		
3/4		3/4		3/4		3/4	4,829.42	3/4	4,494.73	3/4	4,138.54	3/4	3,772.23	3/4	3,405.92	3/4	3,039.61	3/4	2,673.13		
4		4		4		4	4,822.67	4	4,487.53	4	4,130.91	4	3,764.60	4	3,398.29	4	3,031.98	4	2,665.49		
1/4		1/4		1/4		1/4	4,815.92	1/4	4,480.33	1/4	4,123.28	1/4	3,756.97	1/4	3,390.66	1/4	3,024.34	1/4	2,657.85		
1/2		1/2		1/2		1/2	4,809.17	1/2	4,473.13	1/2	4,115.65	1/2	3,749.34	1/2	3,383.02	1/2	3,016.71	1/2	2,650.22		
3/4		3/4		3/4		3/4	4,802.39	3/4	4,465.90	3/4	4,108.02	3/4	3,741.70	3/4	3,375.39	3/4	3,009.08	3/4	2,642.58		
5		5		5		5	4,795.61	5	4,458.66	5	4,100.39	5	3,734.07	5	3,367.76	5	3,001.45	5	2,634.95		
1/4		1/4		1/4		1/4	4,788.83	1/4	4,451.43	1/4	4,092.75	1/4	3,726.44	1/4	3,360.13	1/4	2,993.82	1/4	2,627.31		
1/2		1/2		1/2		1/2	4,782.05	1/2	4,444.19	1/2	4,085.12	1/2	3,718.81	1/2	3,352.50	1/2	2,986.19	1/2	2,619.68		
3/4		3/4		3/4		3/4	4,775.23	3/4	4,436.92	3/4	4,077.49	3/4	3,711.18	3/4	3,344.87	3/4	2,978.55	3/4	2,612.04		
6		6		6		6	4,768.42	6	4,429.64	6	4,069.86	6	3,703.55	6	3,337.24	6	2,970.91	6	2,604.41		
1/4		1/4		1/4		1/4	4,761.60	1/4	4,422.37	1/4	4,062.23	1/4	3,695.92	1/4	3,329.60	1/4	2,963.28	1/4	2,596.77		
1/2		1/2		1/2		1/2	5,089.84	1/2	4,754.79	1/2	4,415.09	1/2	4,054.60	1/2	3,688.28	1/2	3,321.97	1/2	2,955.64	1/2	2,589.14
3/4		3/4		3/4		3/4	5,083.41	3/4	4,747.94	3/4	4,407.77	3/4	4,046.96	3/4	3,680.65	3/4	3,314.34	3/4	2,948.00	3/4	2,581.50
7		7		7		7	5,076.98	7	4,741.09	7	4,400.44	7	4,039.33	7	3,673.02	7	3,306.71	7	2,940.37	7	2,573.86
1/4		1/4		1/4		1/4	5,070.55	1/4	4,734.24	1/4	4,393.11	1/4	4,031.70	1/4	3,665.39	1/4	3,299.08	1/4	2,932.73	1/4	2,566.23
1/2		1/2		1/2		1/2	5,064.12	1/2	4,727.39	1/2	4,385.79	1/2	4,024.07	1/2	3,657.76	1/2	3,291.45	1/2	2,925.10	1/2	2,558.59
3/4		3/4		3/4		3/4	5,056.74	3/4	4,720.48	3/4	4,378.42	3/4	4,016.44	3/4	3,650.13	3/4	3,283.81	3/4	2,917.46	3/4	2,550.96
8		8		8		8	5,049.36	8	4,713.57	8	4,371.05	8	4,008.81	8	3,642.50	8	3,276.18	8	2,909.83	8	2,543.32
1/4		1/4		1/4		1/4	5,041.97	1/4	4,706.65	1/4	4,363.69	1/4	4,001.18	1/4	3,634.86	1/4	3,268.55	1/4	2,902.19	1/4	2,535.69
1/2		1/2		1/2		1/2	5,034.59	1/2	4,699.74	1/2	4,356.32	1/2	3,993.54	1/2	3,627.23	1/2	3,260.92	1/2	2,894.56	1/2	2,528.05
3/4		3/4		3/4		3/4	5,027.01	3/4	4,692.78	3/4	4,348.92	3/4	3,985.91	3/4	3,619.60	3/4	3,253.29	3/4	2,886.92	3/4	2,520.42
9		9		9		9	5,019.44	9	4,685.83	9	4,341.52	9	3,978.28	9	3,611.97	9	3,245.66	9	2,879.28	9	2,512.78
1/4		1/4		1/4		1/4	5,011.86	1/4	4,678.87	1/4	4,334.12	1/4	3,970.65	1/4	3,604.34	1/4	3,238.03	1/4	2,871.65	1/4	2,505.14
1/2		1/2		1/2		1/2	5,004.29	1/2	4,671.92	1/2	4,326.72	1/2	3,963.02	1/2	3,596.71	1/2	3,230.39	1/2	2,864.01	1/2	2,497.51
3/4		3/4		3/4		3/4	4,996.72	3/4	4,664.92	3/4	4,319.29	3/4	3,955.39	3/4	3,589.07	3/4	3,222.76	3/4	2,856.38	3/4	2,489.87
10		10		10		10	4,989.14	10	4,657.92	10	4,311.86	10	3,947.76	10	3,581.44	10	3,215.13	10	2,848.74	10	2,482.24
1/4		1/4		1/4		1/4	4,981.57	1/4	4,650.93	1/4	4,304.42	1/4	3,940.12	1/4	3,573.81	1/4	3,207.50	1/4	2,841.11	1/4	2,474.60
1/2		1/2		1/2		1/2	4,973.99	1/2	4,643.93	1/2	4,296.99	1/2	3,932.49	1/2	3,566.18	1/2	3,199.87	1/2	2,833.47	1/2	2,466.97
3/4		3/4		3/4		3/4	4,966.42	3/4	4,636.90	3/4	4,289.52	3/4	3,924.86	3/4	3,558.55	3/4	3,192.24	3/4	2,825.84	3/4	2,459.33
11		11		11		11	4,958.85	11	4,629.87	11	4,282.05	11	3,917.23	11	3,550.92	11	3,184.61	11	2,818.20	11	2,451.70
1/4		1/4		1/4		1/4	4,951.27	1/4	4,622.83	1/4	4,274.59	1/4	3,909.60	1/4	3,543.29	1/4	3,176.97	1/4	2,810.56	1/4	2,444.06
1/2		1/2		1/2		1/2	4,943.70	1/2	4,615.80	1/2	4,267.12	1/2	3,901.97	1/2	3,535.65	1/2	3,169.34	1/2	2,802.93	1/2	2,436.43
3/4		3/4		3/4		3/4	4,936.84	3/4	4,608.73	3/4	4,259.61	3/4	3,894.33	3/4	3,528.02	3/4	3,161.71	3/4	2,795.29	3/4	2,428.79

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC CLOSED GAUGING DEVICE"  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "KIRBY 27729"

## 1 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 326"

GAUGE HEIGHT 16'-09 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	2,421.15	0	2,054.65	0	1,694.30	0	1,327.72	0	961.32	0	595.07	0	247.81	0		0		0	
1/4	2,413.52	1/4	2,047.01	1/4	1,686.66	1/4	1,320.08	1/4	953.69	1/4	587.43	1/4	241.08	1/4	1/4	1/4		1/4	
1/2	2,405.88	1/2	2,039.38	1/2	1,679.03	1/2	1,312.45	1/2	946.07	1/2	579.79	1/2	234.36	1/2	1/2	1/2		1/2	
3/4	2,398.25	3/4	2,032.29	3/4	1,671.39	3/4	1,304.81	3/4	938.45	3/4	572.17	3/4	227.72	3/4	3/4	3/4		3/4	
1	2,390.61	1	2,025.19	1	1,663.75	1	1,297.17	1	930.82	1	564.55	1	221.08	1	1	1		1	
1/4	2,382.98	1/4	2,018.10	1/4	1,656.11	1/4	1,289.53	1/4	923.20	1/4	556.92	1/4	214.44	1/4	1/4	1/4		1/4	
1/2	2,375.34	1/2	2,011.00	1/2	1,648.48	1/2	1,281.90	1/2	915.58	1/2	549.30	1/2	207.80	1/2	1/2	1/2		1/2	
3/4	2,367.71	3/4	2,004.09	3/4	1,640.84	3/4	1,274.26	3/4	907.96	3/4	541.72	3/4	201.25	3/4	3/4	3/4		3/4	
2	2,360.07	2	1,997.18	2	1,633.20	2	1,266.62	2	900.33	2	534.14	2	194.70	2	2	2		2	
1/4	2,352.43	1/4	1,990.26	1/4	1,625.57	1/4	1,258.99	1/4	892.71	1/4	526.57	1/4	188.15	1/4	1/4	1/4		1/4	
1/2	2,344.80	1/2	1,983.35	1/2	1,617.93	1/2	1,251.35	1/2	885.09	1/2	518.99	1/2	181.59	1/2	1/2	1/2		1/2	
3/4	2,337.16	3/4	1,975.92	3/4	1,610.29	3/4	1,243.71	3/4	877.46	3/4	511.48	3/4	175.13	3/4	3/4	3/4		3/4	
3	2,329.53	3	1,968.49	3	1,602.66	3	1,236.07	3	869.84	3	503.98	3	168.66	3	3	3		3	
1/4	2,321.89	1/4	1,961.06	1/4	1,595.02	1/4	1,228.44	1/4	862.22	1/4	496.47	1/4	162.20	1/4	1/4	1/4		1/4	
1/2	2,314.26	1/2	1,953.63	1/2	1,587.38	1/2	1,220.80	1/2	854.59	1/2	488.97	1/2	155.73	1/2	1/2	1/2		1/2	
3/4	2,306.62	3/4	1,946.03	3/4	1,579.74	3/4	1,213.16	3/4	846.97	3/4	481.55	3/4	149.36	3/4	3/4	3/4		3/4	
4	2,298.99	4	1,938.43	4	1,572.11	4	1,205.53	4	839.35	4	474.13	4	142.98	4	4	4		4	
1/4	2,291.35	1/4	1,930.83	1/4	1,564.47	1/4	1,197.89	1/4	831.72	1/4	466.71	1/4	136.60	1/4	1/4	1/4		1/4	
1/2	2,283.72	1/2	1,923.23	1/2	1,556.83	1/2	1,190.25	1/2	824.10	1/2	459.29	1/2	130.22	1/2	1/2	1/2		1/2	
3/4	2,276.08	3/4	1,915.63	3/4	1,549.20	3/4	1,182.61	3/4	816.48	3/4	451.96	3/4	123.93	3/4	3/4	3/4		3/4	
5	2,268.44	5	1,908.02	5	1,541.56	5	1,174.98	5	808.86	5	444.62	5	117.64	5	5	5		5	
1/4	2,260.81	1/4	1,900.42	1/4	1,533.92	1/4	1,167.34	1/4	801.23	1/4	437.29	1/4	111.35	1/4	1/4	1/4		1/4	
1/2	2,253.17	1/2	1,892.82	1/2	1,526.28	1/2	1,159.70	1/2	793.61	1/2	429.96	1/2	105.06	1/2	1/2	1/2		1/2	
3/4	2,245.54	3/4	1,885.20	3/4	1,518.65	3/4	1,152.07	3/4	785.98	3/4	422.71	3/4	98.86	3/4	3/4	3/4		3/4	
6	2,237.90	6	1,877.57	6	1,511.01	6	1,144.43	6	778.34	6	415.47	6	92.67	6	6	6		6	
1/4	2,230.27	1/4	1,869.94	1/4	1,503.37	1/4	1,136.79	1/4	770.71	1/4	408.22	1/4	86.47	1/4	1/4	1/4		1/4	
1/2	2,222.63	1/2	1,862.32	1/2	1,495.74	1/2	1,129.15	1/2	763.08	1/2	400.97	1/2	80.28	1/2	1/2	1/2		1/2	
3/4	2,215.00	3/4	1,854.68	3/4	1,488.10	3/4	1,121.52	3/4	755.44	3/4	393.81	3/4	74.19	3/4	3/4	3/4		3/4	
7	2,207.36	7	1,847.04	7	1,480.46	7	1,113.88	7	747.80	7	386.65	7	68.10	7	7	7		7	
1/4	2,199.72	1/4	1,839.41	1/4	1,472.82	1/4	1,106.24	1/4	740.16	1/4	379.49	1/4	62.02	1/4	1/4	1/4		1/4	
1/2	2,192.09	1/2	1,831.77	1/2	1,465.19	1/2	1,098.61	1/2	732.53	1/2	372.34	1/2	55.93	1/2	1/2	1/2		1/2	
3/4	2,184.45	3/4	1,824.13	3/4	1,457.55	3/4	1,090.97	3/4	724.89	3/4	365.26	3/4	50.62	3/4	3/4	3/4		3/4	
8	2,176.82	8	1,816.49	8	1,449.91	8	1,083.34	8	717.25	8	358.19	8	45.32	8	8	8		8	
1/4	2,169.18	1/4	1,808.86	1/4	1,442.28	1/4	1,075.71	1/4	709.62	1/4	351.12	1/4	40.02	1/4	1/4	1/4		1/4	
1/2	2,161.55	1/2	1,801.22	1/2	1,434.64	1/2	1,068.08	1/2	701.98	1/2	344.04	1/2	34.71	1/2	1/2	1/2		1/2	
3/4	2,153.91	3/4	1,793.58	3/4	1,427.00	3/4	1,060.45	3/4	694.34	3/4	337.06	3/4	30.82	3/4	3/4	3/4		3/4	
9	2,146.28	9	1,785.95	9	1,419.36	9	1,052.82	9	686.71	9	330.07	9	26.93	9	9	9		9	
1/4	2,138.64	1/4	1,778.31	1/4	1,411.73	1/4	1,045.19	1/4	679.07	1/4	323.09	1/4	23.04	1/4	1/4	1/4		1/4	
1/2	2,131.01	1/2	1,770.67	1/2	1,404.09	1/2	1,037.56	1/2	671.43	1/2	316.10	1/2	19.14	1/2	1/2	1/2		1/2	
3/4	2,123.37	3/4	1,763.03	3/4	1,396.45	3/4	1,029.93	3/4	663.80	3/4	309.20	3/4		3/4	3/4	3/4		3/4	
10	2,115.73	10	1,755.40	10	1,388.82	10	1,022.31	10	656.16	10	302.30	10		10	10	10		10	
1/4	2,108.10	1/4	1,747.76	1/4	1,381.18	1/4	1,014.68	1/4	648.52	1/4	295.40	1/4		1/4	1/4	1/4		1/4	
1/2	2,100.46	1/2	1,740.12	1/2	1,373.54	1/2	1,007.06	1/2	640.89	1/2	288.51	1/2		1/2	1/2	1/2		1/2	
3/4	2,092.83	3/4	1,732.49	3/4	1,365.90	3/4	999.43	3/4	633.25	3/4	281.69	3/4		3/4	3/4	3/4		3/4	
11	2,085.19	11	1,724.85	11	1,358.27	11	991.81	11	625.61	11	274.88	11		11	11	11		11	
1/4	2,077.56	1/4	1,717.21	1/4	1,350.63	1/4	984.19	1/4	617.98	1/4	268.07	1/4		1/4	1/4	1/4		1/4	
1/2	2,069.92	1/2	1,709.57	1/2	1,342.99	1/2	976.56	1/2	610.34	1/2	261.26	1/2		1/2	1/2	1/2		1/2	
3/4	2,062.29	3/4	1,701.94	3/4	1,335.36	3/4	968.94	3/4	602.70	3/4	254.53	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/16/2014 CL  
RECALCULATED: 05/10/2019 SW  
VERIFIED: 04/10/2024

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2024

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



# BARGE "KIRBY 27729"

## 2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 326"

GAUGE HEIGHT 16'-10"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	4,687.74	0	4,380.37	0	4,053.40	0	3,710.94	0	3,367.38	0	3,023.83	0	2,680.19
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,681.31	1/4	4,373.75	1/4	4,046.36	1/4	3,703.78	1/4	3,360.23	1/4	3,016.67	1/4	2,673.03
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,674.89	1/2	4,367.12	1/2	4,039.32	1/2	3,696.62	1/2	3,353.07	1/2	3,009.51	1/2	2,665.86
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,668.46	3/4	4,360.50	3/4	4,032.28	3/4	3,689.47	3/4	3,345.91	3/4	3,002.36	3/4	2,658.70
1		1		1		1	4,662.03	1	4,353.87	1	4,025.24	1	3,682.31	1	3,338.75	1	2,995.20	1	2,651.54
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,655.81	1/4	4,347.21	1/4	4,018.16	1/4	3,675.15	1/4	3,331.60	1/4	2,988.04	1/4	2,644.38
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,649.58	1/2	4,340.56	1/2	4,011.09	1/2	3,667.99	1/2	3,324.44	1/2	2,980.88	1/2	2,637.22
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,643.36	3/4	4,333.90	3/4	4,004.01	3/4	3,660.84	3/4	3,317.28	3/4	2,973.73	3/4	2,630.06
2		2		2		2	4,637.13	2	4,327.24	2	3,996.94	2	3,653.68	2	3,310.12	2	2,966.57	2	2,622.90
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,630.88	1/4	4,320.55	1/4	3,989.83	1/4	3,646.52	1/4	3,302.97	1/4	2,959.41	1/4	2,615.73
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,624.62	1/2	4,313.86	1/2	3,982.73	1/2	3,639.36	1/2	3,295.81	1/2	2,952.25	1/2	2,608.57
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,618.37	3/4	4,307.18	3/4	3,975.62	3/4	3,632.21	3/4	3,288.65	3/4	2,945.10	3/4	2,601.41
3		3		3		3	4,612.12	3	4,300.49	3	3,968.51	3	3,625.05	3	3,281.49	3	2,937.94	3	2,594.25
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,605.82	1/4	4,293.77	1/4	3,961.38	1/4	3,617.89	1/4	3,274.34	1/4	2,930.78	1/4	2,587.09
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,599.53	1/2	4,287.05	1/2	3,954.24	1/2	3,610.73	1/2	3,267.18	1/2	2,923.62	1/2	2,579.93
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,593.24	3/4	4,280.33	3/4	3,947.10	3/4	3,603.58	3/4	3,260.02	3/4	2,916.47	3/4	2,572.76
4		4		4		4	4,586.95	4	4,273.61	4	3,939.96	4	3,596.42	4	3,252.86	4	2,909.31	4	2,565.60
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,580.63	1/4	4,266.85	1/4	3,932.81	1/4	3,589.26	1/4	3,245.71	1/4	2,902.15	1/4	2,558.44
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,574.30	1/2	4,260.10	1/2	3,925.65	1/2	3,582.11	1/2	3,238.55	1/2	2,894.99	1/2	2,551.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,567.98	3/4	4,253.35	3/4	3,918.50	3/4	3,574.95	3/4	3,231.39	3/4	2,887.84	3/4	2,544.12
5		5		5		5	4,561.65	5	4,246.60	5	3,911.35	5	3,567.79	5	3,224.24	5	2,880.68	5	2,536.96
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,555.30	1/4	4,239.81	1/4	3,904.19	1/4	3,560.63	1/4	3,217.08	1/4	2,873.52	1/4	2,529.80
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,548.94	1/2	4,233.03	1/2	3,897.03	1/2	3,553.48	1/2	3,209.92	1/2	2,866.37	1/2	2,522.63
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,542.59	3/4	4,226.25	3/4	3,889.87	3/4	3,546.32	3/4	3,202.76	3/4	2,859.21	3/4	2,515.47
6		6		6		6	4,536.23	6	4,219.46	6	3,882.72	6	3,539.16	6	3,195.61	6	2,852.05	6	2,508.31
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,529.84	1/4	4,212.64	1/4	3,875.56	1/4	3,532.00	1/4	3,188.45	1/4	2,844.89	1/4	2,501.15
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,523.45	1/2	4,205.82	1/2	3,868.40	1/2	3,524.85	1/2	3,181.29	1/2	2,837.73	1/2	2,493.99
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,517.07	3/4	4,199.00	3/4	3,861.24	3/4	3,517.69	3/4	3,174.13	3/4	2,830.58	3/4	2,486.83
7		7	4,824.74	7	4,510.68	7	4,192.18	7	3,854.09	7	3,510.53	7	3,166.98	7	2,823.42	7	2,479.67		
1/4	1/4	1/4	4,818.71	1/4	4,504.26	1/4	4,185.31	1/4	3,846.93	1/4	3,503.37	1/4	3,159.82	1/4	2,816.26	1/4	2,472.50		
1/2	1/2	1/2	4,812.69	1/2	4,497.84	1/2	4,178.43	1/2	3,839.77	1/2	3,496.22	1/2	3,152.66	1/2	2,809.09	1/2	2,465.34		
3/4	3/4	3/4	4,806.66	3/4	4,491.42	3/4	4,171.56	3/4	3,832.61	3/4	3,489.06	3/4	3,145.50	3/4	2,801.93	3/4	2,458.18		
8		8	4,800.63	8	4,485.00	8	4,164.69	8	3,825.46	8	3,481.90	8	3,138.35	8	2,794.77	8	2,451.02		
1/4	1/4	1/4	4,793.71	1/4	4,478.52	1/4	4,157.78	1/4	3,818.30	1/4	3,474.74	1/4	3,131.19	1/4	2,787.61	1/4	2,443.86		
1/2	1/2	1/2	4,786.79	1/2	4,472.04	1/2	4,150.88	1/2	3,811.14	1/2	3,467.59	1/2	3,124.03	1/2	2,780.45	1/2	2,436.70		
3/4	3/4	3/4	4,779.86	3/4	4,465.56	3/4	4,143.97	3/4	3,803.98	3/4	3,460.43	3/4	3,116.87	3/4	2,773.29	3/4	2,429.53		
9		9	4,772.94	9	4,459.08	9	4,137.06	9	3,796.83	9	3,453.27	9	3,109.72	9	2,766.13	9	2,422.37		
1/4	1/4	1/4	4,765.84	1/4	4,452.55	1/4	4,130.12	1/4	3,789.67	1/4	3,446.11	1/4	3,102.56	1/4	2,758.96	1/4	2,415.21		
1/2	1/2	1/2	4,758.74	1/2	4,446.03	1/2	4,123.18	1/2	3,782.51	1/2	3,438.96	1/2	3,095.40	1/2	2,751.80	1/2	2,408.05		
3/4	3/4	3/4	4,751.64	3/4	4,439.51	3/4	4,116.24	3/4	3,775.35	3/4	3,431.80	3/4	3,088.24	3/4	2,744.64	3/4	2,400.89		
10		10	4,744.54	10	4,432.99	10	4,109.30	10	3,768.20	10	3,424.64	10	3,081.09	10	2,737.48	10	2,393.73		
1/4	1/4	1/4	4,737.44	1/4	4,426.43	1/4	4,102.33	1/4	3,761.04	1/4	3,417.48	1/4	3,073.93	1/4	2,730.32	1/4	2,386.57		
1/2	1/2	1/2	4,730.34	1/2	4,419.87	1/2	4,095.36	1/2	3,753.88	1/2	3,410.33	1/2	3,066.77	1/2	2,723.16	1/2	2,379.40		
3/4	3/4	3/4	4,723.24	3/4	4,413.31	3/4	4,088.39	3/4	3,746.73	3/4	3,403.17	3/4	3,059.61	3/4	2,715.99	3/4	2,372.24		
11		11	4,716.14	11	4,406.75	11	4,081.41	11	3,739.57	11	3,396.01	11	3,052.46	11	2,708.83	11	2,365.08		
1/4	1/4	1/4	4,709.04	1/4	4,400.15	1/4	4,074.41	1/4	3,732.41	1/4	3,388.86	1/4	3,045.30	1/4	2,701.67	1/4	2,357.92		
1/2	1/2	1/2	4,701.94	1/2	4,393.56	1/2	4,067.41	1/2	3,725.25	1/2	3,381.70	1/2	3,038.14	1/2	2,694.51	1/2	2,350.76		
3/4	3/4	3/4	4,694.84	3/4	4,386.97	3/4	4,060.40	3/4	3,718.10	3/4	3,374.54	3/4	3,030.99	3/4	2,687.35	3/4	2,343.60		

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 40'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 27729"

## 2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 326"

GAUGE HEIGHT 16'-10"

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	2,336.44	0	1,992.68	0	1,654.73	0	1,310.92	0	973.86	0	637.66	0	293.85	0		0		0	
1/4	2,329.27	1/4	1,985.52	1/4	1,647.57	1/4	1,303.75	1/4	967.00	1/4	630.50	1/4	286.69	1/4	1/4		1/4		1/4
1/2	2,322.11	1/2	1,978.36	1/2	1,640.41	1/2	1,296.59	1/2	960.15	1/2	623.33	1/2	279.52	1/2	1/2		1/2		1/2
3/4	2,314.95	3/4	1,971.20	3/4	1,633.25	3/4	1,289.43	3/4	953.29	3/4	616.17	3/4	272.36	3/4	3/4		3/4		3/4
1	2,307.79	1	1,964.04	1	1,626.08	1	1,282.26	1	946.43	1	609.01	1	265.20	1	1		1		1
1/4	2,300.63	1/4	1,957.38	1/4	1,618.92	1/4	1,275.10	1/4	939.57	1/4	601.84	1/4	258.04	1/4	1/4		1/4		1/4
1/2	2,293.47	1/2	1,950.73	1/2	1,611.76	1/2	1,267.94	1/2	932.71	1/2	594.68	1/2	250.87	1/2	1/2		1/2		1/2
3/4	2,286.30	3/4	1,944.08	3/4	1,604.59	3/4	1,260.77	3/4	925.85	3/4	587.52	3/4	243.71	3/4	3/4		3/4		3/4
2	2,279.14	2	1,937.43	2	1,597.43	2	1,253.61	2	918.99	2	580.36	2	236.55	2	2		2		2
1/4	2,271.98	1/4	1,930.94	1/4	1,590.27	1/4	1,246.45	1/4	912.14	1/4	573.19	1/4	229.38	1/4	1/4		1/4		1/4
1/2	2,264.82	1/2	1,924.46	1/2	1,583.11	1/2	1,239.29	1/2	905.28	1/2	566.03	1/2	222.22	1/2	1/2		1/2		1/2
3/4	2,257.66	3/4	1,917.97	3/4	1,575.94	3/4	1,232.12	3/4	898.42	3/4	558.87	3/4	215.06	3/4	3/4		3/4		3/4
3	2,250.50	3	1,911.49	3	1,568.78	3	1,224.96	3	891.56	3	551.71	3	207.90	3	3		3		3
1/4	2,243.34	1/4	1,904.52	1/4	1,561.62	1/4	1,217.80	1/4	884.70	1/4	544.54	1/4	200.73	1/4	1/4		1/4		1/4
1/2	2,236.17	1/2	1,897.56	1/2	1,554.45	1/2	1,210.63	1/2	877.84	1/2	537.38	1/2	193.57	1/2	1/2		1/2		1/2
3/4	2,229.01	3/4	1,890.59	3/4	1,547.29	3/4	1,203.47	3/4	870.98	3/4	530.22	3/4	186.41	3/4	3/4		3/4		3/4
4	2,221.85	4	1,883.63	4	1,540.13	4	1,196.31	4	864.12	4	523.06	4	179.25	4	4		4		4
1/4	2,214.69	1/4	1,876.50	1/4	1,532.97	1/4	1,189.15	1/4	857.27	1/4	515.89	1/4	172.08	1/4	1/4		1/4		1/4
1/2	2,207.53	1/2	1,869.37	1/2	1,525.80	1/2	1,181.98	1/2	850.41	1/2	508.73	1/2	164.92	1/2	1/2		1/2		1/2
3/4	2,200.37	3/4	1,862.24	3/4	1,518.64	3/4	1,174.82	3/4	843.55	3/4	501.57	3/4	157.76	3/4	3/4		3/4		3/4
5	2,193.21	5	1,855.12	5	1,511.48	5	1,167.66	5	836.69	5	494.40	5	150.59	5	5		5		5
1/4	2,186.04	1/4	1,847.99	1/4	1,504.31	1/4	1,160.49	1/4	829.83	1/4	487.24	1/4	143.43	1/4	1/4		1/4		1/4
1/2	2,178.88	1/2	1,840.86	1/2	1,497.15	1/2	1,153.33	1/2	822.97	1/2	480.08	1/2	136.27	1/2	1/2		1/2		1/2
3/4	2,171.72	3/4	1,833.73	3/4	1,489.99	3/4	1,146.17	3/4	816.11	3/4	472.92	3/4	129.11	3/4	3/4		3/4		3/4
6	2,164.56	6	1,826.61	6	1,482.82	6	1,139.01	6	809.25	6	465.75	6	121.95	6	6		6		6
1/4	2,157.40	1/4	1,819.45	1/4	1,475.66	1/4	1,132.05	1/4	802.17	1/4	458.59	1/4	114.79	1/4	1/4		1/4		1/4
1/2	2,150.24	1/2	1,812.30	1/2	1,468.50	1/2	1,125.10	1/2	795.08	1/2	451.43	1/2	107.64	1/2	1/2		1/2		1/2
3/4	2,143.07	3/4	1,805.15	3/4	1,461.34	3/4	1,118.15	3/4	788.00	3/4	444.27	3/4	100.48	3/4	3/4		3/4		3/4
7	2,135.91	7	1,797.99	7	1,454.17	7	1,111.20	7	780.91	7	437.10	7	93.33	7	7		7		7
1/4	2,128.75	1/4	1,790.83	1/4	1,447.01	1/4	1,104.32	1/4	773.75	1/4	429.94	1/4	86.20	1/4	1/4		1/4		1/4
1/2	2,121.59	1/2	1,783.67	1/2	1,439.85	1/2	1,097.44	1/2	766.59	1/2	422.78	1/2	79.06	1/2	1/2		1/2		1/2
3/4	2,114.43	3/4	1,776.50	3/4	1,432.68	3/4	1,090.56	3/4	759.42	3/4	415.61	3/4	71.93	3/4	3/4		3/4		3/4
8	2,107.27	8	1,769.34	8	1,425.52	8	1,083.68	8	752.26	8	408.45	8	64.79	8	8		8		8
1/4	2,100.11	1/4	1,762.18	1/4	1,418.36	1/4	1,076.81	1/4	745.10	1/4	401.29	1/4	58.31	1/4	1/4		1/4		1/4
1/2	2,092.94	1/2	1,755.01	1/2	1,411.20	1/2	1,069.94	1/2	737.94	1/2	394.13	1/2	51.83	1/2	1/2		1/2		1/2
3/4	2,085.78	3/4	1,747.85	3/4	1,404.03	3/4	1,063.07	3/4	730.77	3/4	386.96	3/4	45.35	3/4	3/4		3/4		3/4
9	2,078.62	9	1,740.69	9	1,396.87	9	1,056.20	9	723.61	9	379.80	9	38.87	9	9		9		9
1/4	2,071.46	1/4	1,733.53	1/4	1,389.71	1/4	1,049.34	1/4	716.45	1/4	372.64	1/4	33.94	1/4	1/4		1/4		1/4
1/2	2,064.30	1/2	1,726.36	1/2	1,382.54	1/2	1,042.47	1/2	709.29	1/2	365.48	1/2	29.02	1/2	1/2		1/2		1/2
3/4	2,057.14	3/4	1,719.20	3/4	1,375.38	3/4	1,035.61	3/4	702.12	3/4	358.31	3/4	24.10	3/4	3/4		3/4		3/4
10	2,049.98	10	1,712.04	10	1,368.22	10	1,028.74	10	694.96	10	351.15	10	19.17	10	10		10		10
1/4	2,042.81	1/4	1,704.87	1/4	1,361.06	1/4	1,021.88	1/4	687.80	1/4	343.99	1/4		1/4	1/4		1/4		1/4
1/2	2,035.65	1/2	1,697.71	1/2	1,353.89	1/2	1,015.02	1/2	680.63	1/2	336.82	1/2		1/2	1/2		1/2		1/2
3/4	2,028.49	3/4	1,690.55	3/4	1,346.73	3/4	1,008.16	3/4	673.47	3/4	329.66	3/4		3/4	3/4		3/4		3/4
11	2,021.33	11	1,683.39	11	1,339.57	11	1,001.30	11	666.31	11	322.50	11		11	11		11		11
1/4	2,014.17	1/4	1,676.22	1/4	1,332.40	1/4	994.44	1/4	659.15	1/4	315.34	1/4		1/4	1/4		1/4		1/4
1/2	2,007.01	1/2	1,669.06	1/2	1,325.24	1/2	987.58	1/2	651.98	1/2	308.17	1/2		1/2	1/2		1/2		1/2
3/4	1,999.84	3/4	1,661.90	3/4	1,318.08	3/4	980.72	3/4	644.82	3/4	301.01	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/16/2014 CL  
RECALCULATED: 05/10/2019 SW  
VERIFIED: 04/10/2024

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2024

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



# BARGE "KIRBY 27729"

## 2 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 326"

GAUGE HEIGHT 16'-10"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	4,702.90	0	4,395.42	0	4,068.36	0	3,725.81	0	3,382.17	0	3,038.52	0	2,694.79
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,696.48	1/4	4,388.80	1/4	4,061.31	1/4	3,718.65	1/4	3,375.01	1/4	3,031.36	1/4	2,687.63
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,690.05	1/2	4,382.17	1/2	4,054.27	1/2	3,711.50	1/2	3,367.85	1/2	3,024.20	1/2	2,680.46
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,683.62	3/4	4,375.54	3/4	4,047.23	3/4	3,704.34	3/4	3,360.69	3/4	3,017.04	3/4	2,673.30
1	1	1	1	1	1	1	4,677.19	1	4,368.91	1	4,040.18	1	3,697.18	1	3,353.53	1	3,009.88	1	2,666.14
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,670.96	1/4	4,362.26	1/4	4,033.11	1/4	3,690.02	1/4	3,346.37	1/4	3,002.72	1/4	2,658.97
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,664.73	1/2	4,355.60	1/2	4,026.03	1/2	3,682.86	1/2	3,339.21	1/2	2,995.57	1/2	2,651.81
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,658.51	3/4	4,348.94	3/4	4,018.96	3/4	3,675.70	3/4	3,332.05	3/4	2,988.41	3/4	2,644.65
2	2	2	2	2	2	2	4,652.28	2	4,342.28	2	4,011.88	2	3,668.54	2	3,324.89	2	2,981.25	2	2,637.48
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,646.02	1/4	4,335.59	1/4	4,004.77	1/4	3,661.38	1/4	3,317.73	1/4	2,974.09	1/4	2,630.32
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,639.76	1/2	4,328.90	1/2	3,997.66	1/2	3,654.22	1/2	3,310.57	1/2	2,966.93	1/2	2,623.16
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,633.51	3/4	4,322.21	3/4	3,990.56	3/4	3,647.06	3/4	3,303.41	3/4	2,959.77	3/4	2,615.99
3	3	3	3	3	3	3	4,627.25	3	4,315.51	3	3,983.45	3	3,639.90	3	3,296.26	3	2,952.61	3	2,608.83
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,620.96	1/4	4,308.79	1/4	3,976.31	1/4	3,632.74	1/4	3,289.10	1/4	2,945.45	1/4	2,601.67
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,614.66	1/2	4,302.07	1/2	3,969.17	1/2	3,625.58	1/2	3,281.94	1/2	2,938.29	1/2	2,594.50
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,608.37	3/4	4,295.35	3/4	3,962.03	3/4	3,618.42	3/4	3,274.78	3/4	2,931.13	3/4	2,587.34
4	4	4	4	4	4	4	4,602.08	4	4,288.62	4	3,954.89	4	3,611.26	4	3,267.62	4	2,923.97	4	2,580.18
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,595.75	1/4	4,281.87	1/4	3,947.74	1/4	3,604.11	1/4	3,260.46	1/4	2,916.81	1/4	2,573.01
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,589.42	1/2	4,275.12	1/2	3,940.58	1/2	3,596.95	1/2	3,253.30	1/2	2,909.65	1/2	2,565.85
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,583.10	3/4	4,268.36	3/4	3,933.43	3/4	3,589.79	3/4	3,246.14	3/4	2,902.49	3/4	2,558.69
5	5	5	5	5	5	5	4,576.77	5	4,261.61	5	3,926.27	5	3,582.63	5	3,238.98	5	2,895.33	5	2,551.52
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,570.41	1/4	4,254.82	1/4	3,919.11	1/4	3,575.47	1/4	3,231.82	1/4	2,888.18	1/4	2,544.36
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,564.05	1/2	4,248.04	1/2	3,911.96	1/2	3,568.31	1/2	3,224.66	1/2	2,881.02	1/2	2,537.20
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,557.69	3/4	4,241.25	3/4	3,904.80	3/4	3,561.15	3/4	3,217.50	3/4	2,873.86	3/4	2,530.03
6	6	6	6	6	6	6	4,551.34	6	4,234.46	6	3,897.64	6	3,553.99	6	3,210.34	6	2,866.70	6	2,522.87
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,544.95	1/4	4,227.64	1/4	3,890.48	1/4	3,546.83	1/4	3,203.18	1/4	2,859.54	1/4	2,515.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,538.56	1/2	4,220.82	1/2	3,883.32	1/2	3,539.67	1/2	3,196.03	1/2	2,852.38	1/2	2,508.54
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,532.17	3/4	4,213.99	3/4	3,876.16	3/4	3,532.51	3/4	3,188.87	3/4	2,845.22	3/4	2,501.38
7	7	7	4,839.93	7	4,525.78	7	4,207.17	7	3,869.00	7	3,525.35	7	3,181.71	7	2,838.05	7	2,494.22		
1/4	1/4	1/4	4,833.90	1/4	4,519.35	1/4	4,200.30	1/4	3,861.84	1/4	3,518.19	1/4	3,174.55	1/4	2,830.89	1/4	2,487.05		
1/2	1/2	1/2	4,827.88	1/2	4,512.93	1/2	4,193.42	1/2	3,854.68	1/2	3,511.03	1/2	3,167.39	1/2	2,823.73	1/2	2,479.89		
3/4	3/4	3/4	4,821.85	3/4	4,506.51	3/4	4,186.55	3/4	3,847.52	3/4	3,503.88	3/4	3,160.23	3/4	2,816.56	3/4	2,472.73		
8	8	8	4,815.82	8	4,500.09	8	4,179.68	8	3,840.36	8	3,496.72	8	3,153.07	8	2,809.40	8	2,465.56		
1/4	1/4	1/4	4,808.90	1/4	4,493.61	1/4	4,172.77	1/4	3,833.20	1/4	3,489.56	1/4	3,145.91	1/4	2,802.24	1/4	2,458.40		
1/2	1/2	1/2	4,801.97	1/2	4,487.12	1/2	4,165.86	1/2	3,826.04	1/2	3,482.40	1/2	3,138.75	1/2	2,795.07	1/2	2,451.24		
3/4	3/4	3/4	4,795.05	3/4	4,480.64	3/4	4,158.95	3/4	3,818.88	3/4	3,475.24	3/4	3,131.59	3/4	2,787.91	3/4	2,444.07		
9	9	9	4,788.13	9	4,474.16	9	4,152.04	9	3,811.73	9	3,468.08	9	3,124.43	9	2,780.75	9	2,436.91		
1/4	1/4	1/4	4,781.03	1/4	4,467.63	1/4	4,145.10	1/4	3,804.57	1/4	3,460.92	1/4	3,117.27	1/4	2,773.58	1/4	2,429.75		
1/2	1/2	1/2	4,773.92	1/2	4,461.11	1/2	4,138.15	1/2	3,797.41	1/2	3,453.76	1/2	3,110.11	1/2	2,766.42	1/2	2,422.58		
3/4	3/4	3/4	4,766.82	3/4	4,454.58	3/4	4,131.21	3/4	3,790.25	3/4	3,446.60	3/4	3,102.95	3/4	2,759.26	3/4	2,415.42		
10	10	10	4,759.72	10	4,448.06	10	4,124.27	10	3,783.09	10	3,439.44	10	3,095.80	10	2,752.09	10	2,408.26		
1/4	1/4	1/4	4,752.62	1/4	4,441.50	1/4	4,117.30	1/4	3,775.93	1/4	3,432.28	1/4	3,088.64	1/4	2,744.93	1/4	2,401.09		
1/2	1/2	1/2	4,745.51	1/2	4,434.93	1/2	4,110.32	1/2	3,768.77	1/2	3,425.12	1/2	3,081.48	1/2	2,737.77	1/2	2,393.93		
3/4	3/4	3/4	4,738.41	3/4	4,428.37	3/4	4,103.35	3/4	3,761.61	3/4	3,417.96	3/4	3,074.32	3/4	2,730.60	3/4	2,386.77		
11	11	11	4,731.31	11	4,421.81	11	4,096.38	11	3,754.45	11	3,410.80	11	3,067.16	11	2,723.44	11	2,379.60		
1/4	1/4	1/4	4,724.21	1/4	4,415.21	1/4	4,089.37	1/4	3,747.29	1/4	3,403.65	1/4	3,060.00	1/4	2,716.28	1/4	2,372.44		
1/2	1/2	1/2	4,717.11	1/2	4,408.62	1/2	4,082.37	1/2	3,740.13	1/2	3,396.49	1/2	3,052.84	1/2	2,709.12	1/2	2,365.28		
3/4	3/4	3/4	4,710.01	3/4	4,402.02	3/4	4,075.36	3/4	3,732.97	3/4	3,389.33	3/4	3,045.68	3/4	2,701.95	3/4	2,358.11		

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 40'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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





# BARGE "KIRBY 27729"

## 2 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 326"

GAUGE HEIGHT 16'-10"

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	2,350.95	0	2,007.11	0	1,669.07	0	1,325.16	0	981.39	0	637.82	0	293.92	0		0		0	
1/4	2,343.79	1/4	1,999.95	1/4	1,661.90	1/4	1,318.00	1/4	974.24	1/4	630.65	1/4	286.76	1/4	1/4	1/4		1/4	
1/2	2,336.62	1/2	1,992.79	1/2	1,654.74	1/2	1,310.83	1/2	967.09	1/2	623.49	1/2	279.59	1/2	1/2	1/2		1/2	
3/4	2,329.46	3/4	1,985.62	3/4	1,647.58	3/4	1,303.67	3/4	959.94	3/4	616.32	3/4	272.43	3/4	3/4	3/4		3/4	
1	2,322.30	1	1,978.46	1	1,640.41	1	1,296.50	1	952.79	1	609.16	1	265.26	1	1	1		1	
1/4	2,315.13	1/4	1,971.80	1/4	1,633.25	1/4	1,289.34	1/4	945.64	1/4	602.00	1/4	258.10	1/4	1/4	1/4		1/4	
1/2	2,307.97	1/2	1,965.15	1/2	1,626.08	1/2	1,282.18	1/2	938.48	1/2	594.83	1/2	250.94	1/2	1/2	1/2		1/2	
3/4	2,300.81	3/4	1,958.49	3/4	1,618.92	3/4	1,275.01	3/4	931.33	3/4	587.67	3/4	243.77	3/4	3/4	3/4		3/4	
2	2,293.64	2	1,951.84	2	1,611.75	2	1,267.85	2	924.18	2	580.50	2	236.61	2	2	2		2	
1/4	2,286.48	1/4	1,945.35	1/4	1,604.59	1/4	1,260.68	1/4	917.03	1/4	573.34	1/4	229.44	1/4	1/4	1/4		1/4	
1/2	2,279.32	1/2	1,938.87	1/2	1,597.42	1/2	1,253.52	1/2	909.88	1/2	566.17	1/2	222.28	1/2	1/2	1/2		1/2	
3/4	2,272.15	3/4	1,932.38	3/4	1,590.26	3/4	1,246.35	3/4	902.72	3/4	559.01	3/4	215.11	3/4	3/4	3/4		3/4	
3	2,264.99	3	1,925.89	3	1,583.09	3	1,239.19	3	895.57	3	551.84	3	207.95	3	3	3		3	
1/4	2,257.83	1/4	1,918.93	1/4	1,575.93	1/4	1,232.02	1/4	888.42	1/4	544.68	1/4	200.78	1/4	1/4	1/4		1/4	
1/2	2,250.66	1/2	1,911.96	1/2	1,568.76	1/2	1,224.86	1/2	881.27	1/2	537.52	1/2	193.62	1/2	1/2	1/2		1/2	
3/4	2,243.50	3/4	1,904.99	3/4	1,561.60	3/4	1,217.69	3/4	874.12	3/4	530.35	3/4	186.45	3/4	3/4	3/4		3/4	
4	2,236.34	4	1,898.02	4	1,554.43	4	1,210.53	4	866.97	4	523.19	4	179.29	4	4	4		4	
1/4	2,229.17	1/4	1,890.89	1/4	1,547.27	1/4	1,203.36	1/4	859.81	1/4	516.02	1/4	172.13	1/4	1/4	1/4		1/4	
1/2	2,222.01	1/2	1,883.76	1/2	1,540.10	1/2	1,196.20	1/2	852.66	1/2	508.86	1/2	164.96	1/2	1/2	1/2		1/2	
3/4	2,214.85	3/4	1,876.63	3/4	1,532.94	3/4	1,189.03	3/4	845.51	3/4	501.69	3/4	157.80	3/4	3/4	3/4		3/4	
5	2,207.68	5	1,869.50	5	1,525.78	5	1,181.87	5	838.36	5	494.53	5	150.63	5	5	5		5	
1/4	2,200.52	1/4	1,862.37	1/4	1,518.61	1/4	1,174.70	1/4	831.21	1/4	487.36	1/4	143.47	1/4	1/4	1/4		1/4	
1/2	2,193.36	1/2	1,855.24	1/2	1,511.45	1/2	1,167.54	1/2	824.05	1/2	480.20	1/2	136.31	1/2	1/2	1/2		1/2	
3/4	2,186.19	3/4	1,848.12	3/4	1,504.28	3/4	1,160.38	3/4	816.90	3/4	473.03	3/4	129.14	3/4	3/4	3/4		3/4	
6	2,179.03	6	1,840.99	6	1,497.12	6	1,153.21	6	809.75	6	465.87	6	121.98	6	6	6		6	
1/4	2,171.87	1/4	1,833.83	1/4	1,489.95	1/4	1,146.05	1/4	802.59	1/4	458.71	1/4	114.82	1/4	1/4	1/4		1/4	
1/2	2,164.70	1/2	1,826.67	1/2	1,482.79	1/2	1,138.88	1/2	795.43	1/2	451.54	1/2	107.67	1/2	1/2	1/2		1/2	
3/4	2,157.54	3/4	1,819.52	3/4	1,475.62	3/4	1,131.72	3/4	788.27	3/4	444.38	3/4	100.51	3/4	3/4	3/4		3/4	
7	2,150.38	7	1,812.36	7	1,468.46	7	1,124.55	7	781.11	7	437.21	7	93.35	7	7	7		7	
1/4	2,143.21	1/4	1,805.20	1/4	1,461.29	1/4	1,117.39	1/4	773.94	1/4	430.05	1/4	86.22	1/4	1/4	1/4		1/4	
1/2	2,136.05	1/2	1,798.03	1/2	1,454.13	1/2	1,110.22	1/2	766.78	1/2	422.88	1/2	79.08	1/2	1/2	1/2		1/2	
3/4	2,128.89	3/4	1,790.87	3/4	1,446.96	3/4	1,103.06	3/4	759.61	3/4	415.72	3/4	71.94	3/4	3/4	3/4		3/4	
8	2,121.72	8	1,783.70	8	1,439.80	8	1,095.89	8	752.45	8	408.55	8	64.81	8	8	8		8	
1/4	2,114.56	1/4	1,776.54	1/4	1,432.63	1/4	1,088.73	1/4	745.29	1/4	401.39	1/4	58.33	1/4	1/4	1/4		1/4	
1/2	2,107.40	1/2	1,769.38	1/2	1,425.47	1/2	1,081.57	1/2	738.12	1/2	394.23	1/2	51.84	1/2	1/2	1/2		1/2	
3/4	2,100.23	3/4	1,762.21	3/4	1,418.30	3/4	1,074.41	3/4	730.96	3/4	387.06	3/4	45.36	3/4	3/4	3/4		3/4	
9	2,093.07	9	1,755.05	9	1,411.14	9	1,067.25	9	723.79	9	379.90	9	38.88	9	9	9		9	
1/4	2,085.91	1/4	1,747.88	1/4	1,403.98	1/4	1,060.09	1/4	716.63	1/4	372.73	1/4	33.95	1/4	1/4	1/4		1/4	
1/2	2,078.74	1/2	1,740.72	1/2	1,396.81	1/2	1,052.93	1/2	709.46	1/2	365.57	1/2	29.03	1/2	1/2	1/2		1/2	
3/4	2,071.58	3/4	1,733.55	3/4	1,389.65	3/4	1,045.77	3/4	702.30	3/4	358.40	3/4	24.10	3/4	3/4	3/4		3/4	
10	2,064.42	10	1,726.39	10	1,382.48	10	1,038.61	10	695.13	10	351.24	10	19.17	10	10	10		10	
1/4	2,057.25	1/4	1,719.22	1/4	1,375.32	1/4	1,031.46	1/4	687.97	1/4	344.07	1/4		1/4	1/4	1/4		1/4	
1/2	2,050.09	1/2	1,712.06	1/2	1,368.15	1/2	1,024.31	1/2	680.81	1/2	336.91	1/2		1/2	1/2	1/2		1/2	
3/4	2,042.93	3/4	1,704.89	3/4	1,360.99	3/4	1,017.15	3/4	673.64	3/4	329.74	3/4		3/4	3/4	3/4		3/4	
11	2,035.76	11	1,697.73	11	1,353.82	11	1,010.00	11	666.48	11	322.58	11		11	11	11		11	
1/4	2,028.60	1/4	1,690.56	1/4	1,346.66	1/4	1,002.85	1/4	659.31	1/4	315.42	1/4		1/4	1/4	1/4		1/4	
1/2	2,021.44	1/2	1,683.40	1/2	1,339.49	1/2	995.70	1/2	652.15	1/2	308.25	1/2		1/2	1/2	1/2		1/2	
3/4	2,014.27	3/4	1,676.23	3/4	1,332.33	3/4	988.55	3/4	644.98	3/4	301.09	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/16/2014 CL  
RECALCULATED: 05/10/2019 SW  
VERIFIED: 04/10/2024

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2024

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



# BARGE "KIRBY 27729"

## 3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 326"

GAUGE HEIGHT 16'-08 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,327.75	0	4,152.36	0	3,965.16	0	3,769.96	0	3,525.62	0	3,162.85	0	2,799.43
1/4		1/4		1/4		1/4	4,324.22	1/4	4,148.58	1/4	3,961.13	1/4	3,765.89	1/4	3,518.07	1/4	3,155.28	1/4	2,791.86
1/2		1/2		1/2		1/2	4,320.68	1/2	4,144.79	1/2	3,957.10	1/2	3,761.82	1/2	3,515.52	1/2	3,147.71	1/2	2,784.29
3/4		3/4		3/4		3/4	4,317.15	3/4	4,141.00	3/4	3,953.08	3/4	3,757.74	3/4	3,502.97	3/4	3,140.14	3/4	2,776.71
1		1		1		1	4,137.59	1	4,127.20	1	3,949.03	1	3,753.67	1	3,495.42	1	3,132.57	1	2,769.14
1/4		1/4		1/4		1/4	4,310.04	1/4	4,133.39	1/4	3,944.99	1/4	3,749.60	1/4	3,487.87	1/4	3,125.00	1/4	2,761.57
1/2		1/2		1/2		1/2	4,306.49	1/2	4,129.59	1/2	3,940.95	1/2	3,745.52	1/2	3,480.32	1/2	3,117.43	1/2	2,754.00
3/4		3/4		3/4		3/4	4,302.93	3/4	4,125.79	3/4	3,936.90	3/4	3,741.45	3/4	3,472.77	3/4	3,109.86	3/4	2,746.43
2		2		2		2	4,299.36	2	4,121.96	2	3,932.84	2	3,737.38	2	3,465.22	2	3,102.29	2	2,738.85
1/4		1/4		1/4		1/4	4,295.79	1/4	4,118.14	1/4	3,928.78	1/4	3,733.30	1/4	3,457.68	1/4	3,094.72	1/4	2,731.28
1/2		1/2		1/2		1/2	4,292.21	1/2	4,114.32	1/2	3,924.72	1/2	3,729.23	1/2	3,450.13	1/2	3,087.15	1/2	2,723.71
3/4		3/4		3/4		3/4	4,288.64	3/4	4,110.50	3/4	3,920.66	3/4	3,725.16	3/4	3,442.58	3/4	3,079.58	3/4	2,716.14
3		3		3		3	4,285.05	3	4,106.66	3	3,916.58	3	3,721.08	3	3,435.03	3	3,072.01	3	2,708.56
1/4		1/4		1/4		1/4	4,281.46	1/4	4,102.82	1/4	3,912.51	1/4	3,717.01	1/4	3,427.48	1/4	3,064.44	1/4	2,700.99
1/2		1/2		1/2		1/2	4,277.86	1/2	4,098.98	1/2	3,908.44	1/2	3,712.94	1/2	3,419.93	1/2	3,056.88	1/2	2,693.42
3/4		3/4		3/4		3/4	4,274.27	3/4	4,095.13	3/4	3,904.37	3/4	3,708.87	3/4	3,412.38	3/4	3,049.31	3/4	2,685.85
4		4		4		4	4,270.66	4	4,091.28	4	3,900.30	4	3,704.79	4	3,404.83	4	3,041.74	4	2,678.27
1/4		1/4		1/4		1/4	4,267.05	1/4	4,087.42	1/4	3,896.23	1/4	3,700.72	1/4	3,397.28	1/4	3,034.17	1/4	2,670.70
1/2		1/2		1/2		1/2	4,263.44	1/2	4,083.56	1/2	3,892.15	1/2	3,696.65	1/2	3,389.73	1/2	3,026.60	1/2	2,663.13
3/4		3/4		3/4		3/4	4,259.83	3/4	4,079.70	3/4	3,888.08	3/4	3,692.57	3/4	3,382.19	3/4	3,019.03	3/4	2,655.56
5		5		5		5	4,256.20	5	4,075.82	5	3,884.01	5	3,688.50	5	3,374.64	5	3,011.46	5	2,647.98
1/4		1/4		1/4		1/4	4,252.57	1/4	4,071.94	1/4	3,879.94	1/4	3,684.43	1/4	3,367.09	1/4	3,003.88	1/4	2,640.40
1/2		1/2		1/2		1/2	4,248.94	1/2	4,068.06	1/2	3,875.86	1/2	3,680.35	1/2	3,359.54	1/2	2,996.31	1/2	2,632.82
3/4		3/4		3/4		3/4	4,245.31	3/4	4,064.18	3/4	3,871.79	3/4	3,676.28	3/4	3,351.99	3/4	2,988.74	3/4	2,625.24
6		6		6	4,421.27	6	4,241.67	6	4,060.27	6	3,867.72	6	3,672.21	6	3,344.44	6	2,981.17	6	2,617.67
1/4		1/4		1/4	4,415.48	1/4	4,238.02	1/4	4,056.36	1/4	3,863.64	1/4	3,668.13	1/4	3,336.89	1/4	2,973.60	1/4	2,610.09
1/2		1/2		1/2	4,412.58	1/2	4,234.37	1/2	4,052.45	1/2	3,859.57	1/2	3,664.06	1/2	3,329.34	1/2	2,966.02	1/2	2,602.51
3/4		3/4		3/4	4,409.69	3/4	4,230.73	3/4	4,048.54	3/4	3,855.50	3/4	3,659.99	3/4	3,321.79	3/4	2,958.45	3/4	2,594.93
7		7		7	4,405.84	7	4,227.04	7	4,044.61	7	3,851.42	7	3,655.91	7	3,314.23	7	2,950.88	7	2,587.35
1/4		1/4		1/4	4,401.99	1/4	4,223.36	1/4	4,040.68	1/4	3,847.35	1/4	3,651.84	1/4	3,306.66	1/4	2,943.31	1/4	2,579.77
1/2		1/2		1/2	4,398.15	1/2	4,219.67	1/2	4,036.75	1/2	3,843.28	1/2	3,647.77	1/2	3,299.10	1/2	2,935.74	1/2	2,572.19
3/4		3/4		3/4	4,394.30	3/4	4,215.99	3/4	4,032.82	3/4	3,839.20	3/4	3,643.70	3/4	3,291.54	3/4	2,928.16	3/4	2,564.61
8		8		8	4,390.27	8	4,212.28	8	4,028.87	8	3,835.13	8	3,638.30	8	3,283.97	8	2,920.59	8	2,557.03
1/4		1/4		1/4	4,386.23	1/4	4,208.57	1/4	4,024.92	1/4	3,831.06	1/4	3,632.91	1/4	3,276.40	1/4	2,913.02	1/4	2,549.45
1/2		1/2		1/2	4,382.20	1/2	4,204.86	1/2	4,020.97	1/2	3,826.99	1/2	3,627.52	1/2	3,268.83	1/2	2,905.45	1/2	2,541.87
3/4		3/4		3/4	4,378.17	3/4	4,201.15	3/4	4,017.02	3/4	3,822.91	3/4	3,622.13	3/4	3,261.26	3/4	2,897.87	3/4	2,534.29
9		9		9	4,374.13	9	4,197.42	9	4,013.05	9	3,818.84	9	3,615.00	9	3,253.69	9	2,890.30	9	2,526.74
1/4		1/4		1/4	4,370.10	1/4	4,193.69	1/4	4,009.08	1/4	3,814.77	1/4	3,607.87	1/4	3,246.12	1/4	2,882.73	1/4	2,519.19
1/2		1/2		1/2	4,366.06	1/2	4,189.96	1/2	4,005.12	1/2	3,810.69	1/2	3,600.74	1/2	3,238.55	1/2	2,875.16	1/2	2,511.64
3/4		3/4		3/4	4,362.03	3/4	4,186.22	3/4	4,001.15	3/4	3,806.62	3/4	3,593.61	3/4	3,230.98	3/4	2,867.58	3/4	2,504.09
10		10		10	4,358.00	10	4,182.47	10	3,997.16	10	3,802.55	10	3,586.05	10	3,223.41	10	2,860.01	10	2,496.54
1/4		1/4		1/4	4,353.96	1/4	4,178.72	1/4	3,993.18	1/4	3,798.47	1/4	3,578.49	1/4	3,215.84	1/4	2,852.44	1/4	2,489.00
1/2		1/2		1/2	4,349.93	1/2	4,174.97	1/2	3,989.19	1/2	3,794.40	1/2	3,570.93	1/2	3,208.27	1/2	2,844.87	1/2	2,481.46
3/4		3/4		3/4	4,345.89	3/4	4,171.22	3/4	3,985.21	3/4	3,790.33	3/4	3,563.37	3/4	3,200.70	3/4	2,837.29	3/4	2,473.92
11		11		11	4,342.24	11	4,167.45	11	3,981.20	11	3,786.25	11	3,555.82	11	3,193.13	11	2,829.72	11	2,466.38
1/4		1/4		1/4	4,338.59	1/4	4,163.69	1/4	3,977.20	1/4	3,782.18	1/4	3,548.27	1/4	3,185.56	1/4	2,822.15	1/4	2,458.84
1/2		1/2		1/2	4,334.94	1/2	4,159.92	1/2	3,973.19	1/2	3,778.11	1/2	3,540.72	1/2	3,177.99	1/2	2,814.58	1/2	2,451.30
3/4		3/4		3/4	4,331.29	3/4	4,156.15	3/4	3,969.18	3/4	3,774.03	3/4	3,533.17	3/4	3,170.42	3/4	2,807.00	3/4	2,443.76

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 CLOSED GAUGING DEVICE"

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 27729"

## 3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 326"

GAUGE HEIGHT 16'-08 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	2,436.21	0	2,075.46	0	1,718.47	0	1,354.57	0	996.89	0	637.47	0	273.41	0		0		0	
1/4	2,428.67	1/4	2,068.48	1/4	1,710.89	1/4	1,346.99	1/4	989.54	1/4	629.89	1/4	265.83	1/4	1/4	1/4		1/4	
1/2	2,421.13	1/2	2,061.50	1/2	1,703.30	1/2	1,339.41	1/2	982.19	1/2	622.30	1/2	258.24	1/2	1/2	1/2		1/2	
3/4	2,413.59	3/4	2,054.52	3/4	1,695.72	3/4	1,331.83	3/4	974.83	3/4	614.71	3/4	250.66	3/4	3/4	3/4		3/4	
1	2,406.05	1	2,047.72	1	1,688.14	1	1,324.24	1	967.48	1	607.13	1	243.07	1	1	1		1	
1/4	2,398.51	1/4	2,040.93	1/4	1,680.56	1/4	1,316.66	1/4	960.13	1/4	599.54	1/4	235.49	1/4	1/4	1/4		1/4	
1/2	2,390.97	1/2	2,034.13	1/2	1,672.98	1/2	1,309.08	1/2	952.78	1/2	591.96	1/2	227.90	1/2	1/2	1/2		1/2	
3/4	2,383.43	3/4	2,027.33	3/4	1,665.40	3/4	1,301.50	3/4	945.43	3/4	584.37	3/4	220.32	3/4	3/4	3/4		3/4	
2	2,375.89	2	2,020.02	2	1,657.82	2	1,293.92	2	938.08	2	576.79	2	212.73	2	2	2		2	
1/4	2,368.34	1/4	2,012.70	1/4	1,650.24	1/4	1,286.34	1/4	930.73	1/4	569.20	1/4	205.15	1/4	1/4	1/4		1/4	
1/2	2,360.80	1/2	2,005.39	1/2	1,642.65	1/2	1,278.76	1/2	923.37	1/2	561.62	1/2	197.56	1/2	1/2	1/2		1/2	
3/4	2,353.26	3/4	1,998.08	3/4	1,635.07	3/4	1,271.18	3/4	916.02	3/4	554.03	3/4	189.98	3/4	3/4	3/4		3/4	
3	2,345.72	3	1,990.60	3	1,627.49	3	1,263.59	3	908.67	3	546.45	3	182.39	3	3	3		3	
1/4	2,338.18	1/4	1,983.12	1/4	1,619.91	1/4	1,256.01	1/4	901.32	1/4	538.86	1/4	174.81	1/4	1/4	1/4		1/4	
1/2	2,330.64	1/2	1,975.63	1/2	1,612.33	1/2	1,248.43	1/2	893.97	1/2	531.28	1/2	167.22	1/2	1/2	1/2		1/2	
3/4	2,323.10	3/4	1,968.15	3/4	1,604.75	3/4	1,240.85	3/4	886.62	3/4	523.69	3/4	159.63	3/4	3/4	3/4		3/4	
4	2,315.56	4	1,960.67	4	1,597.17	4	1,233.27	4	879.26	4	516.10	4	152.05	4	4	4		4	
1/4	2,308.01	1/4	1,953.18	1/4	1,589.59	1/4	1,225.69	1/4	871.91	1/4	508.52	1/4	144.46	1/4	1/4	1/4		1/4	
1/2	2,300.47	1/2	1,945.70	1/2	1,582.00	1/2	1,218.11	1/2	864.56	1/2	500.93	1/2	136.88	1/2	1/2	1/2		1/2	
3/4	2,292.93	3/4	1,938.22	3/4	1,574.42	3/4	1,210.53	3/4	857.21	3/4	493.35	3/4	129.29	3/4	3/4	3/4		3/4	
5	2,285.41	5	1,930.66	5	1,566.84	5	1,203.10	5	849.68	5	485.76	5	121.71	5	5	5		5	
1/4	2,277.89	1/4	1,923.11	1/4	1,559.26	1/4	1,195.68	1/4	842.16	1/4	478.18	1/4	114.13	1/4	1/4	1/4		1/4	
1/2	2,270.36	1/2	1,915.55	1/2	1,551.68	1/2	1,188.26	1/2	834.63	1/2	470.60	1/2	106.54	1/2	1/2	1/2		1/2	
3/4	2,262.84	3/4	1,908.00	3/4	1,544.10	3/4	1,180.83	3/4	827.11	3/4	463.01	3/4	98.96	3/4	3/4	3/4		3/4	
6	2,255.32	6	1,900.42	6	1,536.52	6	1,173.46	6	819.52	6	455.43	6	91.40	6	6	6		6	
1/4	2,247.81	1/4	1,892.83	1/4	1,528.94	1/4	1,166.09	1/4	811.94	1/4	447.84	1/4	83.83	1/4	1/4	1/4		1/4	
1/2	2,240.29	1/2	1,885.25	1/2	1,521.36	1/2	1,158.72	1/2	804.35	1/2	440.26	1/2	76.26	1/2	1/2	1/2		1/2	
3/4	2,232.77	3/4	1,877.67	3/4	1,513.77	3/4	1,151.35	3/4	796.76	3/4	432.67	3/4	68.70	3/4	3/4	3/4		3/4	
7	2,225.26	7	1,870.09	7	1,506.19	7	1,143.99	7	789.18	7	425.09	7	61.82	7	7	7		7	
1/4	2,217.74	1/4	1,862.51	1/4	1,498.61	1/4	1,136.62	1/4	781.59	1/4	417.51	1/4	54.95	1/4	1/4	1/4		1/4	
1/2	2,210.22	1/2	1,854.93	1/2	1,491.03	1/2	1,129.26	1/2	774.01	1/2	409.92	1/2	48.08	1/2	1/2	1/2		1/2	
3/4	2,202.70	3/4	1,847.35	3/4	1,483.45	3/4	1,121.90	3/4	766.42	3/4	402.34	3/4	41.20	3/4	3/4	3/4		3/4	
8	2,195.19	8	1,839.77	8	1,475.87	8	1,114.54	8	758.84	8	394.75	8	35.98	8	8	8		8	
1/4	2,187.67	1/4	1,832.18	1/4	1,468.29	1/4	1,107.18	1/4	751.25	1/4	387.17	1/4	30.76	1/4	1/4	1/4		1/4	
1/2	2,180.15	1/2	1,824.60	1/2	1,460.71	1/2	1,099.82	1/2	743.67	1/2	379.59	1/2	25.53	1/2	1/2	1/2		1/2	
3/4	2,172.64	3/4	1,817.02	3/4	1,453.12	3/4	1,092.47	3/4	736.08	3/4	372.00	3/4	20.31	3/4	3/4	3/4		3/4	
9	2,165.12	9	1,809.44	9	1,445.54	9	1,085.11	9	728.50	9	364.42	9		9	9	9		9	
1/4	2,157.60	1/4	1,801.86	1/4	1,437.96	1/4	1,077.76	1/4	720.91	1/4	356.83	1/4		1/4	1/4	1/4		1/4	
1/2	2,150.09	1/2	1,794.28	1/2	1,430.38	1/2	1,070.41	1/2	713.32	1/2	349.25	1/2		1/2	1/2	1/2		1/2	
3/4	2,142.57	3/4	1,786.70	3/4	1,422.80	3/4	1,063.05	3/4	705.74	3/4	341.67	3/4		3/4	3/4	3/4		3/4	
10	2,135.05	10	1,779.12	10	1,415.22	10	1,055.70	10	698.15	10	334.08	10		10	10	10		10	
1/4	2,127.54	1/4	1,771.53	1/4	1,407.64	1/4	1,048.35	1/4	690.57	1/4	326.50	1/4		1/4	1/4	1/4		1/4	
1/2	2,120.02	1/2	1,763.95	1/2	1,400.06	1/2	1,041.00	1/2	682.98	1/2	318.91	1/2		1/2	1/2	1/2		1/2	
3/4	2,112.50	3/4	1,756.37	3/4	1,392.47	3/4	1,033.65	3/4	675.40	3/4	311.33	3/4		3/4	3/4	3/4		3/4	
11	2,104.99	11	1,748.79	11	1,384.89	11	1,026.29	11	667.81	11	303.75	11		11	11	11		11	
1/4	2,097.47	1/4	1,741.21	1/4	1,377.31	1/4	1,018.94	1/4	660.23	1/4	296.16	1/4		1/4	1/4	1/4		1/4	
1/2	2,089.95	1/2	1,733.63	1/2	1,369.73	1/2	1,011.59	1/2	652.64	1/2	288.58	1/2		1/2	1/2	1/2		1/2	
3/4	2,082.44	3/4	1,726.05	3/4	1,362.15	3/4	1,004.24	3/4	645.06	3/4	280.99	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/16/2014 CL  
RECALCULATED: 05/10/2019 SW  
VERIFIED: 04/10/2024

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2024

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



# BARGE "KIRBY 27729"

## 3 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 326"

GAUGE HEIGHT 16'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,343.60	0	4,168.20	0	3,980.99	0	3,785.98	0	3,538.24	0	3,174.80	0	2,810.73
1/4		1/4		1/4		1/4	4,340.07	1/4	4,164.42	1/4	3,976.97	1/4	3,781.91	1/4	3,530.68	1/4	3,167.22	1/4	2,803.14
1/2		1/2		1/2		1/2	4,336.54	1/2	4,160.64	1/2	3,972.95	1/2	3,777.84	1/2	3,523.12	1/2	3,159.64	1/2	2,795.56
3/4		3/4		3/4		3/4	4,332.99	3/4	4,156.84	3/4	3,968.91	3/4	3,773.77	3/4	3,515.55	3/4	3,152.05	3/4	2,787.97
1		1		1		1	4,329.45	1	4,153.04	1	3,964.87	1	3,769.71	1	3,507.99	1	3,144.47	1	2,780.39
1/4		1/4		1/4		1/4	4,325.90	1/4	4,149.24	1/4	3,960.83	1/4	3,765.64	1/4	3,500.43	1/4	3,136.89	1/4	2,772.80
1/2		1/2		1/2		1/2	4,322.35	1/2	4,145.44	1/2	3,956.79	1/2	3,761.57	1/2	3,492.87	1/2	3,129.30	1/2	2,765.22
3/4		3/4		3/4		3/4	4,318.78	3/4	4,141.63	3/4	3,952.74	3/4	3,757.50	3/4	3,485.30	3/4	3,121.72	3/4	2,757.63
2		2		2		2	4,315.21	2	4,137.81	2	3,948.68	2	3,753.43	2	3,477.74	2	3,114.14	2	2,750.04
1/4		1/4		1/4		1/4	4,311.65	1/4	4,133.99	1/4	3,944.62	1/4	3,749.37	1/4	3,470.18	1/4	3,106.56	1/4	2,742.46
1/2		1/2		1/2		1/2	4,308.08	1/2	4,130.17	1/2	3,940.57	1/2	3,745.30	1/2	3,462.62	1/2	3,098.97	1/2	2,734.87
3/4		3/4		3/4		3/4	4,304.49	3/4	4,126.34	3/4	3,936.50	3/4	3,741.23	3/4	3,455.05	3/4	3,091.39	3/4	2,727.29
3		3		3		3	4,300.90	3	4,122.50	3	3,932.43	3	3,737.16	3	3,447.49	3	3,083.81	3	2,719.70
1/4		1/4		1/4		1/4	4,297.32	1/4	4,118.67	1/4	3,928.37	1/4	3,733.09	1/4	3,439.93	1/4	3,076.22	1/4	2,712.11
1/2		1/2		1/2		1/2	4,293.73	1/2	4,114.83	1/2	3,924.30	1/2	3,729.02	1/2	3,432.37	1/2	3,068.64	1/2	2,704.53
3/4		3/4		3/4		3/4	4,290.12	3/4	4,110.98	3/4	3,920.23	3/4	3,724.96	3/4	3,424.80	3/4	3,061.06	3/4	2,696.94
4		4		4		4	4,286.52	4	4,107.12	4	3,916.16	4	3,720.89	4	3,417.24	4	3,053.47	4	2,689.36
1/4		1/4		1/4		1/4	4,282.91	1/4	4,103.27	1/4	3,912.09	1/4	3,716.82	1/4	3,409.68	1/4	3,045.89	1/4	2,681.77
1/2		1/2		1/2		1/2	4,279.31	1/2	4,099.42	1/2	3,908.03	1/2	3,712.75	1/2	3,402.12	1/2	3,038.31	1/2	2,674.18
3/4		3/4		3/4		3/4	4,275.68	3/4	4,095.54	3/4	3,903.96	3/4	3,708.68	3/4	3,394.55	3/4	3,030.72	3/4	2,666.59
5		5		5		5	4,272.06	5	4,091.67	5	3,899.89	5	3,704.62	5	3,386.99	5	3,023.14	5	2,659.00
1/4		1/4		1/4		1/4	4,268.44	1/4	4,087.79	1/4	3,895.82	1/4	3,700.55	1/4	3,379.43	1/4	3,015.55	1/4	2,651.41
1/2		1/2		1/2		1/2	4,440.52	1/2	4,264.81	1/2	4,083.92	1/2	3,891.75	1/2	3,696.48	1/2	3,371.87	1/2	3,007.96
3/4		3/4		3/4		3/4	4,437.63	3/4	4,261.17	3/4	4,080.01	3/4	3,887.68	3/4	3,692.41	3/4	3,364.30	3/4	3,000.38
6		6		6		6	4,434.74	6	4,257.53	6	4,076.11	6	3,883.62	6	3,688.34	6	3,356.74	6	2,992.79
1/4		1/4		1/4		1/4	4,431.85	1/4	4,253.89	1/4	4,072.20	1/4	3,879.55	1/4	3,684.27	1/4	3,349.18	1/4	2,985.21
1/2		1/2		1/2		1/2	4,428.96	1/2	4,250.25	1/2	4,068.30	1/2	3,875.48	1/2	3,680.21	1/2	3,341.62	1/2	2,977.62
3/4		3/4		3/4		3/4	4,425.12	3/4	4,246.57	3/4	4,064.37	3/4	3,871.41	3/4	3,676.14	3/4	3,334.04	3/4	2,970.03
7		7		7		7	4,421.28	7	4,242.89	7	4,060.45	7	3,867.34	7	3,672.07	7	3,326.46	7	2,962.45
1/4		1/4		1/4		1/4	4,417.44	1/4	4,239.21	1/4	4,056.52	1/4	3,863.28	1/4	3,668.00	1/4	3,318.88	1/4	2,954.86
1/2		1/2		1/2		1/2	4,413.60	1/2	4,235.53	1/2	4,052.59	1/2	3,859.21	1/2	3,663.93	1/2	3,311.30	1/2	2,947.28
3/4		3/4		3/4		3/4	4,409.57	3/4	4,231.82	3/4	4,048.65	3/4	3,855.14	3/4	3,658.55	3/4	3,303.72	3/4	2,939.69
8		8		8		8	4,405.54	8	4,228.12	8	4,044.70	8	3,851.07	8	3,653.16	8	3,296.14	8	2,932.10
1/4		1/4		1/4		1/4	4,401.51	1/4	4,224.41	1/4	4,040.76	1/4	3,847.00	1/4	3,647.77	1/4	3,288.55	1/4	2,924.52
1/2		1/2		1/2		1/2	4,397.48	1/2	4,220.71	1/2	4,036.81	1/2	3,842.93	1/2	3,642.38	1/2	3,280.97	1/2	2,916.93
3/4		3/4		3/4		3/4	4,393.45	3/4	4,216.98	3/4	4,032.85	3/4	3,838.87	3/4	3,635.25	3/4	3,273.39	3/4	2,909.35
9		9		9		9	4,389.42	9	4,213.25	9	4,028.89	9	3,834.80	9	3,628.12	9	3,265.80	9	2,901.76
1/4		1/4		1/4		1/4	4,385.40	1/4	4,209.53	1/4	4,024.93	1/4	3,830.73	1/4	3,620.99	1/4	3,258.22	1/4	2,894.18
1/2		1/2		1/2		1/2	4,381.37	1/2	4,205.80	1/2	4,020.96	1/2	3,826.66	1/2	3,613.87	1/2	3,250.64	1/2	2,886.59
3/4		3/4		3/4		3/4	4,377.34	3/4	4,202.06	3/4	4,016.98	3/4	3,822.59	3/4	3,606.30	3/4	3,243.05	3/4	2,879.00
10		10		10		10	4,373.31	10	4,198.31	10	4,013.00	10	3,818.52	10	3,598.74	10	3,235.47	10	2,871.42
1/4		1/4		1/4		1/4	4,369.28	1/4	4,194.57	1/4	4,009.02	1/4	3,814.46	1/4	3,591.18	1/4	3,227.89	1/4	2,863.83
1/2		1/2		1/2		1/2	4,365.25	1/2	4,190.82	1/2	4,005.04	1/2	3,810.39	1/2	3,583.62	1/2	3,220.30	1/2	2,856.25
3/4		3/4		3/4		3/4	4,361.60	3/4	4,187.06	3/4	4,001.04	3/4	3,806.32	3/4	3,576.05	3/4	3,212.72	3/4	2,848.66
11		11		11		11	4,357.96	11	4,183.29	11	3,997.04	11	3,802.25	11	3,568.49	11	3,205.14	11	2,841.07
1/4		1/4		1/4		1/4	4,354.31	1/4	4,179.53	1/4	3,993.04	1/4	3,798.18	1/4	3,560.93	1/4	3,197.55	1/4	2,833.49
1/2		1/2		1/2		1/2	4,350.67	1/2	4,175.77	1/2	3,989.04	1/2	3,794.12	1/2	3,553.37	1/2	3,189.97	1/2	2,825.90
3/4		3/4		3/4		3/4	4,347.14	3/4	4,171.98	3/4	3,985.01	3/4	3,790.05	3/4	3,545.80	3/4	3,182.39	3/4	2,818.32

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'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 27729"

## 3 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 326"

GAUGE HEIGHT 16'-08 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	2,446.40	0	2,083.00	0	1,723.57	0	1,359.02	0	994.74	0	630.50	0	265.97	0		0		0	
1/4	2,438.80	1/4	2,075.95	1/4	1,715.97	1/4	1,351.43	1/4	987.17	1/4	622.91	1/4	258.37	1/4	1/4	1/4		1/4	
1/2	2,431.21	1/2	2,068.89	1/2	1,708.38	1/2	1,343.84	1/2	979.59	1/2	615.31	1/2	250.78	1/2	1/2	1/2		1/2	
3/4	2,423.62	3/4	2,062.02	3/4	1,700.78	3/4	1,336.24	3/4	972.01	3/4	607.72	3/4	243.19	3/4	3/4	3/4		3/4	
1	2,416.02	1	2,055.14	1	1,693.19	1	1,328.65	1	964.43	1	600.12	1	235.59	1	1	1		1	
1/4	2,408.43	1/4	2,048.27	1/4	1,685.59	1/4	1,321.05	1/4	956.85	1/4	592.53	1/4	228.00	1/4	1/4	1/4		1/4	
1/2	2,400.84	1/2	2,041.40	1/2	1,678.00	1/2	1,313.46	1/2	949.27	1/2	584.93	1/2	220.40	1/2	1/2	1/2		1/2	
3/4	2,393.25	3/4	2,034.01	3/4	1,670.40	3/4	1,305.86	3/4	941.69	3/4	577.34	3/4	212.81	3/4	3/4	3/4		3/4	
2	2,385.65	2	2,026.62	2	1,662.81	2	1,298.27	2	934.11	2	569.74	2	205.21	2	2	2		2	
1/4	2,378.06	1/4	2,019.23	1/4	1,655.21	1/4	1,290.67	1/4	926.53	1/4	562.15	1/4	197.62	1/4	1/4	1/4		1/4	
1/2	2,370.47	1/2	2,011.84	1/2	1,647.62	1/2	1,283.08	1/2	918.95	1/2	554.56	1/2	190.02	1/2	1/2	1/2		1/2	
3/4	2,362.87	3/4	2,004.28	3/4	1,640.02	3/4	1,275.48	3/4	911.37	3/4	546.96	3/4	182.43	3/4	3/4	3/4		3/4	
3	2,355.28	3	1,996.73	3	1,632.43	3	1,267.89	3	903.79	3	539.37	3	174.84	3	3	3		3	
1/4	2,347.69	1/4	1,989.17	1/4	1,624.84	1/4	1,260.29	1/4	896.21	1/4	531.77	1/4	167.24	1/4	1/4	1/4		1/4	
1/2	2,340.09	1/2	1,981.61	1/2	1,617.24	1/2	1,252.70	1/2	888.63	1/2	524.18	1/2	159.65	1/2	1/2	1/2		1/2	
3/4	2,332.50	3/4	1,974.05	3/4	1,609.65	3/4	1,245.11	3/4	881.06	3/4	516.58	3/4	152.05	3/4	3/4	3/4		3/4	
4	2,324.91	4	1,966.49	4	1,602.05	4	1,237.51	4	873.48	4	508.99	4	144.46	4	4	4		4	
1/4	2,317.31	1/4	1,958.93	1/4	1,594.46	1/4	1,229.92	1/4	865.90	1/4	501.40	1/4	136.87	1/4	1/4	1/4		1/4	
1/2	2,309.72	1/2	1,951.37	1/2	1,586.86	1/2	1,222.32	1/2	858.32	1/2	493.80	1/2	129.27	1/2	1/2	1/2		1/2	
3/4	2,302.13	3/4	1,943.78	3/4	1,579.27	3/4	1,214.73	3/4	850.73	3/4	486.21	3/4	121.69	3/4	3/4	3/4		3/4	
5	2,294.53	5	1,936.20	5	1,571.67	5	1,207.13	5	843.14	5	478.61	5	114.10	5	5	5		5	
1/4	2,286.94	1/4	1,928.61	1/4	1,564.08	1/4	1,199.54	1/4	835.55	1/4	471.02	1/4	106.52	1/4	1/4	1/4		1/4	
1/2	2,279.35	1/2	1,921.02	1/2	1,556.48	1/2	1,191.94	1/2	827.95	1/2	463.42	1/2	98.93	1/2	1/2	1/2		1/2	
3/4	2,271.75	3/4	1,913.43	3/4	1,548.89	3/4	1,184.35	3/4	820.36	3/4	455.83	3/4	91.37	3/4	3/4	3/4		3/4	
6	2,264.16	6	1,905.84	6	1,541.29	6	1,176.75	6	812.77	6	448.23	6	83.80	6	6	6		6	
1/4	2,256.57	1/4	1,898.24	1/4	1,533.70	1/4	1,169.16	1/4	805.17	1/4	440.64	1/4	76.24	1/4	1/4	1/4		1/4	
1/2	2,248.97	1/2	1,890.65	1/2	1,526.11	1/2	1,161.56	1/2	797.58	1/2	433.05	1/2	68.67	1/2	1/2	1/2		1/2	
3/4	2,241.38	3/4	1,883.05	3/4	1,518.51	3/4	1,153.98	3/4	789.98	3/4	425.45	3/4	61.80	3/4	3/4	3/4		3/4	
7	2,233.79	7	1,875.46	7	1,510.92	7	1,146.39	7	782.39	7	417.86	7	54.93	7	7	7		7	
1/4	2,226.19	1/4	1,867.86	1/4	1,503.32	1/4	1,138.80	1/4	774.79	1/4	410.26	1/4	48.06	1/4	1/4	1/4		1/4	
1/2	2,218.60	1/2	1,860.27	1/2	1,495.73	1/2	1,131.21	1/2	767.20	1/2	402.67	1/2	41.19	1/2	1/2	1/2		1/2	
3/4	2,211.01	3/4	1,852.67	3/4	1,488.13	3/4	1,123.62	3/4	759.60	3/4	395.07	3/4	35.96	3/4	3/4	3/4		3/4	
8	2,203.42	8	1,845.08	8	1,480.54	8	1,116.04	8	752.01	8	387.48	8	30.74	8	8	8		8	
1/4	2,195.82	1/4	1,837.48	1/4	1,472.94	1/4	1,108.45	1/4	744.42	1/4	379.88	1/4	25.52	1/4	1/4	1/4		1/4	
1/2	2,188.23	1/2	1,829.89	1/2	1,465.35	1/2	1,100.86	1/2	736.82	1/2	372.29	1/2	20.30	1/2	1/2	1/2		1/2	
3/4	2,180.64	3/4	1,822.30	3/4	1,457.75	3/4	1,093.28	3/4	729.23	3/4	364.70	3/4		3/4	3/4	3/4		3/4	
9	2,173.04	9	1,814.70	9	1,450.16	9	1,085.70	9	721.63	9	357.10	9		9	9	9		9	
1/4	2,165.45	1/4	1,807.11	1/4	1,442.57	1/4	1,078.12	1/4	714.04	1/4	349.51	1/4		1/4	1/4	1/4		1/4	
1/2	2,157.86	1/2	1,799.51	1/2	1,434.97	1/2	1,070.54	1/2	706.44	1/2	341.91	1/2		1/2	1/2	1/2		1/2	
3/4	2,150.26	3/4	1,791.92	3/4	1,427.38	3/4	1,062.96	3/4	698.85	3/4	334.32	3/4		3/4	3/4	3/4		3/4	
10	2,142.67	10	1,784.32	10	1,419.78	10	1,055.38	10	691.26	10	326.72	10		10	10	10		10	
1/4	2,135.08	1/4	1,776.73	1/4	1,412.19	1/4	1,047.80	1/4	683.66	1/4	319.13	1/4		1/4	1/4	1/4		1/4	
1/2	2,127.48	1/2	1,769.13	1/2	1,404.59	1/2	1,040.22	1/2	676.07	1/2	311.54	1/2		1/2	1/2	1/2		1/2	
3/4	2,119.89	3/4	1,761.54	3/4	1,397.00	3/4	1,032.64	3/4	668.47	3/4	303.94	3/4		3/4	3/4	3/4		3/4	
11	2,112.30	11	1,753.94	11	1,389.40	11	1,025.06	11	660.88	11	296.35	11		11	11	11		11	
1/4	2,104.70	1/4	1,746.35	1/4	1,381.81	1/4	1,017.48	1/4	653.28	1/4	288.75	1/4		1/4	1/4	1/4		1/4	
1/2	2,097.11	1/2	1,738.75	1/2	1,374.21	1/2	1,009.90	1/2	645.69	1/2	281.16	1/2		1/2	1/2	1/2		1/2	
3/4	2,090.06	3/4	1,731.16	3/4	1,366.62	3/4	1,002.32	3/4	638.09	3/4	273.56	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/16/2014 CL  
RECALCULATED: 05/10/2019 SW  
VERIFIED: 04/10/2024

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2024

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



# BARGE "KIRBY 27729"

# FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "CTCO 326"

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	1,625	0	3,250	0	4,875	0	6,501	0	8,126	0	9,751	0		0		0	
1/4	34	1/4	1,659	1/4	3,284	1/4	4,909	1/4	6,534	1/4	8,160	1/4	9,785	1/4		1/4		1/4	
1/2	68	1/2	1,693	1/2	3,318	1/2	4,943	1/2	6,568	1/2	8,193	1/2	9,819	1/2		1/2		1/2	
3/4	102	3/4	1,727	3/4	3,352	3/4	4,977	3/4	6,602	3/4	8,227	3/4	9,852	3/4		3/4		3/4	
1	135	1	1,761	1	3,386	1	5,011	1	6,636	1	8,261	1	9,886	1		1		1	
1/4	169	1/4	1,794	1/4	3,420	1/4	5,045	1/4	6,670	1/4	8,295	1/4	9,920	1/4		1/4		1/4	
1/2	203	1/2	1,828	1/2	3,453	1/2	5,079	1/2	6,704	1/2	8,329	1/2	9,954	1/2		1/2		1/2	
3/4	237	3/4	1,862	3/4	3,487	3/4	5,112	3/4	6,738	3/4	8,363	3/4	9,988	3/4		3/4		3/4	
2	271	2	1,896	2	3,521	2	5,146	2	6,771	2	8,397	2	10,022	2		2		2	
1/4	305	1/4	1,930	1/4	3,555	1/4	5,180	1/4	6,805	1/4	8,430	1/4	10,056	1/4		1/4		1/4	
1/2	339	1/2	1,964	1/2	3,589	1/2	5,214	1/2	6,839	1/2	8,464	1/2	10,089	1/2		1/2		1/2	
3/4	372	3/4	1,998	3/4	3,623	3/4	5,248	3/4	6,873	3/4	8,498	3/4		3/4		3/4		3/4	
3	406	3	2,031	3	3,657	3	5,282	3	6,907	3	8,532	3		3		3		3	
1/4	440	1/4	2,065	1/4	3,690	1/4	5,316	1/4	6,941	1/4	8,566	1/4		1/4		1/4		1/4	
1/2	474	1/2	2,099	1/2	3,724	1/2	5,349	1/2	6,975	1/2	8,600	1/2		1/2		1/2		1/2	
3/4	508	3/4	2,133	3/4	3,758	3/4	5,383	3/4	7,008	3/4	8,634	3/4		3/4		3/4		3/4	
4	542	4	2,167	4	3,792	4	5,417	4	7,042	4	8,667	4		4		4		4	
1/4	576	1/4	2,201	1/4	3,826	1/4	5,451	1/4	7,076	1/4	8,701	1/4		1/4		1/4		1/4	
1/2	609	1/2	2,235	1/2	3,860	1/2	5,485	1/2	7,110	1/2	8,735	1/2		1/2		1/2		1/2	
3/4	643	3/4	2,268	3/4	3,894	3/4	5,519	3/4	7,144	3/4	8,769	3/4		3/4		3/4		3/4	
5	677	5	2,302	5	3,927	5	5,553	5	7,178	5	8,803	5		5		5		5	
1/4	711	1/4	2,336	1/4	3,961	1/4	5,586	1/4	7,212	1/4	8,837	1/4		1/4		1/4		1/4	
1/2	745	1/2	2,370	1/2	3,995	1/2	5,620	1/2	7,245	1/2	8,871	1/2		1/2		1/2		1/2	
3/4	779	3/4	2,404	3/4	4,029	3/4	5,654	3/4	7,279	3/4	8,904	3/4		3/4		3/4		3/4	
6	813	6	2,438	6	4,063	6	5,688	6	7,313	6	8,938	6		6		6		6	
1/4	846	1/4	2,472	1/4	4,097	1/4	5,722	1/4	7,347	1/4	8,972	1/4		1/4		1/4		1/4	
1/2	880	1/2	2,505	1/2	4,131	1/2	5,756	1/2	7,381	1/2	9,006	1/2		1/2		1/2		1/2	
3/4	914	3/4	2,539	3/4	4,164	3/4	5,790	3/4	7,415	3/4	9,040	3/4		3/4		3/4		3/4	
7	948	7	2,573	7	4,198	7	5,823	7	7,449	7	9,074	7		7		7		7	
1/4	982	1/4	2,607	1/4	4,232	1/4	5,857	1/4	7,482	1/4	9,108	1/4		1/4		1/4		1/4	
1/2	1,016	1/2	2,641	1/2	4,266	1/2	5,891	1/2	7,516	1/2	9,141	1/2		1/2		1/2		1/2	
3/4	1,050	3/4	2,675	3/4	4,300	3/4	5,925	3/4	7,550	3/4	9,175	3/4		3/4		3/4		3/4	
8	1,083	8	2,709	8	4,334	8	5,959	8	7,584	8	9,209	8		8		8		8	
1/4	1,117	1/4	2,742	1/4	4,368	1/4	5,993	1/4	7,618	1/4	9,243	1/4		1/4		1/4		1/4	
1/2	1,151	1/2	2,776	1/2	4,401	1/2	6,027	1/2	7,652	1/2	9,277	1/2		1/2		1/2		1/2	
3/4	1,185	3/4	2,810	3/4	4,435	3/4	6,060	3/4	7,686	3/4	9,311	3/4		3/4		3/4		3/4	
9	1,219	9	2,844	9	4,469	9	6,094	9	7,719	9	9,345	9		9		9		9	
1/4	1,253	1/4	2,878	1/4	4,503	1/4	6,128	1/4	7,753	1/4	9,378	1/4		1/4		1/4		1/4	
1/2	1,287	1/2	2,912	1/2	4,537	1/2	6,162	1/2	7,787	1/2	9,412	1/2		1/2		1/2		1/2	
3/4	1,320	3/4	2,946	3/4	4,571	3/4	6,196	3/4	7,821	3/4	9,446	3/4		3/4		3/4		3/4	
10	1,354	10	2,979	10	4,605	10	6,230	10	7,855	10	9,480	10		10		10		10	
1/4	1,388	1/4	3,013	1/4	4,638	1/4	6,264	1/4	7,889	1/4	9,514	1/4		1/4		1/4		1/4	
1/2	1,422	1/2	3,047	1/2	4,672	1/2	6,297	1/2	7,923	1/2	9,548	1/2		1/2		1/2		1/2	
3/4	1,456	3/4	3,081	3/4	4,706	3/4	6,331	3/4	7,956	3/4	9,582	3/4		3/4		3/4		3/4	
11	1,490	11	3,115	11	4,740	11	6,365	11	7,990	11	9,615	11		11		11		11	
1/4	1,524	1/4	3,149	1/4	4,774	1/4	6,399	1/4	8,024	1/4	9,649	1/4		1/4		1/4		1/4	
1/2	1,557	1/2	3,183	1/2	4,808	1/2	6,433	1/2	8,058	1/2	9,683	1/2		1/2		1/2		1/2	
3/4	1,591	3/4	3,216	3/4	4,842	3/4	6,467	3/4	8,092	3/4	9,717	3/4		3/4		3/4		3/4	

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

STRAPPED: 04/09/2024 CL  
 CALCULATED: 04/10/2024 CL  
 VERIFIED: 04/10/2024 CL

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 04/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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