

BARGE "KIRBY 30716B"

INNAGE 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 PORT	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8
1 STBD	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8
2 PORT	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8
2 STBD	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8
3 PORT	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8
3 STBD	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

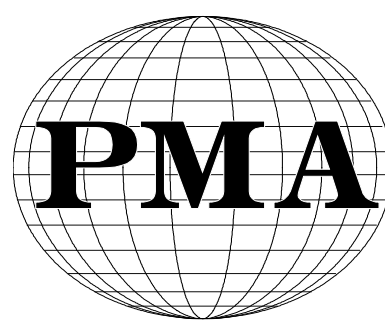
THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS 00-3/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 3/8"

LENGTH BETWEEN DRAFT MARKS: 285'-00"

January 24, 2024

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

<http://www.pmacorp.net>



BARGE "KIRBY 30716B"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

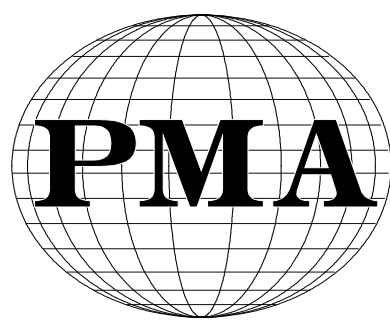
GAUGE HEIGHT 16'-07"

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	19.63	0	390.48	0	777.13	0	1,170.35	0	1,563.64	0	1,958.16	0	2,352.88	0	2,747.58	0	3,142.29	0	3,537.00
1/4	25.03	1/4	398.69	1/4	785.36	1/4	1,178.52	1/4	1,571.84	1/4	1,966.38	1/4	2,361.10	1/4	2,755.81	1/4	3,150.52	1/4	3,545.22
1/2	30.42	1/2	406.89	1/2	793.58	1/2	1,186.68	1/2	1,580.04	1/2	1,974.60	1/2	2,369.32	1/2	2,764.03	1/2	3,158.74	1/2	3,553.45
3/4	35.82	3/4	415.10	3/4	801.80	3/4	1,194.85	3/4	1,588.23	3/4	1,982.83	3/4	2,377.54	3/4	2,772.25	3/4	3,166.96	3/4	3,561.67
1	41.22	1	423.31	1	810.03	1	1,203.01	1	1,596.43	1	1,991.05	1	2,385.77	1	2,780.48	1	3,175.19	1	3,569.89
1/4	48.46	1/4	431.50	1/4	818.25	1/4	1,211.18	1/4	1,604.63	1/4	1,999.27	1/4	2,393.99	1/4	2,788.70	1/4	3,183.41	1/4	3,578.12
1/2	55.71	1/2	439.70	1/2	826.47	1/2	1,219.35	1/2	1,612.83	1/2	2,007.50	1/2	2,402.21	1/2	2,796.92	1/2	3,191.63	1/2	3,586.34
3/4	62.95	3/4	447.89	3/4	834.70	3/4	1,227.51	3/4	1,621.03	3/4	2,015.72	3/4	2,410.44	3/4	2,805.15	3/4	3,199.85	3/4	3,594.56
2	70.20	2	456.08	2	842.92	2	1,235.68	2	1,629.22	2	2,023.94	2	2,418.66	2	2,813.37	2	3,208.08	2	3,602.79
1/4	77.78	1/4	464.28	1/4	851.15	1/4	1,243.84	1/4	1,637.45	1/4	2,032.17	1/4	2,426.88	1/4	2,821.59	1/4	3,216.30	1/4	3,611.01
1/2	85.36	1/2	472.48	1/2	859.37	1/2	1,252.01	1/2	1,645.67	1/2	2,040.39	1/2	2,435.11	1/2	2,829.82	1/2	3,224.52	1/2	3,619.23
3/4	92.94	3/4	480.67	3/4	867.59	3/4	1,260.18	3/4	1,653.89	3/4	2,048.61	3/4	2,443.33	3/4	2,838.04	3/4	3,232.75	3/4	3,627.46
3	100.53	3	488.87	3	875.82	3	1,268.34	3	1,662.12	3	2,056.84	3	2,451.55	3	2,846.26	3	3,240.97	3	3,635.68
1/4	107.79	1/4	497.02	1/4	884.04	1/4	1,276.52	1/4	1,670.34	1/4	2,065.06	1/4	2,459.78	1/4	2,854.48	1/4	3,249.19	1/4	3,643.90
1/2	115.05	1/2	505.17	1/2	892.26	1/2	1,284.69	1/2	1,678.56	1/2	2,073.28	1/2	2,468.00	1/2	2,862.71	1/2	3,257.42	1/2	3,652.13
3/4	122.31	3/4	513.32	3/4	900.49	3/4	1,292.86	3/4	1,686.79	3/4	2,081.51	3/4	2,476.22	3/4	2,870.93	3/4	3,265.64	3/4	3,660.35
4	129.57	4	521.47	4	908.71	4	1,301.03	4	1,695.01	4	2,089.73	4	2,484.44	4	2,879.15	4	3,273.86	4	3,668.57
1/4	137.32	1/4	529.15	1/4	916.93	1/4	1,309.23	1/4	1,703.23	1/4	2,097.95	1/4	2,492.67	1/4	2,887.38	1/4	3,282.09	1/4	3,676.79
1/2	145.08	1/2	536.83	1/2	925.15	1/2	1,317.43	1/2	1,711.46	1/2	2,106.18	1/2	2,500.89	1/2	2,895.60	1/2	3,290.31	1/2	3,685.02
3/4	152.83	3/4	544.51	3/4	933.37	3/4	1,325.63	3/4	1,719.68	3/4	2,114.40	3/4	2,509.11	3/4	2,903.82	3/4	3,298.53	3/4	3,693.24
5	160.59	5	552.19	5	941.59	5	1,333.83	5	1,727.90	5	2,122.62	5	2,517.34	5	2,912.05	5	3,306.75	5	3,701.46
1/4	168.77	1/4	559.50	1/4	949.78	1/4	1,342.05	1/4	1,736.13	1/4	2,130.85	1/4	2,525.56	1/4	2,920.27	1/4	3,314.98	1/4	3,709.69
1/2	176.95	1/2	566.82	1/2	957.97	1/2	1,350.28	1/2	1,744.35	1/2	2,139.07	1/2	2,533.78	1/2	2,928.49	1/2	3,323.20	1/2	3,717.91
3/4	185.13	3/4	574.14	3/4	966.17	3/4	1,358.50	3/4	1,752.57	3/4	2,147.29	3/4	2,542.01	3/4	2,936.72	3/4	3,331.42	3/4	3,726.13
6	193.31	6	581.45	6	974.36	6	1,366.73	6	1,760.80	6	2,155.52	6	2,550.23	6	2,944.94	6	3,339.65	6	3,734.36
1/4	201.50	1/4	589.25	1/4	982.53	1/4	1,374.95	1/4	1,769.02	1/4	2,163.74	1/4	2,558.45	1/4	2,953.16	1/4	3,347.87	1/4	3,742.58
1/2	209.69	1/2	597.05	1/2	990.70	1/2	1,383.17	1/2	1,777.24	1/2	2,171.96	1/2	2,566.68	1/2	2,961.38	1/2	3,356.09	1/2	3,750.80
3/4	217.89	3/4	604.85	3/4	998.87	3/4	1,391.40	3/4	1,785.47	3/4	2,180.19	3/4	2,574.90	3/4	2,969.61	3/4	3,364.32	3/4	3,759.03
7	226.08	7	612.65	7	1,007.03	7	1,399.62	7	1,793.69	7	2,188.41	7	2,583.12	7	2,977.83	7	3,372.54	7	3,767.25
1/4	234.29	1/4	620.88	1/4	1,015.20	1/4	1,407.84	1/4	1,801.91	1/4	2,196.64	1/4	2,591.35	1/4	2,986.05	1/4	3,380.76	1/4	3,775.47
1/2	242.50	1/2	629.10	1/2	1,023.37	1/2	1,416.06	1/2	1,810.14	1/2	2,204.86	1/2	2,599.57	1/2	2,994.28	1/2	3,388.99	1/2	3,783.69
3/4	250.71	3/4	637.33	3/4	1,031.53	3/4	1,424.28	3/4	1,818.36	3/4	2,213.08	3/4	2,607.79	3/4	3,002.50	3/4	3,397.21	3/4	3,791.92
8	258.92	8	645.55	8	1,039.70	8	1,432.50	8	1,826.58	8	2,221.31	8	2,616.01	8	3,010.72	8	3,405.43	8	3,800.14
1/4	267.15	1/4	653.77	1/4	1,047.86	1/4	1,440.70	1/4	1,834.81	1/4	2,229.53	1/4	2,624.24	1/4	3,018.95	1/4	3,413.66	1/4	3,808.36
1/2	275.37	1/2	662.00	1/2	1,056.03	1/2	1,448.90	1/2	1,843.03	1/2	2,237.75	1/2	2,632.46	1/2	3,027.17	1/2	3,421.88	1/2	3,816.59
3/4	283.59	3/4	670.22	3/4	1,064.20	3/4	1,457.09	3/4	1,851.25	3/4	2,245.98	3/4	2,640.68	3/4	3,035.39	3/4	3,430.10	3/4	3,824.81
9	291.81	9	678.45	9	1,072.36	9	1,465.29	9	1,859.48	9	2,254.20	9	2,648.91	9	3,043.62	9	3,438.32	9	3,833.03
1/4	300.04	1/4	686.67	1/4	1,080.53	1/4	1,473.49	1/4	1,867.70	1/4	2,262.42	1/4	2,657.13	1/4	3,051.84	1/4	3,446.55	1/4	3,841.26
1/2	308.26	1/2	694.89	1/2	1,088.69	1/2	1,481.68	1/2	1,875.92	1/2	2,270.64	1/2	2,665.35	1/2	3,060.06	1/2	3,454.77	1/2	3,849.48
3/4	316.48	3/4	703.12	3/4	1,096.86	3/4	1,489.88	3/4	1,884.15	3/4	2,278.87	3/4	2,673.58	3/4	3,068.29	3/4	3,462.99	3/4	3,857.70
10	324.71	10	711.34	10	1,105.02	10	1,498.08	10	1,892.37	10	2,287.09	10	2,681.80	10	3,076.51	10	3,471.22	10	3,865.93
1/4	332.93	1/4	719.57	1/4	1,113.19	1/4	1,506.27	1/4	1,900.59	1/4	2,295.31	1/4	2,690.02	1/4	3,084.73	1/4	3,479.44	1/4	3,874.15
1/2	341.15	1/2	727.79	1/2	1,121.36	1/2	1,514.47	1/2	1,908.82	1/2	2,303.54	1/2	2,698.25	1/2	3,092.95	1/2	3,487.66	1/2	3,882.37
3/4	349.38	3/4	736.01	3/4	1,129.52	3/4	1,522.66	3/4	1,917.04	3/4	2,311.76	3/4	2,706.47	3/4	3,101.18	3/4	3,495.89	3/4	3,890.60
11	357.60	11	744.24	11	1,137.69	11	1,530.86	11	1,925.26	11	2,319.98	11	2,714.69	11	3,109.40	11	3,504.11	11	3,898.82
1/4	365.82	1/4	752.46	1/4	1,145.85	1/4	1,539.06	1/4	1,933.49	1/4	2,328.21	1/4	2,722.91	1/4	3,117.62	1/4	3,512.33	1/4	3,907.04
1/2	374.04	1/2	760.68	1/2	1,154.02	1/2	1,547.25	1/2	1,941.71	1/2	2,336.43	1/2	2,731.14	1/2	3,125.85	1/2	3,520.56	1/2	3,915.26
3/4	382.26	3/4	768.91	3/4	1,162.18	3/4	1,555.45	3/4	1,949.93	3/4	2,344.65	3/4	2,739.36	3/4	3,134.07	3/4	3,528.78	3/4	3,923.49

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 INNAGE GAUGES TAKEN AT 2" STANDPIPE.
 GAUGE POINT: (2" STANDPIPE) LOCATED 12'-10" OFF CENTERLINE AND 51'-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 30716B"

1 PORT
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07"

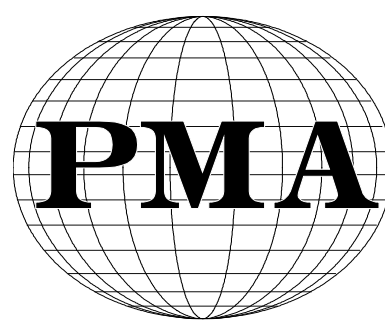
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,931.71	0	4,324.67	0	4,700.62	0	5,052.50	0		0		0		0		0		0	
1/4	3,939.93	1/4	4,332.70	1/4	4,708.14	1/4	5,059.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,948.16	1/2	4,340.73	1/2	4,715.67	1/2	5,066.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,956.38	3/4	4,348.76	3/4	4,723.19	3/4	5,074.21	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,964.60	1	4,356.79	1	4,730.72	1	5,081.44	1		1		1		1		1		1	
1/4	3,972.83	1/4	4,364.78	1/4	4,738.20	1/4	5,089.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,981.05	1/2	4,372.78	1/2	4,745.69	1/2	5,097.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,989.27	3/4	4,380.77	3/4	4,753.18	3/4	5,105.86	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,997.50	2	4,388.77	2	4,760.67	2	5,114.00	2		2		2		2		2		2	
1/4	4,005.72	1/4	4,396.73	1/4	4,768.13	1/4	5,122.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,013.94	1/2	4,404.69	1/2	4,775.58	1/2	5,130.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,022.16	3/4	4,412.65	3/4	4,783.03	3/4	5,138.41	3/4		3/4		3/4		3/4		3/4		3/4	
3	4,030.39	3	4,420.61	3	4,790.49	3	5,146.55	3		3		3		3		3		3	
1/4	4,038.61	1/4	4,428.53	1/4	4,797.91	1/4	5,154.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,046.83	1/2	4,436.45	1/2	4,805.32	1/2	5,162.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,055.06	3/4	4,444.38	3/4	4,812.74	3/4	5,170.97	3/4		3/4		3/4		3/4		3/4		3/4	
4	4,063.28	4	4,452.30	4	4,820.16	4	5,179.11	4		4		4		4		4		4	
1/4	4,071.50	1/4	4,460.19	1/4	4,827.54	1/4	5,187.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,079.73	1/2	4,468.08	1/2	4,834.93	1/2	5,195.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,087.95	3/4	4,475.97	3/4	4,842.31	3/4	5,203.52	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,096.17	5	4,483.86	5	4,849.69	5	5,211.66	5		5		5		5		5		5	
1/4	4,104.40	1/4	4,491.72	1/4	4,857.04	1/4	5,219.63	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,112.62	1/2	4,499.57	1/2	4,864.39	1/2	5,227.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,120.84	3/4	4,507.42	3/4	4,871.74	3/4	5,235.56	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,129.06	6	4,515.28	6	4,879.09	6	5,243.53	6		6		6		6		6		6	
1/4	4,137.29	1/4	4,523.10	1/4	4,886.40	1/4	5,250.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,145.51	1/2	4,530.92	1/2	4,893.71	1/2	5,256.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,153.74	3/4	4,538.74	3/4	4,901.03	3/4	5,263.32	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,161.96	7	4,546.56	7	4,908.34	7	5,269.92	7		7		7		7		7		7	
1/4	4,170.17	1/4	4,554.34	1/4	4,915.62	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,178.37	1/2	4,562.12	1/2	4,922.90	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,186.58	3/4	4,569.91	3/4	4,930.18	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	4,194.78	8	4,577.69	8	4,937.45	8		8		8		8		8		8		8	
1/4	4,202.95	1/4	4,585.44	1/4	4,944.70	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,211.12	1/2	4,593.19	1/2	4,951.94	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,219.29	3/4	4,600.94	3/4	4,959.18	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	4,227.46	9	4,608.69	9	4,966.43	9		9		9		9		9		9		9	
1/4	4,235.60	1/4	4,616.40	1/4	4,973.63	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,243.74	1/2	4,624.11	1/2	4,980.84	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,251.87	3/4	4,631.83	3/4	4,988.05	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	4,260.01	10	4,639.54	10	4,995.26	10		10		10		10		10		10		10	
1/4	4,268.11	1/4	4,647.22	1/4	5,002.43	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,276.21	1/2	4,654.89	1/2	5,009.60	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,284.31	3/4	4,662.56	3/4	5,016.78	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	4,292.41	11	4,670.24	11	5,023.95	11		11		11		11		11		11		11	
1/4	4,300.47	1/4	4,677.83	1/4	5,031.09	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,308.54	1/2	4,685.43	1/2	5,038.22	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,316.60	3/4	4,693.02	3/4	5,045.36	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/22/2004 CL - SW
VERIFIED: 01/19/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024

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



BARGE "KIRBY 30716B"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

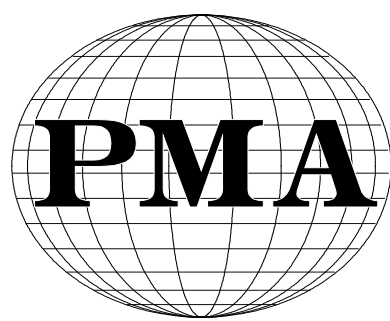
GAUGE HEIGHT 16'-07"

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	19.63	0	390.48	0	777.13	0	1,171.18	0	1,565.04	0	1,959.55	0	2,354.27	0	2,748.98	0	3,143.69	0	3,538.39
1/4	25.03	1/4	398.69	1/4	785.36	1/4	1,179.37	1/4	1,573.23	1/4	1,967.77	1/4	2,362.49	1/4	2,757.20	1/4	3,151.91	1/4	3,546.62
1/2	30.42	1/2	406.89	1/2	793.58	1/2	1,187.57	1/2	1,581.43	1/2	1,976.00	1/2	2,370.71	1/2	2,765.42	1/2	3,160.13	1/2	3,554.84
3/4	35.82	3/4	415.10	3/4	801.80	3/4	1,195.76	3/4	1,589.62	3/4	1,984.22	3/4	2,378.94	3/4	2,773.65	3/4	3,168.35	3/4	3,563.06
1	41.22	1	423.31	1	810.03	1	1,203.96	1	1,597.82	1	1,992.44	1	2,387.16	1	2,781.87	1	3,176.58	1	3,571.29
1/4	48.46	1/4	431.50	1/4	818.25	1/4	1,212.15	1/4	1,606.02	1/4	2,000.67	1/4	2,395.38	1/4	2,790.09	1/4	3,184.80	1/4	3,579.51
1/2	55.71	1/2	439.70	1/2	826.47	1/2	1,220.35	1/2	1,614.22	1/2	2,008.89	1/2	2,403.61	1/2	2,798.32	1/2	3,193.02	1/2	3,587.73
3/4	62.95	3/4	447.89	3/4	834.70	3/4	1,228.54	3/4	1,622.42	3/4	2,017.11	3/4	2,411.83	3/4	2,806.54	3/4	3,201.25	3/4	3,595.96
2	70.20	2	456.08	2	842.92	2	1,236.74	2	1,630.62	2	2,025.34	2	2,420.05	2	2,814.76	2	3,209.47	2	3,604.18
1/4	77.78	1/4	464.28	1/4	851.15	1/4	1,244.93	1/4	1,638.84	1/4	2,033.56	1/4	2,428.28	1/4	2,822.98	1/4	3,217.69	1/4	3,612.40
1/2	85.36	1/2	472.48	1/2	859.37	1/2	1,253.13	1/2	1,647.06	1/2	2,041.78	1/2	2,436.50	1/2	2,831.21	1/2	3,225.92	1/2	3,620.63
3/4	92.94	3/4	480.67	3/4	867.59	3/4	1,261.32	3/4	1,655.29	3/4	2,050.01	3/4	2,444.72	3/4	2,839.43	3/4	3,234.14	3/4	3,628.85
3	100.53	3	488.87	3	875.82	3	1,269.52	3	1,663.51	3	2,058.23	3	2,452.94	3	2,847.65	3	3,242.36	3	3,637.07
1/4	107.79	1/4	497.02	1/4	884.04	1/4	1,277.72	1/4	1,671.73	1/4	2,066.45	1/4	2,461.17	1/4	2,855.88	1/4	3,250.59	1/4	3,645.29
1/2	115.05	1/2	505.17	1/2	892.26	1/2	1,285.92	1/2	1,679.96	1/2	2,074.68	1/2	2,469.39	1/2	2,864.10	1/2	3,258.81	1/2	3,653.52
3/4	122.31	3/4	513.32	3/4	900.49	3/4	1,294.12	3/4	1,688.18	3/4	2,082.90	3/4	2,477.61	3/4	2,872.32	3/4	3,267.03	3/4	3,661.74
4	129.57	4	521.47	4	908.71	4	1,302.33	4	1,696.40	4	2,091.12	4	2,485.84	4	2,880.55	4	3,275.25	4	3,669.96
1/4	137.32	1/4	529.15	1/4	916.93	1/4	1,310.55	1/4	1,704.63	1/4	2,099.35	1/4	2,494.06	1/4	2,888.77	1/4	3,283.48	1/4	3,678.19
1/2	145.08	1/2	536.83	1/2	925.16	1/2	1,318.77	1/2	1,712.85	1/2	2,107.57	1/2	2,502.28	1/2	2,896.99	1/2	3,291.70	1/2	3,686.41
3/4	152.83	3/4	544.51	3/4	933.38	3/4	1,327.00	3/4	1,721.07	3/4	2,115.79	3/4	2,510.51	3/4	2,905.22	3/4	3,299.92	3/4	3,694.63
5	160.59	5	552.19	5	941.61	5	1,335.22	5	1,729.30	5	2,124.01	5	2,518.73	5	2,913.44	5	3,308.15	5	3,702.86
1/4	168.77	1/4	559.50	1/4	949.83	1/4	1,343.45	1/4	1,737.52	1/4	2,132.24	1/4	2,526.95	1/4	2,921.66	1/4	3,316.37	1/4	3,711.08
1/2	176.95	1/2	566.82	1/2	958.05	1/2	1,351.67	1/2	1,745.74	1/2	2,140.46	1/2	2,535.18	1/2	2,929.88	1/2	3,324.59	1/2	3,719.30
3/4	185.13	3/4	574.14	3/4	966.27	3/4	1,359.89	3/4	1,753.97	3/4	2,148.68	3/4	2,543.40	3/4	2,938.11	3/4	3,332.82	3/4	3,727.53
6	193.31	6	581.45	6	974.49	6	1,368.12	6	1,762.19	6	2,156.91	6	2,551.62	6	2,946.33	6	3,341.04	6	3,735.75
1/4	201.50	1/4	589.25	1/4	982.69	1/4	1,376.34	1/4	1,770.41	1/4	2,165.13	1/4	2,559.85	1/4	2,954.55	1/4	3,349.26	1/4	3,743.97
1/2	209.69	1/2	597.05	1/2	990.88	1/2	1,384.56	1/2	1,778.64	1/2	2,173.36	1/2	2,568.07	1/2	2,962.78	1/2	3,357.49	1/2	3,752.19
3/4	217.89	3/4	604.85	3/4	999.08	3/4	1,392.79	3/4	1,786.86	3/4	2,181.58	3/4	2,576.29	3/4	2,971.00	3/4	3,365.71	3/4	3,760.42
7	226.08	7	612.65	7	1,007.28	7	1,401.01	7	1,795.08	7	2,189.81	7	2,584.51	7	2,979.22	7	3,373.93	7	3,768.64
1/4	234.29	1/4	620.88	1/4	1,015.48	1/4	1,409.23	1/4	1,803.31	1/4	2,198.03	1/4	2,592.74	1/4	2,987.45	1/4	3,382.16	1/4	3,776.86
1/2	242.50	1/2	629.10	1/2	1,023.67	1/2	1,417.45	1/2	1,811.53	1/2	2,206.25	1/2	2,600.96	1/2	2,995.67	1/2	3,390.38	1/2	3,785.09
3/4	250.71	3/4	637.33	3/4	1,031.87	3/4	1,425.67	3/4	1,819.75	3/4	2,214.48	3/4	2,609.18	3/4	3,003.89	3/4	3,398.60	3/4	3,793.31
8	258.92	8	645.55	8	1,040.06	8	1,433.90	8	1,827.98	8	2,222.70	8	2,617.41	8	3,012.12	8	3,406.82	8	3,801.53
1/4	267.15	1/4	653.77	1/4	1,048.26	1/4	1,442.09	1/4	1,836.20	1/4	2,230.92	1/4	2,625.63	1/4	3,020.34	1/4	3,415.05	1/4	3,809.76
1/2	275.37	1/2	662.00	1/2	1,056.45	1/2	1,450.29	1/2	1,844.42	1/2	2,239.14	1/2	2,633.85	1/2	3,028.56	1/2	3,423.27	1/2	3,817.98
3/4	283.59	3/4	670.22	3/4	1,064.65	3/4	1,458.48	3/4	1,852.65	3/4	2,247.37	3/4	2,642.08	3/4	3,036.79	3/4	3,431.49	3/4	3,826.20
9	291.81	9	678.45	9	1,072.84	9	1,466.68	9	1,860.87	9	2,255.59	9	2,650.30	9	3,045.01	9	3,439.72	9	3,834.43
1/4	300.04	1/4	686.67	1/4	1,081.04	1/4	1,474.88	1/4	1,869.09	1/4	2,263.81	1/4	2,658.52	1/4	3,053.23	1/4	3,447.94	1/4	3,842.65
1/2	308.26	1/2	694.89	1/2	1,089.23	1/2	1,483.07	1/2	1,877.32	1/2	2,272.04	1/2	2,666.75	1/2	3,061.45	1/2	3,456.16	1/2	3,850.87
3/4	316.48	3/4	703.12	3/4	1,097.42	3/4	1,491.27	3/4	1,885.54	3/4	2,280.26	3/4	2,674.97	3/4	3,069.68	3/4	3,464.39	3/4	3,859.10
10	324.71	10	711.34	10	1,105.62	10	1,499.47	10	1,893.76	10	2,288.48	10	2,683.19	10	3,077.90	10	3,472.61	10	3,867.32
1/4	332.93	1/4	719.57	1/4	1,113.81	1/4	1,507.66	1/4	1,901.99	1/4	2,296.71	1/4	2,691.41	1/4	3,086.12	1/4	3,480.83	1/4	3,875.54
1/2	341.15	1/2	727.79	1/2	1,122.01	1/2	1,515.86	1/2	1,910.21	1/2	2,304.93	1/2	2,699.64	1/2	3,094.35	1/2	3,489.06	1/2	3,883.76
3/4	349.38	3/4	736.01	3/4	1,130.20	3/4	1,524.06	3/4	1,918.43	3/4	2,313.15	3/4	2,707.86	3/4	3,102.57	3/4	3,497.28	3/4	3,891.99
11	357.60	11	744.24	11	1,138.40	11	1,532.25	11	1,926.66	11	2,321.38	11	2,716.08	11	3,110.79	11	3,505.50	11	3,900.21
1/4	365.82	1/4	752.46	1/4	1,146.59	1/4	1,540.45	1/4	1,934.88	1/4	2,329.60	1/4	2,724.31	1/4	3,119.02	1/4	3,513.72	1/4	3,908.43
1/2	374.04	1/2	760.68	1/2	1,154.79	1/2	1,548.65	1/2	1,943.10	1/2	2,337.82	1/2	2,732.53	1/2	3,127.24	1/2	3,521.95	1/2	3,916.66
3/4	382.26	3/4	768.91	3/4	1,162.98	3/4	1,556.84	3/4	1,951.33	3/4	2,346.04	3/4	2,740.75	3/4	3,135.46	3/4	3,530.17	3/4	3,924.88

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 INNAGE GAUGES TAKEN AT 2" STANDPIPE.
 GAUGE POINT: (2" STANDPIPE) LOCATED 12'-10" OFF CENTERLINE AND 51'-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 30716B"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07"

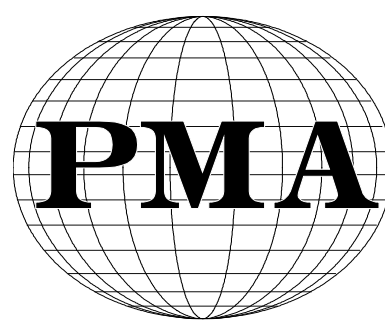
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,933.10	0	4,326.06	0	4,702.01	0	5,053.89	0		0		0		0		0		0	
1/4	3,941.33	1/4	4,334.09	1/4	4,709.54	1/4	5,061.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,949.55	1/2	4,342.12	1/2	4,717.06	1/2	5,068.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,957.77	3/4	4,350.15	3/4	4,724.58	3/4	5,075.60	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,966.00	1	4,358.18	1	4,732.11	1	5,082.83	1		1		1		1		1		1	
1/4	3,974.22	1/4	4,366.17	1/4	4,739.60	1/4	5,090.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,982.44	1/2	4,374.17	1/2	4,747.09	1/2	5,099.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,990.66	3/4	4,382.16	3/4	4,754.57	3/4	5,107.25	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,998.89	2	4,390.16	2	4,762.06	2	5,115.39	2		2		2		2		2		2	
1/4	4,007.11	1/4	4,398.12	1/4	4,769.52	1/4	5,123.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,015.33	1/2	4,406.08	1/2	4,776.97	1/2	5,131.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,023.56	3/4	4,414.04	3/4	4,784.42	3/4	5,139.80	3/4		3/4		3/4		3/4		3/4		3/4	
3	4,031.78	3	4,422.00	3	4,791.88	3	5,147.94	3		3		3		3		3		3	
1/4	4,040.00	1/4	4,429.92	1/4	4,799.30	1/4	5,156.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,048.23	1/2	4,437.85	1/2	4,806.72	1/2	5,164.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,056.45	3/4	4,445.77	3/4	4,814.13	3/4	5,172.36	3/4		3/4		3/4		3/4		3/4		3/4	
4	4,064.67	4	4,453.70	4	4,821.55	4	5,180.50	4		4		4		4		4		4	
1/4	4,072.90	1/4	4,461.59	1/4	4,828.94	1/4	5,188.64	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,081.12	1/2	4,469.47	1/2	4,836.32	1/2	5,196.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,089.34	3/4	4,477.36	3/4	4,843.70	3/4	5,204.91	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,097.56	5	4,485.25	5	4,851.09	5	5,213.05	5		5		5		5		5		5	
1/4	4,105.79	1/4	4,493.11	1/4	4,858.44	1/4	5,221.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,114.01	1/2	4,500.96	1/2	4,865.78	1/2	5,228.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,122.23	3/4	4,508.82	3/4	4,873.13	3/4	5,236.96	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,130.46	6	4,516.67	6	4,880.48	6	5,244.92	6		6		6		6		6		6	
1/4	4,138.68	1/4	4,524.49	1/4	4,887.79	1/4	5,251.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,146.91	1/2	4,532.31	1/2	4,895.11	1/2	5,258.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,155.13	3/4	4,540.13	3/4	4,902.42	3/4	5,264.72	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,163.35	7	4,547.95	7	4,909.73	7	5,271.31	7		7		7		7		7		7	
1/4	4,171.56	1/4	4,555.73	1/4	4,917.01	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,179.76	1/2	4,563.52	1/2	4,924.29	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,187.97	3/4	4,571.30	3/4	4,931.57	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	4,196.18	8	4,579.08	8	4,938.85	8		8		8		8		8		8		8	
1/4	4,204.35	1/4	4,586.83	1/4	4,946.09	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,212.52	1/2	4,594.58	1/2	4,953.33	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,220.69	3/4	4,602.33	3/4	4,960.57	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	4,228.86	9	4,610.08	9	4,967.82	9		9		9		9		9		9		9	
1/4	4,236.99	1/4	4,617.79	1/4	4,975.03	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,245.13	1/2	4,625.51	1/2	4,982.23	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,253.26	3/4	4,633.22	3/4	4,989.44	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	4,261.40	10	4,640.93	10	4,996.65	10		10		10		10		10		10		10	
1/4	4,269.50	1/4	4,648.61	1/4	5,003.82	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,277.60	1/2	4,656.28	1/2	5,010.99	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,285.70	3/4	4,663.95	3/4	5,018.17	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	4,293.80	11	4,671.63	11	5,025.34	11		11		11		11		11		11		11	
1/4	4,301.86	1/4	4,679.22	1/4	5,032.48	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,309.93	1/2	4,686.82	1/2	5,039.62	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,317.99	3/4	4,694.42	3/4	5,046.75	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/22/2004 CL - SW
VERIFIED: 01/19/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024

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



BARGE "KIRBY 30716B"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

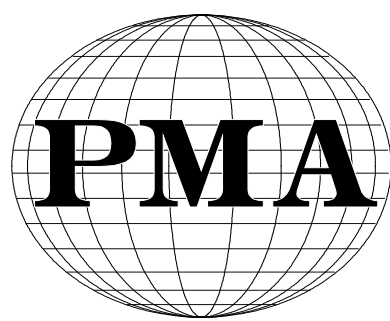
GAUGE HEIGHT 16'-07 1/2"

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	19.57	0	389.12	0	774.41	0	1,156.61	0	1,541.09	0	1,932.46	0	2,325.83	0	2,719.19	0	3,112.56	0	3,505.92
1/4	24.95	1/4	397.29	1/4	782.61	1/4	1,164.45	1/4	1,549.11	1/4	1,940.65	1/4	2,334.02	1/4	2,727.39	1/4	3,120.75	1/4	3,514.12
1/2	30.32	1/2	405.47	1/2	790.80	1/2	1,172.30	1/2	1,557.13	1/2	1,948.85	1/2	2,342.22	1/2	2,735.58	1/2	3,128.95	1/2	3,522.31
3/4	35.70	3/4	413.65	3/4	799.00	3/4	1,180.14	3/4	1,565.15	3/4	1,957.04	3/4	2,350.41	3/4	2,743.78	3/4	3,137.14	3/4	3,530.51
1	41.08	1	421.83	1	807.19	1	1,187.98	1	1,573.17	1	1,965.24	1	2,358.61	1	2,751.97	1	3,145.34	1	3,538.70
1/4	48.30	1/4	430.00	1/4	815.39	1/4	1,195.83	1/4	1,581.19	1/4	1,973.43	1/4	2,366.80	1/4	2,760.17	1/4	3,153.53	1/4	3,546.90
1/2	55.52	1/2	438.16	1/2	823.58	1/2	1,203.67	1/2	1,589.22	1/2	1,981.63	1/2	2,375.00	1/2	2,768.36	1/2	3,161.73	1/2	3,555.09
3/4	62.74	3/4	446.33	3/4	831.78	3/4	1,211.52	3/4	1,597.24	3/4	1,989.82	3/4	2,383.19	3/4	2,776.56	3/4	3,169.92	3/4	3,563.29
2	69.96	2	454.49	2	839.97	2	1,219.36	2	1,605.26	2	1,998.02	2	2,391.39	2	2,784.75	2	3,178.12	2	3,571.48
1/4	77.51	1/4	462.66	1/4	848.17	1/4	1,227.20	1/4	1,613.30	1/4	2,006.21	1/4	2,399.59	1/4	2,792.95	1/4	3,186.31	1/4	3,579.68
1/2	85.07	1/2	470.83	1/2	856.37	1/2	1,235.05	1/2	1,621.34	1/2	2,014.41	1/2	2,407.78	1/2	2,801.14	1/2	3,194.51	1/2	3,587.87
3/4	92.62	3/4	479.00	3/4	864.56	3/4	1,242.89	3/4	1,629.38	3/4	2,022.61	3/4	2,415.98	3/4	2,809.34	3/4	3,202.70	3/4	3,596.07
3	100.18	3	487.16	3	872.76	3	1,250.74	3	1,637.43	3	2,030.80	3	2,424.17	3	2,817.54	3	3,210.90	3	3,604.26
1/4	107.41	1/4	495.29	1/4	880.91	1/4	1,258.59	1/4	1,645.62	1/4	2,039.00	1/4	2,432.37	1/4	2,825.73	1/4	3,219.10	1/4	3,612.46
1/2	114.64	1/2	503.41	1/2	889.07	1/2	1,266.44	1/2	1,653.82	1/2	2,047.19	1/2	2,440.56	1/2	2,833.93	1/2	3,227.29	1/2	3,620.65
3/4	121.87	3/4	511.53	3/4	897.22	3/4	1,274.29	3/4	1,662.01	3/4	2,055.39	3/4	2,448.76	3/4	2,842.12	3/4	3,235.49	3/4	3,628.85
4	129.10	4	519.65	4	905.38	4	1,282.14	4	1,670.21	4	2,063.58	4	2,456.95	4	2,850.32	4	3,243.68	4	3,637.05
1/4	136.83	1/4	527.30	1/4	913.25	1/4	1,290.05	1/4	1,678.40	1/4	2,071.78	1/4	2,465.15	1/4	2,858.51	1/4	3,251.88	1/4	3,645.24
1/2	144.55	1/2	534.96	1/2	921.12	1/2	1,297.97	1/2	1,686.60	1/2	2,079.97	1/2	2,473.34	1/2	2,866.71	1/2	3,260.07	1/2	3,653.44
3/4	152.28	3/4	542.61	3/4	929.00	3/4	1,305.88	3/4	1,694.79	3/4	2,088.17	3/4	2,481.54	3/4	2,874.90	3/4	3,268.27	3/4	3,661.63
5	160.00	5	550.26	5	936.87	5	1,313.79	5	1,702.99	5	2,096.36	5	2,489.73	5	2,883.10	5	3,276.46	5	3,669.83
1/4	168.16	1/4	557.54	1/4	944.74	1/4	1,321.99	1/4	1,711.18	1/4	2,104.56	1/4	2,497.93	1/4	2,891.29	1/4	3,284.66	1/4	3,678.02
1/2	176.31	1/2	564.83	1/2	952.61	1/2	1,330.18	1/2	1,719.38	1/2	2,112.75	1/2	2,506.12	1/2	2,899.49	1/2	3,292.85	1/2	3,686.22
3/4	184.46	3/4	572.12	3/4	960.48	3/4	1,338.38	3/4	1,727.57	3/4	2,120.95	3/4	2,514.32	3/4	2,907.68	3/4	3,301.05	3/4	3,694.41
6	192.62	6	579.40	6	968.35	6	1,346.58	6	1,735.77	6	2,129.14	6	2,522.51	6	2,915.88	6	3,309.24	6	3,702.61
1/4	200.78	1/4	587.18	1/4	976.19	1/4	1,354.77	1/4	1,743.96	1/4	2,137.34	1/4	2,530.71	1/4	2,924.07	1/4	3,317.44	1/4	3,710.80
1/2	208.95	1/2	594.95	1/2	984.04	1/2	1,362.97	1/2	1,752.16	1/2	2,145.54	1/2	2,538.90	1/2	2,932.27	1/2	3,325.63	1/2	3,719.00
3/4	217.11	3/4	602.72	3/4	991.89	3/4	1,371.16	3/4	1,760.36	3/4	2,153.73	3/4	2,547.10	3/4	2,940.46	3/4	3,333.83	3/4	3,727.19
7	225.27	7	610.49	7	999.74	7	1,379.36	7	1,768.55	7	2,161.93	7	2,555.29	7	2,948.66	7	3,342.02	7	3,735.39
1/4	233.46	1/4	618.69	1/4	1,007.58	1/4	1,387.56	1/4	1,776.75	1/4	2,170.12	1/4	2,563.49	1/4	2,956.85	1/4	3,350.22	1/4	3,743.58
1/2	241.64	1/2	626.88	1/2	1,015.42	1/2	1,395.75	1/2	1,784.94	1/2	2,178.32	1/2	2,571.68	1/2	2,965.05	1/2	3,358.41	1/2	3,751.78
3/4	249.82	3/4	635.08	3/4	1,023.27	3/4	1,403.95	3/4	1,793.14	3/4	2,186.51	3/4	2,579.88	3/4	2,973.24	3/4	3,366.61	3/4	3,759.97
8	258.00	8	643.28	8	1,031.11	8	1,412.14	8	1,801.33	8	2,194.71	8	2,588.07	8	2,981.44	8	3,374.80	8	3,768.17
1/4	266.20	1/4	651.47	1/4	1,038.95	1/4	1,420.32	1/4	1,809.53	1/4	2,202.90	1/4	2,596.27	1/4	2,989.63	1/4	3,383.00	1/4	3,776.36
1/2	274.39	1/2	659.67	1/2	1,046.80	1/2	1,428.49	1/2	1,817.72	1/2	2,211.10	1/2	2,604.46	1/2	2,997.83	1/2	3,391.19	1/2	3,784.56
3/4	282.59	3/4	667.86	3/4	1,054.64	3/4	1,436.67	3/4	1,825.92	3/4	2,219.29	3/4	2,612.66	3/4	3,006.02	3/4	3,399.39	3/4	3,792.75
9	290.78	9	676.06	9	1,062.49	9	1,444.84	9	1,834.11	9	2,227.49	9	2,620.85	9	3,014.22	9	3,407.58	9	3,800.95
1/4	298.98	1/4	684.26	1/4	1,070.33	1/4	1,452.86	1/4	1,842.31	1/4	2,235.68	1/4	2,629.05	1/4	3,022.41	1/4	3,415.78	1/4	3,809.14
1/2	307.17	1/2	692.45	1/2	1,078.17	1/2	1,460.88	1/2	1,850.50	1/2	2,243.88	1/2	2,637.24	1/2	3,030.61	1/2	3,423.97	1/2	3,817.34
3/4	315.37	3/4	700.65	3/4	1,086.02	3/4	1,468.90	3/4	1,858.70	3/4	2,252.07	3/4	2,645.44	3/4	3,038.80	3/4	3,432.17	3/4	3,825.53
10	323.56	10	708.85	10	1,093.86	10	1,476.93	10	1,866.89	10	2,260.27	10	2,653.63	10	3,047.00	10	3,440.36	10	3,833.73
1/4	331.76	1/4	717.04	1/4	1,101.70	1/4	1,484.95	1/4	1,875.09	1/4	2,268.46	1/4	2,661.83	1/4	3,055.19	1/4	3,448.56	1/4	3,841.92
1/2	339.95	1/2	725.24	1/2	1,109.55	1/2	1,492.97	1/2	1,883.29	1/2	2,276.66	1/2	2,670.02	1/2	3,063.39	1/2	3,456.75	1/2	3,850.12
3/4	348.15	3/4	733.43	3/4	1,117.39	3/4	1,500.99	3/4	1,891.48	3/4	2,284.85	3/4	2,678.22	3/4	3,071.58	3/4	3,464.95	3/4	3,858.31
11	356.34	11	741.63	11	1,125.24	11	1,509.01	11	1,899.68	11	2,293.05	11	2,686.41	11	3,079.78	11	3,473.14	11	3,866.51
1/4	364.54	1/4	749.82	1/4	1,133.08	1/4	1,517.03	1/4	1,907.87	1/4	2,301.24	1/4	2,694.61	1/4	3,087.97	1/4	3,481.34	1/4	3,874.70
1/2	372.73	1/2	758.02	1/2	1,140.92	1/2	1,525.05	1/2	1,916.07	1/2	2,309.44	1/2	2,702.80	1/2	3,096.17	1/2	3,489.53	1/2	3,882.90
3/4	380.92	3/4	766.21	3/4	1,148.77	3/4	1,533.07	3/4	1,924.26	3/4	2,317.63	3/4	2,711.00	3/4	3,104.36	3/4	3,497.73	3/4	3,891.09

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 INNAGE GAUGES TAKEN AT 2" STANDPIPE.
 GAUGE POINT: (2" STANDPIPE) LOCATED 12'-10" OFF CENTERLINE AND 51'-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 30716B"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/2"

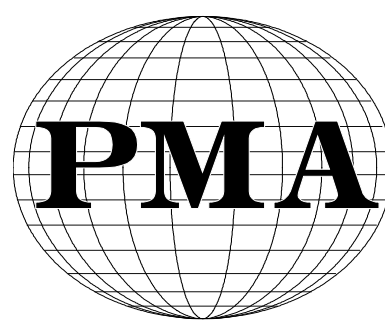
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,899.29	0	4,290.90	0	4,665.56	0	5,016.22	0		0		0		0		0		0	
1/4	3,907.48	1/4	4,298.90	1/4	4,673.06	1/4	5,023.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,915.68	1/2	4,306.90	1/2	4,680.56	1/2	5,030.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,923.87	3/4	4,314.91	3/4	4,688.06	3/4	5,037.85	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,932.07	1	4,322.91	1	4,695.56	1	5,045.06	1		1		1		1		1		1	
1/4	3,940.26	1/4	4,330.88	1/4	4,703.02	1/4	5,053.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,948.46	1/2	4,338.84	1/2	4,710.48	1/2	5,061.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,956.65	3/4	4,346.81	3/4	4,717.94	3/4	5,069.39	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,964.85	2	4,354.78	2	4,725.41	2	5,077.50	2		2		2		2		2		2	
1/4	3,973.04	1/4	4,362.71	1/4	4,732.83	1/4	5,085.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,981.24	1/2	4,370.64	1/2	4,740.26	1/2	5,093.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,989.43	3/4	4,378.58	3/4	4,747.69	3/4	5,101.83	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,997.63	3	4,386.51	3	4,755.12	3	5,109.94	3		3		3		3		3		3	
1/4	4,005.82	1/4	4,394.41	1/4	4,762.51	1/4	5,118.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,014.02	1/2	4,402.30	1/2	4,769.90	1/2	5,126.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,022.21	3/4	4,410.20	3/4	4,777.30	3/4	5,134.27	3/4		3/4		3/4		3/4		3/4		3/4	
4	4,030.41	4	4,418.10	4	4,784.69	4	5,142.39	4		4		4		4		4		4	
1/4	4,038.61	1/4	4,425.96	1/4	4,792.05	1/4	5,150.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,046.80	1/2	4,433.82	1/2	4,799.40	1/2	5,158.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,055.00	3/4	4,441.69	3/4	4,806.76	3/4	5,166.72	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,063.19	5	4,449.55	5	4,814.12	5	5,174.83	5		5		5		5		5		5	
1/4	4,071.39	1/4	4,457.38	1/4	4,821.44	1/4	5,182.77	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,079.58	1/2	4,465.20	1/2	4,828.77	1/2	5,190.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,087.78	3/4	4,473.03	3/4	4,836.09	3/4	5,198.65	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,095.97	6	4,480.86	6	4,843.41	6	5,206.59	6		6		6		6		6		6	
1/4	4,104.16	1/4	4,488.65	1/4	4,850.70	1/4	5,213.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,112.36	1/2	4,496.44	1/2	4,857.99	1/2	5,219.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,120.55	3/4	4,504.24	3/4	4,865.27	3/4	5,226.31	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,128.75	7	4,512.03	7	4,872.56	7	5,232.88	7		7		7		7		7		7	
1/4	4,136.92	1/4	4,519.79	1/4	4,879.81	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,145.10	1/2	4,527.54	1/2	4,887.07	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,153.28	3/4	4,535.30	3/4	4,894.32	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	4,161.46	8	4,543.06	8	4,901.57	8		8		8		8		8		8		8	
1/4	4,169.60	1/4	4,550.78	1/4	4,908.79	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,177.74	1/2	4,558.50	1/2	4,916.01	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,185.88	3/4	4,566.22	3/4	4,923.23	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	4,194.03	9	4,573.95	9	4,930.44	9		9		9		9		9		9		9	
1/4	4,202.14	1/4	4,581.63	1/4	4,937.63	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,210.24	1/2	4,589.32	1/2	4,944.81	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,218.35	3/4	4,597.01	3/4	4,951.99	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	4,226.46	10	4,604.70	10	4,959.17	10		10		10		10		10		10		10	
1/4	4,234.53	1/4	4,612.34	1/4	4,966.32	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,242.60	1/2	4,619.99	1/2	4,973.47	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,250.68	3/4	4,627.64	3/4	4,980.62	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	4,258.75	11	4,635.29	11	4,987.77	11		11		11		11		11		11		11	
1/4	4,266.79	1/4	4,642.85	1/4	4,994.88	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,274.82	1/2	4,650.42	1/2	5,001.99	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,282.86	3/4	4,657.99	3/4	5,009.10	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/22/2004 CL - SW
VERIFIED: 01/19/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024

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



BARGE "KIRBY 30716B"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

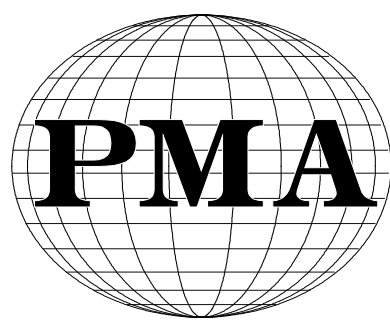
GAUGE HEIGHT 16'-07 1/2"

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	19.56	0	389.03	0	774.25	0	1,166.86	0	1,557.56	0	1,948.84	0	2,342.12	0	2,735.40	0	3,128.68	0	3,521.96
1/4	24.94	1/4	397.21	1/4	782.44	1/4	1,175.03	1/4	1,565.58	1/4	1,957.03	1/4	2,350.32	1/4	2,743.59	1/4	3,136.87	1/4	3,530.15
1/2	30.32	1/2	405.39	1/2	790.64	1/2	1,183.19	1/2	1,573.59	1/2	1,965.22	1/2	2,358.51	1/2	2,751.79	1/2	3,145.07	1/2	3,538.34
3/4	35.69	3/4	413.56	3/4	798.83	3/4	1,191.36	3/4	1,581.61	3/4	1,973.42	3/4	2,366.70	3/4	2,759.98	3/4	3,153.26	3/4	3,546.54
1	41.07	1	421.74	1	807.02	1	1,199.52	1	1,589.63	1	1,981.61	1	2,374.90	1	2,768.17	1	3,161.45	1	3,554.73
1/4	48.29	1/4	429.90	1/4	815.22	1/4	1,207.69	1/4	1,597.65	1/4	1,989.80	1/4	2,383.09	1/4	2,776.37	1/4	3,169.65	1/4	3,562.92
1/2	55.51	1/2	438.07	1/2	823.41	1/2	1,215.85	1/2	1,605.67	1/2	1,998.00	1/2	2,391.28	1/2	2,784.56	1/2	3,177.84	1/2	3,571.12
3/4	62.73	3/4	446.23	3/4	831.60	3/4	1,224.02	3/4	1,613.69	3/4	2,006.19	3/4	2,399.48	3/4	2,792.75	3/4	3,186.03	3/4	3,579.31
2	69.95	2	454.40	2	839.80	2	1,232.18	2	1,621.71	2	2,014.38	2	2,407.67	2	2,800.95	2	3,194.23	2	3,587.50
1/4	77.50	1/4	462.56	1/4	847.99	1/4	1,240.35	1/4	1,629.75	1/4	2,022.58	1/4	2,415.86	1/4	2,809.14	1/4	3,202.42	1/4	3,595.70
1/2	85.05	1/2	470.73	1/2	856.19	1/2	1,248.51	1/2	1,637.79	1/2	2,030.77	1/2	2,424.06	1/2	2,817.33	1/2	3,210.61	1/2	3,603.89
3/4	92.60	3/4	478.90	3/4	864.38	3/4	1,256.68	3/4	1,645.83	3/4	2,038.97	3/4	2,432.25	3/4	2,825.53	3/4	3,218.81	3/4	3,612.08
3	100.15	3	487.06	3	872.57	3	1,264.84	3	1,653.87	3	2,047.16	3	2,440.44	3	2,833.72	3	3,227.00	3	3,620.28
1/4	107.38	1/4	495.18	1/4	880.77	1/4	1,273.01	1/4	1,662.06	1/4	2,055.35	1/4	2,448.64	1/4	2,841.91	1/4	3,235.19	1/4	3,628.47
1/2	114.61	1/2	503.30	1/2	888.96	1/2	1,281.19	1/2	1,670.26	1/2	2,063.55	1/2	2,456.83	1/2	2,850.11	1/2	3,243.39	1/2	3,636.66
3/4	121.84	3/4	511.42	3/4	897.16	3/4	1,289.36	3/4	1,678.45	3/4	2,071.74	3/4	2,465.02	3/4	2,858.30	3/4	3,251.58	3/4	3,644.86
4	129.07	4	519.54	4	905.35	4	1,297.53	4	1,686.64	4	2,079.93	4	2,473.22	4	2,866.49	4	3,259.77	4	3,653.05
1/4	136.80	1/4	527.19	1/4	913.54	1/4	1,305.72	1/4	1,694.84	1/4	2,088.13	1/4	2,481.41	1/4	2,874.69	1/4	3,267.97	1/4	3,661.24
1/2	144.52	1/2	534.84	1/2	921.74	1/2	1,313.92	1/2	1,703.03	1/2	2,096.32	1/2	2,489.60	1/2	2,882.88	1/2	3,276.16	1/2	3,669.44
3/4	152.25	3/4	542.49	3/4	929.93	3/4	1,322.11	3/4	1,711.23	3/4	2,104.51	3/4	2,497.80	3/4	2,891.07	3/4	3,284.35	3/4	3,677.63
5	159.97	5	550.14	5	938.13	5	1,330.31	5	1,719.42	5	2,112.71	5	2,505.99	5	2,899.27	5	3,292.55	5	3,685.82
1/4	168.12	1/4	557.43	1/4	946.32	1/4	1,338.50	1/4	1,727.61	1/4	2,120.90	1/4	2,514.18	1/4	2,907.46	1/4	3,300.74	1/4	3,694.02
1/2	176.27	1/2	564.71	1/2	954.51	1/2	1,346.70	1/2	1,735.81	1/2	2,129.09	1/2	2,522.38	1/2	2,915.65	1/2	3,308.93	1/2	3,702.21
3/4	184.43	3/4	572.00	3/4	962.70	3/4	1,354.89	3/4	1,744.00	3/4	2,137.29	3/4	2,530.57	3/4	2,923.85	3/4	3,317.13	3/4	3,710.40
6	192.58	6	579.28	6	970.89	6	1,363.08	6	1,752.19	6	2,145.48	6	2,538.76	6	2,932.04	6	3,325.32	6	3,718.60
1/4	200.74	1/4	587.05	1/4	979.06	1/4	1,371.28	1/4	1,760.39	1/4	2,153.67	1/4	2,546.96	1/4	2,940.23	1/4	3,333.51	1/4	3,726.79
1/2	208.90	1/2	594.82	1/2	987.22	1/2	1,379.47	1/2	1,768.58	1/2	2,161.87	1/2	2,555.15	1/2	2,948.43	1/2	3,341.71	1/2	3,734.98
3/4	217.07	3/4	602.59	3/4	995.39	3/4	1,387.67	3/4	1,776.77	3/4	2,170.06	3/4	2,563.34	3/4	2,956.62	3/4	3,349.90	3/4	3,743.18
7	225.23	7	610.36	7	1,003.56	7	1,395.86	7	1,784.97	7	2,178.26	7	2,571.54	7	2,964.81	7	3,358.09	7	3,751.37
1/4	233.41	1/4	618.56	1/4	1,011.73	1/4	1,404.05	1/4	1,793.16	1/4	2,186.45	1/4	2,579.73	1/4	2,973.01	1/4	3,366.29	1/4	3,759.56
1/2	241.59	1/2	626.75	1/2	1,019.89	1/2	1,412.25	1/2	1,801.35	1/2	2,194.64	1/2	2,587.92	1/2	2,981.20	1/2	3,374.48	1/2	3,767.76
3/4	249.77	3/4	634.95	3/4	1,028.06	3/4	1,420.44	3/4	1,809.55	3/4	2,202.84	3/4	2,596.12	3/4	2,989.39	3/4	3,382.67	3/4	3,775.95
8	257.95	8	643.14	8	1,036.22	8	1,428.64	8	1,817.74	8	2,211.03	8	2,604.31	8	2,997.59	8	3,390.87	8	3,784.14
1/4	266.14	1/4	651.34	1/4	1,044.39	1/4	1,436.81	1/4	1,825.93	1/4	2,219.22	1/4	2,612.50	1/4	3,005.78	1/4	3,399.06	1/4	3,792.34
1/2	274.34	1/2	659.53	1/2	1,052.55	1/2	1,444.98	1/2	1,834.13	1/2	2,227.42	1/2	2,620.69	1/2	3,013.97	1/2	3,407.25	1/2	3,800.53
3/4	282.53	3/4	667.72	3/4	1,060.72	3/4	1,453.15	3/4	1,842.32	3/4	2,235.61	3/4	2,628.89	3/4	3,022.17	3/4	3,415.44	3/4	3,808.72
9	290.72	9	675.92	9	1,068.88	9	1,461.33	9	1,850.51	9	2,243.80	9	2,637.08	9	3,030.36	9	3,423.64	9	3,816.92
1/4	298.92	1/4	684.11	1/4	1,077.05	1/4	1,469.35	1/4	1,858.71	1/4	2,252.00	1/4	2,645.27	1/4	3,038.55	1/4	3,431.83	1/4	3,825.11
1/2	307.11	1/2	692.31	1/2	1,085.21	1/2	1,477.37	1/2	1,866.90	1/2	2,260.19	1/2	2,653.47	1/2	3,046.75	1/2	3,440.02	1/2	3,833.30
3/4	315.30	3/4	700.50	3/4	1,093.38	3/4	1,485.38	3/4	1,875.10	3/4	2,268.38	3/4	2,661.66	3/4	3,054.94	3/4	3,448.22	3/4	3,841.50
10	323.50	10	708.70	10	1,101.54	10	1,493.40	10	1,883.29	10	2,276.58	10	2,669.85	10	3,063.13	10	3,456.41	10	3,849.69
1/4	331.69	1/4	716.89	1/4	1,109.71	1/4	1,501.42	1/4	1,891.48	1/4	2,284.77	1/4	2,678.05	1/4	3,071.33	1/4	3,464.60	1/4	3,857.88
1/2	339.88	1/2	725.08	1/2	1,117.87	1/2	1,509.44	1/2	1,899.68	1/2	2,292.96	1/2	2,686.24	1/2	3,079.52	1/2	3,472.80	1/2	3,866.08
3/4	348.08	3/4	733.28	3/4	1,126.04	3/4	1,517.46	3/4	1,907.87	3/4	2,301.16	3/4	2,694.43	3/4	3,087.71	3/4	3,480.99	3/4	3,874.27
11	356.27	11	741.47	11	1,134.20	11	1,525.48	11	1,916.06	11	2,309.35	11	2,702.63	11	3,095.91	11	3,489.18	11	3,882.46
1/4	364.46	1/4	749.67	1/4	1,142.37	1/4	1,533.50	1/4	1,924.26	1/4	2,317.54	1/4	2,710.82	1/4	3,104.10	1/4	3,497.38	1/4	3,890.66
1/2	372.65	1/2	757.86	1/2	1,150.53	1/2	1,541.52	1/2	1,932.45	1/2	2,325.74	1/2	2,719.01	1/2	3,112.29	1/2	3,505.57	1/2	3,898.85
3/4	380.84	3/4	766.05	3/4	1,158.70	3/4	1,549.54	3/4	1,940.64	3/4	2,333.93	3/4	2,727.21	3/4	3,120.49	3/4	3,513.76	3/4	3,907.04

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 INNAGE GAUGES TAKEN AT 2" STANDPIPE.
 GAUGE POINT: (2" STANDPIPE) LOCATED 12'-10" OFF CENTERLINE AND 51'-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 30716B"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/2"

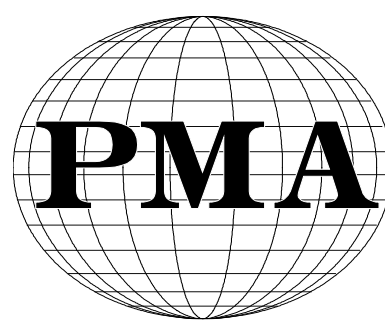
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,915.24	0	4,306.76	0	4,681.35	0	5,031.95	0		0		0		0		0		0	
1/4	3,923.43	1/4	4,314.76	1/4	4,688.85	1/4	5,039.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,931.62	1/2	4,322.76	1/2	4,696.34	1/2	5,046.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,939.82	3/4	4,330.76	3/4	4,703.84	3/4	5,053.57	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,948.01	1	4,338.76	1	4,711.34	1	5,060.78	1		1		1		1		1		1	
1/4	3,956.20	1/4	4,346.73	1/4	4,718.80	1/4	5,068.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,964.40	1/2	4,354.70	1/2	4,726.26	1/2	5,077.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,972.59	3/4	4,362.66	3/4	4,733.72	3/4	5,085.11	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,980.78	2	4,370.63	2	4,741.18	2	5,093.22	2		2		2		2		2		2	
1/4	3,988.98	1/4	4,378.56	1/4	4,748.61	1/4	5,101.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,997.17	1/2	4,386.49	1/2	4,756.04	1/2	5,109.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,005.36	3/4	4,394.42	3/4	4,763.46	3/4	5,117.54	3/4		3/4		3/4		3/4		3/4		3/4	
3	4,013.56	3	4,402.35	3	4,770.89	3	5,125.65	3		3		3		3		3		3	
1/4	4,021.75	1/4	4,410.25	1/4	4,778.28	1/4	5,133.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,029.94	1/2	4,418.14	1/2	4,785.67	1/2	5,141.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,038.14	3/4	4,426.04	3/4	4,793.06	3/4	5,149.98	3/4		3/4		3/4		3/4		3/4		3/4	
4	4,046.33	4	4,433.93	4	4,800.46	4	5,158.09	4		4		4		4		4		4	
1/4	4,054.52	1/4	4,441.79	1/4	4,807.81	1/4	5,166.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,062.72	1/2	4,449.66	1/2	4,815.17	1/2	5,174.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,070.91	3/4	4,457.52	3/4	4,822.53	3/4	5,182.42	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,079.10	5	4,465.38	5	4,829.88	5	5,190.53	5		5		5		5		5		5	
1/4	4,087.30	1/4	4,473.20	1/4	4,837.20	1/4	5,198.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,095.49	1/2	4,481.03	1/2	4,844.52	1/2	5,206.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,103.68	3/4	4,488.86	3/4	4,851.85	3/4	5,214.34	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,111.88	6	4,496.68	6	4,859.17	6	5,222.28	6		6		6		6		6		6	
1/4	4,120.07	1/4	4,504.47	1/4	4,866.45	1/4	5,228.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,128.26	1/2	4,512.26	1/2	4,873.74	1/2	5,235.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,136.45	3/4	4,520.05	3/4	4,881.03	3/4	5,241.99	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,144.64	7	4,527.84	7	4,888.31	7	5,248.56	7		7		7		7		7		7	
1/4	4,152.82	1/4	4,535.60	1/4	4,895.57	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,161.00	1/2	4,543.36	1/2	4,902.82	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,169.17	3/4	4,551.11	3/4	4,910.07	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	4,177.35	8	4,558.87	8	4,917.32	8		8		8		8		8		8		8	
1/4	4,185.49	1/4	4,566.59	1/4	4,924.54	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,193.63	1/2	4,574.31	1/2	4,931.75	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,201.77	3/4	4,582.03	3/4	4,938.97	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	4,209.91	9	4,589.75	9	4,946.19	9		9		9		9		9		9		9	
1/4	4,218.02	1/4	4,597.44	1/4	4,953.37	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,226.12	1/2	4,605.12	1/2	4,960.55	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,234.23	3/4	4,612.81	3/4	4,967.73	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	4,242.33	10	4,620.50	10	4,974.91	10		10		10		10		10		10		10	
1/4	4,250.40	1/4	4,628.14	1/4	4,982.06	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,258.48	1/2	4,635.79	1/2	4,989.21	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,266.55	3/4	4,643.43	3/4	4,996.35	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	4,274.62	11	4,651.08	11	5,003.50	11		11		11		11		11		11		11	
1/4	4,282.65	1/4	4,658.65	1/4	5,010.61	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,290.69	1/2	4,666.22	1/2	5,017.72	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,298.72	3/4	4,673.78	3/4	5,024.83	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/22/2004 CL - SW
VERIFIED: 01/19/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024

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



BARGE "KIRBY 30716B"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

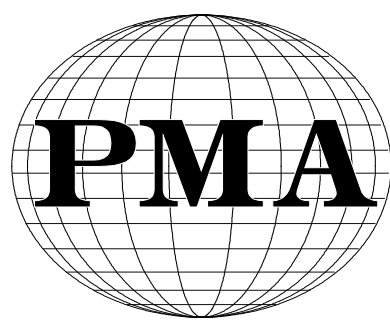
GAUGE HEIGHT 16'-07 3/4"

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	18.81	0	306.14	0	685.10	0	1,054.45	0	1,433.92	0	1,822.18	0	2,212.92	0	2,603.65	0	2,994.38	0	3,385.11
1/4	21.08	1/4	314.27	1/4	692.81	1/4	1,062.13	1/4	1,441.89	1/4	1,830.32	1/4	2,221.06	1/4	2,611.79	1/4	3,002.52	1/4	3,393.25
1/2	23.35	1/2	322.39	1/2	700.52	1/2	1,069.81	1/2	1,449.85	1/2	1,838.46	1/2	2,229.20	1/2	2,619.93	1/2	3,010.66	1/2	3,401.40
3/4	25.63	3/4	330.52	3/4	708.23	3/4	1,077.49	3/4	1,457.82	3/4	1,846.60	3/4	2,237.34	3/4	2,628.07	3/4	3,018.80	3/4	3,409.55
1	27.90	1	338.64	1	715.94	1	1,085.17	1	1,465.78	1	1,854.74	1	2,245.48	1	2,636.21	1	3,026.94	1	3,417.69
1/4	32.10	1/4	346.76	1/4	723.65	1/4	1,092.85	1/4	1,473.75	1/4	1,862.88	1/4	2,253.62	1/4	2,644.35	1/4	3,035.08	1/4	3,425.85
1/2	36.31	1/2	354.88	1/2	731.36	1/2	1,100.53	1/2	1,481.71	1/2	1,871.02	1/2	2,261.76	1/2	2,652.49	1/2	3,043.22	1/2	3,434.02
3/4	40.51	3/4	362.99	3/4	739.07	3/4	1,108.21	3/4	1,489.68	3/4	1,879.16	3/4	2,269.90	3/4	2,660.63	3/4	3,051.36	3/4	3,442.18
2	44.71	2	371.11	2	746.78	2	1,115.88	2	1,497.64	2	1,887.30	2	2,278.04	2	2,668.77	2	3,059.50	2	3,450.34
1/4	49.45	1/4	379.22	1/4	754.49	1/4	1,123.56	1/4	1,505.62	1/4	1,895.45	1/4	2,286.18	1/4	2,676.91	1/4	3,067.64	1/4	3,458.50
1/2	54.20	1/2	387.33	1/2	762.20	1/2	1,131.24	1/2	1,513.61	1/2	1,903.59	1/2	2,294.32	1/2	2,685.05	1/2	3,075.78	1/2	3,466.67
3/4	58.94	3/4	395.44	3/4	769.91	3/4	1,138.92	3/4	1,521.59	3/4	1,911.73	3/4	2,302.46	3/4	2,693.19	3/4	3,083.92	3/4	3,474.83
3	63.69	3	403.55	3	777.62	3	1,146.60	3	1,529.57	3	1,919.87	3	2,310.60	3	2,701.33	3	3,092.06	3	3,482.99
1/4	68.51	1/4	411.56	1/4	785.33	1/4	1,154.30	1/4	1,537.69	1/4	1,928.01	1/4	2,318.74	1/4	2,709.47	1/4	3,100.20	1/4	3,491.15
1/2	73.32	1/2	419.58	1/2	793.04	1/2	1,161.99	1/2	1,545.81	1/2	1,936.15	1/2	2,326.88	1/2	2,717.61	1/2	3,108.34	1/2	3,499.32
3/4	78.14	3/4	427.59	3/4	800.75	3/4	1,169.68	3/4	1,553.92	3/4	1,944.29	3/4	2,335.02	3/4	2,725.75	3/4	3,116.48	3/4	3,507.48
4	82.96	4	435.60	4	808.46	4	1,177.37	4	1,562.04	4	1,952.43	4	2,343.16	4	2,733.89	4	3,124.62	4	3,515.64
1/4	88.56	1/4	443.16	1/4	816.17	1/4	1,185.16	1/4	1,570.16	1/4	1,960.57	1/4	2,351.30	1/4	2,742.03	1/4	3,132.76	1/4	3,523.80
1/2	94.16	1/2	450.71	1/2	823.88	1/2	1,192.95	1/2	1,578.27	1/2	1,968.71	1/2	2,359.44	1/2	2,750.17	1/2	3,140.90	1/2	3,531.97
3/4	99.75	3/4	458.27	3/4	831.59	3/4	1,200.75	3/4	1,586.39	3/4	1,976.85	3/4	2,367.58	3/4	2,758.31	3/4	3,149.04	3/4	3,540.13
5	105.35	5	465.82	5	839.30	5	1,208.54	5	1,594.51	5	1,984.99	5	2,375.72	5	2,766.45	5	3,157.18	5	3,548.29
1/4	111.62	1/4	473.12	1/4	847.00	1/4	1,216.66	1/4	1,602.63	1/4	1,993.13	1/4	2,383.86	1/4	2,774.59	1/4	3,165.32	1/4	3,556.40
1/2	117.89	1/2	480.42	1/2	854.71	1/2	1,224.79	1/2	1,610.74	1/2	2,001.27	1/2	2,392.00	1/2	2,782.73	1/2	3,173.46	1/2	3,564.51
3/4	124.15	3/4	487.72	3/4	862.41	3/4	1,232.91	3/4	1,618.86	3/4	2,009.41	3/4	2,400.14	3/4	2,790.87	3/4	3,181.60	3/4	3,572.61
6	130.42	6	495.02	6	870.12	6	1,241.04	6	1,626.98	6	2,017.55	6	2,408.28	6	2,799.01	6	3,189.74	6	3,580.72
1/4	136.99	1/4	502.79	1/4	877.80	1/4	1,249.16	1/4	1,635.09	1/4	2,025.69	1/4	2,416.42	1/4	2,807.15	1/4	3,197.88	1/4	3,588.06
1/2	143.56	1/2	510.56	1/2	885.48	1/2	1,257.29	1/2	1,643.21	1/2	2,033.83	1/2	2,424.56	1/2	2,815.29	1/2	3,206.02	1/2	3,595.39
3/4	150.14	3/4	518.34	3/4	893.17	3/4	1,265.41	3/4	1,651.33	3/4	2,041.97	3/4	2,432.70	3/4	2,823.43	3/4	3,214.16	3/4	3,602.73
7	156.71	7	526.11	7	900.85	7	1,273.54	7	1,659.45	7	2,050.11	7	2,440.84	7	2,831.57	7	3,222.30	7	3,610.06
1/4	163.59	1/4	534.26	1/4	908.53	1/4	1,281.66	1/4	1,667.57	1/4	2,058.25	1/4	2,448.98	1/4	2,839.71	1/4	3,230.44	1/4	3,614.70
1/2	170.48	1/2	542.40	1/2	916.22	1/2	1,289.78	1/2	1,675.69	1/2	2,066.39	1/2	2,457.12	1/2	2,847.85	1/2	3,238.58	1/2	3,619.33
3/4	177.36	3/4	550.55	3/4	923.90	3/4	1,297.91	3/4	1,683.81	3/4	2,074.53	3/4	2,465.26	3/4	2,855.99	3/4	3,246.72	3/4	3,623.97
8	184.25	8	558.70	8	931.58	8	1,306.03	8	1,691.94	8	2,082.67	8	2,473.40	8	2,864.13	8	3,254.86	8	3,628.60
1/4	191.43	1/4	566.83	1/4	939.26	1/4	1,314.11	1/4	1,700.08	1/4	2,090.82	1/4	2,481.54	1/4	2,872.27	1/4	3,263.00	1/4	3,633.24
1/2	198.62	1/2	574.97	1/2	946.94	1/2	1,322.20	1/2	1,708.22	1/2	2,098.96	1/2	2,489.68	1/2	2,880.41	1/2	3,271.14	1/2	3,637.87
3/4	205.81	3/4	583.11	3/4	954.62	3/4	1,330.28	3/4	1,716.36	3/4	2,107.10	3/4	2,497.82	3/4	2,888.55	3/4	3,279.28	3/4	3,642.51
9	213.00	9	591.25	9	962.30	9	1,338.37	9	1,724.50	9	2,115.24	9	2,505.97	9	2,896.69	9	3,287.42	9	3,647.14
1/4	220.48	1/4	599.29	1/4	969.98	1/4	1,346.32	1/4	1,732.64	1/4	2,123.38	1/4	2,514.11	1/4	2,904.83	1/4	3,295.56	1/4	3,651.78
1/2	227.97	1/2	607.34	1/2	977.66	1/2	1,354.27	1/2	1,740.78	1/2	2,131.52	1/2	2,522.25	1/2	2,912.98	1/2	3,303.70	1/2	3,656.41
3/4	235.45	3/4	615.38	3/4	985.34	3/4	1,362.23	3/4	1,748.92	3/4	2,139.66	3/4	2,530.39	3/4	2,921.12	3/4	3,311.84	3/4	3,661.05
10	242.93	10	623.42	10	993.02	10	1,370.18	10	1,757.06	10	2,147.80	10	2,538.53	10	2,929.26	10	3,319.99	10	3,665.68
1/4	250.70	1/4	631.13	1/4	1,000.70	1/4	1,378.15	1/4	1,765.20	1/4	2,155.94	1/4	2,546.67	1/4	2,937.40	1/4	3,328.13	1/4	3,670.32
1/2	258.48	1/2	638.84	1/2	1,008.38	1/2	1,386.12	1/2	1,773.34	1/2	2,164.08	1/2	2,554.81	1/2	2,945.54	1/2	3,336.27	1/2	3,674.95
3/4	266.25	3/4	646.55	3/4	1,016.06	3/4	1,394.09	3/4	1,781.48	3/4	2,172.22	3/4	2,562.95	3/4	2,953.68	3/4	3,344.41	3/4	3,679.59
11	274.03	11	654.26	11	1,023.74	11	1,402.05	11	1,789.62	11	2,180.36	11	2,571.09	11	2,961.82	11	3,352.55	11	3,684.22
1/4	282.06	1/4	661.97	1/4	1,031.42	1/4	1,410.02	1/4	1,797.76	1/4	2,188.50	1/4	2,579.23	1/4	2,969.96	1/4	3,360.69	1/4	3,688.86
1/2	290.08	1/2	669.68	1/2	1,039.10	1/2	1,417.99	1/2	1,805.90	1/2	2,196.64	1/2	2,587.37	1/2	2,978.10	1/2	3,368.83	1/2	3,693.49
3/4	298.11	3/4	677.39	3/4	1,046.78	3/4	1,425.95	3/4	1,814.04	3/4	2,204.78	3/4	2,595.51	3/4	2,986.24	3/4	3,376.97	3/4	3,698.13

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 INNAGE GAUGES TAKEN AT 2" STANDPIPE.
 GAUGE POINT: (2" STANDPIPE) LOCATED 12'-10" OFF CENTERLINE AND 50'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 30716B"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 3/4"

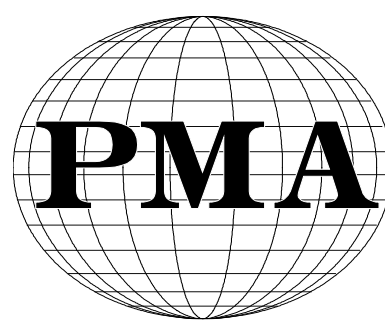
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,702.76	0	3,924.19	0	4,135.83	0	4,332.32	0		0		0		0		0		0	
1/4	3,707.40	1/4	3,928.71	1/4	4,140.04	1/4	4,336.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,712.03	1/2	3,933.23	1/2	4,144.24	1/2	4,340.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,716.67	3/4	3,937.76	3/4	4,148.44	3/4	4,344.64	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,721.30	1	3,942.28	1	4,152.64	1	4,348.74	1		1		1		1		1		1	
1/4	3,725.94	1/4	3,946.78	1/4	4,156.82	1/4	4,353.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,730.57	1/2	3,951.29	1/2	4,161.00	1/2	4,357.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,735.21	3/4	3,955.79	3/4	4,165.19	3/4	4,362.39	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,739.84	2	3,960.29	2	4,169.37	2	4,366.94	2		2		2		2		2		2	
1/4	3,744.48	1/4	3,964.78	1/4	4,173.53	1/4	4,371.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,749.11	1/2	3,969.26	1/2	4,177.69	1/2	4,376.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,753.75	3/4	3,973.75	3/4	4,181.85	3/4	4,380.59	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,758.38	3	3,978.23	3	4,186.02	3	4,385.14	3		3		3		3		3		3	
1/4	3,763.02	1/4	3,982.69	1/4	4,190.16	1/4	4,389.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,767.65	1/2	3,987.16	1/2	4,194.30	1/2	4,394.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,772.29	3/4	3,991.62	3/4	4,198.44	3/4	4,398.80	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,776.92	4	3,996.09	4	4,202.58	4	4,403.35	4		4		4		4		4		4	
1/4	3,781.56	1/4	4,000.53	1/4	4,206.71	1/4	4,407.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,786.19	1/2	4,004.98	1/2	4,210.83	1/2	4,412.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,790.83	3/4	4,009.42	3/4	4,214.95	3/4	4,416.93	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,795.46	5	4,013.86	5	4,219.07	5	4,421.46	5		5		5		5		5		5	
1/4	3,800.09	1/4	4,018.29	1/4	4,223.18	1/4	4,425.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,804.73	1/2	4,022.71	1/2	4,227.28	1/2	4,429.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,809.36	3/4	4,027.14	3/4	4,231.38	3/4	4,434.26	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,814.00	6	4,031.56	6	4,235.48	6	4,438.53	6		6		6		6		6		6	
1/4	3,818.63	1/4	4,035.97	1/4	4,239.57	1/4	4,441.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,823.26	1/2	4,040.37	1/2	4,243.65	1/2	4,445.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,827.90	3/4	4,044.78	3/4	4,247.73	3/4	4,448.91	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,832.53	7	4,049.18	7	4,251.81	7	4,450.64	7		7		7		7		7		7	
1/4	3,837.15	1/4	4,053.57	1/4	4,255.88	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,841.77	1/2	4,057.95	1/2	4,259.94	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,846.40	3/4	4,062.34	3/4	4,264.00	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,851.02	8	4,066.72	8	4,268.07	8		8		8		8		8		8		8	
1/4	3,855.62	1/4	4,071.09	1/4	4,272.11	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,860.22	1/2	4,075.45	1/2	4,276.15	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,864.83	3/4	4,079.82	3/4	4,280.20	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,869.43	9	4,084.18	9	4,284.24	9		9		9		9		9		9		9	
1/4	3,874.01	1/4	4,088.53	1/4	4,288.26	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,878.59	1/2	4,092.87	1/2	4,292.29	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,883.18	3/4	4,097.22	3/4	4,296.31	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,887.76	10	4,101.56	10	4,300.33	10		10		10		10		10		10		10	
1/4	3,892.32	1/4	4,105.87	1/4	4,304.34	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,896.89	1/2	4,110.19	1/2	4,308.34	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,901.45	3/4	4,114.50	3/4	4,312.34	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,906.01	11	4,118.82	11	4,316.35	11		11		11		11		11		11		11	
1/4	3,910.56	1/4	4,123.07	1/4	4,320.34	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,915.10	1/2	4,127.33	1/2	4,324.33	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,919.64	3/4	4,131.58	3/4	4,328.33	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/22/2004 CL - SW
VERIFIED: 01/19/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024

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



BARGE "KIRBY 30716B"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

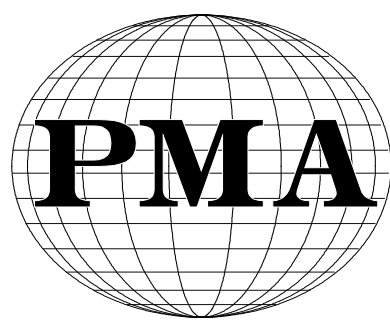
GAUGE HEIGHT 16'-07 3/4"

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	17.81	0	302.91	0	686.55	0	1,077.06	0	1,466.23	0	1,856.27	0	2,248.16	0	2,640.05	0	3,031.94	0	3,423.82
1/4	19.82	1/4	311.06	1/4	694.70	1/4	1,085.18	1/4	1,474.24	1/4	1,864.44	1/4	2,256.33	1/4	2,648.22	1/4	3,040.10	1/4	3,431.99
1/2	21.83	1/2	319.21	1/2	702.85	1/2	1,093.30	1/2	1,482.24	1/2	1,872.60	1/2	2,264.49	1/2	2,656.38	1/2	3,048.27	1/2	3,440.15
3/4	23.84	3/4	327.35	3/4	711.00	3/4	1,101.42	3/4	1,490.24	3/4	1,880.77	3/4	2,272.66	3/4	2,664.54	3/4	3,056.43	3/4	3,448.32
1	25.85	1	335.50	1	719.15	1	1,109.54	1	1,498.24	1	1,888.93	1	2,280.82	1	2,672.71	1	3,064.59	1	3,456.48
1/4	29.99	1/4	343.64	1/4	727.30	1/4	1,117.66	1/4	1,506.25	1/4	1,897.09	1/4	2,288.99	1/4	2,680.87	1/4	3,072.76	1/4	3,464.65
1/2	34.13	1/2	351.77	1/2	735.45	1/2	1,125.78	1/2	1,514.25	1/2	1,905.26	1/2	2,297.15	1/2	2,689.04	1/2	3,080.92	1/2	3,472.81
3/4	38.27	3/4	359.91	3/4	743.60	3/4	1,133.90	3/4	1,522.25	3/4	1,913.42	3/4	2,305.31	3/4	2,697.20	3/4	3,089.09	3/4	3,480.97
2	42.42	2	368.04	2	751.75	2	1,142.03	2	1,530.25	2	1,921.59	2	2,313.48	2	2,705.37	2	3,097.25	2	3,489.14
1/4	47.18	1/4	376.18	1/4	759.90	1/4	1,150.15	1/4	1,538.28	1/4	1,929.75	1/4	2,321.64	1/4	2,713.53	1/4	3,105.42	1/4	3,497.30
1/2	51.95	1/2	384.32	1/2	768.05	1/2	1,158.27	1/2	1,546.30	1/2	1,937.92	1/2	2,329.81	1/2	2,721.69	1/2	3,113.58	1/2	3,505.47
3/4	56.71	3/4	392.45	3/4	776.20	3/4	1,166.39	3/4	1,554.32	3/4	1,946.08	3/4	2,337.97	3/4	2,729.86	3/4	3,121.74	3/4	3,513.63
3	61.48	3	400.59	3	784.35	3	1,174.51	3	1,562.35	3	1,954.25	3	2,346.14	3	2,738.02	3	3,129.91	3	3,521.80
1/4	66.22	1/4	408.68	1/4	792.50	1/4	1,182.64	1/4	1,570.51	1/4	1,962.41	1/4	2,354.30	1/4	2,746.19	1/4	3,138.07	1/4	3,529.96
1/2	70.95	1/2	416.77	1/2	800.65	1/2	1,190.77	1/2	1,578.68	1/2	1,970.58	1/2	2,362.46	1/2	2,754.35	1/2	3,146.24	1/2	3,538.12
3/4	75.69	3/4	424.87	3/4	808.80	3/4	1,198.90	3/4	1,586.84	3/4	1,978.74	3/4	2,370.63	3/4	2,762.52	3/4	3,154.40	3/4	3,546.29
4	80.43	4	432.96	4	816.95	4	1,207.03	4	1,595.00	4	1,986.91	4	2,378.79	4	2,770.68	4	3,162.57	4	3,554.45
1/4	85.95	1/4	440.58	1/4	825.10	1/4	1,215.18	1/4	1,603.17	1/4	1,995.07	1/4	2,386.96	1/4	2,778.84	1/4	3,170.73	1/4	3,562.62
1/2	91.48	1/2	448.20	1/2	833.25	1/2	1,223.33	1/2	1,611.33	1/2	2,003.23	1/2	2,395.12	1/2	2,787.01	1/2	3,178.89	1/2	3,570.78
3/4	97.01	3/4	455.82	3/4	841.40	3/4	1,231.48	3/4	1,619.50	3/4	2,011.40	3/4	2,403.29	3/4	2,795.17	3/4	3,187.06	3/4	3,578.95
5	102.53	5	463.44	5	849.55	5	1,239.64	5	1,627.66	5	2,019.56	5	2,411.45	5	2,803.34	5	3,195.22	5	3,587.11
1/4	108.78	1/4	470.70	1/4	857.70	1/4	1,247.80	1/4	1,635.83	1/4	2,027.73	1/4	2,419.61	1/4	2,811.50	1/4	3,203.39	1/4	3,595.27
1/2	115.03	1/2	477.95	1/2	865.84	1/2	1,255.97	1/2	1,643.99	1/2	2,035.89	1/2	2,427.78	1/2	2,819.67	1/2	3,211.55	1/2	3,603.44
3/4	121.27	3/4	485.21	3/4	873.99	3/4	1,264.13	3/4	1,652.16	3/4	2,044.06	3/4	2,435.94	3/4	2,827.83	3/4	3,219.72	3/4	3,611.60
6	127.52	6	492.47	6	882.14	6	1,272.30	6	1,660.32	6	2,052.22	6	2,444.11	6	2,835.99	6	3,227.88	6	3,619.77
1/4	134.07	1/4	500.21	1/4	890.26	1/4	1,280.46	1/4	1,668.49	1/4	2,060.39	1/4	2,452.27	1/4	2,844.16	1/4	3,236.04	1/4	3,627.49
1/2	140.63	1/2	507.95	1/2	898.39	1/2	1,288.63	1/2	1,676.65	1/2	2,068.55	1/2	2,460.44	1/2	2,852.32	1/2	3,244.21	1/2	3,635.22
3/4	147.18	3/4	515.69	3/4	906.51	3/4	1,296.79	3/4	1,684.81	3/4	2,076.71	3/4	2,468.60	3/4	2,860.49	3/4	3,252.37	3/4	3,642.94
7	153.73	7	523.43	7	914.63	7	1,304.96	7	1,692.98	7	2,084.88	7	2,476.77	7	2,868.65	7	3,260.54	7	3,650.67
1/4	160.60	1/4	531.60	1/4	922.76	1/4	1,313.12	1/4	1,701.14	1/4	2,093.04	1/4	2,484.93	1/4	2,876.82	1/4	3,268.70	1/4	3,655.30
1/2	167.46	1/2	539.76	1/2	930.88	1/2	1,321.29	1/2	1,709.31	1/2	2,101.21	1/2	2,493.09	1/2	2,884.98	1/2	3,276.87	1/2	3,659.94
3/4	174.33	3/4	547.93	3/4	939.00	3/4	1,329.45	3/4	1,717.47	3/4	2,109.37	3/4	2,501.26	3/4	2,893.14	3/4	3,285.03	3/4	3,664.57
8	181.19	8	556.09	8	947.12	8	1,337.62	8	1,725.64	8	2,117.54	8	2,509.42	8	2,901.31	8	3,293.19	8	3,669.21
1/4	188.36	1/4	564.26	1/4	955.24	1/4	1,345.76	1/4	1,733.80	1/4	2,125.70	1/4	2,517.59	1/4	2,909.47	1/4	3,301.36	1/4	3,673.84
1/2	195.53	1/2	572.42	1/2	963.36	1/2	1,353.91	1/2	1,741.97	1/2	2,133.86	1/2	2,525.75	1/2	2,917.64	1/2	3,309.52	1/2	3,678.47
3/4	202.70	3/4	580.58	3/4	971.48	3/4	1,362.05	3/4	1,750.13	3/4	2,142.03	3/4	2,533.92	3/4	2,925.80	3/4	3,317.69	3/4	3,683.11
9	209.88	9	588.75	9	979.60	9	1,370.20	9	1,758.30	9	2,150.19	9	2,542.08	9	2,933.97	9	3,325.85	9	3,687.74
1/4	217.34	1/4	596.90	1/4	987.72	1/4	1,378.20	1/4	1,766.46	1/4	2,158.36	1/4	2,550.24	1/4	2,942.13	1/4	3,334.02	1/4	3,692.38
1/2	224.81	1/2	605.05	1/2	995.85	1/2	1,386.20	1/2	1,774.63	1/2	2,166.52	1/2	2,558.41	1/2	2,950.29	1/2	3,342.18	1/2	3,697.01
3/4	232.27	3/4	613.20	3/4	1,003.97	3/4	1,394.21	3/4	1,782.79	3/4	2,174.69	3/4	2,566.57	3/4	2,958.46	3/4	3,350.35	3/4	3,701.65
10	239.74	10	621.35	10	1,012.09	10	1,402.21	10	1,790.95	10	2,182.85	10	2,574.74	10	2,966.62	10	3,358.51	10	3,706.28
1/4	247.50	1/4	629.50	1/4	1,020.21	1/4	1,410.21	1/4	1,799.12	1/4	2,191.01	1/4	2,582.90	1/4	2,974.79	1/4	3,366.67	1/4	3,710.92
1/2	255.26	1/2	637.65	1/2	1,028.33	1/2	1,418.22	1/2	1,807.28	1/2	2,199.18	1/2	2,591.07	1/2	2,982.95	1/2	3,374.84	1/2	3,715.55
3/4	263.02	3/4	645.80	3/4	1,036.45	3/4	1,426.22	3/4	1,815.45	3/4	2,207.34	3/4	2,599.23	3/4	2,991.12	3/4	3,383.00	3/4	3,720.18
11	270.78	11	653.95	11	1,044.57	11	1,434.22	11	1,823.61	11	2,215.51	11	2,607.39	11	2,999.28	11	3,391.17	11	3,724.82
1/4	278.81	1/4	662.10	1/4	1,052.69	1/4	1,442.23	1/4	1,831.78	1/4	2,223.67	1/4	2,615.56	1/4	3,007.44	1/4	3,399.33	1/4	3,729.45
1/2	286.84	1/2	670.25	1/2	1,060.81	1/2	1,450.23	1/2	1,839.94	1/2	2,231.84	1/2	2,623.72	1/2	3,015.61	1/2	3,407.50	1/2	3,734.09
3/4	294.88	3/4	678.40	3/4	1,068.94	3/4	1,458.23	3/4	1,848.11	3/4	2,240.00	3/4	2,631.89	3/4	3,023.77	3/4	3,415.66	3/4	3,738.72

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 INNAGE GAUGES TAKEN AT 2" STANDPIPE.
 GAUGE POINT: (2" STANDPIPE) LOCATED 12'-10" OFF CENTERLINE AND 50'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 30716B"

**3 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 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	3,743.36	0	3,964.81	0	4,176.58	0	4,373.11	0		0		0		0		0		0	
1/4	3,747.99	1/4	3,969.33	1/4	4,180.79	1/4	4,377.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,752.62	1/2	3,973.86	1/2	4,184.99	1/2	4,381.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,757.26	3/4	3,978.38	3/4	4,189.19	3/4	4,385.23	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,761.89	1	3,982.91	1	4,193.40	1	4,389.27	1		1		1		1		1		1	
1/4	3,766.53	1/4	3,987.41	1/4	4,197.58	1/4	4,393.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,771.16	1/2	3,991.92	1/2	4,201.76	1/2	4,398.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,775.80	3/4	3,996.42	3/4	4,205.95	3/4	4,402.92	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,780.43	2	4,000.93	2	4,210.13	2	4,407.47	2		2		2		2		2		2	
1/4	3,785.07	1/4	4,005.42	1/4	4,214.29	1/4	4,412.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,789.70	1/2	4,009.90	1/2	4,218.46	1/2	4,416.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,794.33	3/4	4,014.39	3/4	4,222.62	3/4	4,421.12	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,798.97	3	4,018.87	3	4,226.78	3	4,425.67	3		3		3		3		3		3	
1/4	3,803.60	1/4	4,023.34	1/4	4,230.93	1/4	4,430.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,808.24	1/2	4,027.81	1/2	4,235.07	1/2	4,434.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,812.87	3/4	4,032.27	3/4	4,239.21	3/4	4,439.32	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,817.51	4	4,036.74	4	4,243.36	4	4,443.87	4		4		4		4		4		4	
1/4	3,822.14	1/4	4,041.18	1/4	4,247.48	1/4	4,448.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,826.78	1/2	4,045.63	1/2	4,251.61	1/2	4,452.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,831.41	3/4	4,050.08	3/4	4,255.73	3/4	4,457.52	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,836.04	5	4,054.52	5	4,259.85	5	4,462.07	5		5		5		5		5		5	
1/4	3,840.68	1/4	4,058.95	1/4	4,263.96	1/4	4,466.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,845.31	1/2	4,063.37	1/2	4,268.06	1/2	4,470.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,849.95	3/4	4,067.80	3/4	4,272.17	3/4	4,475.21	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,854.58	6	4,072.23	6	4,276.27	6	4,479.59	6		6		6		6		6		6	
1/4	3,859.21	1/4	4,076.63	1/4	4,280.36	1/4	4,483.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,863.85	1/2	4,081.04	1/2	4,284.44	1/2	4,486.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,868.48	3/4	4,085.45	3/4	4,288.52	3/4	4,489.97	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,873.11	7	4,089.85	7	4,292.61	7	4,493.43	7		7		7		7		7		7	
1/4	3,877.74	1/4	4,094.24	1/4	4,296.67	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,882.36	1/2	4,098.63	1/2	4,300.74	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,886.98	3/4	4,103.01	3/4	4,304.80	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,891.61	8	4,107.40	8	4,308.87	8		8		8		8		8		8		8	
1/4	3,896.21	1/4	4,111.77	1/4	4,312.91	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,900.82	1/2	4,116.13	1/2	4,316.96	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,905.42	3/4	4,120.50	3/4	4,321.00	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,910.03	9	4,124.87	9	4,325.05	9		9		9		9		9		9		9	
1/4	3,914.61	1/4	4,129.21	1/4	4,329.07	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,919.20	1/2	4,133.56	1/2	4,333.10	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,923.78	3/4	4,137.91	3/4	4,337.12	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,928.37	10	4,142.26	10	4,341.14	10		10		10		10		10		10		10	
1/4	3,932.93	1/4	4,146.58	1/4	4,345.15	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,937.50	1/2	4,150.90	1/2	4,349.16	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,942.06	3/4	4,155.22	3/4	4,353.16	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,946.63	11	4,159.54	11	4,357.17	11		11		11		11		11		11		11	
1/4	3,951.17	1/4	4,163.80	1/4	4,361.15	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,955.72	1/2	4,168.06	1/2	4,365.14	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,960.26	3/4	4,172.32	3/4	4,369.12	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/22/2004 CL - SW
VERIFIED: 01/19/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024

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



BARGE "KIRBY 30716B"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT: 6'-05 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	2,408	0	4,816	0	7,223	0	9,631	0	12,038	0		0		0		0	
1/4	50	1/4	2,458	1/4	4,866	1/4	7,273	1/4	9,681	1/4	12,089	1/4		1/4		1/4		1/4	
1/2	100	1/2	2,508	1/2	4,916	1/2	7,323	1/2	9,731	1/2	12,139	1/2		1/2		1/2		1/2	
3/4	150	3/4	2,558	3/4	4,966	3/4	7,374	3/4	9,781	3/4	12,189	3/4		3/4		3/4		3/4	
1	201	1	2,608	1	5,016	1	7,424	1	9,831	1	12,239	1		1		1		1	
1/4	251	1/4	2,659	1/4	5,066	1/4	7,474	1/4	9,882	1/4	12,289	1/4		1/4		1/4		1/4	
1/2	301	1/2	2,709	1/2	5,116	1/2	7,524	1/2	9,932	1/2	12,339	1/2		1/2		1/2		1/2	
3/4	351	3/4	2,759	3/4	5,167	3/4	7,574	3/4	9,982	3/4	12,390	3/4		3/4		3/4		3/4	
2	401	2	2,809	2	5,217	2	7,624	2	10,032	2	12,440	2		2		2		2	
1/4	451	1/4	2,859	1/4	5,267	1/4	7,675	1/4	10,082	1/4	12,490	1/4		1/4		1/4		1/4	
1/2	502	1/2	2,909	1/2	5,317	1/2	7,725	1/2	10,132	1/2	12,540	1/2		1/2		1/2		1/2	
3/4	552	3/4	2,960	3/4	5,367	3/4	7,775	3/4	10,183	3/4	12,590	3/4		3/4		3/4		3/4	
3	602	3	3,010	3	5,417	3	7,825	3	10,233	3	12,640	3		3		3		3	
1/4	652	1/4	3,060	1/4	5,468	1/4	7,875	1/4	10,283	1/4	12,691	1/4		1/4		1/4		1/4	
1/2	702	1/2	3,110	1/2	5,518	1/2	7,925	1/2	10,333	1/2	12,741	1/2		1/2		1/2		1/2	
3/4	753	3/4	3,160	3/4	5,568	3/4	7,976	3/4	10,383	3/4	12,791	3/4		3/4		3/4		3/4	
4	803	4	3,210	4	5,618	4	8,026	4	10,433	4	12,841	4		4		4		4	
1/4	853	1/4	3,261	1/4	5,668	1/4	8,076	1/4	10,484	1/4	12,891	1/4		1/4		1/4		1/4	
1/2	903	1/2	3,311	1/2	5,718	1/2	8,126	1/2	10,534	1/2	12,941	1/2		1/2		1/2		1/2	
3/4	953	3/4	3,361	3/4	5,769	3/4	8,176	3/4	10,584	3/4	12,992	3/4		3/4		3/4		3/4	
5	1,003	5	3,411	5	5,819	5	8,226	5	10,634	5	13,042	5		5		5		5	
1/4	1,054	1/4	3,461	1/4	5,869	1/4	8,277	1/4	10,684	1/4	13,092	1/4		1/4		1/4		1/4	
1/2	1,104	1/2	3,511	1/2	5,919	1/2	8,327	1/2	10,734	1/2	13,142	1/2		1/2		1/2		1/2	
3/4	1,154	3/4	3,562	3/4	5,969	3/4	8,377	3/4	10,784	3/4	13,192	3/4		3/4		3/4		3/4	
6	1,204	6	3,612	6	6,019	6	8,427	6	10,835	6	13,242	6		6		6		6	
1/4	1,254	1/4	3,662	1/4	6,070	1/4	8,477	1/4	10,885	1/4	13,292	1/4		1/4		1/4		1/4	
1/2	1,304	1/2	3,712	1/2	6,120	1/2	8,527	1/2	10,935	1/2	13,343	1/2		1/2		1/2		1/2	
3/4	1,355	3/4	3,762	3/4	6,170	3/4	8,577	3/4	10,985	3/4	13,393	3/4		3/4		3/4		3/4	
7	1,405	7	3,812	7	6,220	7	8,628	7	11,035	7	13,443	7		7		7		7	
1/4	1,455	1/4	3,862	1/4	6,270	1/4	8,678	1/4	11,085	1/4	13,493	1/4		1/4		1/4		1/4	
1/2	1,505	1/2	3,913	1/2	6,320	1/2	8,728	1/2	11,136	1/2	13,543	1/2		1/2		1/2		1/2	
3/4	1,555	3/4	3,963	3/4	6,370	3/4	8,778	3/4	11,186	3/4	13,593	3/4		3/4		3/4		3/4	
8	1,605	8	4,013	8	6,421	8	8,828	8	11,236	8	13,644	8		8		8		8	
1/4	1,655	1/4	4,063	1/4	6,471	1/4	8,878	1/4	11,286	1/4	13,694	1/4		1/4		1/4		1/4	
1/2	1,706	1/2	4,113	1/2	6,521	1/2	8,929	1/2	11,336	1/2	13,744	1/2		1/2		1/2		1/2	
3/4	1,756	3/4	4,163	3/4	6,571	3/4	8,979	3/4	11,386	3/4	13,794	3/4		3/4		3/4		3/4	
9	1,806	9	4,214	9	6,621	9	9,029	9	11,437	9	13,844	9		9		9		9	
1/4	1,856	1/4	4,264	1/4	6,671	1/4	9,079	1/4	11,487	1/4	13,894	1/4		1/4		1/4		1/4	
1/2	1,906	1/2	4,314	1/2	6,722	1/2	9,129	1/2	11,537	1/2	13,945	1/2		1/2		1/2		1/2	
3/4	1,956	3/4	4,364	3/4	6,772	3/4	9,179	3/4	11,587	3/4	13,995	3/4		3/4		3/4		3/4	
10	2,007	10	4,414	10	6,822	10	9,230	10	11,637	10	14,045	10		10		10		10	
1/4	2,057	1/4	4,464	1/4	6,872	1/4	9,280	1/4	11,687	1/4		1/4		1/4		1/4		1/4	
1/2	2,107	1/2	4,515	1/2	6,922	1/2	9,330	1/2	11,738	1/2		1/2		1/2		1/2		1/2	
3/4	2,157	3/4	4,565	3/4	6,972	3/4	9,380	3/4	11,788	3/4		3/4		3/4		3/4		3/4	
11	2,207	11	4,615	11	7,023	11	9,430	11	11,838	11		11		11		11		11	
1/4	2,257	1/4	4,665	1/4	7,073	1/4	9,480	1/4	11,888	1/4		1/4		1/4		1/4		1/4	
1/2	2,308	1/2	4,715	1/2	7,123	1/2	9,531	1/2	11,938	1/2		1/2		1/2		1/2		1/2	
3/4	2,358	3/4	4,765	3/4	7,173	3/4	9,581	3/4	11,988	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

STRAPPED: 10/18/2018 SW
CALCULATED: 10/19/2018 CL
VERIFIED: 01/19/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024