



BARGE "KIRBY 10099"

ULLAGE TRIM TABLE

	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 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-7/8	- 00-7/8
2 CENTER	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	00-1/2	- 00-1/2
3 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 163'-06"

February 20, 2024

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

<http://www.pmacorp.net>



BARGE "KIRBY 10099"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	3,562.55	0	3,309.05	0	3,055.55	0	2,796.35	0	2,500.06	0	2,203.07
1/4		1/4		1/4		1/4		1/4	3,557.27	1/4	3,303.77	1/4	3,050.26	1/4	2,790.18	1/4	2,493.88	1/4	2,196.88
1/2		1/2		1/2		1/2	3,773.34	1/2	3,551.99	1/2	3,298.48	1/2	3,044.98	1/2	2,784.01	1/2	2,487.69	1/2	2,190.69
3/4		3/4		3/4		3/4	3,772.31	3/4	3,546.71	3/4	3,293.20	3/4	3,039.70	3/4	2,777.85	3/4	2,481.50	3/4	2,184.51
1		1		1		1	3,771.27	1	3,541.42	1	3,287.92	1	3,034.42	1	2,771.68	1	2,475.31	1	2,178.32
1/4		1/4		1/4		1/4	3,770.23	1/4	3,536.14	1/4	3,282.64	1/4	3,029.14	1/4	2,765.51	1/4	2,469.13	1/4	2,172.13
1/2		1/2		1/2		1/2	3,769.20	1/2	3,530.86	1/2	3,277.36	1/2	3,023.86	1/2	2,759.34	1/2	2,462.94	1/2	2,165.94
3/4		3/4		3/4		3/4	3,766.09	3/4	3,525.58	3/4	3,272.08	3/4	3,018.58	3/4	2,753.17	3/4	2,456.75	3/4	2,159.76
2		2		2		2	3,762.99	2	3,520.30	2	3,266.80	2	3,013.29	2	2,747.00	2	2,450.56	2	2,153.57
1/4		1/4		1/4		1/4	3,759.88	1/4	3,515.02	1/4	3,261.52	1/4	3,008.01	1/4	2,740.83	1/4	2,444.38	1/4	2,147.38
1/2		1/2		1/2		1/2	3,756.77	1/2	3,509.74	1/2	3,256.23	1/2	3,002.73	1/2	2,734.66	1/2	2,438.19	1/2	2,141.19
3/4		3/4		3/4		3/4	3,752.62	3/4	3,504.46	3/4	3,250.95	3/4	2,997.45	3/4	2,728.49	3/4	2,432.00	3/4	2,135.01
3		3		3		3	3,748.46	3	3,499.17	3	3,245.67	3	2,992.17	3	2,722.33	3	2,425.81	3	2,128.82
1/4		1/4		1/4		1/4	3,744.30	1/4	3,493.89	1/4	3,240.39	1/4	2,986.89	1/4	2,716.16	1/4	2,419.63	1/4	2,122.63
1/2		1/2		1/2		1/2	3,740.14	1/2	3,488.61	1/2	3,235.11	1/2	2,981.61	1/2	2,709.99	1/2	2,413.44	1/2	2,116.44
3/4		3/4		3/4		3/4	3,734.99	3/4	3,483.33	3/4	3,229.83	3/4	2,976.33	3/4	2,703.82	3/4	2,407.25	3/4	2,110.26
4		4		4		4	3,729.84	4	3,478.05	4	3,224.55	4	2,971.04	4	2,697.65	4	2,401.06	4	2,104.07
1/4		1/4		1/4		1/4	3,724.70	1/4	3,472.77	1/4	3,219.27	1/4	2,965.76	1/4	2,691.48	1/4	2,394.88	1/4	2,097.88
1/2		1/2		1/2		1/2	3,719.55	1/2	3,467.49	1/2	3,213.98	1/2	2,960.48	1/2	2,685.31	1/2	2,388.69	1/2	2,091.70
3/4		3/4		3/4		3/4	3,714.37	3/4	3,462.21	3/4	3,208.70	3/4	2,955.20	3/4	2,679.14	3/4	2,382.50	3/4	2,085.51
5		5		5		5	3,709.19	5	3,456.92	5	3,203.42	5	2,949.92	5	2,672.98	5	2,376.32	5	2,079.32
1/4		1/4		1/4		1/4	3,704.00	1/4	3,451.64	1/4	3,198.14	1/4	2,944.64	1/4	2,666.81	1/4	2,370.13	1/4	2,073.13
1/2		1/2		1/2		1/2	3,698.82	1/2	3,446.36	1/2	3,192.86	1/2	2,939.36	1/2	2,660.64	1/2	2,363.94	1/2	2,066.95
3/4		3/4		3/4		3/4	3,693.63	3/4	3,441.08	3/4	3,187.58	3/4	2,934.08	3/4	2,654.47	3/4	2,357.75	3/4	2,060.76
6		6		6		6	3,688.43	6	3,435.80	6	3,182.30	6	2,928.79	6	2,648.30	6	2,351.57	6	2,054.57
1/4		1/4		1/4		1/4	3,683.23	1/4	3,430.52	1/4	3,177.02	1/4	2,923.51	1/4	2,642.13	1/4	2,345.38	1/4	2,048.38
1/2		1/2		1/2		1/2	3,678.04	1/2	3,425.24	1/2	3,171.73	1/2	2,918.23	1/2	2,635.96	1/2	2,339.19	1/2	2,042.20
3/4		3/4		3/4		3/4	3,672.84	3/4	3,419.95	3/4	3,166.45	3/4	2,912.95	3/4	2,629.79	3/4	2,333.00	3/4	2,036.01
7		7		7		7	3,667.65	7	3,414.67	7	3,161.17	7	2,907.67	7	2,623.63	7	2,326.82	7	2,029.82
1/4		1/4		1/4		1/4	3,662.46	1/4	3,409.39	1/4	3,155.89	1/4	2,902.39	1/4	2,617.46	1/4	2,320.63	1/4	2,023.63
1/2		1/2		1/2		1/2	3,657.26	1/2	3,404.11	1/2	3,150.61	1/2	2,897.11	1/2	2,611.29	1/2	2,314.44	1/2	2,017.45
3/4		3/4		3/4		3/4	3,652.07	3/4	3,398.83	3/4	3,145.33	3/4	2,891.82	3/4	2,605.12	3/4	2,308.25	3/4	2,011.26
8		8		8		8	3,646.88	8	3,393.55	8	3,140.05	8	2,886.54	8	2,598.95	8	2,302.07	8	2,005.07
1/4		1/4		1/4		1/4	3,641.68	1/4	3,388.27	1/4	3,134.76	1/4	2,881.26	1/4	2,592.78	1/4	2,295.88	1/4	1,998.88
1/2		1/2		1/2		1/2	3,636.49	1/2	3,382.99	1/2	3,129.48	1/2	2,875.98	1/2	2,586.61	1/2	2,289.69	1/2	1,992.70
3/4		3/4		3/4		3/4	3,631.21	3/4	3,377.70	3/4	3,124.20	3/4	2,870.67	3/4	2,580.44	3/4	2,283.50	3/4	1,986.51
9		9		9		9	3,625.93	9	3,372.42	9	3,118.92	9	2,865.37	9	2,574.27	9	2,277.32	9	1,980.32
1/4		1/4		1/4		1/4	3,620.64	1/4	3,367.14	1/4	3,113.64	1/4	2,860.06	1/4	2,568.11	1/4	2,271.13	1/4	1,974.13
1/2		1/2		1/2		1/2	3,615.36	1/2	3,361.86	1/2	3,108.36	1/2	2,854.76	1/2	2,561.94	1/2	2,264.94	1/2	1,967.95
3/4		3/4		3/4		3/4	3,610.08	3/4	3,356.58	3/4	3,103.08	3/4	2,849.45	3/4	2,555.75	3/4	2,258.75	3/4	1,961.76
10		10		10		10	3,604.80	10	3,351.30	10	3,097.80	10	2,844.14	10	2,549.56	10	2,252.57	10	1,955.57
1/4		1/4		1/4		1/4	3,599.52	1/4	3,346.02	1/4	3,092.51	1/4	2,838.84	1/4	2,543.38	1/4	2,246.38	1/4	1,949.38
1/2		1/2		1/2		1/2	3,594.24	1/2	3,340.74	1/2	3,087.23	1/2	2,833.53	1/2	2,537.19	1/2	2,240.19	1/2	1,943.20
3/4		3/4		3/4		3/4	3,588.96	3/4	3,335.45	3/4	3,081.95	3/4	2,827.32	3/4	2,531.00	3/4	2,234.01	3/4	1,937.01
11		11		11		11	3,583.68	11	3,330.17	11	3,076.67	11	2,821.11	11	2,524.81	11	2,227.82	11	1,930.82
1/4		1/4		1/4		1/4	3,578.39	1/4	3,324.89	1/4	3,071.39	1/4	2,814.90	1/4	2,518.63	1/4	2,221.63	1/4	1,924.64
1/2		1/2		1/2		1/2	3,573.11	1/2	3,319.61	1/2	3,066.11	1/2	2,808.69	1/2	2,512.44	1/2	2,215.44	1/2	1,918.45
3/4		3/4		3/4		3/4	3,567.83	3/4	3,314.33	3/4	3,060.83	3/4	2,802.52	3/4	2,506.25	3/4	2,209.26	3/4	1,912.26

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 ON CENTERLINE AND 32'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "KIRBY 10099"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 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	1,906.07	0	1,608.85	0	1,311.45	0	1,014.04	0	722.48	0	425.15	0	127.53	0		0		0	
1/4	1,899.89	1/4	1,602.66	1/4	1,305.25	1/4	1,007.85	1/4	716.38	1/4	418.95	1/4	121.33	1/4		1/4		1/4	
1/2	1,893.70	1/2	1,596.47	1/2	1,299.06	1/2	1,001.65	1/2	710.28	1/2	412.75	1/2	115.14	1/2		1/2		1/2	
3/4	1,887.51	3/4	1,590.27	3/4	1,292.86	3/4	995.45	3/4	704.10	3/4	406.55	3/4	108.97	3/4		3/4		3/4	
1	1,881.32	1	1,584.07	1	1,286.67	1	989.26	1	697.92	1	400.34	1	102.80	1		1		1	
1/4	1,875.14	1/4	1,577.88	1/4	1,280.47	1/4	983.06	1/4	691.74	1/4	394.14	1/4	96.62	1/4		1/4		1/4	
1/2	1,868.95	1/2	1,571.68	1/2	1,274.27	1/2	976.87	1/2	685.55	1/2	387.94	1/2	90.45	1/2		1/2		1/2	
3/4	1,862.76	3/4	1,565.49	3/4	1,268.08	3/4	970.73	3/4	679.35	3/4	381.74	3/4	84.31	3/4		3/4		3/4	
2	1,856.57	2	1,559.29	2	1,261.88	2	964.60	2	673.16	2	375.54	2	78.17	2		2		2	
1/4	1,850.39	1/4	1,553.09	1/4	1,255.69	1/4	958.47	1/4	666.96	1/4	369.34	1/4	72.03	1/4		1/4		1/4	
1/2	1,844.20	1/2	1,546.90	1/2	1,249.49	1/2	952.33	1/2	660.76	1/2	363.14	1/2	65.89	1/2		1/2		1/2	
3/4	1,838.01	3/4	1,540.70	3/4	1,243.29	3/4	946.26	3/4	654.56	3/4	356.94	3/4	59.80	3/4		3/4		3/4	
3	1,831.82	3	1,534.51	3	1,237.10	3	940.19	3	648.36	3	350.74	3	53.72	3		3		3	
1/4	1,825.64	1/4	1,528.31	1/4	1,230.90	1/4	934.12	1/4	642.16	1/4	344.54	1/4	47.64	1/4		1/4		1/4	
1/2	1,819.45	1/2	1,522.11	1/2	1,224.71	1/2	928.05	1/2	635.96	1/2	338.34	1/2	41.55	1/2		1/2		1/2	
3/4	1,813.25	3/4	1,515.92	3/4	1,218.51	3/4	921.98	3/4	629.76	3/4	332.14	3/4	36.39	3/4		3/4		3/4	
4	1,807.06	4	1,509.72	4	1,212.31	4	915.92	4	623.56	4	325.94	4	31.22	4		4		4	
1/4	1,800.86	1/4	1,503.53	1/4	1,206.12	1/4	909.85	1/4	617.36	1/4	319.74	1/4	26.05	1/4		1/4		1/4	
1/2	1,794.67	1/2	1,497.33	1/2	1,199.92	1/2	903.78	1/2	611.16	1/2	313.54	1/2	20.88	1/2		1/2		1/2	
3/4	1,788.47	3/4	1,491.13	3/4	1,193.73	3/4	897.72	3/4	604.95	3/4	307.34	3/4	17.78	3/4		3/4		3/4	
5	1,782.27	5	1,484.94	5	1,187.53	5	891.67	5	598.75	5	301.14	5	14.67	5		5		5	
1/4	1,776.08	1/4	1,478.74	1/4	1,181.33	1/4	885.62	1/4	592.55	1/4	294.94	1/4	11.57	1/4		1/4		1/4	
1/2	1,769.88	1/2	1,472.55	1/2	1,175.14	1/2	879.57	1/2	586.35	1/2	288.74	1/2	8.46	1/2		1/2		1/2	
3/4	1,763.69	3/4	1,466.35	3/4	1,168.94	3/4	873.53	3/4	580.15	3/4	282.54	3/4	7.43	3/4		3/4		3/4	
6	1,757.49	6	1,460.15	6	1,162.75	6	867.49	6	573.95	6	276.34	6	6.39	6		6		6	
1/4	1,751.30	1/4	1,453.96	1/4	1,156.55	1/4	861.46	1/4	567.75	1/4	270.14	1/4	5.36	1/4		1/4		1/4	
1/2	1,745.10	1/2	1,447.76	1/2	1,150.35	1/2	855.42	1/2	561.55	1/2	263.94	1/2	4.32	1/2		1/2		1/2	
3/4	1,738.91	3/4	1,441.57	3/4	1,144.16	3/4	849.38	3/4	555.35	3/4	257.74	3/4		3/4		3/4		3/4	
7	1,732.71	7	1,435.37	7	1,137.96	7	843.35	7	549.15	7	251.54	7		7		7		7	
1/4	1,726.52	1/4	1,429.17	1/4	1,131.77	1/4	837.31	1/4	542.95	1/4	245.34	1/4		1/4		1/4		1/4	
1/2	1,720.32	1/2	1,422.98	1/2	1,125.57	1/2	831.27	1/2	536.75	1/2	239.14	1/2		1/2		1/2		1/2	
3/4	1,714.13	3/4	1,416.78	3/4	1,119.37	3/4	825.24	3/4	530.55	3/4	232.94	3/4		3/4		3/4		3/4	
8	1,707.94	8	1,410.59	8	1,113.18	8	819.20	8	524.35	8	226.74	8		8		8		8	
1/4	1,701.74	1/4	1,404.39	1/4	1,106.98	1/4	813.16	1/4	518.15	1/4	220.54	1/4		1/4		1/4		1/4	
1/2	1,695.55	1/2	1,398.19	1/2	1,100.79	1/2	807.13	1/2	511.95	1/2	214.34	1/2		1/2		1/2		1/2	
3/4	1,689.36	3/4	1,392.00	3/4	1,094.59	3/4	801.09	3/4	505.75	3/4	208.14	3/4		3/4		3/4		3/4	
9	1,683.16	9	1,385.80	9	1,088.39	9	795.05	9	499.55	9	201.94	9		9		9		9	
1/4	1,676.97	1/4	1,379.61	1/4	1,082.20	1/4	789.02	1/4	493.35	1/4	195.73	1/4		1/4		1/4		1/4	
1/2	1,670.78	1/2	1,373.41	1/2	1,076.00	1/2	782.98	1/2	487.15	1/2	189.53	1/2		1/2		1/2		1/2	
3/4	1,664.59	3/4	1,367.21	3/4	1,069.81	3/4	776.94	3/4	480.95	3/4	183.34	3/4		3/4		3/4		3/4	
10	1,658.39	10	1,361.02	10	1,063.61	10	770.91	10	474.75	10	177.14	10		10		10		10	
1/4	1,652.20	1/4	1,354.82	1/4	1,057.41	1/4	764.87	1/4	468.55	1/4	170.94	1/4		1/4		1/4		1/4	
1/2	1,646.01	1/2	1,348.63	1/2	1,051.22	1/2	758.83	1/2	462.35	1/2	164.74	1/2		1/2		1/2		1/2	
3/4	1,639.82	3/4	1,342.43	3/4	1,045.02	3/4	752.80	3/4	456.15	3/4	158.53	3/4		3/4		3/4		3/4	
11	1,633.62	11	1,336.23	11	1,038.83	11	746.76	11	449.95	11	152.32	11		11		11		11	
1/4	1,627.43	1/4	1,330.04	1/4	1,032.63	1/4	740.72	1/4	443.75	1/4	146.12	1/4		1/4		1/4		1/4	
1/2	1,621.24	1/2	1,323.84	1/2	1,026.43	1/2	734.69	1/2	437.55	1/2	139.91	1/2		1/2		1/2		1/2	
3/4	1,615.04	3/4	1,317.65	3/4	1,020.24	3/4	728.58	3/4	431.35	3/4	133.72	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/30/2014 SW
CALCULATED: 01/31/2014 CL
VERIFIED: 02/20/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024



BARGE "KIRBY 10099"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 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		0	3,265.99	0	3,004.06	0	2,742.13	0	2,479.82	0	2,216.48	0	1,953.15
1/4		1/4		1/4		1/4		1/4	3,260.53	1/4	2,998.60	1/4	2,736.67	1/4	2,474.33	1/4	2,211.00	1/4	1,947.66
1/2		1/2		1/2		1/2		1/2	3,255.07	1/2	2,993.14	1/2	2,731.21	1/2	2,468.84	1/2	2,205.51	1/2	1,942.18
3/4		3/4		3/4		3/4		3/4	3,476.32	3/4	3,249.62	3/4	2,987.69	3/4	2,725.76	3/4	2,463.36	3/4	2,200.02
1		1		1		1		1	3,475.40	1	3,244.16	1	2,982.23	1	2,720.30	1	2,457.87	1	2,194.54
1/4		1/4		1/4		1/4		1/4	3,474.49	1/4	3,238.70	1/4	2,976.77	1/4	2,714.84	1/4	2,452.38	1/4	2,189.05
1/2		1/2		1/2		1/2		1/2	3,473.57	1/2	3,233.25	1/2	2,971.32	1/2	2,709.38	1/2	2,446.90	1/2	2,183.57
3/4		3/4		3/4		3/4		3/4	3,472.66	3/4	3,227.79	3/4	2,965.86	3/4	2,703.93	3/4	2,441.41	3/4	2,178.08
2		2		2		2		2	3,469.91	2	3,222.33	2	2,960.40	2	2,698.47	2	2,435.93	2	2,172.59
1/4		1/4		1/4		1/4		1/4	3,467.17	1/4	3,216.88	1/4	2,954.94	1/4	2,693.01	1/4	2,430.44	1/4	2,167.11
1/2		1/2		1/2		1/2		1/2	3,464.42	1/2	3,211.42	1/2	2,949.49	1/2	2,687.56	1/2	2,424.95	1/2	2,161.62
3/4		3/4		3/4		3/4		3/4	3,461.68	3/4	3,205.96	3/4	2,944.03	3/4	2,682.10	3/4	2,419.47	3/4	2,156.14
3		3		3		3		3	3,457.23	3	3,200.51	3	2,938.57	3	2,676.64	3	2,413.98	3	2,150.65
1/4		1/4		1/4		1/4		1/4	3,452.79	1/4	3,195.05	1/4	2,933.12	1/4	2,671.19	1/4	2,408.50	1/4	2,145.16
1/2		1/2		1/2		1/2		1/2	3,448.34	1/2	3,189.59	1/2	2,927.66	1/2	2,665.73	1/2	2,403.01	1/2	2,139.68
3/4		3/4		3/4		3/4		3/4	3,443.90	3/4	3,184.13	3/4	2,922.20	3/4	2,660.27	3/4	2,397.52	3/4	2,134.19
4		4		4		4		4	3,438.58	4	3,178.68	4	2,916.75	4	2,654.82	4	2,392.04	4	2,128.70
1/4		1/4		1/4		1/4		1/4	3,433.26	1/4	3,173.22	1/4	2,911.29	1/4	2,649.36	1/4	2,386.55	1/4	2,123.22
1/2		1/2		1/2		1/2		1/2	3,427.95	1/2	3,167.76	1/2	2,905.83	1/2	2,643.90	1/2	2,381.07	1/2	2,117.73
3/4		3/4		3/4		3/4		3/4	3,422.63	3/4	3,162.31	3/4	2,900.38	3/4	2,638.44	3/4	2,375.58	3/4	2,112.25
5		5		5		5		5	3,417.28	5	3,156.85	5	2,894.92	5	2,632.99	5	2,370.09	5	2,106.76
1/4		1/4		1/4		1/4		1/4	3,411.93	1/4	3,151.39	1/4	2,889.46	1/4	2,627.53	1/4	2,364.61	1/4	2,101.27
1/2		1/2		1/2		1/2		1/2	3,406.58	1/2	3,145.94	1/2	2,884.01	1/2	2,622.07	1/2	2,359.12	1/2	2,095.79
3/4		3/4		3/4		3/4		3/4	3,401.23	3/4	3,140.48	3/4	2,878.55	3/4	2,616.62	3/4	2,353.63	3/4	2,090.30
6		6		6		6		6	3,395.87	6	3,135.02	6	2,873.09	6	2,611.16	6	2,348.15	6	2,084.82
1/4		1/4		1/4		1/4		1/4	3,390.51	1/4	3,129.57	1/4	2,867.63	1/4	2,605.70	1/4	2,342.66	1/4	2,079.33
1/2		1/2		1/2		1/2		1/2	3,385.15	1/2	3,124.11	1/2	2,862.18	1/2	2,600.25	1/2	2,337.18	1/2	2,073.84
3/4		3/4		3/4		3/4		3/4	3,379.79	3/4	3,118.65	3/4	2,856.72	3/4	2,594.79	3/4	2,331.69	3/4	2,068.36
7		7		7		7		7	3,374.43	7	3,113.20	7	2,851.26	7	2,589.33	7	2,326.20	7	2,062.87
1/4		1/4		1/4		1/4		1/4	3,369.07	1/4	3,107.74	1/4	2,845.81	1/4	2,583.88	1/4	2,320.72	1/4	2,057.39
1/2		1/2		1/2		1/2		1/2	3,363.72	1/2	3,102.28	1/2	2,840.35	1/2	2,578.42	1/2	2,315.23	1/2	2,051.90
3/4		3/4		3/4		3/4		3/4	3,358.36	3/4	3,096.82	3/4	2,834.89	3/4	2,572.96	3/4	2,309.75	3/4	2,046.41
8		8		8		8		8	3,353.00	8	3,091.37	8	2,829.44	8	2,567.51	8	2,304.26	8	2,040.93
1/4		1/4		1/4		1/4		1/4	3,347.64	1/4	3,085.91	1/4	2,823.98	1/4	2,562.05	1/4	2,298.77	1/4	2,035.44
1/2		1/2		1/2		1/2		1/2	3,342.29	1/2	3,080.45	1/2	2,818.52	1/2	2,556.59	1/2	2,293.29	1/2	2,029.95
3/4		3/4		3/4		3/4		3/4	3,336.93	3/4	3,075.00	3/4	2,813.07	3/4	2,551.13	3/4	2,287.80	3/4	2,024.47
9		9		9		9		9	3,331.47	9	3,069.54	9	2,807.61	9	2,545.65	9	2,282.32	9	2,018.98
1/4		1/4		1/4		1/4		1/4	3,326.01	1/4	3,064.08	1/4	2,802.15	1/4	2,540.16	1/4	2,276.83	1/4	2,013.50
1/2		1/2		1/2		1/2		1/2	3,320.56	1/2	3,058.63	1/2	2,796.69	1/2	2,534.68	1/2	2,271.34	1/2	2,008.01
3/4		3/4		3/4		3/4		3/4	3,315.10	3/4	3,053.17	3/4	2,791.24	3/4	2,529.19	3/4	2,265.86	3/4	2,002.52
10		10		10		10		10	3,309.64	10	3,047.71	10	2,785.78	10	2,523.70	10	2,260.37	10	1,997.04
1/4		1/4		1/4		1/4		1/4	3,304.19	1/4	3,042.26	1/4	2,780.32	1/4	2,518.22	1/4	2,254.88	1/4	1,991.55
1/2		1/2		1/2		1/2		1/2	3,298.73	1/2	3,036.80	1/2	2,774.87	1/2	2,512.73	1/2	2,249.40	1/2	1,986.07
3/4		3/4		3/4		3/4		3/4	3,293.27	3/4	3,031.34	3/4	2,769.41	3/4	2,507.25	3/4	2,243.91	3/4	1,980.58
11		11		11		11		11	3,287.82	11	3,025.88	11	2,763.95	11	2,501.76	11	2,238.43	11	1,975.09
1/4		1/4		1/4		1/4		1/4	3,282.36	1/4	3,020.43	1/4	2,758.50	1/4	2,496.27	1/4	2,232.94	1/4	1,969.61
1/2		1/2		1/2		1/2		1/2	3,276.90	1/2	3,014.97	1/2	2,753.04	1/2	2,490.79	1/2	2,227.45	1/2	1,964.12
3/4		3/4		3/4		3/4		3/4	3,271.45	3/4	3,009.51	3/4	2,747.58	3/4	2,485.30	3/4	2,221.97	3/4	1,958.64

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 ON CENTERLINE AND 27'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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 Pearland, Texas 77588
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BARGE "KIRBY 10099"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 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	1,689.82	0	1,426.48	0	1,162.99	0	901.10	0	641.81	0	378.46	0	115.02	0		0		0	
1/4	1,684.33	1/4	1,421.00	1/4	1,157.50	1/4	895.70	1/4	636.36	1/4	372.97	1/4	109.55	1/4		1/4		1/4	
1/2	1,678.84	1/2	1,415.51	1/2	1,152.01	1/2	890.29	1/2	630.92	1/2	367.48	1/2	104.08	1/2		1/2		1/2	
3/4	1,673.36	3/4	1,410.03	3/4	1,146.52	3/4	884.89	3/4	625.47	3/4	361.99	3/4	98.60	3/4		3/4		3/4	
1	1,667.87	1	1,404.54	1	1,141.04	1	879.49	1	619.98	1	356.51	1	93.15	1		1		1	
1/4	1,662.39	1/4	1,399.05	1/4	1,135.55	1/4	874.08	1/4	614.50	1/4	351.02	1/4	87.70	1/4		1/4		1/4	
1/2	1,656.90	1/2	1,393.56	1/2	1,130.06	1/2	868.68	1/2	609.01	1/2	345.53	1/2	82.24	1/2		1/2		1/2	
3/4	1,651.41	3/4	1,388.07	3/4	1,124.57	3/4	863.27	3/4	603.52	3/4	340.04	3/4	76.79	3/4		3/4		3/4	
2	1,645.93	2	1,382.58	2	1,119.08	2	857.87	2	598.03	2	334.55	2	71.36	2		2		2	
1/4	1,640.44	1/4	1,377.09	1/4	1,113.59	1/4	852.46	1/4	592.54	1/4	329.06	1/4	65.93	1/4		1/4		1/4	
1/2	1,634.96	1/2	1,371.60	1/2	1,108.10	1/2	847.06	1/2	587.05	1/2	323.57	1/2	60.51	1/2		1/2		1/2	
3/4	1,629.47	3/4	1,366.11	3/4	1,102.61	3/4	841.65	3/4	581.56	3/4	318.08	3/4	55.08	3/4		3/4		3/4	
3	1,623.98	3	1,360.62	3	1,097.12	3	836.25	3	576.07	3	312.59	3	49.71	3		3		3	
1/4	1,618.50	1/4	1,355.13	1/4	1,091.63	1/4	830.84	1/4	570.58	1/4	307.10	1/4	44.33	1/4		1/4		1/4	
1/2	1,613.01	1/2	1,349.64	1/2	1,086.14	1/2	825.44	1/2	565.09	1/2	301.61	1/2	38.96	1/2		1/2		1/2	
3/4	1,607.53	3/4	1,344.15	3/4	1,080.65	3/4	820.03	3/4	559.61	3/4	296.12	3/4	33.58	3/4		3/4		3/4	
4	1,602.04	4	1,338.66	4	1,075.16	4	814.63	4	554.12	4	290.63	4	29.01	4		4		4	
1/4	1,596.55	1/4	1,333.17	1/4	1,069.67	1/4	809.23	1/4	548.63	1/4	285.15	1/4	24.45	1/4		1/4		1/4	
1/2	1,591.07	1/2	1,327.68	1/2	1,064.18	1/2	803.84	1/2	543.14	1/2	279.66	1/2	19.88	1/2		1/2		1/2	
3/4	1,585.58	3/4	1,322.19	3/4	1,058.69	3/4	798.44	3/4	537.65	3/4	274.17	3/4	15.31	3/4		3/4		3/4	
5	1,580.09	5	1,316.70	5	1,053.20	5	793.04	5	532.16	5	268.68	5	12.57	5		5		5	
1/4	1,574.61	1/4	1,311.21	1/4	1,047.71	1/4	787.64	1/4	526.67	1/4	263.19	1/4	9.83	1/4		1/4		1/4	
1/2	1,569.12	1/2	1,305.72	1/2	1,042.22	1/2	782.24	1/2	521.18	1/2	257.70	1/2	7.08	1/2		1/2		1/2	
3/4	1,563.64	3/4	1,300.23	3/4	1,036.73	3/4	776.84	3/4	515.69	3/4	252.21	3/4	4.34	3/4		3/4		3/4	
6	1,558.15	6	1,294.74	6	1,031.24	6	771.44	6	510.20	6	246.72	6	3.42	6		6		6	
1/4	1,552.66	1/4	1,289.25	1/4	1,025.75	1/4	766.04	1/4	504.71	1/4	241.23	1/4	2.51	1/4		1/4		1/4	
1/2	1,547.18	1/2	1,283.76	1/2	1,020.26	1/2	760.64	1/2	499.22	1/2	235.74	1/2	1.59	1/2		1/2		1/2	
3/4	1,541.69	3/4	1,278.28	3/4	1,014.77	3/4	755.24	3/4	493.74	3/4	230.25	3/4	0.68	3/4		3/4		3/4	
7	1,536.21	7	1,272.79	7	1,009.33	7	749.84	7	488.25	7	224.76	7		7		7		7	
1/4	1,530.72	1/4	1,267.30	1/4	1,003.88	1/4	744.44	1/4	482.76	1/4	219.28	1/4		1/4		1/4		1/4	
1/2	1,525.23	1/2	1,261.81	1/2	998.43	1/2	739.04	1/2	477.27	1/2	213.79	1/2		1/2		1/2		1/2	
3/4	1,519.75	3/4	1,256.32	3/4	992.98	3/4	733.64	3/4	471.78	3/4	208.30	3/4		3/4		3/4		3/4	
8	1,514.26	8	1,250.83	8	987.58	8	728.24	8	466.29	8	202.81	8		8		8		8	
1/4	1,508.78	1/4	1,245.34	1/4	982.17	1/4	722.84	1/4	460.80	1/4	197.32	1/4		1/4		1/4		1/4	
1/2	1,503.29	1/2	1,239.85	1/2	976.77	1/2	717.44	1/2	455.31	1/2	191.83	1/2		1/2		1/2		1/2	
3/4	1,497.80	3/4	1,234.36	3/4	971.37	3/4	712.05	3/4	449.82	3/4	186.34	3/4		3/4		3/4		3/4	
9	1,492.32	9	1,228.87	9	965.96	9	706.65	9	444.33	9	180.85	9		9		9		9	
1/4	1,486.83	1/4	1,223.38	1/4	960.56	1/4	701.25	1/4	438.84	1/4	175.36	1/4		1/4		1/4		1/4	
1/2	1,481.34	1/2	1,217.89	1/2	955.15	1/2	695.85	1/2	433.35	1/2	169.87	1/2		1/2		1/2		1/2	
3/4	1,475.86	3/4	1,212.40	3/4	949.75	3/4	690.45	3/4	427.86	3/4	164.38	3/4		3/4		3/4		3/4	
10	1,470.37	10	1,206.91	10	944.34	10	685.05	10	422.38	10	158.89	10		10		10		10	
1/4	1,464.89	1/4	1,201.42	1/4	938.94	1/4	679.65	1/4	416.89	1/4	153.41	1/4		1/4		1/4		1/4	
1/2	1,459.40	1/2	1,195.93	1/2	933.53	1/2	674.25	1/2	411.40	1/2	147.92	1/2		1/2		1/2		1/2	
3/4	1,453.91	3/4	1,190.44	3/4	928.13	3/4	668.85	3/4	405.91	3/4	142.43	3/4		3/4		3/4		3/4	
11	1,448.43	11	1,184.95	11	922.72	11	663.45	11	400.42	11	136.95	11		11		11		11	
1/4	1,442.94	1/4	1,179.46	1/4	917.32	1/4	658.05	1/4	394.93	1/4	131.46	1/4		1/4		1/4		1/4	
1/2	1,437.46	1/2	1,173.97	1/2	911.91	1/2	652.66	1/2	389.44	1/2	125.98	1/2		1/2		1/2		1/2	
3/4	1,431.97	3/4	1,168.48	3/4	906.51	3/4	647.26	3/4	383.95	3/4	120.49	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/30/2014 SW
CALCULATED: 01/31/2014 CL
VERIFIED: 02/20/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024



BARGE "KIRBY 10099"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	3,236.70	0	2,977.02	0	2,717.35	0	2,457.28	0	2,196.22	0	1,935.15
1/4		1/4		1/4		1/4		1/4	3,231.29	1/4	2,971.62	1/4	2,711.94	1/4	2,451.84	1/4	2,190.78	1/4	1,929.71
1/2		1/2		1/2		1/2	3,450.61	1/2	3,225.88	1/2	2,966.21	1/2	2,706.53	1/2	2,446.40	1/2	2,185.34	1/2	1,924.28
3/4		3/4		3/4		3/4	3,449.70	3/4	3,220.47	3/4	2,960.80	3/4	2,701.13	3/4	2,440.96	3/4	2,179.90	3/4	1,918.84
1		1		1		1	3,448.79	1	3,215.06	1	2,955.39	1	2,695.72	1	2,435.52	1	2,174.46	1	1,913.40
1/4		1/4		1/4		1/4	3,447.88	1/4	3,209.65	1/4	2,949.98	1/4	2,690.31	1/4	2,430.08	1/4	2,169.02	1/4	1,907.96
1/2		1/2		1/2		1/2	3,446.98	1/2	3,204.24	1/2	2,944.57	1/2	2,684.90	1/2	2,424.65	1/2	2,163.58	1/2	1,902.52
3/4		3/4		3/4		3/4	3,444.26	3/4	3,198.83	3/4	2,939.16	3/4	2,679.49	3/4	2,419.21	3/4	2,158.14	3/4	1,897.08
2		2		2		2	3,441.54	2	3,193.42	2	2,933.75	2	2,674.08	2	2,413.77	2	2,152.71	2	1,891.64
1/4		1/4		1/4		1/4	3,438.81	1/4	3,188.01	1/4	2,928.34	1/4	2,668.67	1/4	2,408.33	1/4	2,147.27	1/4	1,886.20
1/2		1/2		1/2		1/2	3,436.09	1/2	3,182.60	1/2	2,922.93	1/2	2,663.26	1/2	2,402.89	1/2	2,141.83	1/2	1,880.77
3/4		3/4		3/4		3/4	3,431.69	3/4	3,177.19	3/4	2,917.52	3/4	2,657.85	3/4	2,397.45	3/4	2,136.39	3/4	1,875.33
3		3		3		3	3,427.28	3	3,171.78	3	2,912.11	3	2,652.44	3	2,392.01	3	2,130.95	3	1,869.89
1/4		1/4		1/4		1/4	3,422.88	1/4	3,166.37	1/4	2,906.70	1/4	2,647.03	1/4	2,386.57	1/4	2,125.51	1/4	1,864.45
1/2		1/2		1/2		1/2	3,418.47	1/2	3,160.96	1/2	2,901.29	1/2	2,641.62	1/2	2,381.13	1/2	2,120.07	1/2	1,859.01
3/4		3/4		3/4		3/4	3,413.20	3/4	3,155.55	3/4	2,895.88	3/4	2,636.21	3/4	2,375.70	3/4	2,114.63	3/4	1,853.57
4		4		4		4	3,407.93	4	3,150.14	4	2,890.47	4	2,630.80	4	2,370.26	4	2,109.19	4	1,848.13
1/4		1/4		1/4		1/4	3,402.66	1/4	3,144.73	1/4	2,885.06	1/4	2,625.39	1/4	2,364.82	1/4	2,103.76	1/4	1,842.69
1/2		1/2		1/2		1/2	3,397.39	1/2	3,139.32	1/2	2,879.65	1/2	2,619.98	1/2	2,359.38	1/2	2,098.32	1/2	1,837.25
3/4		3/4		3/4		3/4	3,392.08	3/4	3,133.91	3/4	2,874.24	3/4	2,614.57	3/4	2,353.94	3/4	2,092.88	3/4	1,831.82
5		5		5		5	3,386.78	5	3,128.50	5	2,868.83	5	2,609.16	5	2,348.50	5	2,087.44	5	1,826.38
1/4		1/4		1/4		1/4	3,381.48	1/4	3,123.09	1/4	2,863.42	1/4	2,603.75	1/4	2,343.06	1/4	2,082.00	1/4	1,820.94
1/2		1/2		1/2		1/2	3,376.18	1/2	3,117.68	1/2	2,858.01	1/2	2,598.34	1/2	2,337.62	1/2	2,076.56	1/2	1,815.50
3/4		3/4		3/4		3/4	3,370.86	3/4	3,112.27	3/4	2,852.60	3/4	2,592.93	3/4	2,332.19	3/4	2,071.12	3/4	1,810.06
6		6		6		6	3,365.55	6	3,106.86	6	2,847.19	6	2,587.52	6	2,326.75	6	2,065.68	6	1,804.62
1/4		1/4		1/4		1/4	3,360.23	1/4	3,101.45	1/4	2,841.78	1/4	2,582.11	1/4	2,321.31	1/4	2,060.25	1/4	1,799.18
1/2		1/2		1/2		1/2	3,354.91	1/2	3,096.04	1/2	2,836.37	1/2	2,576.70	1/2	2,315.87	1/2	2,054.81	1/2	1,793.74
3/4		3/4		3/4		3/4	3,349.60	3/4	3,090.63	3/4	2,830.96	3/4	2,571.29	3/4	2,310.43	3/4	2,049.37	3/4	1,788.31
7		7		7		7	3,344.29	7	3,085.22	7	2,825.55	7	2,565.88	7	2,304.99	7	2,043.93	7	1,782.87
1/4		1/4		1/4		1/4	3,338.98	1/4	3,079.81	1/4	2,820.14	1/4	2,560.47	1/4	2,299.55	1/4	2,038.49	1/4	1,777.43
1/2		1/2		1/2		1/2	3,333.67	1/2	3,074.40	1/2	2,814.73	1/2	2,555.06	1/2	2,294.11	1/2	2,033.05	1/2	1,771.99
3/4		3/4		3/4		3/4	3,328.36	3/4	3,068.99	3/4	2,809.32	3/4	2,549.65	3/4	2,288.68	3/4	2,027.61	3/4	1,766.55
8		8		8		8	3,323.05	8	3,063.58	8	2,803.91	8	2,544.24	8	2,283.24	8	2,022.17	8	1,761.11
1/4		1/4		1/4		1/4	3,317.74	1/4	3,058.17	1/4	2,798.50	1/4	2,538.83	1/4	2,277.80	1/4	2,016.74	1/4	1,755.67
1/2		1/2		1/2		1/2	3,312.43	1/2	3,052.76	1/2	2,793.09	1/2	2,533.42	1/2	2,272.36	1/2	2,011.30	1/2	1,750.23
3/4		3/4		3/4		3/4	3,307.02	3/4	3,047.35	3/4	2,787.68	3/4	2,527.98	3/4	2,266.92	3/4	2,005.86	3/4	1,744.80
9		9		9		9	3,301.61	9	3,041.94	9	2,782.27	9	2,522.54	9	2,261.48	9	2,000.42	9	1,739.36
1/4		1/4		1/4		1/4	3,296.20	1/4	3,036.53	1/4	2,776.86	1/4	2,517.10	1/4	2,256.04	1/4	1,994.98	1/4	1,733.92
1/2		1/2		1/2		1/2	3,290.79	1/2	3,031.12	1/2	2,771.45	1/2	2,511.67	1/2	2,250.60	1/2	1,989.54	1/2	1,728.48
3/4		3/4		3/4		3/4	3,285.38	3/4	3,025.71	3/4	2,766.04	3/4	2,506.23	3/4	2,245.16	3/4	1,984.10	3/4	1,723.04
10		10		10		10	3,279.97	10	3,020.30	10	2,760.63	10	2,500.79	10	2,239.73	10	1,978.66	10	1,717.60
1/4		1/4		1/4		1/4	3,274.56	1/4	3,014.89	1/4	2,755.22	1/4	2,495.35	1/4	2,234.29	1/4	1,973.22	1/4	1,712.16
1/2		1/2		1/2		1/2	3,269.15	1/2	3,009.48	1/2	2,749.81	1/2	2,489.91	1/2	2,228.85	1/2	1,967.79	1/2	1,706.72
3/4		3/4		3/4		3/4	3,263.74	3/4	3,004.07	3/4	2,744.40	3/4	2,484.47	3/4	2,223.41	3/4	1,962.35	3/4	1,701.28
11		11		11		11	3,258.33	11	2,998.66	11	2,738.99	11	2,479.03	11	2,217.97	11	1,956.91	11	1,695.85
1/4		1/4		1/4		1/4	3,252.92	1/4	2,993.25	1/4	2,733.58	1/4	2,473.59	1/4	2,212.53	1/4	1,951.47	1/4	1,690.41
1/2		1/2		1/2		1/2	3,247.51	1/2	2,987.84	1/2	2,728.17	1/2	2,468.16	1/2	2,207.09	1/2	1,946.03	1/2	1,684.97
3/4		3/4		3/4		3/4	3,242.11	3/4	2,982.43	3/4	2,722.76	3/4	2,462.72	3/4	2,201.65	3/4	1,940.59	3/4	1,679.53

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 ON CENTERLINE AND 27'-06" FORWARD OF AFT BULKHEAD.

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BARGE "KIRBY 10099"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 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	1,674.09	0	1,413.03	0	1,151.81	0	891.37	0	630.97	0	369.77	0	108.61	0		0		0	
1/4	1,668.65	1/4	1,407.59	1/4	1,146.36	1/4	885.97	1/4	625.53	1/4	364.32	1/4	103.19	1/4		1/4		1/4	
1/2	1,663.21	1/2	1,402.15	1/2	1,140.92	1/2	880.56	1/2	620.09	1/2	358.88	1/2	97.76	1/2		1/2		1/2	
3/4	1,657.77	3/4	1,396.71	3/4	1,135.48	3/4	875.16	3/4	614.65	3/4	353.44	3/4	92.35	3/4		3/4		3/4	
1	1,652.34	1	1,391.27	1	1,130.04	1	869.75	1	609.21	1	348.00	1	86.95	1		1		1	
1/4	1,646.90	1/4	1,385.82	1/4	1,124.59	1/4	864.34	1/4	603.77	1/4	342.56	1/4	81.54	1/4		1/4		1/4	
1/2	1,641.46	1/2	1,380.38	1/2	1,119.15	1/2	858.94	1/2	598.32	1/2	337.11	1/2	76.13	1/2		1/2		1/2	
3/4	1,636.02	3/4	1,374.94	3/4	1,113.71	3/4	853.53	3/4	592.88	3/4	331.67	3/4	70.75	3/4		3/4		3/4	
2	1,630.58	2	1,369.50	2	1,108.27	2	848.13	2	587.44	2	326.23	2	65.37	2		2		2	
1/4	1,625.14	1/4	1,364.05	1/4	1,102.82	1/4	842.72	1/4	582.00	1/4	320.79	1/4	59.99	1/4		1/4		1/4	
1/2	1,619.70	1/2	1,358.61	1/2	1,097.38	1/2	837.31	1/2	576.56	1/2	315.35	1/2	54.61	1/2		1/2		1/2	
3/4	1,614.26	3/4	1,353.17	3/4	1,091.94	3/4	831.91	3/4	571.12	3/4	309.90	3/4	49.28	3/4		3/4		3/4	
3	1,608.83	3	1,347.73	3	1,086.50	3	826.50	3	565.67	3	304.46	3	43.95	3		3		3	
1/4	1,603.39	1/4	1,342.29	1/4	1,081.06	1/4	821.10	1/4	560.23	1/4	299.02	1/4	38.62	1/4		1/4		1/4	
1/2	1,597.95	1/2	1,336.84	1/2	1,075.61	1/2	815.69	1/2	554.79	1/2	293.58	1/2	33.30	1/2		1/2		1/2	
3/4	1,592.51	3/4	1,331.40	3/4	1,070.17	3/4	810.29	3/4	549.35	3/4	288.14	3/4	28.77	3/4		3/4		3/4	
4	1,587.07	4	1,325.96	4	1,064.73	4	804.89	4	543.91	4	282.69	4	24.24	4		4		4	
1/4	1,581.63	1/4	1,320.52	1/4	1,059.29	1/4	799.49	1/4	538.46	1/4	277.25	1/4	19.71	1/4		1/4		1/4	
1/2	1,576.19	1/2	1,315.07	1/2	1,053.84	1/2	794.09	1/2	533.02	1/2	271.81	1/2	15.19	1/2		1/2		1/2	
3/4	1,570.75	3/4	1,309.63	3/4	1,048.40	3/4	788.65	3/4	527.58	3/4	266.37	3/4	12.47	3/4		3/4		3/4	
5	1,565.31	5	1,304.19	5	1,042.96	5	783.21	5	522.14	5	260.93	5	9.75	5		5		5	
1/4	1,559.88	1/4	1,298.75	1/4	1,037.52	1/4	777.77	1/4	516.70	1/4	255.49	1/4	7.02	1/4		1/4		1/4	
1/2	1,554.44	1/2	1,293.30	1/2	1,032.07	1/2	772.34	1/2	511.25	1/2	250.04	1/2	4.30	1/2		1/2		1/2	
3/4	1,549.00	3/4	1,287.86	3/4	1,026.63	3/4	766.90	3/4	505.81	3/4	244.60	3/4	3.40	3/4		3/4		3/4	
6	1,543.56	6	1,282.42	6	1,021.19	6	761.46	6	500.37	6	239.16	6	2.49	6		6		6	
1/4	1,538.12	1/4	1,276.98	1/4	1,015.75	1/4	756.03	1/4	494.93	1/4	233.72	1/4	1.58	1/4		1/4		1/4	
1/2	1,532.68	1/2	1,271.54	1/2	1,010.31	1/2	750.59	1/2	489.49	1/2	228.28	1/2	0.68	1/2		1/2		1/2	
3/4	1,527.24	3/4	1,266.09	3/4	1,004.90	3/4	745.15	3/4	484.04	3/4	222.83	3/4		3/4		3/4		3/4	
7	1,521.80	7	1,260.65	7	999.49	7	739.72	7	478.60	7	217.39	7		7		7		7	
1/4	1,516.37	1/4	1,255.21	1/4	994.09	1/4	734.28	1/4	473.16	1/4	211.95	1/4		1/4		1/4		1/4	
1/2	1,510.93	1/2	1,249.77	1/2	988.68	1/2	728.84	1/2	467.72	1/2	206.51	1/2		1/2		1/2		1/2	
3/4	1,505.49	3/4	1,244.32	3/4	983.28	3/4	723.41	3/4	462.28	3/4	201.07	3/4		3/4		3/4		3/4	
8	1,500.05	8	1,238.88	8	977.87	8	717.97	8	456.84	8	195.62	8		8		8		8	
1/4	1,494.61	1/4	1,233.44	1/4	972.46	1/4	712.53	1/4	451.39	1/4	190.18	1/4		1/4		1/4		1/4	
1/2	1,489.17	1/2	1,228.00	1/2	967.06	1/2	707.09	1/2	445.95	1/2	184.74	1/2		1/2		1/2		1/2	
3/4	1,483.73	3/4	1,222.55	3/4	961.65	3/4	701.66	3/4	440.51	3/4	179.30	3/4		3/4		3/4		3/4	
9	1,478.29	9	1,217.11	9	956.25	9	696.22	9	435.07	9	173.86	9		9		9		9	
1/4	1,472.86	1/4	1,211.67	1/4	950.84	1/4	690.78	1/4	429.63	1/4	168.41	1/4		1/4		1/4		1/4	
1/2	1,467.42	1/2	1,206.23	1/2	945.43	1/2	685.35	1/2	424.18	1/2	162.97	1/2		1/2		1/2		1/2	
3/4	1,461.98	3/4	1,200.79	3/4	940.03	3/4	679.91	3/4	418.74	3/4	157.53	3/4		3/4		3/4		3/4	
10	1,456.54	10	1,195.34	10	934.62	10	674.47	10	413.30	10	152.09	10		10		10		10	
1/4	1,451.10	1/4	1,189.90	1/4	929.22	1/4	669.04	1/4	407.86	1/4	146.65	1/4		1/4		1/4		1/4	
1/2	1,445.66	1/2	1,184.46	1/2	923.81	1/2	663.60	1/2	402.42	1/2	141.21	1/2		1/2		1/2		1/2	
3/4	1,440.22	3/4	1,179.02	3/4	918.40	3/4	658.16	3/4	396.97	3/4	135.77	3/4		3/4		3/4		3/4	
11	1,434.78	11	1,173.57	11	913.00	11	652.73	11	391.53	11	130.33	11		11		11		11	
1/4	1,429.34	1/4	1,168.13	1/4	907.59	1/4	647.29	1/4	386.09	1/4	124.90	1/4		1/4		1/4		1/4	
1/2	1,423.91	1/2	1,162.69	1/2	902.19	1/2	641.86	1/2	380.65	1/2	119.46	1/2		1/2		1/2		1/2	
3/4	1,418.47	3/4	1,157.25	3/4	896.78	3/4	636.41	3/4	375.21	3/4	114.04	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/30/2014 SW
CALCULATED: 01/31/2014 CL
VERIFIED: 02/20/2024 JS

PRECISION MEASUREMENT
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CANCELS AND SUPERCEDES
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