

BARGE "KIRBY 28751"

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 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
2 PORT	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8
2 STBD	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8
3 PORT	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8
3 STBD	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8
4 CENTER	- 00-1/2	00-1/2	- 01-0/8	01-0/8	- 01-5/8	01-5/8	- 02-1/8	02-1/8	- 02-5/8	02-5/8	- 03-1/8	03-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS - 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 7/8"

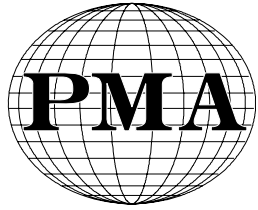
LENGTH BETWEEN DRAFT MARKS: 234'-00"

April 30, 2020

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28751"

INNAGE TRIM TABLE

	7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 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	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-0/8	- 01-0/8	01-1/8	- 01-1/8
2 PORT	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8
2 STBD	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8
3 PORT	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8
3 STBD	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8
4 CENTER	- 03-5/8	03-5/8	- 04-1/4	04-1/4	- 04-3/4	04-3/4	- 05-1/4	05-1/4	- 05-3/4	05-3/4	- 06-1/4	06-1/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

LENGTH BETWEEN DRAFT MARKS: 234'-00"

April 30, 2020

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

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THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS - 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 7/8"



BARGE "KIRBY 28751"

1 CENTER INNAGE TABLE

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

FORMERLY "HMS 302"

GAUGE HEIGHT 17'-08 1/2"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	2.57	6	155.83	0	362.34	6	590.89	0	840.71	6	1,100.70	0	1,364.28	6	1,627.87	0	1,891.45	6	2,155.03
1/8	3.78	1/8	159.97	1/8	366.88	1/8	596.08	1/8	845.93	1/8	1,106.19	1/8	1,369.77	1/8	1,633.36	1/8	1,896.94	1/8	2,160.52
1/4	4.99	1/4	164.10	1/4	371.41	1/4	601.27	1/4	851.14	1/4	1,111.68	1/4	1,375.27	1/4	1,638.85	1/4	1,902.43	1/4	2,166.02
3/8	6.20	3/8	168.24	3/8	375.95	3/8	606.46	3/8	856.36	3/8	1,117.18	3/8	1,380.76	3/8	1,644.34	3/8	1,907.92	3/8	2,171.51
1/2	7.41	1/2	172.37	1/2	380.48	1/2	611.65	1/2	861.57	1/2	1,122.67	1/2	1,386.25	1/2	1,649.83	1/2	1,913.42	1/2	2,177.00
5/8	8.62	5/8	176.51	5/8	385.02	5/8	616.85	5/8	866.79	5/8	1,128.16	5/8	1,391.74	5/8	1,655.32	5/8	1,918.91	5/8	2,182.49
3/4	9.83	3/4	180.64	3/4	389.56	3/4	622.04	3/4	872.00	3/4	1,133.65	3/4	1,397.23	3/4	1,660.81	3/4	1,924.40	3/4	2,187.98
7/8	11.04	7/8	184.78	7/8	394.09	7/8	627.23	7/8	877.22	7/8	1,139.14	7/8	1,402.72	7/8	1,666.31	7/8	1,929.89	7/8	2,193.47
1	12.25	7	188.91	1	398.63	7	632.42	1	882.43	7	1,144.63	1	1,408.21	7	1,671.80	1	1,935.38	7	2,198.96
1/8	14.74	1/8	193.11	1/8	403.23	1/8	637.68	1/8	887.75	1/8	1,150.12	1/8	1,413.71	1/8	1,677.29	1/8	1,940.87	1/8	2,204.45
1/4	17.23	1/4	197.31	1/4	407.84	1/4	642.93	1/4	893.07	1/4	1,155.61	1/4	1,419.20	1/4	1,682.78	1/4	1,946.36	1/4	2,209.95
3/8	19.72	3/8	201.51	3/8	412.44	3/8	648.19	3/8	898.39	3/8	1,161.11	3/8	1,424.69	3/8	1,688.27	3/8	1,951.86	3/8	2,215.44
1/2	22.21	1/2	205.71	1/2	417.04	1/2	653.45	1/2	903.70	1/2	1,166.60	1/2	1,430.18	1/2	1,693.76	1/2	1,957.35	1/2	2,220.93
5/8	24.71	5/8	209.92	5/8	421.65	5/8	658.71	5/8	909.02	5/8	1,172.09	5/8	1,435.67	5/8	1,699.25	5/8	1,962.84	5/8	2,226.42
3/4	27.20	3/4	214.12	3/4	426.25	3/4	663.96	3/4	914.34	3/4	1,177.58	3/4	1,441.16	3/4	1,704.74	3/4	1,968.33	3/4	2,231.91
7/8	29.69	7/8	218.32	7/8	430.86	7/8	669.22	7/8	919.66	7/8	1,183.07	7/8	1,446.65	7/8	1,710.24	7/8	1,973.82	7/8	2,237.40
2	32.18	8	222.52	2	435.46	8	674.48	2	924.98	8	1,188.56	2	1,452.14	8	1,715.73	2	1,979.31	8	2,242.89
1/8	35.63	1/8	226.79	1/8	440.13	1/8	679.71	1/8	930.47	1/8	1,194.05	1/8	1,457.64	1/8	1,721.22	1/8	1,984.80	1/8	2,248.39
1/4	39.09	1/4	231.06	1/4	444.80	1/4	684.94	1/4	935.96	1/4	1,199.54	1/4	1,463.13	1/4	1,726.71	1/4	1,990.29	1/4	2,253.88
3/8	42.54	3/8	235.33	3/8	449.47	3/8	690.17	3/8	941.45	3/8	1,205.04	3/8	1,468.62	3/8	1,732.20	3/8	1,995.79	3/8	2,259.37
1/2	46.00	1/2	239.60	1/2	454.14	1/2	695.40	1/2	946.94	1/2	1,210.53	1/2	1,474.11	1/2	1,737.69	1/2	2,001.28	1/2	2,264.86
5/8	49.45	5/8	243.87	5/8	458.81	5/8	700.63	5/8	952.44	5/8	1,216.02	5/8	1,479.60	5/8	1,743.18	5/8	2,006.77	5/8	2,270.35
3/4	52.91	3/4	248.14	3/4	463.48	3/4	705.86	3/4	957.93	3/4	1,221.51	3/4	1,485.09	3/4	1,748.68	3/4	2,012.26	3/4	2,275.84
7/8	56.36	7/8	252.41	7/8	468.15	7/8	711.09	7/8	963.42	7/8	1,227.00	7/8	1,490.58	7/8	1,754.17	7/8	2,017.75	7/8	2,281.33
3	59.82	9	256.68	3	472.82	9	716.32	3	968.91	9	1,232.49	3	1,496.07	9	1,759.66	3	2,023.24	9	2,286.82
1/8	63.75	1/8	261.01	1/8	477.56	1/8	721.46	1/8	974.40	1/8	1,237.98	1/8	1,501.57	1/8	1,765.15	1/8	2,028.73	1/8	2,292.32
1/4	67.68	1/4	265.35	1/4	482.29	1/4	726.60	1/4	979.89	1/4	1,243.48	1/4	1,507.06	1/4	1,770.64	1/4	2,034.22	1/4	2,297.81
3/8	71.62	3/8	269.68	3/8	487.03	3/8	731.74	3/8	985.38	3/8	1,248.97	3/8	1,512.55	3/8	1,776.13	3/8	2,039.72	3/8	2,303.30
1/2	75.55	1/2	274.02	1/2	491.76	1/2	736.88	1/2	990.88	1/2	1,254.46	1/2	1,518.04	1/2	1,781.62	1/2	2,045.21	1/2	2,308.79
5/8	79.48	5/8	278.35	5/8	496.50	5/8	742.02	5/8	996.37	5/8	1,259.95	5/8	1,523.53	5/8	1,787.12	5/8	2,050.70	5/8	2,314.28
3/4	83.41	3/4	282.69	3/4	501.24	3/4	747.16	3/4	1,001.86	3/4	1,265.44	3/4	1,529.02	3/4	1,792.61	3/4	2,056.19	3/4	2,319.77
7/8	87.35	7/8	287.02	7/8	505.97	7/8	752.30	7/8	1,007.35	7/8	1,270.93	7/8	1,534.51	7/8	1,798.10	7/8	2,061.68	7/8	2,325.26
4	91.28	10	291.36	4	510.71	10	757.44	4	1,012.84	10	1,276.42	4	1,540.01	10	1,803.59	4	2,067.17	10	2,330.75
1/8	95.28	1/8	295.76	1/8	515.61	1/8	762.63	1/8	1,018.33	1/8	1,281.91	1/8	1,545.50	1/8	1,809.08	1/8	2,072.66	1/8	2,336.25
1/4	99.28	1/4	300.17	1/4	520.51	1/4	767.83	1/4	1,023.82	1/4	1,287.41	1/4	1,550.99	1/4	1,814.57	1/4	2,078.15	1/4	2,341.74
3/8	103.28	3/8	304.57	3/8	525.41	3/8	773.02	3/8	1,029.31	3/8	1,292.90	3/8	1,556.48	3/8	1,820.06	3/8	2,083.65	3/8	2,347.23
1/2	107.28	1/2	308.97	1/2	530.30	1/2	778.21	1/2	1,034.81	1/2	1,298.39	1/2	1,561.97	1/2	1,825.56	1/2	2,089.14	1/2	2,352.72
5/8	111.29	5/8	313.38	5/8	535.20	5/8	783.41	5/8	1,040.30	5/8	1,303.88	5/8	1,567.46	5/8	1,831.05	5/8	2,094.63	5/8	2,358.21
3/4	115.29	3/4	317.78	3/4	540.10	3/4	788.60	3/4	1,045.79	3/4	1,309.37	3/4	1,572.95	3/4	1,836.54	3/4	2,100.12	3/4	2,363.70
7/8	119.29	7/8	322.19	7/8	545.00	7/8	793.80	7/8	1,051.28	7/8	1,314.86	7/8	1,578.44	7/8	1,842.03	7/8	2,105.61	7/8	2,369.19
5	123.29	11	326.59	5	549.90	11	798.99	5	1,056.77	11	1,320.35	5	1,583.94	11	1,847.52	5	2,111.10	11	2,374.69
1/8	127.36	1/8	331.06	1/8	555.02	1/8	804.21	1/8	1,062.26	1/8	1,325.84	1/8	1,589.43	1/8	1,853.01	1/8	2,116.59	1/8	2,380.18
1/4	131.43	1/4	335.53	1/4	560.15	1/4	809.42	1/4	1,067.75	1/4	1,331.34	1/4	1,594.92	1/4	1,858.50	1/4	2,122.09	1/4	2,385.67
3/8	135.49	3/8	340.00	3/8	565.27	3/8	814.64	3/8	1,073.24	3/8	1,336.83	3/8	1,600.41	3/8	1,863.99	3/8	2,127.58	3/8	2,391.16
1/2	139.56	1/2	344.46	1/2	570.39	1/2	819.85	1/2	1,078.74	1/2	1,342.32	1/2	1,605.90	1/2	1,869.49	1/2	2,133.07	1/2	2,396.65
5/8	143.63	5/8	348.93	5/8	575.52	5/8	825.07	5/8	1,084.23	5/8	1,347.81	5/8	1,611.39	5/8	1,874.98	5/8	2,138.56	5/8	2,402.14
3/4	147.70	3/4	353.40	3/4	580.64	3/4	830.28	3/4	1,089.72	3/4	1,353.30	3/4	1,616.88	3/4	1,880.47	3/4	2,144.05	3/4	2,407.63
7/8	151.76	7/8	357.87	7/8	585.77	7/8	835.50	7/8	1,095.21	7/8	1,358.79	7/8	1,622.37	7/8	1,885.96	7/8	2,149.54	7/8	2,413.12

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" DIAMETER STANDPIPE

GAUGE POINT: (MANUAL) LOCATED 01'-03" OFF CENTERLINE AND 31'-03" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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BARGE "KIRBY 28751"

1 CENTER INNAGE TABLE

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

FORMERLY "HMS 302"

GAUGE HEIGHT 17'-08 1/2"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	2,418.62	6	2,682.20	0	2,945.78	6	3,209.29	0	3,472.63	6	3,736.20	0	3,999.78	6	4,263.35	0	4,526.93	6	4,790.51
1/8	2,424.11	1/8	2,687.69	1/8	2,951.27	1/8	3,214.78	1/8	3,478.12	1/8	3,741.69	1/8	4,005.27	1/8	4,268.84	1/8	4,532.42	1/8	4,796.00
1/4	2,429.60	1/4	2,693.18	1/4	2,956.76	1/4	3,220.26	1/4	3,483.61	1/4	3,747.18	1/4	4,010.76	1/4	4,274.34	1/4	4,537.91	1/4	4,801.49
3/8	2,435.09	3/8	2,698.67	3/8	2,962.25	3/8	3,225.75	3/8	3,489.10	3/8	3,752.67	3/8	4,016.25	3/8	4,279.83	3/8	4,543.40	3/8	4,806.98
1/2	2,440.58	1/2	2,704.16	1/2	2,967.75	1/2	3,231.23	1/2	3,494.59	1/2	3,758.16	1/2	4,021.74	1/2	4,285.32	1/2	4,548.90	1/2	4,812.47
5/8	2,446.07	5/8	2,709.65	5/8	2,973.24	5/8	3,236.72	5/8	3,500.08	5/8	3,763.65	5/8	4,027.23	5/8	4,290.81	5/8	4,554.39	5/8	4,817.96
3/4	2,451.56	3/4	2,715.15	3/4	2,978.73	3/4	3,242.20	3/4	3,505.57	3/4	3,769.15	3/4	4,032.72	3/4	4,296.30	3/4	4,559.88	3/4	4,823.46
7/8	2,457.05	7/8	2,720.64	7/8	2,984.22	7/8	3,247.69	7/8	3,511.06	7/8	3,774.64	7/8	4,038.21	7/8	4,301.79	7/8	4,565.37	7/8	4,828.95
1	2,462.55	7	2,726.13	1	2,989.71	7	3,253.17	1	3,516.55	7	3,780.13	1	4,043.71	7	4,307.28	1	4,570.86	7	4,834.44
1/8	2,468.04	1/8	2,731.62	1/8	2,995.20	1/8	3,258.65	1/8	3,522.04	1/8	3,785.62	1/8	4,049.20	1/8	4,312.77	1/8	4,576.35	1/8	4,839.93
1/4	2,473.53	1/4	2,737.11	1/4	3,000.69	1/4	3,264.14	1/4	3,527.53	1/4	3,791.11	1/4	4,054.69	1/4	4,318.27	1/4	4,581.84	1/4	4,845.42
3/8	2,479.02	3/8	2,742.60	3/8	3,006.18	3/8	3,269.62	3/8	3,533.02	3/8	3,796.60	3/8	4,060.18	3/8	4,323.76	3/8	4,587.33	3/8	4,850.91
1/2	2,484.51	1/2	2,748.09	1/2	3,011.68	1/2	3,275.10	1/2	3,538.51	1/2	3,802.09	1/2	4,065.67	1/2	4,329.25	1/2	4,592.83	1/2	4,856.40
5/8	2,490.00	5/8	2,753.58	5/8	3,017.17	5/8	3,280.59	5/8	3,544.01	5/8	3,807.58	5/8	4,071.16	5/8	4,334.74	5/8	4,598.32	5/8	4,861.89
3/4	2,495.49	3/4	2,759.08	3/4	3,022.66	3/4	3,286.07	3/4	3,549.50	3/4	3,813.07	3/4	4,076.65	3/4	4,340.23	3/4	4,603.81	3/4	4,867.39
7/8	2,500.99	7/8	2,764.57	7/8	3,028.15	7/8	3,291.56	7/8	3,554.99	7/8	3,818.57	7/8	4,082.14	7/8	4,345.72	7/8	4,609.30	7/8	4,872.88
2	2,506.48	8	2,770.06	2	3,033.64	8	3,297.04	2	3,560.48	8	3,824.06	2	4,087.63	8	4,351.21	2	4,614.79	8	4,878.37
1/8	2,511.97	1/8	2,775.55	1/8	3,039.13	1/8	3,302.52	1/8	3,565.97	1/8	3,829.55	1/8	4,093.13	1/8	4,356.70	1/8	4,620.28	1/8	4,883.86
1/4	2,517.46	1/4	2,781.04	1/4	3,044.62	1/4	3,308.01	1/4	3,571.46	1/4	3,835.04	1/4	4,098.62	1/4	4,362.19	1/4	4,625.77	1/4	4,889.35
3/8	2,522.95	3/8	2,786.53	3/8	3,050.12	3/8	3,313.49	3/8	3,576.95	3/8	3,840.53	3/8	4,104.11	3/8	4,367.69	3/8	4,631.26	3/8	4,894.84
1/2	2,528.44	1/2	2,792.02	1/2	3,055.61	1/2	3,318.98	1/2	3,582.44	1/2	3,846.02	1/2	4,109.60	1/2	4,373.18	1/2	4,636.75	1/2	4,900.33
5/8	2,533.93	5/8	2,797.52	5/8	3,061.10	5/8	3,324.46	5/8	3,587.94	5/8	3,851.51	5/8	4,115.09	5/8	4,378.67	5/8	4,642.25	5/8	4,905.82
3/4	2,539.42	3/4	2,803.01	3/4	3,066.59	3/4	3,329.95	3/4	3,593.43	3/4	3,857.00	3/4	4,120.58	3/4	4,384.16	3/4	4,647.74	3/4	4,911.31
7/8	2,544.92	7/8	2,808.50	7/8	3,072.08	7/8	3,335.43	7/8	3,598.92	7/8	3,862.50	7/8	4,126.07	7/8	4,389.65	7/8	4,653.23	7/8	4,916.81
3	2,550.41	9	2,813.99	3	3,077.57	9	3,340.92	3	3,604.41	9	3,867.99	3	4,131.56	9	4,395.14	3	4,658.72	9	4,922.30
1/8	2,555.90	1/8	2,819.48	1/8	3,083.06	1/8	3,346.40	1/8	3,609.90	1/8	3,873.48	1/8	4,137.06	1/8	4,400.63	1/8	4,664.21	1/8	4,927.79
1/4	2,561.39	1/4	2,824.97	1/4	3,088.55	1/4	3,351.89	1/4	3,615.39	1/4	3,878.97	1/4	4,142.55	1/4	4,406.12	1/4	4,669.70	1/4	4,933.28
3/8	2,566.88	3/8	2,830.46	3/8	3,094.05	3/8	3,357.37	3/8	3,620.88	3/8	3,884.46	3/8	4,148.04	3/8	4,411.62	3/8	4,675.19	3/8	4,938.77
1/2	2,572.37	1/2	2,835.95	1/2	3,099.54	1/2	3,362.86	1/2	3,626.37	1/2	3,889.95	1/2	4,153.53	1/2	4,417.11	1/2	4,680.68	1/2	4,944.26
5/8	2,577.86	5/8	2,841.45	5/8	3,105.03	5/8	3,368.34	5/8	3,631.87	5/8	3,895.44	5/8	4,159.02	5/8	4,422.60	5/8	4,686.18	5/8	4,949.75
3/4	2,583.35	3/4	2,846.94	3/4	3,110.52	3/4	3,373.83	3/4	3,637.36	3/4	3,900.93	3/4	4,164.51	3/4	4,428.09	3/4	4,691.67	3/4	4,955.24
7/8	2,588.85	7/8	2,852.43	7/8	3,116.01	7/8	3,379.31	7/8	3,642.85	7/8	3,906.43	7/8	4,170.00	7/8	4,433.58	7/8	4,697.16	7/8	4,960.74
4	2,594.34	10	2,857.92	4	3,121.50	10	3,384.80	4	3,648.34	10	3,911.92	4	4,175.49	10	4,439.07	4	4,702.65	10	4,966.23
1/8	2,599.83	1/8	2,863.41	1/8	3,126.99	1/8	3,390.29	1/8	3,653.83	1/8	3,917.41	1/8	4,180.99	1/8	4,444.56	1/8	4,708.14	1/8	4,971.72
1/4	2,605.32	1/4	2,868.90	1/4	3,132.48	1/4	3,395.77	1/4	3,659.32	1/4	3,922.90	1/4	4,186.48	1/4	4,450.05	1/4	4,713.63	1/4	4,977.21
3/8	2,610.81	3/8	2,874.39	3/8	3,137.97	3/8	3,401.26	3/8	3,664.81	3/8	3,928.39	3/8	4,191.97	3/8	4,455.55	3/8	4,719.12	3/8	4,982.70
1/2	2,616.30	1/2	2,879.88	1/2	3,143.46	1/2	3,406.75	1/2	3,670.30	1/2	3,933.88	1/2	4,197.46	1/2	4,461.04	1/2	4,724.61	1/2	4,988.19
5/8	2,621.79	5/8	2,885.38	5/8	3,148.94	5/8	3,412.24	5/8	3,675.79	5/8	3,939.37	5/8	4,202.95	5/8	4,466.53	5/8	4,730.11	5/8	4,993.68
3/4	2,627.29	3/4	2,890.87	3/4	3,154.43	3/4	3,417.72	3/4	3,681.29	3/4	3,944.86	3/4	4,208.44	3/4	4,472.02	3/4	4,735.60	3/4	4,999.17
7/8	2,632.78	7/8	2,896.36	7/8	3,159.92	7/8	3,423.21	7/8	3,686.78	7/8	3,950.35	7/8	4,213.93	7/8	4,477.51	7/8	4,741.09	7/8	5,004.67
5	2,638.27	11	2,901.85	5	3,165.41	11	3,428.70	5	3,692.27	11	3,955.85	5	4,219.42	11	4,483.00	5	4,746.58	11	5,010.16
1/8	2,643.76	1/8	2,907.34	1/8	3,170.90	1/8	3,434.19	1/8	3,697.76	1/8	3,961.34	1/8	4,224.91	1/8	4,488.49	1/8	4,752.07	1/8	5,015.65
1/4	2,649.25	1/4	2,912.83	1/4	3,176.38	1/4	3,439.68	1/4	3,703.25	1/4	3,966.83	1/4	4,230.41	1/4	4,493.98	1/4	4,757.56	1/4	5,021.14
3/8	2,654.74	3/8	2,918.32	3/8	3,181.87	3/8	3,445.17	3/8	3,708.74	3/8	3,972.32	3/8	4,235.90	3/8	4,499.47	3/8	4,763.05	3/8	5,026.63
1/2	2,660.23	1/2	2,923.82	1/2	3,187.35	1/2	3,450.66	1/2	3,714.23	1/2	3,977.81	1/2	4,241.39	1/2	4,504.97	1/2	4,768.54	1/2	5,032.12
5/8	2,665.72	5/8	2,929.31	5/8	3,192.84	5/8	3,456.16	5/8	3,719.72	5/8	3,983.30	5/8	4,246.88	5/8	4,510.46	5/8	4,774.03	5/8	5,037.61
3/4	2,671.22	3/4	2,934.80	3/4	3,198.32	3/4	3,461.65	3/4	3,725.22	3/4	3,988.79	3/4	4,252.37	3/4	4,515.95	3/4	4,779.53	3/4	5,043.10
7/8	2,676.71	7/8	2,940.29	7/8	3,203.81	7/8	3,467.14	7/8	3,730.71	7/8	3,994.28	7/8	4,257.86	7/8	4,521.44	7/8	4,785.02	7/8	5,048.59

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BARGE "KIRBY 28751"

1 CENTER INNAGE TABLE

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

FORMERLY "HMS 302"

GAUGE HEIGHT 17'-08 1/2"

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	5,054.09	6	5,317.66	0	5,581.24	6	5,844.82	0	6,108.40	6	6,370.11	0	6,630.35	6	6,890.60	0	7,150.27	6	7,360.30
1/8	5,059.58	1/8	5,323.15	1/8	5,586.73	1/8	5,850.31	1/8	6,113.89	1/8	6,375.53	1/8	6,635.77	1/8	6,896.02	1/8	7,155.67	1/8	7,361.51
1/4	5,065.07	1/4	5,328.65	1/4	5,592.22	1/4	5,855.80	1/4	6,119.38	1/4	6,380.95	1/4	6,641.20	1/4	6,901.44	1/4	7,161.07	1/4	7,362.72
3/8	5,070.56	3/8	5,334.14	3/8	5,597.71	3/8	5,861.29	3/8	6,124.87	3/8	6,386.37	3/8	6,646.62	3/8	6,906.86	3/8	7,166.47	3/8	7,363.94
1/2	5,076.05	1/2	5,339.63	1/2	5,603.21	1/2	5,866.78	1/2	6,130.36	1/2	6,391.79	1/2	6,652.04	1/2	6,912.28	1/2	7,171.87	1/2	7,365.15
5/8	5,081.54	5/8	5,345.12	5/8	5,608.70	5/8	5,872.27	5/8	6,135.85	5/8	6,397.22	5/8	6,657.46	5/8	6,917.71	5/8	7,177.27	5/8	7,366.36
3/4	5,087.03	3/4	5,350.61	3/4	5,614.19	3/4	5,877.77	3/4	6,141.34	3/4	6,402.64	3/4	6,662.89	3/4	6,923.13	3/4	7,182.67	3/4	7,367.57
7/8	5,092.52	7/8	5,356.10	7/8	5,619.68	7/8	5,883.26	7/8	6,146.83	7/8	6,408.06	7/8	6,668.31	7/8	6,928.55	7/8	7,188.07	7/8	7,368.79
1	5,098.02	7	5,361.59	1	5,625.17	7	5,888.75	1	6,152.33	7	6,413.48	1	6,673.73	7	6,933.97	1	7,193.47	7	7,370.00
1/8	5,103.51	1/8	5,367.08	1/8	5,630.66	1/8	5,894.24	1/8	6,157.82	1/8	6,418.90	1/8	6,679.15	1/8	6,939.39	1/8	7,198.87	1/8	7,370.53
1/4	5,109.00	1/4	5,372.58	1/4	5,636.15	1/4	5,899.73	1/4	6,163.31	1/4	6,424.32	1/4	6,684.57	1/4	6,944.82	1/4	7,204.27	1/4	7,371.05
3/8	5,114.49	3/8	5,378.07	3/8	5,641.64	3/8	5,905.22	3/8	6,168.80	3/8	6,429.74	3/8	6,689.99	3/8	6,950.24	3/8	7,209.67	3/8	7,371.58
1/2	5,119.98	1/2	5,383.56	1/2	5,647.14	1/2	5,910.71	1/2	6,174.29	1/2	6,435.16	1/2	6,695.41	1/2	6,955.66	1/2	7,215.07	1/2	7,372.10
5/8	5,125.47	5/8	5,389.05	5/8	5,652.63	5/8	5,916.20	5/8	6,179.78	5/8	6,440.59	5/8	6,700.84	5/8	6,961.08	5/8	7,220.47	5/8	7,372.63
3/4	5,130.96	3/4	5,394.54	3/4	5,658.12	3/4	5,921.70	3/4	6,185.27	3/4	6,446.01	3/4	6,706.26	3/4	6,966.51	3/4	7,225.87	3/4	
7/8	5,136.45	7/8	5,400.03	7/8	5,663.61	7/8	5,927.19	7/8	6,190.76	7/8	6,451.43	7/8	6,711.68	7/8	6,971.93	7/8	7,231.27	7/8	
2	5,141.95	8	5,405.52	2	5,669.10	8	5,932.68	2	6,196.26	8	6,456.85	2	6,717.10	8	6,977.35	2	7,236.67	8	
1/8	5,147.44	1/8	5,411.01	1/8	5,674.59	1/8	5,938.17	1/8	6,201.72	1/8	6,462.27	1/8	6,722.52	1/8	6,982.76	1/8	7,241.89	1/8	
1/4	5,152.93	1/4	5,416.51	1/4	5,680.08	1/4	5,943.66	1/4	6,207.19	1/4	6,467.69	1/4	6,727.94	1/4	6,988.18	1/4	7,247.11	1/4	
3/8	5,158.42	3/8	5,422.00	3/8	5,685.57	3/8	5,949.15	3/8	6,212.65	3/8	6,473.12	3/8	6,733.36	3/8	6,993.59	3/8	7,252.33	3/8	
1/2	5,163.91	1/2	5,427.49	1/2	5,691.07	1/2	5,954.64	1/2	6,218.12	1/2	6,478.54	1/2	6,738.78	1/2	6,999.00	1/2	7,257.55	1/2	
5/8	5,169.40	5/8	5,432.98	5/8	5,696.56	5/8	5,960.13	5/8	6,223.58	5/8	6,483.96	5/8	6,744.21	5/8	7,004.42	5/8	7,262.78	5/8	
3/4	5,174.89	3/4	5,438.47	3/4	5,702.05	3/4	5,965.63	3/4	6,229.05	3/4	6,489.38	3/4	6,749.63	3/4	7,009.83	3/4	7,268.00	3/4	
7/8	5,180.38	7/8	5,443.96	7/8	5,707.54	7/8	5,971.12	7/8	6,234.51	7/8	6,494.81	7/8	6,755.05	7/8	7,015.25	7/8	7,273.22	7/8	
3	5,185.87	9	5,449.45	3	5,713.03	9	5,976.61	3	6,239.98	9	6,500.23	3	6,760.47	9	7,020.66	3	7,278.44	9	
1/8	5,191.37	1/8	5,454.94	1/8	5,718.52	1/8	5,982.10	1/8	6,245.40	1/8	6,505.65	1/8	6,765.89	1/8	7,026.06	1/8	7,282.95	1/8	
1/4	5,196.86	1/4	5,460.43	1/4	5,724.01	1/4	5,987.59	1/4	6,250.82	1/4	6,511.07	1/4	6,771.31	1/4	7,031.46	1/4	7,287.46	1/4	
3/8	5,202.35	3/8	5,465.93	3/8	5,729.50	3/8	5,993.08	3/8	6,256.25	3/8	6,516.49	3/8	6,776.74	3/8	7,036.86	3/8	7,291.97	3/8	
1/2	5,207.84	1/2	5,471.42	1/2	5,734.99	1/2	5,998.57	1/2	6,261.67	1/2	6,521.91	1/2	6,782.16	1/2	7,042.26	1/2	7,296.48	1/2	
5/8	5,213.33	5/8	5,476.91	5/8	5,740.49	5/8	6,004.06	5/8	6,267.09	5/8	6,527.34	5/8	6,787.58	5/8	7,047.66	5/8	7,300.99	5/8	
3/4	5,218.82	3/4	5,482.40	3/4	5,745.98	3/4	6,009.55	3/4	6,272.51	3/4	6,532.76	3/4	6,793.00	3/4	7,053.06	3/4	7,305.50	3/4	
7/8	5,224.31	7/8	5,487.89	7/8	5,751.47	7/8	6,015.05	7/8	6,277.94	7/8	6,538.18	7/8	6,798.43	7/8	7,058.46	7/8	7,310.01	7/8	
4	5,229.80	10	5,493.38	4	5,756.96	10	6,020.54	4	6,283.36	10	6,543.60	4	6,803.85	10	7,063.86	4	7,314.52	10	
1/8	5,235.30	1/8	5,498.87	1/8	5,762.45	1/8	6,026.03	1/8	6,288.78	1/8	6,549.02	1/8	6,809.27	1/8	7,069.26	1/8	7,317.93	1/8	
1/4	5,240.79	1/4	5,504.36	1/4	5,767.94	1/4	6,031.52	1/4	6,294.20	1/4	6,554.44	1/4	6,814.69	1/4	7,074.66	1/4	7,321.34	1/4	
3/8	5,246.28	3/8	5,509.86	3/8	5,773.43	3/8	6,037.01	3/8	6,299.62	3/8	6,559.87	3/8	6,820.11	3/8	7,080.06	3/8	7,324.75	3/8	
1/2	5,251.77	1/2	5,515.35	1/2	5,778.92	1/2	6,042.50	1/2	6,305.04	1/2	6,565.29	1/2	6,825.53	1/2	7,085.46	1/2	7,328.16	1/2	
5/8	5,257.26	5/8	5,520.84	5/8	5,784.42	5/8	6,047.99	5/8	6,310.47	5/8	6,570.71	5/8	6,830.96	5/8	7,090.86	5/8	7,331.57	5/8	
3/4	5,262.75	3/4	5,526.33	3/4	5,789.91	3/4	6,053.48	3/4	6,315.89	3/4	6,576.13	3/4	6,836.38	3/4	7,096.26	3/4	7,334.98	3/4	
7/8	5,268.24	7/8	5,531.82	7/8	5,795.40	7/8	6,058.98	7/8	6,321.31	7/8	6,581.56	7/8	6,841.80	7/8	7,101.66	7/8	7,338.39	7/8	
5	5,273.73	11	5,537.31	5	5,800.89	11	6,064.47	5	6,326.73	11	6,586.98	5	6,847.22	11	7,107.06	5	7,341.80	11	
1/8	5,279.23	1/8	5,542.80	1/8	5,806.38	1/8	6,069.96	1/8	6,332.15	1/8	6,592.40	1/8	6,852.64	1/8	7,112.46	1/8	7,344.11	1/8	
1/4	5,284.72	1/4	5,548.29	1/4	5,811.87	1/4	6,075.45	1/4	6,337.58	1/4	6,597.82	1/4	6,858.06	1/4	7,117.86	1/4	7,346.42	1/4	
3/8	5,290.21	3/8	5,553.79	3/8	5,817.36	3/8	6,080.94	3/8	6,343.00	3/8	6,603.24	3/8	6,863.49	3/8	7,123.26	3/8	7,348.74	3/8	
1/2	5,295.70	1/2	5,559.28	1/2	5,822.85	1/2	6,086.43	1/2	6,348.42	1/2	6,608.66	1/2	6,868.91	1/2	7,128.66	1/2	7,351.05	1/2	
5/8	5,301.19	5/8	5,564.77	5/8	5,828.35	5/8	6,091.92	5/8	6,353.84	5/8	6,614.09	5/8	6,874.33	5/8	7,134.07	5/8	7,353.36	5/8	
3/4	5,306.68	3/4	5,570.26	3/4	5,833.84	3/4	6,097.41	3/4	6,359.27	3/4	6,619.51	3/4	6,879.75	3/4	7,139.47	3/4	7,355.67	3/4	
7/8	5,312.17	7/8	5,575.75	7/8	5,839.33	7/8	6,102.91	7/8	6,364.69	7/8	6,624.93	7/8	6,885.18	7/8	7,144.87	7/8	7,357.99	7/8	

STRAPPED: 01/26/2002 ITS

DECK MEASUREMENTS: 03/05/2020 JS

REPRINTED: 3/09/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020

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 28751"

2 PORT INNAGE TABLE

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

FORMERLY "HMS 302"

GAUGE HEIGHT 17'-04 1/4"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	12.35	6	131.69	0	262.36	6	392.81	0	518.48	6	649.19	0	780.13	6	910.59	0	1,041.01	6	1,172.00
1/8	14.30	1/8	134.41	1/8	265.08	1/8	395.53	1/8	521.17	1/8	651.92	1/8	782.86	1/8	913.30	1/8	1,043.74	1/8	1,174.73
1/4	16.25	1/4	137.14	1/4	267.80	1/4	398.25	1/4	523.87	1/4	654.65	1/4	785.58	1/4	916.00	1/4	1,046.47	1/4	1,177.46
3/8	18.20	3/8	139.86	3/8	270.51	3/8	400.97	3/8	526.56	3/8	657.37	3/8	788.31	3/8	918.71	3/8	1,049.20	3/8	1,180.18
1/2	20.14	1/2	142.58	1/2	273.23	1/2	403.68	1/2	529.26	1/2	660.10	1/2	791.03	1/2	921.42	1/2	1,051.92	1/2	1,182.91
5/8	22.09	5/8	145.31	5/8	275.95	5/8	406.40	5/8	531.95	5/8	662.83	5/8	793.76	5/8	924.13	5/8	1,054.65	5/8	1,185.64
3/4	24.04	3/4	148.03	3/4	278.67	3/4	409.12	3/4	534.65	3/4	665.56	3/4	796.49	3/4	926.83	3/4	1,057.38	3/4	1,188.37
7/8	25.99	7/8	150.76	7/8	281.38	7/8	411.84	7/8	537.34	7/8	668.28	7/8	799.21	7/8	929.54	7/8	1,060.11	7/8	1,191.10
1	27.94	7	153.48	1	284.10	7	414.56	1	540.04	7	671.01	1	801.94	7	932.25	1	1,062.84	7	1,193.83
1/8	30.42	1/8	156.20	1/8	286.82	1/8	417.18	1/8	542.77	1/8	673.74	1/8	804.67	1/8	934.96	1/8	1,065.57	1/8	1,196.56
1/4	32.91	1/4	158.93	1/4	289.54	1/4	419.80	1/4	545.50	1/4	676.47	1/4	807.39	1/4	937.67	1/4	1,068.30	1/4	1,199.29
3/8	35.39	3/8	161.65	3/8	292.25	3/8	422.43	3/8	548.23	3/8	679.20	3/8	810.12	3/8	940.38	3/8	1,071.03	3/8	1,202.02
1/2	37.87	1/2	164.37	1/2	294.97	1/2	425.05	1/2	550.95	1/2	681.92	1/2	812.84	1/2	943.08	1/2	1,073.75	1/2	1,204.75
5/8	40.36	5/8	167.10	5/8	297.69	5/8	427.67	5/8	553.68	5/8	684.65	5/8	815.57	5/8	945.79	5/8	1,076.48	5/8	1,207.48
3/4	42.84	3/4	169.82	3/4	300.41	3/4	430.29	3/4	556.41	3/4	687.38	3/4	818.30	3/4	948.50	3/4	1,079.21	3/4	1,210.21
7/8	45.33	7/8	172.55	7/8	303.12	7/8	432.92	7/8	559.14	7/8	690.11	7/8	821.02	7/8	951.21	7/8	1,081.94	7/8	1,212.94
2	47.81	8	175.27	2	305.84	8	435.54	2	561.87	8	692.84	2	823.75	8	953.92	2	1,084.67	8	1,215.67
1/8	50.41	1/8	177.99	1/8	308.56	1/8	438.13	1/8	564.60	1/8	695.57	1/8	826.47	1/8	956.63	1/8	1,087.40	1/8	1,218.40
1/4	53.01	1/4	180.72	1/4	311.28	1/4	440.72	1/4	567.33	1/4	698.29	1/4	829.20	1/4	959.34	1/4	1,090.13	1/4	1,221.13
3/8	55.60	3/8	183.44	3/8	313.99	3/8	443.32	3/8	570.06	3/8	701.02	3/8	831.92	3/8	962.05	3/8	1,092.86	3/8	1,223.86
1/2	58.20	1/2	186.17	1/2	316.71	1/2	445.91	1/2	572.79	1/2	703.75	1/2	834.65	1/2	964.75	1/2	1,095.59	1/2	1,226.58
5/8	60.80	5/8	188.89	5/8	319.43	5/8	448.50	5/8	575.51	5/8	706.48	5/8	837.37	5/8	967.46	5/8	1,098.32	5/8	1,229.31
3/4	63.40	3/4	191.62	3/4	322.15	3/4	451.09	3/4	578.24	3/4	709.20	3/4	840.10	3/4	970.17	3/4	1,101.05	3/4	1,232.04
7/8	65.99	7/8	194.34	7/8	324.86	7/8	453.69	7/8	580.97	7/8	711.93	7/8	842.82	7/8	972.88	7/8	1,103.78	7/8	1,234.77
3	68.59	9	197.07	3	327.58	9	456.28	3	583.70	9	714.66	3	845.55	9	975.59	3	1,106.51	9	1,237.50
1/8	71.19	1/8	199.79	1/8	330.30	1/8	458.87	1/8	586.43	1/8	717.39	1/8	848.26	1/8	978.31	1/8	1,109.24	1/8	1,240.23
1/4	73.79	1/4	202.52	1/4	333.02	1/4	461.46	1/4	589.16	1/4	720.11	1/4	850.97	1/4	981.03	1/4	1,111.97	1/4	1,242.96
3/8	76.38	3/8	205.24	3/8	335.74	3/8	464.05	3/8	591.89	3/8	722.84	3/8	853.69	3/8	983.76	3/8	1,114.70	3/8	1,245.69
1/2	78.98	1/2	207.96	1/2	338.46	1/2	466.64	1/2	594.62	1/2	725.57	1/2	856.40	1/2	986.48	1/2	1,117.42	1/2	1,248.41
5/8	81.58	5/8	210.69	5/8	341.17	5/8	469.24	5/8	597.34	5/8	728.30	5/8	859.11	5/8	989.20	5/8	1,120.15	5/8	1,251.14
3/4	84.18	3/4	213.41	3/4	343.89	3/4	471.83	3/4	600.07	3/4	731.02	3/4	861.82	3/4	991.92	3/4	1,122.88	3/4	1,253.87
7/8	86.77	7/8	216.14	7/8	346.61	7/8	474.42	7/8	602.80	7/8	733.75	7/8	864.54	7/8	994.65	7/8	1,125.61	7/8	1,256.60
4	89.37	10	218.86	4	349.33	10	477.01	4	605.53	10	736.48	4	867.25	10	997.37	4	1,128.34	10	1,259.33
1/8	91.97	1/8	221.58	1/8	352.05	1/8	479.60	1/8	608.26	1/8	739.21	1/8	869.96	1/8	1,000.10	1/8	1,131.07	1/8	1,262.06
1/4	94.56	1/4	224.30	1/4	354.76	1/4	482.19	1/4	610.99	1/4	741.93	1/4	872.67	1/4	1,002.83	1/4	1,133.80	1/4	1,264.79
3/8	97.16	3/8	227.02	3/8	357.48	3/8	484.78	3/8	613.72	3/8	744.66	3/8	875.38	3/8	1,005.55	3/8	1,136.53	3/8	1,267.52
1/2	99.76	1/2	229.73	1/2	360.20	1/2	487.38	1/2	616.45	1/2	747.39	1/2	878.08	1/2	1,008.28	1/2	1,139.25	1/2	1,270.24
5/8	102.36	5/8	232.45	5/8	362.92	5/8	489.97	5/8	619.17	5/8	750.12	5/8	880.79	5/8	1,011.01	5/8	1,141.98	5/8	1,272.97
3/4	104.96	3/4	235.17	3/4	365.63	3/4	492.56	3/4	621.90	3/4	752.84	3/4	883.50	3/4	1,013.74	3/4	1,144.71	3/4	1,275.70
7/8	107.55	7/8	237.89	7/8	368.35	7/8	495.15	7/8	624.63	7/8	755.57	7/8	886.21	7/8	1,016.46	7/8	1,147.44	7/8	1,278.43
5	110.15	11	240.61	5	371.07	11	497.74	5	627.36	11	758.30	5	888.92	11	1,019.19	5	1,150.17	11	1,281.16
1/8	112.84	1/8	243.33	1/8	373.79	1/8	500.33	1/8	630.09	1/8	761.03	1/8	891.63	1/8	1,021.92	1/8	1,152.90	1/8	1,283.89
1/4	115.54	1/4	246.05	1/4	376.50	1/4	502.93	1/4	632.82	1/4	763.76	1/4	894.34	1/4	1,024.65	1/4	1,155.63	1/4	1,286.62
3/8	118.23	3/8	248.77	3/8	379.22	3/8	505.52	3/8	635.55	3/8	766.49	3/8	897.05	3/8	1,027.37	3/8	1,158.36	3/8	1,289.34
1/2	120.92	1/2	251.49	1/2	381.94	1/2	508.11	1/2	638.28	1/2	769.21	1/2	899.75	1/2	1,030.10	1/2	1,161.08	1/2	1,292.07
5/8	123.61	5/8	254.20	5/8	384.66	5/8	510.70	5/8	641.01	5/8	771.94	5/8	902.46	5/8	1,032.83	5/8	1,163.81	5/8	1,294.80
3/4	126.31	3/4	256.92	3/4	387.37	3/4	513.29	3/4	643.73	3/4	774.67	3/4	905.17	3/4	1,035.56	3/4	1,166.54	3/4	1,297.53
7/8	129.00	7/8	259.64	7/8	390.09	7/8	515.89	7/8	646.46	7/8	777.40	7/8	907.88	7/8	1,038.28	7/8	1,169.27	7/8	1,300.26

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" DIAMETER STANDPIPE

GAUGE POINT: (MANUAL) LOCATED 09'-09" OFF CENTERLINE AND 33'-00" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "KIRBY 28751"

2 PORT INNAGE TABLE

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

FORMERLY "HMS 302"

GAUGE HEIGHT 17'-04 1/4"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	1,302.99	6	1,433.99	0	1,564.98	6	1,695.97	0	1,826.96	6	1,957.95	0	2,088.95	6	2,219.94	0	2,350.93	6	2,481.92
1/8	1,305.72	1/8	1,436.72	1/8	1,567.71	1/8	1,698.70	1/8	1,829.69	1/8	1,960.68	1/8	2,091.68	1/8	2,222.67	1/8	2,353.66	1/8	2,484.65
1/4	1,308.45	1/4	1,439.45	1/4	1,570.44	1/4	1,701.43	1/4	1,832.42	1/4	1,963.41	1/4	2,094.41	1/4	2,225.40	1/4	2,356.39	1/4	2,487.38
3/8	1,311.18	3/8	1,442.18	3/8	1,573.17	3/8	1,704.16	3/8	1,835.14	3/8	1,966.14	3/8	2,097.14	3/8	2,228.13	3/8	2,359.12	3/8	2,490.10
1/2	1,313.91	1/2	1,444.90	1/2	1,575.89	1/2	1,706.88	1/2	1,837.87	1/2	1,968.87	1/2	2,099.86	1/2	2,230.85	1/2	2,361.84	1/2	2,492.83
5/8	1,316.64	5/8	1,447.63	5/8	1,578.82	5/8	1,709.81	5/8	1,840.80	5/8	1,971.80	5/8	2,102.59	5/8	2,233.58	5/8	2,364.57	5/8	2,495.56
3/4	1,319.37	3/4	1,450.36	3/4	1,581.35	3/4	1,712.34	3/4	1,843.33	3/4	1,974.33	3/4	2,105.32	3/4	2,236.31	3/4	2,367.30	3/4	2,498.29
7/8	1,322.10	7/8	1,453.09	7/8	1,584.08	7/8	1,715.07	7/8	1,846.06	7/8	1,977.06	7/8	2,108.05	7/8	2,239.04	7/8	2,370.03	7/8	2,501.02
1	1,324.83	7	1,455.82	1	1,586.81	7	1,717.80	1	1,848.79	7	1,979.79	1	2,110.78	7	2,241.77	1	2,372.76	7	2,503.75
1/8	1,327.56	1/8	1,458.55	1/8	1,589.54	1/8	1,720.53	1/8	1,851.52	1/8	1,982.52	1/8	2,113.51	1/8	2,244.50	1/8	2,375.49	1/8	2,506.48
1/4	1,330.29	1/4	1,461.28	1/4	1,592.27	1/4	1,723.26	1/4	1,854.25	1/4	1,985.25	1/4	2,116.24	1/4	2,247.23	1/4	2,378.22	1/4	2,509.21
3/8	1,333.02	3/8	1,464.01	3/8	1,595.00	3/8	1,725.98	3/8	1,856.98	3/8	1,987.98	3/8	2,118.97	3/8	2,249.96	3/8	2,380.94	3/8	2,511.94
1/2	1,335.74	1/2	1,466.73	1/2	1,597.72	1/2	1,728.71	1/2	1,859.71	1/2	1,990.70	1/2	2,121.69	1/2	2,252.68	1/2	2,383.67	1/2	2,514.67
5/8	1,338.47	5/8	1,469.46	5/8	1,600.45	5/8	1,731.44	5/8	1,862.44	5/8	1,993.43	5/8	2,124.42	5/8	2,255.41	5/8	2,386.40	5/8	2,517.40
3/4	1,341.20	3/4	1,472.19	3/4	1,603.18	3/4	1,734.17	3/4	1,865.17	3/4	1,996.16	3/4	2,127.15	3/4	2,258.14	3/4	2,389.13	3/4	2,520.13
7/8	1,343.93	7/8	1,474.92	7/8	1,605.91	7/8	1,736.90	7/8	1,867.90	7/8	1,998.89	7/8	2,129.88	7/8	2,260.87	7/8	2,391.86	7/8	2,522.86
2	1,346.66	8	1,477.65	2	1,608.64	8	1,739.63	2	1,870.63	8	2,001.62	2	2,132.61	8	2,263.60	2	2,394.59	8	2,525.59
1/8	1,349.39	1/8	1,480.38	1/8	1,611.37	1/8	1,742.36	1/8	1,873.36	1/8	2,004.35	1/8	2,135.34	1/8	2,266.33	1/8	2,397.32	1/8	2,528.32
1/4	1,352.12	1/4	1,483.11	1/4	1,614.10	1/4	1,745.09	1/4	1,876.09	1/4	2,007.08	1/4	2,138.07	1/4	2,269.06	1/4	2,400.05	1/4	2,531.05
3/8	1,354.85	3/8	1,485.84	3/8	1,616.82	3/8	1,747.82	3/8	1,878.82	3/8	2,009.81	3/8	2,140.80	3/8	2,271.78	3/8	2,402.78	3/8	2,533.78
1/2	1,357.57	1/2	1,488.56	1/2	1,619.55	1/2	1,750.55	1/2	1,881.54	1/2	2,012.53	1/2	2,143.52	1/2	2,274.51	1/2	2,405.51	1/2	2,536.50
5/8	1,360.30	5/8	1,491.29	5/8	1,622.28	5/8	1,753.28	5/8	1,884.27	5/8	2,015.26	5/8	2,146.25	5/8	2,277.24	5/8	2,408.24	5/8	2,539.23
3/4	1,363.03	3/4	1,494.02	3/4	1,625.01	3/4	1,756.01	3/4	1,887.00	3/4	2,017.99	3/4	2,148.98	3/4	2,279.97	3/4	2,410.97	3/4	2,541.96
7/8	1,365.76	7/8	1,496.75	7/8	1,627.74	7/8	1,758.74	7/8	1,889.73	7/8	2,020.72	7/8	2,151.71	7/8	2,282.70	7/8	2,413.70	7/8	2,544.69
3	1,368.49	9	1,499.48	3	1,630.47	9	1,761.47	3	1,892.46	9	2,023.45	3	2,154.44	9	2,285.43	3	2,416.43	9	2,547.42
1/8	1,371.22	1/8	1,502.21	1/8	1,633.20	1/8	1,764.20	1/8	1,895.19	1/8	2,026.18	1/8	2,157.17	1/8	2,288.16	1/8	2,419.16	1/8	2,550.15
1/4	1,373.95	1/4	1,504.94	1/4	1,635.93	1/4	1,766.93	1/4	1,897.92	1/4	2,028.91	1/4	2,159.90	1/4	2,290.89	1/4	2,421.89	1/4	2,552.88
3/8	1,376.68	3/8	1,507.66	3/8	1,638.66	3/8	1,769.66	3/8	1,900.65	3/8	2,031.64	3/8	2,162.62	3/8	2,293.62	3/8	2,424.62	3/8	2,555.61
1/2	1,379.40	1/2	1,510.39	1/2	1,641.39	1/2	1,772.38	1/2	1,903.37	1/2	2,034.36	1/2	2,165.35	1/2	2,296.35	1/2	2,427.34	1/2	2,558.33
5/8	1,382.13	5/8	1,513.12	5/8	1,644.12	5/8	1,775.11	5/8	1,906.10	5/8	2,037.09	5/8	2,168.08	5/8	2,299.08	5/8	2,430.07	5/8	2,561.06
3/4	1,384.86	3/4	1,515.85	3/4	1,646.85	3/4	1,777.84	3/4	1,908.83	3/4	2,039.82	3/4	2,170.81	3/4	2,301.81	3/4	2,432.80	3/4	2,563.79
7/8	1,387.59	7/8	1,518.58	7/8	1,649.58	7/8	1,780.57	7/8	1,911.56	7/8	2,042.55	7/8	2,173.54	7/8	2,304.54	7/8	2,435.53	7/8	2,566.52
4	1,390.32	10	1,521.31	4	1,652.31	10	1,783.30	4	1,914.29	10	2,045.28	4	2,176.27	10	2,307.27	4	2,438.26	10	2,569.25
1/8	1,393.05	1/8	1,524.04	1/8	1,655.04	1/8	1,786.03	1/8	1,917.02	1/8	2,048.01	1/8	2,179.00	1/8	2,310.00	1/8	2,440.99	1/8	2,571.98
1/4	1,395.78	1/4	1,526.77	1/4	1,657.77	1/4	1,788.76	1/4	1,919.75	1/4	2,050.74	1/4	2,181.73	1/4	2,312.73	1/4	2,443.72	1/4	2,574.71
3/8	1,398.50	3/8	1,529.50	3/8	1,660.50	3/8	1,791.49	3/8	1,922.48	3/8	2,053.46	3/8	2,184.46	3/8	2,315.46	3/8	2,446.45	3/8	2,577.44
1/2	1,401.23	1/2	1,532.23	1/2	1,663.22	1/2	1,794.21	1/2	1,925.20	1/2	2,056.19	1/2	2,187.19	1/2	2,318.18	1/2	2,449.17	1/2	2,580.16
5/8	1,403.96	5/8	1,534.96	5/8	1,665.95	5/8	1,796.94	5/8	1,927.93	5/8	2,058.92	5/8	2,189.92	5/8	2,320.91	5/8	2,451.90	5/8	2,582.89
3/4	1,406.69	3/4	1,537.69	3/4	1,668.68	3/4	1,799.67	3/4	1,930.66	3/4	2,061.65	3/4	2,192.65	3/4	2,323.64	3/4	2,454.63	3/4	2,585.62
7/8	1,409.42	7/8	1,540.42	7/8	1,671.41	7/8	1,802.40	7/8	1,933.39	7/8	2,064.38	7/8	2,195.38	7/8	2,326.37	7/8	2,457.36	7/8	2,588.35
5	1,412.15	11	1,543.15	5	1,674.14	11	1,805.13	5	1,936.12	11	2,067.11	5	2,198.11	11	2,329.10	5	2,460.09	11	2,591.08
1/8	1,414.88	1/8	1,545.88	1/8	1,676.87	1/8	1,807.86	1/8	1,938.85	1/8	2,069.84	1/8	2,200.84	1/8	2,331.83	1/8	2,462.82	1/8	2,593.81
1/4	1,417.61	1/4	1,548.61	1/4	1,679.60	1/4	1,810.59	1/4	1,941.58	1/4	2,072.57	1/4	2,203.57	1/4	2,334.56	1/4	2,465.55	1/4	2,596.54
3/8	1,420.34	3/8	1,551.34	3/8	1,682.33	3/8	1,813.32	3/8	1,944.30	3/8	2,075.30	3/8	2,206.30	3/8	2,337.29	3/8	2,468.28	3/8	2,599.26
1/2	1,423.07	1/2	1,554.06	1/2	1,685.05	1/2	1,816.04	1/2	1,947.03	1/2	2,078.03	1/2	2,209.02	1/2	2,340.01	1/2	2,471.00	1/2	2,601.99
5/8	1,425.80	5/8	1,556.79	5/8	1,687.78	5/8	1,818.77	5/8	1,949.76	5/8	2,080.76	5/8	2,211.75	5/8	2,342.74	5/8	2,473.73	5/8	2,604.72
3/4	1,428.53	3/4	1,559.52	3/4	1,690.51	3/4	1,821.50	3/4	1,952.49	3/4	2,083.49	3/4	2,214.48	3/4	2,345.47	3/4	2,476.46	3/4	2,607.45
7/8	1,431.26	7/8	1,562.25	7/8	1,693.24	7/8	1,824.23	7/8	1,955.22	7/8	2,086.22	7/8	2,217.21	7/8	2,348.20	7/8	2,479.19	7/8	2,610.18

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BARGE "KIRBY 28751"

2 PORT INNAGE TABLE

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

FORMERLY "HMS 302"

GAUGE HEIGHT 17'-04 1/4"

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	2,612.91	6	2,743.91	0	2,874.90	6	3,005.89	0	3,136.88	6	3,267.87	0	3,398.87	6	3,529.86	0	3,660.85	6	3,742.28
1/8	2,615.64	1/8	2,746.64	1/8	2,877.63	1/8	3,008.62	1/8	3,139.61	1/8	3,270.60	1/8	3,401.60	1/8	3,532.59	1/8	3,663.58	1/8	3,742.55
1/4	2,618.37	1/4	2,749.37	1/4	2,880.36	1/4	3,011.35	1/4	3,142.34	1/4	3,273.33	1/4	3,404.33	1/4	3,535.32	1/4	3,666.31	1/4	3,742.83
3/8	2,621.10	3/8	2,752.10	3/8	2,883.09	3/8	3,014.08	3/8	3,145.06	3/8	3,276.06	3/8	3,407.06	3/8	3,538.05	3/8	3,669.04	3/8	
1/2	2,623.83	1/2	2,754.82	1/2	2,885.81	1/2	3,016.80	1/2	3,147.79	1/2	3,278.79	1/2	3,409.78	1/2	3,540.77	1/2	3,671.76	1/2	
5/8	2,626.56	5/8	2,757.55	5/8	2,888.54	5/8	3,019.53	5/8	3,150.52	5/8	3,281.52	5/8	3,412.51	5/8	3,543.50	5/8	3,674.49	5/8	
3/4	2,629.29	3/4	2,760.28	3/4	2,891.27	3/4	3,022.26	3/4	3,153.25	3/4	3,284.25	3/4	3,415.24	3/4	3,546.23	3/4	3,677.22	3/4	
7/8	2,632.02	7/8	2,763.01	7/8	2,894.00	7/8	3,024.99	7/8	3,155.98	7/8	3,286.98	7/8	3,417.97	7/8	3,548.96	7/8	3,679.95	7/8	
1	2,634.75	7	2,765.74	1	2,896.73	7	3,027.72	1	3,158.71	7	3,289.71	1	3,420.70	7	3,551.69	1	3,682.68	7	
1/8	2,637.48	1/8	2,768.47	1/8	2,899.46	1/8	3,030.45	1/8	3,161.44	1/8	3,292.44	1/8	3,423.43	1/8	3,554.42	1/8	3,685.21	1/8	
1/4	2,640.21	1/4	2,771.20	1/4	2,902.19	1/4	3,033.18	1/4	3,164.17	1/4	3,295.17	1/4	3,426.16	1/4	3,557.15	1/4	3,687.74	1/4	
3/8	2,642.94	3/8	2,773.93	3/8	2,904.92	3/8	3,035.90	3/8	3,166.90	3/8	3,297.90	3/8	3,428.89	3/8	3,559.88	3/8	3,690.27	3/8	
1/2	2,645.66	1/2	2,776.65	1/2	2,907.64	1/2	3,038.63	1/2	3,169.63	1/2	3,300.62	1/2	3,431.61	1/2	3,562.60	1/2	3,692.79	1/2	
5/8	2,648.39	5/8	2,779.38	5/8	2,910.37	5/8	3,041.36	5/8	3,172.36	5/8	3,303.35	5/8	3,434.34	5/8	3,565.33	5/8	3,695.32	5/8	
3/4	2,651.12	3/4	2,782.11	3/4	2,913.10	3/4	3,044.09	3/4	3,175.09	3/4	3,306.08	3/4	3,437.07	3/4	3,568.06	3/4	3,697.85	3/4	
7/8	2,653.85	7/8	2,784.84	7/8	2,915.83	7/8	3,046.82	7/8	3,177.82	7/8	3,308.81	7/8	3,439.80	7/8	3,570.79	7/8	3,700.38	7/8	
2	2,656.58	8	2,787.57	2	2,918.56	8	3,049.55	2	3,180.55	8	3,311.54	2	3,442.53	8	3,573.52	2	3,702.91	8	
1/8	2,659.31	1/8	2,790.30	1/8	2,921.29	1/8	3,052.28	1/8	3,183.28	1/8	3,314.27	1/8	3,445.26	1/8	3,576.25	1/8	3,704.96	1/8	
1/4	2,662.04	1/4	2,793.03	1/4	2,924.02	1/4	3,055.01	1/4	3,186.01	1/4	3,317.00	1/4	3,447.99	1/4	3,578.98	1/4	3,707.01	1/4	
3/8	2,664.77	3/8	2,795.76	3/8	2,926.74	3/8	3,057.74	3/8	3,188.74	3/8	3,319.73	3/8	3,450.72	3/8	3,581.70	3/8	3,709.06	3/8	
1/2	2,667.49	1/2	2,798.48	1/2	2,929.47	1/2	3,060.47	1/2	3,191.46	1/2	3,322.45	1/2	3,453.44	1/2	3,584.43	1/2	3,711.11	1/2	
5/8	2,670.22	5/8	2,801.21	5/8	2,932.20	5/8	3,063.20	5/8	3,194.19	5/8	3,325.18	5/8	3,456.17	5/8	3,587.16	5/8	3,713.17	5/8	
3/4	2,672.95	3/4	2,803.94	3/4	2,934.93	3/4	3,065.93	3/4	3,196.92	3/4	3,327.91	3/4	3,458.90	3/4	3,589.89	3/4	3,715.22	3/4	
7/8	2,675.68	7/8	2,806.67	7/8	2,937.66	7/8	3,068.66	7/8	3,199.65	7/8	3,330.64	7/8	3,461.63	7/8	3,592.62	7/8	3,717.27	7/8	
3	2,678.41	9	2,809.40	3	2,940.39	9	3,071.39	3	3,202.38	9	3,333.37	3	3,464.36	9	3,595.35	3	3,719.32	9	
1/8	2,681.14	1/8	2,812.13	1/8	2,943.12	1/8	3,074.12	1/8	3,205.11	1/8	3,336.10	1/8	3,467.09	1/8	3,598.08	1/8	3,720.82	1/8	
1/4	2,683.87	1/4	2,814.86	1/4	2,945.85	1/4	3,076.85	1/4	3,207.84	1/4	3,338.83	1/4	3,469.82	1/4	3,600.81	1/4	3,722.33	1/4	
3/8	2,686.60	3/8	2,817.58	3/8	2,948.58	3/8	3,079.58	3/8	3,210.57	3/8	3,341.56	3/8	3,472.54	3/8	3,603.54	3/8	3,723.83	3/8	
1/2	2,689.32	1/2	2,820.31	1/2	2,951.31	1/2	3,082.30	1/2	3,213.29	1/2	3,344.28	1/2	3,475.27	1/2	3,606.27	1/2	3,725.33	1/2	
5/8	2,692.05	5/8	2,823.04	5/8	2,954.04	5/8	3,085.03	5/8	3,216.02	5/8	3,347.01	5/8	3,478.00	5/8	3,609.00	5/8	3,726.84	5/8	
3/4	2,694.78	3/4	2,825.77	3/4	2,956.77	3/4	3,087.76	3/4	3,218.75	3/4	3,349.74	3/4	3,480.73	3/4	3,611.73	3/4	3,728.34	3/4	
7/8	2,697.51	7/8	2,828.50	7/8	2,959.50	7/8	3,090.49	7/8	3,221.48	7/8	3,352.47	7/8	3,483.46	7/8	3,614.46	7/8	3,729.85	7/8	
4	2,700.24	10	2,831.23	4	2,962.23	10	3,093.22	4	3,224.21	10	3,355.20	4	3,486.19	10	3,617.19	4	3,731.35	10	
1/8	2,702.97	1/8	2,833.96	1/8	2,964.96	1/8	3,095.95	1/8	3,226.94	1/8	3,357.93	1/8	3,488.92	1/8	3,619.92	1/8	3,732.31	1/8	
1/4	2,705.70	1/4	2,836.69	1/4	2,967.69	1/4	3,098.68	1/4	3,229.67	1/4	3,360.66	1/4	3,491.65	1/4	3,622.65	1/4	3,733.26	1/4	
3/8	2,708.42	3/8	2,839.42	3/8	2,970.42	3/8	3,101.41	3/8	3,232.40	3/8	3,363.38	3/8	3,494.38	3/8	3,625.38	3/8	3,734.22	3/8	
1/2	2,711.15	1/2	2,842.15	1/2	2,973.14	1/2	3,104.13	1/2	3,235.12	1/2	3,366.11	1/2	3,497.11	1/2	3,628.10	1/2	3,735.17	1/2	
5/8	2,713.88	5/8	2,844.88	5/8	2,975.87	5/8	3,106.86	5/8	3,237.85	5/8	3,368.84	5/8	3,499.84	5/8	3,630.83	5/8	3,736.13	5/8	
3/4	2,716.61	3/4	2,847.61	3/4	2,978.60	3/4	3,109.59	3/4	3,240.58	3/4	3,371.57	3/4	3,502.57	3/4	3,633.56	3/4	3,737.09	3/4	
7/8	2,719.34	7/8	2,850.34	7/8	2,981.33	7/8	3,112.32	7/8	3,243.31	7/8	3,374.30	7/8	3,505.30	7/8	3,636.29	7/8	3,738.04	7/8	
5	2,722.07	11	2,853.07	5	2,984.06	11	3,115.05	5	3,246.04	11	3,377.03	5	3,508.03	11	3,639.02	5	3,739.00	11	
1/8	2,724.80	1/8	2,855.80	1/8	2,986.79	1/8	3,117.78	1/8	3,248.77	1/8	3,379.76	1/8	3,510.76	1/8	3,641.75	1/8	3,739.41	1/8	
1/4	2,727.53	1/4	2,858.53	1/4	2,989.52	1/4	3,120.51	1/4	3,251.50	1/4	3,382.49	1/4	3,513.49	1/4	3,644.48	1/4	3,739.82	1/4	
3/8	2,730.26	3/8	2,861.26	3/8	2,992.25	3/8	3,123.24	3/8	3,254.22	3/8	3,385.22	3/8	3,516.22	3/8	3,647.21	3/8	3,740.23	3/8	
1/2	2,732.99	1/2	2,863.98	1/2	2,994.97	1/2	3,125.96	1/2	3,256.95	1/2	3,387.95	1/2	3,518.94	1/2	3,649.93	1/2	3,740.64	1/2	
5/8	2,735.72	5/8	2,866.71	5/8	2,997.70	5/8	3,128.69	5/8	3,259.68	5/8	3,390.68	5/8	3,521.67	5/8	3,652.66	5/8	3,741.05	5/8	
3/4	2,738.45	3/4	2,869.44	3/4	3,000.43	3/4	3,131.42	3/4	3,262.41	3/4	3,393.41	3/4	3,524.40	3/4	3,655.39	3/4	3,741.46	3/4	
7/8	2,741.18	7/8	2,872.17	7/8	3,003.16	7/8	3,134.15	7/8	3,265.14	7/8	3,396.14	7/8	3,527.13	7/8	3,658.12	7/8	3,741.87	7/8	

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CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020

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PRECISION MEASUREMENT
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BARGE "KIRBY 28751"

2 STBD INNAGE TABLE

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

FORMERLY "HMS 302"

GAUGE HEIGHT 17'-04"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	12.37	6	131.90	0	262.76	6	393.41	0	519.27	6	650.18	0	781.32	6	911.78	0	1,042.21	6	1,173.38
1/8	14.32	1/8	134.63	1/8	265.48	1/8	396.13	1/8	521.97	1/8	652.91	1/8	784.04	1/8	914.49	1/8	1,044.94	1/8	1,176.11
1/4	16.27	1/4	137.35	1/4	268.20	1/4	398.86	1/4	524.67	1/4	655.64	1/4	786.77	1/4	917.20	1/4	1,047.67	1/4	1,178.85
3/8	18.22	3/8	140.08	3/8	270.92	3/8	401.58	3/8	527.37	3/8	658.38	3/8	789.49	3/8	919.92	3/8	1,050.40	3/8	1,181.58
1/2	20.17	1/2	142.81	1/2	273.64	1/2	404.30	1/2	530.06	1/2	661.11	1/2	792.22	1/2	922.63	1/2	1,053.13	1/2	1,184.31
5/8	22.13	5/8	145.54	5/8	276.37	5/8	407.02	5/8	532.76	5/8	663.84	5/8	794.94	5/8	925.34	5/8	1,055.87	5/8	1,187.05
3/4	24.08	3/4	148.26	3/4	279.09	3/4	409.75	3/4	535.46	3/4	666.57	3/4	797.67	3/4	928.05	3/4	1,058.60	3/4	1,189.78
7/8	26.03	7/8	150.99	7/8	281.81	7/8	412.47	7/8	538.16	7/8	669.31	7/8	800.39	7/8	930.77	7/8	1,061.33	7/8	1,192.52
1	27.98	7	153.72	1	284.53	7	415.19	1	540.86	7	672.04	1	803.12	7	933.48	1	1,064.06	7	1,195.25
1/8	30.47	1/8	156.45	1/8	287.25	1/8	417.82	1/8	543.59	1/8	674.77	1/8	805.84	1/8	936.19	1/8	1,066.79	1/8	1,197.98
1/4	32.95	1/4	159.18	1/4	289.98	1/4	420.45	1/4	546.33	1/4	677.50	1/4	808.56	1/4	938.91	1/4	1,069.52	1/4	1,200.72
3/8	35.44	3/8	161.91	3/8	292.70	3/8	423.07	3/8	549.06	3/8	680.23	3/8	811.28	3/8	941.62	3/8	1,072.26	3/8	1,203.45
1/2	37.93	1/2	164.63	1/2	295.42	1/2	425.70	1/2	551.79	1/2	682.96	1/2	814.00	1/2	944.33	1/2	1,074.99	1/2	1,206.18
5/8	40.42	5/8	167.36	5/8	298.14	5/8	428.33	5/8	554.53	5/8	685.70	5/8	816.73	5/8	947.05	5/8	1,077.72	5/8	1,208.91
3/4	42.90	3/4	170.09	3/4	300.87	3/4	430.96	3/4	557.26	3/4	688.43	3/4	819.45	3/4	949.76	3/4	1,080.45	3/4	1,211.65
7/8	45.39	7/8	172.82	7/8	303.59	7/8	433.58	7/8	560.00	7/8	691.16	7/8	822.17	7/8	952.48	7/8	1,083.19	7/8	1,214.38
2	47.88	8	175.55	2	306.31	8	436.21	2	562.73	8	693.89	2	824.89	8	955.19	2	1,085.92	8	1,217.11
1/8	50.48	1/8	178.28	1/8	309.03	1/8	438.81	1/8	565.46	1/8	696.62	1/8	827.61	1/8	957.90	1/8	1,088.65	1/8	1,219.84
1/4	53.08	1/4	181.01	1/4	311.76	1/4	441.40	1/4	568.20	1/4	699.36	1/4	830.33	1/4	960.61	1/4	1,091.39	1/4	1,222.58
3/8	55.69	3/8	183.73	3/8	314.48	3/8	444.00	3/8	570.93	3/8	702.09	3/8	833.05	3/8	963.33	3/8	1,094.12	3/8	1,225.31
1/2	58.29	1/2	186.46	1/2	317.20	1/2	446.59	1/2	573.66	1/2	704.82	1/2	835.78	1/2	966.04	1/2	1,096.85	1/2	1,228.04
5/8	60.89	5/8	189.19	5/8	319.92	5/8	449.19	5/8	576.39	5/8	707.55	5/8	838.50	5/8	968.75	5/8	1,099.59	5/8	1,230.78
3/4	63.49	3/4	191.92	3/4	322.65	3/4	451.79	3/4	579.13	3/4	710.29	3/4	841.22	3/4	971.46	3/4	1,102.32	3/4	1,233.51
7/8	66.10	7/8	194.64	7/8	325.37	7/8	454.38	7/8	581.86	7/8	713.02	7/8	843.94	7/8	974.18	7/8	1,105.06	7/8	1,236.25
3	68.70	9	197.37	3	328.09	9	456.98	3	584.59	9	715.75	3	846.66	9	976.89	3	1,107.79	9	1,238.98
1/8	71.30	1/8	200.10	1/8	330.81	1/8	459.57	1/8	587.32	1/8	718.48	1/8	849.38	1/8	979.61	1/8	1,110.52	1/8	1,241.71
1/4	73.90	1/4	202.83	1/4	333.53	1/4	462.17	1/4	590.06	1/4	721.22	1/4	852.09	1/4	982.33	1/4	1,113.26	1/4	1,244.44
3/8	76.50	3/8	205.55	3/8	336.25	3/8	464.76	3/8	592.79	3/8	723.95	3/8	854.81	3/8	985.05	3/8	1,115.99	3/8	1,247.18
1/2	79.10	1/2	208.28	1/2	338.97	1/2	467.36	1/2	595.52	1/2	726.68	1/2	857.52	1/2	987.77	1/2	1,118.72	1/2	1,249.91
5/8	81.71	5/8	211.01	5/8	341.70	5/8	469.95	5/8	598.26	5/8	729.41	5/8	860.23	5/8	990.49	5/8	1,121.45	5/8	1,252.64
3/4	84.31	3/4	213.74	3/4	344.42	3/4	472.55	3/4	600.99	3/4	732.14	3/4	862.95	3/4	993.21	3/4	1,124.19	3/4	1,255.37
7/8	86.91	7/8	216.46	7/8	347.14	7/8	475.14	7/8	603.73	7/8	734.88	7/8	865.66	7/8	995.93	7/8	1,126.92	7/8	1,258.11
4	89.51	10	219.19	4	349.86	10	477.74	4	606.46	10	737.61	4	868.38	10	998.65	4	1,129.65	10	1,260.84
1/8	92.11	1/8	221.91	1/8	352.58	1/8	480.34	1/8	609.19	1/8	740.34	1/8	871.09	1/8	1,001.37	1/8	1,132.38	1/8	1,263.57
1/4	94.72	1/4	224.64	1/4	355.30	1/4	482.93	1/4	611.92	1/4	743.07	1/4	873.80	1/4	1,004.10	1/4	1,135.12	1/4	1,266.30
3/8	97.32	3/8	227.36	3/8	358.03	3/8	485.53	3/8	614.66	3/8	745.80	3/8	876.52	3/8	1,006.82	3/8	1,137.85	3/8	1,269.04
1/2	99.92	1/2	230.08	1/2	360.75	1/2	488.12	1/2	617.39	1/2	748.53	1/2	879.23	1/2	1,009.54	1/2	1,140.58	1/2	1,271.77
5/8	102.52	5/8	232.81	5/8	363.47	5/8	490.72	5/8	620.12	5/8	751.27	5/8	881.94	5/8	1,012.26	5/8	1,143.32	5/8	1,274.50
3/4	105.13	3/4	235.53	3/4	366.19	3/4	493.32	3/4	622.85	3/4	754.00	3/4	884.65	3/4	1,014.99	3/4	1,146.05	3/4	1,277.23
7/8	107.73	7/8	238.26	7/8	368.92	7/8	495.91	7/8	625.59	7/8	756.73	7/8	887.37	7/8	1,017.71	7/8	1,148.79	7/8	1,279.97
5	110.33	11	240.98	5	371.64	11	498.51	5	628.32	11	759.46	5	890.08	11	1,020.43	5	1,151.52	11	1,282.70
1/8	113.03	1/8	243.70	1/8	374.36	1/8	501.11	1/8	631.05	1/8	762.19	1/8	892.79	1/8	1,023.15	1/8	1,154.25	1/8	1,285.43
1/4	115.72	1/4	246.42	1/4	377.08	1/4	503.70	1/4	633.78	1/4	764.92	1/4	895.50	1/4	1,025.88	1/4	1,156.98	1/4	1,288.17
3/8	118.42	3/8	249.15	3/8	379.80	3/8	506.30	3/8	636.52	3/8	767.66	3/8	898.22	3/8	1,028.60	3/8	1,159.72	3/8	1,290.90
1/2	121.11	1/2	251.87	1/2	382.52	1/2	508.89	1/2	639.25	1/2	770.39	1/2	900.93	1/2	1,031.32	1/2	1,162.45	1/2	1,293.63
5/8	123.81	5/8	254.59	5/8	385.25	5/8	511.49	5/8	641.98	5/8	773.12	5/8	903.64	5/8	1,034.04	5/8	1,165.18	5/8	1,296.37
3/4	126.51	3/4	257.31	3/4	387.97	3/4	514.08	3/4	644.71	3/4	775.85	3/4	906.35	3/4	1,036.77	3/4	1,167.91	3/4	1,299.10
7/8	129.20	7/8	260.04	7/8	390.69	7/8	516.68	7/8	647.45	7/8	778.59	7/8	909.07	7/8	1,039.49	7/8	1,170.65	7/8	1,301.84

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" DIAMETER STANDPIPE

GAUGE POINT: (MANUAL) LOCATED 09'-09" OFF CENTERLINE AND 33'-00" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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BARGE "KIRBY 28751"

2 STBD INNAGE TABLE

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

FORMERLY "HMS 302"

GAUGE HEIGHT 17'-04"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	1,304.57	6	1,435.76	0	1,566.95	6	1,698.14	0	1,829.32	6	1,960.51	0	2,091.70	6	2,222.89	0	2,354.08	6	2,485.27
1/8	1,307.30	1/8	1,438.49	1/8	1,569.68	1/8	1,700.87	1/8	1,832.05	1/8	1,963.24	1/8	2,094.43	1/8	2,225.62	1/8	2,356.81	1/8	2,488.00
1/4	1,310.04	1/4	1,441.22	1/4	1,572.42	1/4	1,703.60	1/4	1,834.79	1/4	1,965.98	1/4	2,097.17	1/4	2,228.36	1/4	2,359.54	1/4	2,490.74
3/8	1,312.77	3/8	1,443.96	3/8	1,575.15	3/8	1,706.34	3/8	1,837.52	3/8	1,968.71	3/8	2,099.90	3/8	2,231.09	3/8	2,362.28	3/8	2,493.47
1/2	1,315.50	1/2	1,446.69	1/2	1,577.88	1/2	1,709.07	1/2	1,840.25	1/2	1,971.44	1/2	2,102.63	1/2	2,233.82	1/2	2,365.01	1/2	2,496.20
5/8	1,318.23	5/8	1,449.42	5/8	1,580.61	5/8	1,711.80	5/8	1,842.99	5/8	1,974.18	5/8	2,105.37	5/8	2,236.56	5/8	2,367.74	5/8	2,498.93
3/4	1,320.97	3/4	1,452.15	3/4	1,583.35	3/4	1,714.53	3/4	1,845.72	3/4	1,976.91	3/4	2,108.10	3/4	2,239.29	3/4	2,370.47	3/4	2,501.67
7/8	1,323.70	7/8	1,454.89	7/8	1,586.08	7/8	1,717.27	7/8	1,848.46	7/8	1,979.65	7/8	2,110.84	7/8	2,242.03	7/8	2,373.21	7/8	2,504.40
1	1,326.43	7	1,457.62	1	1,588.81	7	1,720.00	1	1,851.19	7	1,982.38	1	2,113.57	7	2,244.76	1	2,375.94	7	2,507.13
1/8	1,329.16	1/8	1,460.35	1/8	1,591.54	1/8	1,722.73	1/8	1,853.92	1/8	1,985.11	1/8	2,116.30	1/8	2,247.49	1/8	2,378.67	1/8	2,509.86
1/4	1,331.90	1/4	1,463.09	1/4	1,594.28	1/4	1,725.47	1/4	1,856.66	1/4	1,987.84	1/4	2,119.04	1/4	2,250.22	1/4	2,381.41	1/4	2,512.60
3/8	1,334.63	3/8	1,465.82	3/8	1,597.01	3/8	1,728.20	3/8	1,859.39	3/8	1,990.58	3/8	2,121.77	3/8	2,252.96	3/8	2,384.14	3/8	2,515.33
1/2	1,337.36	1/2	1,468.55	1/2	1,599.74	1/2	1,730.93	1/2	1,862.12	1/2	1,993.31	1/2	2,124.50	1/2	2,255.69	1/2	2,386.87	1/2	2,518.06
5/8	1,340.10	5/8	1,471.29	5/8	1,602.48	5/8	1,733.67	5/8	1,864.85	5/8	1,996.04	5/8	2,127.23	5/8	2,258.42	5/8	2,389.61	5/8	2,520.80
3/4	1,342.83	3/4	1,474.02	3/4	1,605.21	3/4	1,736.40	3/4	1,867.59	3/4	1,998.77	3/4	2,129.97	3/4	2,261.15	3/4	2,392.34	3/4	2,523.53
7/8	1,345.57	7/8	1,476.76	7/8	1,607.95	7/8	1,739.14	7/8	1,870.32	7/8	2,001.51	7/8	2,132.70	7/8	2,263.89	7/8	2,395.08	7/8	2,526.27
2	1,348.30	8	1,479.49	2	1,610.68	8	1,741.87	2	1,873.05	8	2,004.24	2	2,135.43	8	2,266.62	2	2,397.81	8	2,529.00
1/8	1,351.03	1/8	1,482.22	1/8	1,613.41	1/8	1,744.60	1/8	1,875.78	1/8	2,006.97	1/8	2,138.16	1/8	2,269.35	1/8	2,400.54	1/8	2,531.73
1/4	1,353.76	1/4	1,484.96	1/4	1,616.14	1/4	1,747.34	1/4	1,878.52	1/4	2,009.71	1/4	2,140.90	1/4	2,272.09	1/4	2,403.28	1/4	2,534.46
3/8	1,356.50	3/8	1,487.69	3/8	1,618.88	3/8	1,750.07	3/8	1,881.25	3/8	2,012.44	3/8	2,143.63	3/8	2,274.82	3/8	2,406.01	3/8	2,537.20
1/2	1,359.23	1/2	1,490.42	1/2	1,621.61	1/2	1,752.80	1/2	1,883.98	1/2	2,015.17	1/2	2,146.36	1/2	2,277.55	1/2	2,408.74	1/2	2,539.93
5/8	1,361.96	5/8	1,493.15	5/8	1,624.34	5/8	1,755.53	5/8	1,886.72	5/8	2,017.91	5/8	2,149.10	5/8	2,280.29	5/8	2,411.47	5/8	2,542.66
3/4	1,364.69	3/4	1,495.89	3/4	1,627.07	3/4	1,758.27	3/4	1,889.45	3/4	2,020.64	3/4	2,151.83	3/4	2,283.02	3/4	2,414.21	3/4	2,545.39
7/8	1,367.43	7/8	1,498.62	7/8	1,629.81	7/8	1,761.00	7/8	1,892.19	7/8	2,023.38	7/8	2,154.57	7/8	2,285.76	7/8	2,416.94	7/8	2,548.13
3	1,370.16	9	1,501.35	3	1,632.54	9	1,763.73	3	1,894.92	9	2,026.11	3	2,157.30	9	2,288.49	3	2,419.67	9	2,550.86
1/8	1,372.89	1/8	1,504.08	1/8	1,635.27	1/8	1,766.46	1/8	1,897.65	1/8	2,028.84	1/8	2,160.03	1/8	2,291.22	1/8	2,422.40	1/8	2,553.59
1/4	1,375.63	1/4	1,506.82	1/4	1,638.01	1/4	1,769.20	1/4	1,900.38	1/4	2,031.58	1/4	2,162.76	1/4	2,293.96	1/4	2,425.14	1/4	2,556.33
3/8	1,378.36	3/8	1,509.55	3/8	1,640.74	3/8	1,771.93	3/8	1,903.12	3/8	2,034.31	3/8	2,165.50	3/8	2,296.69	3/8	2,427.87	3/8	2,559.06
1/2	1,381.09	1/2	1,512.28	1/2	1,643.47	1/2	1,774.66	1/2	1,905.85	1/2	2,037.04	1/2	2,168.23	1/2	2,299.42	1/2	2,430.60	1/2	2,561.79
5/8	1,383.83	5/8	1,515.02	5/8	1,646.21	5/8	1,777.40	5/8	1,908.58	5/8	2,039.77	5/8	2,170.96	5/8	2,302.15	5/8	2,433.34	5/8	2,564.53
3/4	1,386.56	3/4	1,517.75	3/4	1,648.94	3/4	1,780.13	3/4	1,911.31	3/4	2,042.51	3/4	2,173.69	3/4	2,304.89	3/4	2,436.07	3/4	2,567.26
7/8	1,389.30	7/8	1,520.49	7/8	1,651.68	7/8	1,782.87	7/8	1,914.05	7/8	2,045.24	7/8	2,176.43	7/8	2,307.62	7/8	2,438.81	7/8	2,570.00
4	1,392.03	10	1,523.22	4	1,654.41	10	1,785.60	4	1,916.78	10	2,047.97	4	2,179.16	10	2,310.35	4	2,441.54	10	2,572.73
1/8	1,394.76	1/8	1,525.95	1/8	1,657.14	1/8	1,788.33	1/8	1,919.51	1/8	2,050.70	1/8	2,181.89	1/8	2,313.08	1/8	2,444.27	1/8	2,575.46
1/4	1,397.50	1/4	1,528.68	1/4	1,659.88	1/4	1,791.06	1/4	1,922.25	1/4	2,053.44	1/4	2,184.63	1/4	2,315.82	1/4	2,447.00	1/4	2,578.20
3/8	1,400.23	3/8	1,531.42	3/8	1,662.61	3/8	1,793.80	3/8	1,924.98	3/8	2,056.17	3/8	2,187.36	3/8	2,318.55	3/8	2,449.74	3/8	2,580.93
1/2	1,402.96	1/2	1,534.15	1/2	1,665.34	1/2	1,796.53	1/2	1,927.71	1/2	2,058.90	1/2	2,190.09	1/2	2,321.28	1/2	2,452.47	1/2	2,583.66
5/8	1,405.69	5/8	1,536.88	5/8	1,668.07	5/8	1,799.26	5/8	1,930.45	5/8	2,061.64	5/8	2,192.83	5/8	2,324.02	5/8	2,455.20	5/8	2,586.39
3/4	1,408.43	3/4	1,539.61	3/4	1,670.81	3/4	1,801.99	3/4	1,933.18	3/4	2,064.37	3/4	2,195.56	3/4	2,326.75	3/4	2,457.93	3/4	2,589.13
7/8	1,411.16	7/8	1,542.35	7/8	1,673.54	7/8	1,804.73	7/8	1,935.92	7/8	2,067.11	7/8	2,198.30	7/8	2,329.49	7/8	2,460.67	7/8	2,591.86
5	1,413.89	11	1,545.08	5	1,676.27	11	1,807.46	5	1,938.65	11	2,069.84	5	2,201.03	11	2,332.22	5	2,463.40	11	2,594.59
1/8	1,416.62	1/8	1,547.81	1/8	1,679.00	1/8	1,810.19	1/8	1,941.38	1/8	2,072.57	1/8	2,203.76	1/8	2,334.95	1/8	2,466.13	1/8	2,597.32
1/4	1,419.36	1/4	1,550.55	1/4	1,681.74	1/4	1,812.92	1/4	1,944.12	1/4	2,075.30	1/4	2,206.50	1/4	2,337.68	1/4	2,468.87	1/4	2,600.06
3/8	1,422.09	3/8	1,553.28	3/8	1,684.47	3/8	1,815.66	3/8	1,946.85	3/8	2,078.04	3/8	2,209.23	3/8	2,340.42	3/8	2,471.60	3/8	2,602.79
1/2	1,424.82	1/2	1,556.01	1/2	1,687.20	1/2	1,818.39	1/2	1,949.58	1/2	2,080.77	1/2	2,211.96	1/2	2,343.15	1/2	2,474.33	1/2	2,605.52
5/8	1,427.56	5/8	1,558.75	5/8	1,689.94	5/8	1,821.12	5/8	1,952.31	5/8	2,083.50	5/8	2,214.69	5/8	2,345.88	5/8	2,477.07	5/8	2,608.26
3/4	1,430.29	3/4	1,561.48	3/4	1,692.67	3/4	1,823.85	3/4	1,955.05	3/4	2,086.23	3/4	2,217.43	3/4	2,348.61	3/4	2,479.80	3/4	2,610.99
7/8	1,433.03	7/8	1,564.22	7/8	1,695.41	7/8	1,826.59	7/8	1,957.78	7/8	2,088.97	7/8	2,220.16	7/8	2,351.35	7/8	2,482.54	7/8	2,613.73

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BARGE "KIRBY 28751"

2 STBD INNAGE TABLE

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

FORMERLY "HMS 302"

GAUGE HEIGHT 17'-04"

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	2,616.46	6	2,747.65	0	2,878.84	6	3,010.02	0	3,141.21	6	3,268.95	0	3,395.79	6	3,522.63	0	3,649.46	6	3,729.85
1/8	2,619.19	1/8	2,750.38	1/8	2,881.57	1/8	3,012.75	1/8	3,143.94	1/8	3,271.59	1/8	3,398.43	1/8	3,525.27	1/8	3,652.15	1/8	3,730.11
1/4	2,621.92	1/4	2,753.12	1/4	2,884.30	1/4	3,015.49	1/4	3,146.68	1/4	3,274.24	1/4	3,401.08	1/4	3,527.91	1/4	3,654.85	1/4	3,730.36
3/8	2,624.66	3/8	2,755.85	3/8	2,887.04	3/8	3,018.22	3/8	3,149.41	3/8	3,276.88	3/8	3,403.72	3/8	3,530.55	3/8	3,657.54	3/8	
1/2	2,627.39	1/2	2,758.58	1/2	2,889.77	1/2	3,020.95	1/2	3,152.14	1/2	3,279.52	1/2	3,406.36	1/2	3,533.19	1/2	3,660.24	1/2	
5/8	2,630.12	5/8	2,761.31	5/8	2,892.50	5/8	3,023.69	5/8	3,154.88	5/8	3,282.16	5/8	3,409.00	5/8	3,535.84	5/8	3,662.93	5/8	
3/4	2,632.85	3/4	2,764.05	3/4	2,895.23	3/4	3,026.42	3/4	3,157.61	3/4	3,284.81	3/4	3,411.65	3/4	3,538.48	3/4	3,665.63	3/4	
7/8	2,635.59	7/8	2,766.78	7/8	2,897.97	7/8	3,029.16	7/8	3,160.35	7/8	3,287.45	7/8	3,414.29	7/8	3,541.12	7/8	3,668.32	7/8	
1	2,638.32	7	2,769.51	1	2,900.70	7	3,031.89	1	3,163.08	7	3,290.09	1	3,416.93	7	3,543.76	1	3,671.02	7	
1/8	2,641.05	1/8	2,772.24	1/8	2,903.43	1/8	3,034.62	1/8	3,165.74	1/8	3,292.73	1/8	3,419.57	1/8	3,546.40	1/8	3,673.53	1/8	
1/4	2,643.79	1/4	2,774.98	1/4	2,906.16	1/4	3,037.36	1/4	3,168.41	1/4	3,295.38	1/4	3,422.22	1/4	3,549.04	1/4	3,676.04	1/4	
3/8	2,646.52	3/8	2,777.71	3/8	2,908.90	3/8	3,040.09	3/8	3,171.07	3/8	3,298.02	3/8	3,424.86	3/8	3,551.69	3/8	3,678.55	3/8	
1/2	2,649.25	1/2	2,780.44	1/2	2,911.63	1/2	3,042.82	1/2	3,173.74	1/2	3,300.66	1/2	3,427.50	1/2	3,554.33	1/2	3,681.06	1/2	
5/8	2,651.99	5/8	2,783.18	5/8	2,914.36	5/8	3,045.55	5/8	3,176.40	5/8	3,303.30	5/8	3,430.14	5/8	3,556.97	5/8	3,683.57	5/8	
3/4	2,654.72	3/4	2,785.91	3/4	2,917.09	3/4	3,048.29	3/4	3,179.07	3/4	3,305.95	3/4	3,432.79	3/4	3,559.61	3/4	3,686.08	3/4	
7/8	2,657.46	7/8	2,788.65	7/8	2,919.83	7/8	3,051.02	7/8	3,181.73	7/8	3,308.59	7/8	3,435.43	7/8	3,562.26	7/8	3,688.59	7/8	
2	2,660.19	8	2,791.38	2	2,922.56	8	3,053.75	2	3,184.40	8	3,311.23	2	3,438.07	8	3,564.90	2	3,691.10	8	
1/8	2,662.92	1/8	2,794.11	1/8	2,925.29	1/8	3,056.48	1/8	3,187.04	1/8	3,313.87	1/8	3,440.71	1/8	3,567.54	1/8	3,693.13	1/8	
1/4	2,665.66	1/4	2,796.84	1/4	2,928.03	1/4	3,059.22	1/4	3,189.68	1/4	3,316.52	1/4	3,443.36	1/4	3,570.18	1/4	3,695.16	1/4	
3/8	2,668.39	3/8	2,799.58	3/8	2,930.76	3/8	3,061.95	3/8	3,192.33	3/8	3,319.16	3/8	3,446.00	3/8	3,572.83	3/8	3,697.20	3/8	
1/2	2,671.12	1/2	2,802.31	1/2	2,933.49	1/2	3,064.68	1/2	3,194.97	1/2	3,321.80	1/2	3,448.64	1/2	3,575.47	1/2	3,699.23	1/2	
5/8	2,673.85	5/8	2,805.04	5/8	2,936.23	5/8	3,067.42	5/8	3,197.61	5/8	3,324.44	5/8	3,451.28	5/8	3,578.11	5/8	3,701.26	5/8	
3/4	2,676.59	3/4	2,807.77	3/4	2,938.96	3/4	3,070.15	3/4	3,200.25	3/4	3,327.09	3/4	3,453.93	3/4	3,580.75	3/4	3,703.29	3/4	
7/8	2,679.32	7/8	2,810.51	7/8	2,941.70	7/8	3,072.89	7/8	3,202.90	7/8	3,329.73	7/8	3,456.57	7/8	3,583.40	7/8	3,705.33	7/8	
3	2,682.05	9	2,813.24	3	2,944.43	9	3,075.62	3	3,205.54	9	3,332.37	3	3,459.21	9	3,586.04	3	3,707.36	9	
1/8	2,684.78	1/8	2,815.97	1/8	2,947.16	1/8	3,078.35	1/8	3,208.18	1/8	3,335.01	1/8	3,461.85	1/8	3,588.68	1/8	3,708.84	1/8	
1/4	2,687.52	1/4	2,818.71	1/4	2,949.90	1/4	3,081.08	1/4	3,210.82	1/4	3,337.66	1/4	3,464.50	1/4	3,591.32	1/4	3,710.33	1/4	
3/8	2,690.25	3/8	2,821.44	3/8	2,952.63	3/8	3,083.82	3/8	3,213.47	3/8	3,340.30	3/8	3,467.14	3/8	3,593.97	3/8	3,711.81	3/8	
1/2	2,692.98	1/2	2,824.17	1/2	2,955.36	1/2	3,086.55	1/2	3,216.11	1/2	3,342.94	1/2	3,469.78	1/2	3,596.61	1/2	3,713.30	1/2	
5/8	2,695.72	5/8	2,826.91	5/8	2,958.09	5/8	3,089.28	5/8	3,218.75	5/8	3,345.58	5/8	3,472.42	5/8	3,599.25	5/8	3,714.78	5/8	
3/4	2,698.45	3/4	2,829.64	3/4	2,960.83	3/4	3,092.01	3/4	3,221.39	3/4	3,348.23	3/4	3,475.07	3/4	3,601.89	3/4	3,716.27	3/4	
7/8	2,701.19	7/8	2,832.38	7/8	2,963.56	7/8	3,094.75	7/8	3,224.04	7/8	3,350.87	7/8	3,477.71	7/8	3,604.54	7/8	3,717.75	7/8	
4	2,703.92	10	2,835.11	4	2,966.29	10	3,097.48	4	3,226.68	10	3,353.51	4	3,480.35	10	3,607.18	4	3,719.24	10	
1/8	2,706.65	1/8	2,837.84	1/8	2,969.02	1/8	3,100.21	1/8	3,229.32	1/8	3,356.15	1/8	3,482.99	1/8	3,609.82	1/8	3,720.18	1/8	
1/4	2,709.38	1/4	2,840.58	1/4	2,971.76	1/4	3,102.95	1/4	3,231.96	1/4	3,358.80	1/4	3,485.64	1/4	3,612.46	1/4	3,721.11	1/4	
3/8	2,712.12	3/8	2,843.31	3/8	2,974.49	3/8	3,105.68	3/8	3,234.61	3/8	3,361.44	3/8	3,488.28	3/8	3,615.11	3/8	3,722.05	3/8	
1/2	2,714.85	1/2	2,846.04	1/2	2,977.22	1/2	3,108.41	1/2	3,237.25	1/2	3,364.08	1/2	3,490.92	1/2	3,617.75	1/2	3,722.99	1/2	
5/8	2,717.58	5/8	2,848.77	5/8	2,979.96	5/8	3,111.15	5/8	3,239.89	5/8	3,366.72	5/8	3,493.56	5/8	3,620.39	5/8	3,723.93	5/8	
3/4	2,720.31	3/4	2,851.51	3/4	2,982.69	3/4	3,113.88	3/4	3,242.53	3/4	3,369.37	3/4	3,496.21	3/4	3,623.03	3/4	3,724.86	3/4	
7/8	2,723.05	7/8	2,854.24	7/8	2,985.43	7/8	3,116.62	7/8	3,245.18	7/8	3,372.01	7/8	3,498.85	7/8	3,625.68	7/8	3,725.80	7/8	
5	2,725.78	11	2,856.97	5	2,988.16	11	3,119.35	5	3,247.82	11	3,374.65	5	3,501.49	11	3,628.32	5	3,726.74	11	
1/8	2,728.51	1/8	2,859.70	1/8	2,990.89	1/8	3,122.08	1/8	3,250.46	1/8	3,377.29	1/8	3,504.13	1/8	3,630.96	1/8	3,727.13	1/8	
1/4	2,731.25	1/4	2,862.44	1/4	2,993.62	1/4	3,124.82	1/4	3,253.10	1/4	3,379.94	1/4	3,506.78	1/4	3,633.60	1/4	3,727.52	1/4	
3/8	2,733.98	3/8	2,865.17	3/8	2,996.36	3/8	3,127.55	3/8	3,255.74	3/8	3,382.58	3/8	3,509.42	3/8	3,636.25	3/8	3,727.91	3/8	
1/2	2,736.71	1/2	2,867.90	1/2	2,999.09	1/2	3,130.28	1/2	3,258.38	1/2	3,385.22	1/2	3,512.06	1/2	3,638.89	1/2	3,728.29	1/2	
5/8	2,739.45	5/8	2,870.64	5/8	3,001.82	5/8	3,133.01	5/8	3,261.03	5/8	3,387.86	5/8	3,514.70	5/8	3,641.53	5/8	3,728.68	5/8	
3/4	2,742.18	3/4	2,873.37	3/4	3,004.55	3/4	3,135.75	3/4	3,263.67	3/4	3,390.51	3/4	3,517.35	3/4	3,644.17	3/4	3,729.07	3/4	
7/8	2,744.92	7/8	2,876.11	7/8	3,007.29	7/8	3,138.48	7/8	3,266.31	7/8	3,393.15	7/8	3,519.99	7/8	3,646.82	7/8	3,729.46	7/8	

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BARGE "KIRBY 28751"

3 PORT INNAGE TABLE

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

FORMERLY "HMS 302"

GAUGE HEIGHT 17'-04"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	12.38	6	132.01	0	262.98	6	393.75	0	519.72	6	650.74	0	781.98	6	912.56	0	1,043.10	6	1,174.38
1/8	14.33	1/8	134.74	1/8	265.71	1/8	396.47	1/8	522.42	1/8	653.47	1/8	784.71	1/8	915.28	1/8	1,045.83	1/8	1,177.12
1/4	16.29	1/4	137.47	1/4	268.43	1/4	399.20	1/4	525.12	1/4	656.21	1/4	787.43	1/4	917.99	1/4	1,048.57	1/4	1,179.85
3/8	18.24	3/8	140.20	3/8	271.16	3/8	401.92	3/8	527.82	3/8	658.94	3/8	790.16	3/8	920.71	3/8	1,051.30	3/8	1,182.59
1/2	20.19	1/2	142.93	1/2	273.88	1/2	404.64	1/2	530.52	1/2	661.67	1/2	792.89	1/2	923.42	1/2	1,054.03	1/2	1,185.32
5/8	22.14	5/8	145.66	5/8	276.61	5/8	407.37	5/8	533.23	5/8	664.41	5/8	795.62	5/8	926.14	5/8	1,056.76	5/8	1,188.06
3/4	24.10	3/4	148.39	3/4	279.33	3/4	410.09	3/4	535.93	3/4	667.14	3/4	798.34	3/4	928.85	3/4	1,059.50	3/4	1,190.79
7/8	26.05	7/8	151.12	7/8	282.06	7/8	412.82	7/8	538.63	7/8	669.88	7/8	801.07	7/8	931.57	7/8	1,062.23	7/8	1,193.53
1	28.00	7	153.85	1	284.78	7	415.54	1	541.33	7	672.61	1	803.80	7	934.28	1	1,064.96	7	1,196.26
1/8	30.49	1/8	156.58	1/8	287.50	1/8	418.17	1/8	544.06	1/8	675.34	1/8	806.52	1/8	937.00	1/8	1,067.70	1/8	1,199.00
1/4	32.98	1/4	159.31	1/4	290.23	1/4	420.80	1/4	546.80	1/4	678.08	1/4	809.25	1/4	939.71	1/4	1,070.43	1/4	1,201.73
3/8	35.47	3/8	162.04	3/8	292.95	3/8	423.43	3/8	549.53	3/8	680.81	3/8	811.97	3/8	942.43	3/8	1,073.17	3/8	1,204.47
1/2	37.96	1/2	164.77	1/2	295.67	1/2	426.06	1/2	552.27	1/2	683.55	1/2	814.69	1/2	945.14	1/2	1,075.90	1/2	1,207.20
5/8	40.45	5/8	167.51	5/8	298.40	5/8	428.69	5/8	555.00	5/8	686.28	5/8	817.42	5/8	947.86	5/8	1,078.64	5/8	1,209.94
3/4	42.94	3/4	170.24	3/4	301.12	3/4	431.32	3/4	557.74	3/4	689.02	3/4	820.14	3/4	950.57	3/4	1,081.38	3/4	1,212.67
7/8	45.43	7/8	172.97	7/8	303.85	7/8	433.95	7/8	560.47	7/8	691.75	7/8	822.87	7/8	953.29	7/8	1,084.11	7/8	1,215.41
2	47.92	8	175.70	2	306.57	8	436.58	2	563.21	8	694.49	2	825.59	8	956.00	2	1,086.85	8	1,218.14
1/8	50.53	1/8	178.43	1/8	309.29	1/8	439.18	1/8	565.94	1/8	697.22	1/8	828.31	1/8	958.72	1/8	1,089.58	1/8	1,220.88
1/4	53.13	1/4	181.16	1/4	312.02	1/4	441.78	1/4	568.68	1/4	699.96	1/4	831.04	1/4	961.43	1/4	1,092.32	1/4	1,223.61
3/8	55.74	3/8	183.89	3/8	314.74	3/8	444.38	3/8	571.41	3/8	702.69	3/8	833.76	3/8	964.15	3/8	1,095.05	3/8	1,226.35
1/2	58.34	1/2	186.62	1/2	317.47	1/2	446.97	1/2	574.15	1/2	705.42	1/2	836.48	1/2	966.86	1/2	1,097.79	1/2	1,229.08
5/8	60.95	5/8	189.35	5/8	320.19	5/8	449.57	5/8	576.88	5/8	708.16	5/8	839.21	5/8	969.58	5/8	1,100.52	5/8	1,231.82
3/4	63.55	3/4	192.08	3/4	322.92	3/4	452.17	3/4	579.62	3/4	710.89	3/4	841.93	3/4	972.29	3/4	1,103.26	3/4	1,234.56
7/8	66.16	7/8	194.81	7/8	325.64	7/8	454.77	7/8	582.35	7/8	713.63	7/8	844.66	7/8	975.01	7/8	1,105.99	7/8	1,237.29
3	68.76	9	197.54	3	328.37	9	457.37	3	585.09	9	716.36	3	847.38	9	977.72	3	1,108.73	9	1,240.03
1/8	71.36	1/8	200.27	1/8	331.09	1/8	459.97	1/8	587.83	1/8	719.10	1/8	850.10	1/8	980.44	1/8	1,111.46	1/8	1,242.76
1/4	73.97	1/4	203.00	1/4	333.82	1/4	462.56	1/4	590.56	1/4	721.83	1/4	852.81	1/4	983.17	1/4	1,114.20	1/4	1,245.50
3/8	76.57	3/8	205.73	3/8	336.54	3/8	465.16	3/8	593.30	3/8	724.57	3/8	855.53	3/8	985.89	3/8	1,116.93	3/8	1,248.23
1/2	79.17	1/2	208.46	1/2	339.26	1/2	467.76	1/2	596.03	1/2	727.30	1/2	858.25	1/2	988.61	1/2	1,119.67	1/2	1,250.97
5/8	81.78	5/8	211.19	5/8	341.99	5/8	470.36	5/8	598.77	5/8	730.04	5/8	860.97	5/8	991.33	5/8	1,122.40	5/8	1,253.70
3/4	84.38	3/4	213.92	3/4	344.71	3/4	472.95	3/4	601.51	3/4	732.77	3/4	863.68	3/4	994.06	3/4	1,125.14	3/4	1,256.44
7/8	86.99	7/8	216.65	7/8	347.44	7/8	475.55	7/8	604.24	7/8	735.51	7/8	866.40	7/8	996.78	7/8	1,127.87	7/8	1,259.17
4	89.59	10	219.38	4	350.16	10	478.15	4	606.98	10	738.24	4	869.12	10	999.50	4	1,130.61	10	1,261.91
1/8	92.19	1/8	222.11	1/8	352.88	1/8	480.75	1/8	609.72	1/8	740.97	1/8	871.84	1/8	1,002.22	1/8	1,133.34	1/8	1,264.64
1/4	94.80	1/4	224.83	1/4	355.61	1/4	483.34	1/4	612.45	1/4	743.71	1/4	874.55	1/4	1,004.95	1/4	1,136.08	1/4	1,267.38
3/8	97.40	3/8	227.56	3/8	358.33	3/8	485.94	3/8	615.19	3/8	746.44	3/8	877.27	3/8	1,007.67	3/8	1,138.81	3/8	1,270.11
1/2	100.00	1/2	230.28	1/2	361.06	1/2	488.54	1/2	617.92	1/2	749.17	1/2	879.98	1/2	1,010.39	1/2	1,141.55	1/2	1,272.85
5/8	102.61	5/8	233.01	5/8	363.78	5/8	491.14	5/8	620.66	5/8	751.91	5/8	882.70	5/8	1,013.12	5/8	1,144.28	5/8	1,275.58
3/4	105.21	3/4	235.74	3/4	366.50	3/4	493.73	3/4	623.39	3/4	754.64	3/4	885.41	3/4	1,015.84	3/4	1,147.02	3/4	1,278.32
7/8	107.82	7/8	238.46	7/8	369.23	7/8	496.33	7/8	626.13	7/8	757.38	7/8	888.13	7/8	1,018.57	7/8	1,149.75	7/8	1,281.05
5	110.42	11	241.19	5	371.95	11	498.93	5	628.86	11	760.11	5	890.84	11	1,021.29	5	1,152.49	11	1,283.79
1/8	113.12	1/8	243.91	1/8	374.68	1/8	501.53	1/8	631.60	1/8	762.84	1/8	893.56	1/8	1,024.02	1/8	1,155.23	1/8	1,286.53
1/4	115.82	1/4	246.64	1/4	377.40	1/4	504.13	1/4	634.33	1/4	765.58	1/4	896.27	1/4	1,026.74	1/4	1,157.96	1/4	1,289.26
3/8	118.52	3/8	249.36	3/8	380.13	3/8	506.73	3/8	637.07	3/8	768.31	3/8	898.99	3/8	1,029.47	3/8	1,160.70	3/8	1,292.00
1/2	121.21	1/2	252.08	1/2	382.85	1/2	509.32	1/2	639.80	1/2	771.04	1/2	901.70	1/2	1,032.19	1/2	1,163.43	1/2	1,294.73
5/8	123.91	5/8	254.81	5/8	385.57	5/8	511.92	5/8	642.54	5/8	773.78	5/8	904.42	5/8	1,034.92	5/8	1,166.17	5/8	1,297.47
3/4	126.61	3/4	257.53	3/4	388.30	3/4	514.52	3/4	645.27	3/4	776.51	3/4	907.13	3/4	1,037.65	3/4	1,168.91	3/4	1,300.21
7/8	129.31	7/8	260.26	7/8	391.02	7/8	517.12	7/8	648.01	7/8	779.25	7/8	909.85	7/8	1,040.37	7/8	1,171.64	7/8	1,302.94

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" DIAMETER STANDPIPE

GAUGE POINT: (MANUAL) LOCATED 09'-09" OFF CENTERLINE AND 33'-00" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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BARGE "KIRBY 28751"

3 PORT INNAGE TABLE

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

FORMERLY "HMS 302"

GAUGE HEIGHT 17'-04"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	1,305.68	6	1,436.98	0	1,568.28	6	1,699.57	0	1,830.87	6	1,962.17	0	2,093.47	6	2,224.77	0	2,356.07	6	2,487.37
1/8	1,308.42	1/8	1,439.72	1/8	1,571.01	1/8	1,702.31	1/8	1,833.61	1/8	1,964.91	1/8	2,096.21	1/8	2,227.50	1/8	2,358.80	1/8	2,490.10
1/4	1,311.15	1/4	1,442.45	1/4	1,573.75	1/4	1,705.04	1/4	1,836.34	1/4	1,967.64	1/4	2,098.94	1/4	2,230.24	1/4	2,361.54	1/4	2,492.84
3/8	1,313.89	3/8	1,445.19	3/8	1,576.48	3/8	1,707.78	3/8	1,839.08	3/8	1,970.38	3/8	2,101.68	3/8	2,232.97	3/8	2,364.27	3/8	2,495.57
1/2	1,316.62	1/2	1,447.92	1/2	1,579.22	1/2	1,710.51	1/2	1,841.81	1/2	1,973.11	1/2	2,104.41	1/2	2,235.71	1/2	2,367.01	1/2	2,498.31
5/8	1,319.36	5/8	1,450.66	5/8	1,581.95	5/8	1,713.25	5/8	1,844.55	5/8	1,975.85	5/8	2,107.15	5/8	2,238.44	5/8	2,369.74	5/8	2,501.04
3/4	1,322.09	3/4	1,453.39	3/4	1,584.69	3/4	1,715.99	3/4	1,847.29	3/4	1,978.59	3/4	2,109.89	3/4	2,241.18	3/4	2,372.48	3/4	2,503.78
7/8	1,324.83	7/8	1,456.13	7/8	1,587.42	7/8	1,718.72	7/8	1,850.02	7/8	1,981.32	7/8	2,112.62	7/8	2,243.91	7/8	2,375.21	7/8	2,506.51
1	1,327.56	7	1,458.86	1	1,590.16	7	1,721.46	1	1,852.76	7	1,984.06	1	2,115.36	7	2,246.65	1	2,377.95	7	2,509.25
1/8	1,330.30	1/8	1,461.60	1/8	1,592.89	1/8	1,724.19	1/8	1,855.49	1/8	1,986.79	1/8	2,118.09	1/8	2,249.39	1/8	2,380.69	1/8	2,511.99
1/4	1,333.03	1/4	1,464.33	1/4	1,595.63	1/4	1,726.93	1/4	1,858.23	1/4	1,989.53	1/4	2,120.83	1/4	2,252.12	1/4	2,383.42	1/4	2,514.72
3/8	1,335.77	3/8	1,467.06	3/8	1,598.36	3/8	1,729.66	3/8	1,860.96	3/8	1,992.26	3/8	2,123.56	3/8	2,254.86	3/8	2,386.16	3/8	2,517.46
1/2	1,338.50	1/2	1,469.80	1/2	1,601.10	1/2	1,732.40	1/2	1,863.70	1/2	1,995.00	1/2	2,126.30	1/2	2,257.59	1/2	2,388.89	1/2	2,520.19
5/8	1,341.24	5/8	1,472.53	5/8	1,603.83	5/8	1,735.13	5/8	1,866.43	5/8	1,997.73	5/8	2,129.03	5/8	2,260.33	5/8	2,391.63	5/8	2,522.93
3/4	1,343.97	3/4	1,475.27	3/4	1,606.57	3/4	1,737.87	3/4	1,869.17	3/4	2,000.47	3/4	2,131.77	3/4	2,263.07	3/4	2,394.37	3/4	2,525.67
7/8	1,346.71	7/8	1,478.00	7/8	1,609.30	7/8	1,740.60	7/8	1,871.90	7/8	2,003.20	7/8	2,134.50	7/8	2,265.80	7/8	2,397.10	7/8	2,528.40
2	1,349.44	8	1,480.74	2	1,612.04	8	1,743.34	2	1,874.64	8	2,005.94	2	2,137.24	8	2,268.54	2	2,399.84	8	2,531.14
1/8	1,352.18	1/8	1,483.48	1/8	1,614.78	1/8	1,746.07	1/8	1,877.37	1/8	2,008.67	1/8	2,139.97	1/8	2,271.27	1/8	2,402.57	1/8	2,533.88
1/4	1,354.91	1/4	1,486.21	1/4	1,617.51	1/4	1,748.81	1/4	1,880.11	1/4	2,011.41	1/4	2,142.71	1/4	2,274.01	1/4	2,405.31	1/4	2,536.61
3/8	1,357.65	3/8	1,488.95	3/8	1,620.25	3/8	1,751.54	3/8	1,882.84	3/8	2,014.14	3/8	2,145.44	3/8	2,276.74	3/8	2,408.04	3/8	2,539.35
1/2	1,360.38	1/2	1,491.68	1/2	1,622.98	1/2	1,754.28	1/2	1,885.58	1/2	2,016.88	1/2	2,148.18	1/2	2,279.48	1/2	2,410.78	1/2	2,542.08
5/8	1,363.12	5/8	1,494.42	5/8	1,625.72	5/8	1,757.01	5/8	1,888.31	5/8	2,019.61	5/8	2,150.91	5/8	2,282.21	5/8	2,413.51	5/8	2,544.82
3/4	1,365.86	3/4	1,497.16	3/4	1,628.46	3/4	1,759.75	3/4	1,891.05	3/4	2,022.35	3/4	2,153.65	3/4	2,284.95	3/4	2,416.25	3/4	2,547.55
7/8	1,368.59	7/8	1,499.89	7/8	1,631.19	7/8	1,762.48	7/8	1,893.78	7/8	2,025.08	7/8	2,156.38	7/8	2,287.68	7/8	2,418.98	7/8	2,550.29
3	1,371.33	9	1,502.63	3	1,633.93	9	1,765.22	3	1,896.52	9	2,027.82	3	2,159.12	9	2,290.42	3	2,421.72	9	2,553.02
1/8	1,374.06	1/8	1,505.36	1/8	1,636.66	1/8	1,767.96	1/8	1,899.26	1/8	2,030.56	1/8	2,161.86	1/8	2,293.15	1/8	2,424.45	1/8	2,555.76
1/4	1,376.80	1/4	1,508.10	1/4	1,639.40	1/4	1,770.69	1/4	1,901.99	1/4	2,033.29	1/4	2,164.59	1/4	2,295.89	1/4	2,427.19	1/4	2,558.49
3/8	1,379.53	3/8	1,510.83	3/8	1,642.13	3/8	1,773.43	3/8	1,904.73	3/8	2,036.03	3/8	2,167.33	3/8	2,298.62	3/8	2,429.92	3/8	2,561.23
1/2	1,382.27	1/2	1,513.57	1/2	1,644.87	1/2	1,776.16	1/2	1,907.46	1/2	2,038.76	1/2	2,170.06	1/2	2,301.36	1/2	2,432.66	1/2	2,563.96
5/8	1,385.00	5/8	1,516.30	5/8	1,647.60	5/8	1,778.90	5/8	1,910.20	5/8	2,041.50	5/8	2,172.80	5/8	2,304.09	5/8	2,435.39	5/8	2,566.70
3/4	1,387.74	3/4	1,519.04	3/4	1,650.34	3/4	1,781.64	3/4	1,912.94	3/4	2,044.24	3/4	2,175.54	3/4	2,306.83	3/4	2,438.13	3/4	2,569.43
7/8	1,390.47	7/8	1,521.77	7/8	1,653.07	7/8	1,784.37	7/8	1,915.67	7/8	2,046.97	7/8	2,178.27	7/8	2,309.56	7/8	2,440.86	7/8	2,572.17
4	1,393.21	10	1,524.51	4	1,655.81	10	1,787.11	4	1,918.41	10	2,049.71	4	2,181.01	10	2,312.30	4	2,443.60	10	2,574.90
1/8	1,395.94	1/8	1,527.24	1/8	1,658.54	1/8	1,789.84	1/8	1,921.14	1/8	2,052.44	1/8	2,183.74	1/8	2,315.04	1/8	2,446.34	1/8	2,577.64
1/4	1,398.68	1/4	1,529.98	1/4	1,661.28	1/4	1,792.58	1/4	1,923.88	1/4	2,055.18	1/4	2,186.48	1/4	2,317.77	1/4	2,449.07	1/4	2,580.37
3/8	1,401.41	3/8	1,532.71	3/8	1,664.01	3/8	1,795.31	3/8	1,926.61	3/8	2,057.91	3/8	2,189.21	3/8	2,320.51	3/8	2,451.81	3/8	2,583.11
1/2	1,404.15	1/2	1,535.45	1/2	1,666.75	1/2	1,798.05	1/2	1,929.35	1/2	2,060.65	1/2	2,191.95	1/2	2,323.24	1/2	2,454.54	1/2	2,585.84
5/8	1,406.88	5/8	1,538.18	5/8	1,669.48	5/8	1,800.78	5/8	1,932.08	5/8	2,063.38	5/8	2,194.68	5/8	2,325.98	5/8	2,457.28	5/8	2,588.58
3/4	1,409.62	3/4	1,540.92	3/4	1,672.22	3/4	1,803.52	3/4	1,934.82	3/4	2,066.12	3/4	2,197.42	3/4	2,328.72	3/4	2,460.02	3/4	2,591.32
7/8	1,412.35	7/8	1,543.65	7/8	1,674.95	7/8	1,806.25	7/8	1,937.55	7/8	2,068.85	7/8	2,200.15	7/8	2,331.45	7/8	2,462.75	7/8	2,594.05
5	1,415.09	11	1,546.39	5	1,677.69	11	1,808.99	5	1,940.29	11	2,071.59	5	2,202.89	11	2,334.19	5	2,465.49	11	2,596.79
1/8	1,417.83	1/8	1,549.13	1/8	1,680.42	1/8	1,811.72	1/8	1,943.02	1/8	2,074.32	1/8	2,205.62	1/8	2,336.92	1/8	2,468.22	1/8	2,599.52
1/4	1,420.56	1/4	1,551.86	1/4	1,683.16	1/4	1,814.46	1/4	1,945.76	1/4	2,077.06	1/4	2,208.36	1/4	2,339.66	1/4	2,470.96	1/4	2,602.26
3/8	1,423.30	3/8	1,554.60	3/8	1,685.89	3/8	1,817.19	3/8	1,948.49	3/8	2,079.79	3/8	2,211.09	3/8	2,342.39	3/8	2,473.69	3/8	2,604.99
1/2	1,426.03	1/2	1,557.33	1/2	1,688.63	1/2	1,819.93	1/2	1,951.23	1/2	2,082.53	1/2	2,213.83	1/2	2,345.13	1/2	2,476.43	1/2	2,607.73
5/8	1,428.77	5/8	1,560.07	5/8	1,691.36	5/8	1,822.66	5/8	1,953.96	5/8	2,085.26	5/8	2,216.56	5/8	2,347.86	5/8	2,479.16	5/8	2,610.46
3/4	1,431.51	3/4	1,562.81	3/4	1,694.10	3/4	1,825.40	3/4	1,956.70	3/4	2,088.00	3/4	2,219.30	3/4	2,350.60	3/4	2,481.90	3/4	2,613.20
7/8	1,434.24	7/8	1,565.54	7/8	1,696.83	7/8	1,828.13	7/8	1,959.43	7/8	2,090.73	7/8	2,222.03	7/8	2,353.33	7/8	2,484.63	7/8	2,615.93

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BARGE "KIRBY 28751"

3 PORT INNAGE TABLE

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

FORMERLY "HMS 302"

GAUGE HEIGHT 17'-04"

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	2,618.67	6	2,749.97	0	2,881.27	6	3,012.57	0	3,143.87	6	3,271.72	0	3,398.66	6	3,525.61	0	3,652.58	6	3,729.83
1/8	2,621.40	1/8	2,752.70	1/8	2,884.00	1/8	3,015.30	1/8	3,146.60	1/8	3,274.37	1/8	3,401.31	1/8	3,528.25	1/8	3,655.22	1/8	3,730.01
1/4	2,624.14	1/4	2,755.44	1/4	2,886.74	1/4	3,018.04	1/4	3,149.34	1/4	3,277.01	1/4	3,403.95	1/4	3,530.90	1/4	3,657.86	1/4	3,730.19
3/8	2,626.87	3/8	2,758.17	3/8	2,889.47	3/8	3,020.77	3/8	3,152.07	3/8	3,279.66	3/8	3,406.60	3/8	3,533.54	3/8	3,660.50	3/8	
1/2	2,629.61	1/2	2,760.91	1/2	2,892.21	1/2	3,023.51	1/2	3,154.81	1/2	3,282.30	1/2	3,409.24	1/2	3,536.19	1/2	3,663.14	1/2	
5/8	2,632.34	5/8	2,763.64	5/8	2,894.94	5/8	3,026.24	5/8	3,157.54	5/8	3,284.95	5/8	3,411.89	5/8	3,538.83	5/8	3,665.79	5/8	
3/4	2,635.08	3/4	2,766.38	3/4	2,897.68	3/4	3,028.98	3/4	3,160.28	3/4	3,287.59	3/4	3,414.53	3/4	3,541.48	3/4	3,668.43	3/4	
7/8	2,637.81	7/8	2,769.11	7/8	2,900.41	7/8	3,031.71	7/8	3,163.01	7/8	3,290.24	7/8	3,417.18	7/8	3,544.12	7/8	3,671.07	7/8	
1	2,640.55	7	2,771.85	1	2,903.15	7	3,034.45	1	3,165.75	7	3,292.88	1	3,419.82	7	3,546.77	1	3,673.71	7	
1/8	2,643.29	1/8	2,774.58	1/8	2,905.88	1/8	3,037.18	1/8	3,168.42	1/8	3,295.52	1/8	3,422.47	1/8	3,549.41	1/8	3,676.15	1/8	
1/4	2,646.02	1/4	2,777.32	1/4	2,908.62	1/4	3,039.92	1/4	3,171.08	1/4	3,298.17	1/4	3,425.11	1/4	3,552.06	1/4	3,678.60	1/4	
3/8	2,648.76	3/8	2,780.05	3/8	2,911.35	3/8	3,042.65	3/8	3,173.75	3/8	3,300.81	3/8	3,427.76	3/8	3,554.70	3/8	3,681.04	3/8	
1/2	2,651.49	1/2	2,782.79	1/2	2,914.09	1/2	3,045.39	1/2	3,176.42	1/2	3,303.45	1/2	3,430.40	1/2	3,557.34	1/2	3,683.48	1/2	
5/8	2,654.23	5/8	2,785.52	5/8	2,916.82	5/8	3,048.12	5/8	3,179.09	5/8	3,306.10	5/8	3,433.05	5/8	3,559.99	5/8	3,685.93	5/8	
3/4	2,656.97	3/4	2,788.26	3/4	2,919.56	3/4	3,050.86	3/4	3,181.75	3/4	3,308.74	3/4	3,435.69	3/4	3,562.63	3/4	3,688.37	3/4	
7/8	2,659.70	7/8	2,790.99	7/8	2,922.29	7/8	3,053.59	7/8	3,184.42	7/8	3,311.39	7/8	3,438.34	7/8	3,565.28	7/8	3,690.82	7/8	
2	2,662.44	8	2,793.73	2	2,925.03	8	3,056.33	2	3,187.09	8	3,314.03	2	3,440.98	8	3,567.92	2	3,693.26	8	
1/8	2,665.18	1/8	2,796.47	1/8	2,927.77	1/8	3,059.07	1/8	3,189.73	1/8	3,316.67	1/8	3,443.63	1/8	3,570.57	1/8	3,695.23	1/8	
1/4	2,667.91	1/4	2,799.20	1/4	2,930.50	1/4	3,061.80	1/4	3,192.38	1/4	3,319.32	1/4	3,446.27	1/4	3,573.21	1/4	3,697.19	1/4	
3/8	2,670.65	3/8	2,801.94	3/8	2,933.24	3/8	3,064.54	3/8	3,195.02	3/8	3,321.96	3/8	3,448.92	3/8	3,575.86	3/8	3,699.16	3/8	
1/2	2,673.38	1/2	2,804.67	1/2	2,935.97	1/2	3,067.27	1/2	3,197.67	1/2	3,324.61	1/2	3,451.56	1/2	3,578.50	1/2	3,701.12	1/2	
5/8	2,676.12	5/8	2,807.41	5/8	2,938.71	5/8	3,070.01	5/8	3,200.31	5/8	3,327.25	5/8	3,454.21	5/8	3,581.15	5/8	3,703.09	5/8	
3/4	2,678.85	3/4	2,810.15	3/4	2,941.45	3/4	3,072.75	3/4	3,202.96	3/4	3,329.90	3/4	3,456.85	3/4	3,583.79	3/4	3,705.05	3/4	
7/8	2,681.59	7/8	2,812.88	7/8	2,944.18	7/8	3,075.48	7/8	3,205.60	7/8	3,332.54	7/8	3,459.50	7/8	3,586.44	7/8	3,707.02	7/8	
3	2,684.32	9	2,815.62	3	2,946.92	9	3,078.22	3	3,208.25	9	3,335.19	3	3,462.14	9	3,589.08	3	3,708.98	9	
1/8	2,687.06	1/8	2,818.36	1/8	2,949.66	1/8	3,080.96	1/8	3,210.89	1/8	3,337.83	1/8	3,464.78	1/8	3,591.73	1/8	3,710.40	1/8	
1/4	2,689.79	1/4	2,821.09	1/4	2,952.39	1/4	3,083.69	1/4	3,213.54	1/4	3,340.48	1/4	3,467.43	1/4	3,594.37	1/4	3,711.82	1/4	
3/8	2,692.53	3/8	2,823.83	3/8	2,955.13	3/8	3,086.43	3/8	3,216.18	3/8	3,343.12	3/8	3,470.07	3/8	3,597.02	3/8	3,713.23	3/8	
1/2	2,695.26	1/2	2,826.56	1/2	2,957.86	1/2	3,089.16	1/2	3,218.82	1/2	3,345.77	1/2	3,472.71	1/2	3,599.66	1/2	3,714.65	1/2	
5/8	2,698.00	5/8	2,829.30	5/8	2,960.60	5/8	3,091.90	5/8	3,221.47	5/8	3,348.41	5/8	3,475.36	5/8	3,602.31	5/8	3,716.07	5/8	
3/4	2,700.73	3/4	2,832.03	3/4	2,963.33	3/4	3,094.63	3/4	3,224.11	3/4	3,351.06	3/4	3,478.00	3/4	3,604.95	3/4	3,717.49	3/4	
7/8	2,703.47	7/8	2,834.77	7/8	2,966.07	7/8	3,097.37	7/8	3,226.76	7/8	3,353.70	7/8	3,480.65	7/8	3,607.60	7/8	3,718.90	7/8	
4	2,706.20	10	2,837.50	4	2,968.80	10	3,100.10	4	3,229.40	10	3,356.35	4	3,483.29	10	3,610.24	4	3,720.32	10	
1/8	2,708.94	1/8	2,840.24	1/8	2,971.54	1/8	3,102.84	1/8	3,232.05	1/8	3,358.99	1/8	3,485.93	1/8	3,612.89	1/8	3,721.19	1/8	
1/4	2,711.67	1/4	2,842.97	1/4	2,974.27	1/4	3,105.57	1/4	3,234.69	1/4	3,361.64	1/4	3,488.58	1/4	3,615.53	1/4	3,722.06	1/4	
3/8	2,714.41	3/8	2,845.71	3/8	2,977.01	3/8	3,108.31	3/8	3,237.34	3/8	3,364.28	3/8	3,491.22	3/8	3,618.18	3/8	3,722.92	3/8	
1/2	2,717.14	1/2	2,848.44	1/2	2,979.74	1/2	3,111.04	1/2	3,239.98	1/2	3,366.93	1/2	3,493.87	1/2	3,620.82	1/2	3,723.79	1/2	
5/8	2,719.88	5/8	2,851.18	5/8	2,982.48	5/8	3,113.78	5/8	3,242.63	5/8	3,369.57	5/8	3,496.51	5/8	3,623.47	5/8	3,724.66	5/8	
3/4	2,722.62	3/4	2,853.91	3/4	2,985.21	3/4	3,116.51	3/4	3,245.27	3/4	3,372.22	3/4	3,499.16	3/4	3,626.11	3/4	3,725.53	3/4	
7/8	2,725.35	7/8	2,856.65	7/8	2,987.95	7/8	3,119.25	7/8	3,247.92	7/8	3,374.86	7/8	3,501.80	7/8	3,628.76	7/8	3,726.39	7/8	
5	2,728.09	11	2,859.38	5	2,990.68	11	3,121.98	5	3,250.56	11	3,377.51	5	3,504.45	11	3,631.40	5	3,727.26	11	
1/8	2,730.82	1/8	2,862.12	1/8	2,993.42	1/8	3,124.72	1/8	3,253.21	1/8	3,380.15	1/8	3,507.09	1/8	3,634.05	1/8	3,727.58	1/8	
1/4	2,733.56	1/4	2,864.85	1/4	2,996.15	1/4	3,127.45	1/4	3,255.85	1/4	3,382.80	1/4	3,509.74	1/4	3,636.70	1/4	3,727.90	1/4	
3/8	2,736.29	3/8	2,867.59	3/8	2,998.89	3/8	3,130.19	3/8	3,258.50	3/8	3,385.44	3/8	3,512.38	3/8	3,639.34	3/8	3,728.22	3/8	
1/2	2,739.03	1/2	2,870.32	1/2	3,001.62	1/2	3,132.92	1/2	3,261.14	1/2	3,388.08	1/2	3,515.03	1/2	3,641.99	1/2	3,728.54	1/2	
5/8	2,741.76	5/8	2,873.06	5/8	3,004.36	5/8	3,135.66	5/8	3,263.79	5/8	3,390.73	5/8	3,517.67	5/8	3,644.64	5/8	3,728.87	5/8	
3/4	2,744.50	3/4	2,875.80	3/4	3,007.10	3/4	3,138.40	3/4	3,266.43	3/4	3,393.37	3/4	3,520.32	3/4	3,647.29	3/4	3,729.19	3/4	
7/8	2,747.23	7/8	2,878.53	7/8	3,009.83	7/8	3,141.13	7/8	3,269.08	7/8	3,396.02	7/8	3,522.96	7/8	3,649.93	7/8	3,729.51	7/8	

STRAPPED: 01/26/2002 ITS

DECK MEASUREMENTS: 03/05/2020 JS

REPRINTED: 03/09/2020 SW

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Pearland, Texas 77588

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BARGE "KIRBY 28751"

3 STBD INNAGE TABLE

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

FORMERLY "HMS 302"

GAUGE HEIGHT 17'-04"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	12.41	6	132.33	0	263.60	6	394.67	0	520.94	6	652.26	0	783.81	6	914.69	0	1,045.53	6	1,177.11
1/8	14.37	1/8	135.07	1/8	266.33	1/8	397.40	1/8	523.65	1/8	655.00	1/8	786.54	1/8	917.41	1/8	1,048.27	1/8	1,179.85
1/4	16.33	1/4	137.80	1/4	269.06	1/4	400.13	1/4	526.35	1/4	657.74	1/4	789.28	1/4	920.13	1/4	1,051.01	1/4	1,182.59
3/8	18.28	3/8	140.54	3/8	271.79	3/8	402.86	3/8	529.06	3/8	660.48	3/8	792.01	3/8	922.85	3/8	1,053.75	3/8	1,185.34
1/2	20.24	1/2	143.27	1/2	274.52	1/2	405.59	1/2	531.77	1/2	663.22	1/2	794.74	1/2	925.58	1/2	1,056.48	1/2	1,188.08
5/8	22.20	5/8	146.01	5/8	277.26	5/8	408.32	5/8	534.48	5/8	665.97	5/8	797.48	5/8	928.30	5/8	1,059.22	5/8	1,190.82
3/4	24.16	3/4	148.75	3/4	279.99	3/4	411.05	3/4	537.18	3/4	668.71	3/4	800.21	3/4	931.02	3/4	1,061.96	3/4	1,193.56
7/8	26.11	7/8	151.48	7/8	282.72	7/8	413.78	7/8	539.89	7/8	671.45	7/8	802.95	7/8	933.74	7/8	1,064.70	7/8	1,196.31
1	28.07	7	154.22	1	285.45	7	416.51	1	542.60	7	674.19	1	805.68	7	936.46	1	1,067.44	7	1,199.05
1/8	30.57	1/8	156.96	1/8	288.18	1/8	419.15	1/8	545.34	1/8	676.93	1/8	808.41	1/8	939.18	1/8	1,070.18	1/8	1,201.79
1/4	33.06	1/4	159.69	1/4	290.91	1/4	421.78	1/4	548.08	1/4	679.67	1/4	811.14	1/4	941.90	1/4	1,072.92	1/4	1,204.53
3/8	35.56	3/8	162.43	3/8	293.64	3/8	424.42	3/8	550.82	3/8	682.41	3/8	813.87	3/8	944.62	3/8	1,075.67	3/8	1,207.27
1/2	38.05	1/2	165.16	1/2	296.37	1/2	427.05	1/2	553.56	1/2	685.15	1/2	816.60	1/2	947.35	1/2	1,078.41	1/2	1,210.01
5/8	40.55	5/8	167.90	5/8	299.10	5/8	429.69	5/8	556.31	5/8	687.89	5/8	819.33	5/8	950.07	5/8	1,081.15	5/8	1,212.76
3/4	43.05	3/4	170.64	3/4	301.83	3/4	432.33	3/4	559.05	3/4	690.63	3/4	822.06	3/4	952.79	3/4	1,083.89	3/4	1,215.50
7/8	45.54	7/8	173.37	7/8	304.56	7/8	434.96	7/8	561.79	7/8	693.37	7/8	824.79	7/8	955.51	7/8	1,086.64	7/8	1,218.24
2	48.04	8	176.11	2	307.29	8	437.60	2	564.53	8	696.11	2	827.52	8	958.23	2	1,089.38	8	1,220.98
1/8	50.65	1/8	178.85	1/8	310.02	1/8	440.20	1/8	567.27	1/8	698.85	1/8	830.25	1/8	960.95	1/8	1,092.12	1/8	1,223.72
1/4	53.26	1/4	181.58	1/4	312.75	1/4	442.81	1/4	570.02	1/4	701.59	1/4	832.98	1/4	963.67	1/4	1,094.86	1/4	1,226.46
3/8	55.87	3/8	184.32	3/8	315.48	3/8	445.41	3/8	572.76	3/8	704.33	3/8	835.71	3/8	966.39	3/8	1,097.60	3/8	1,229.20
1/2	58.48	1/2	187.06	1/2	318.21	1/2	448.02	1/2	575.50	1/2	707.07	1/2	838.44	1/2	969.12	1/2	1,100.34	1/2	1,231.94
5/8	61.09	5/8	189.80	5/8	320.94	5/8	450.62	5/8	578.24	5/8	709.82	5/8	841.17	5/8	971.84	5/8	1,103.09	5/8	1,234.69
3/4	63.70	3/4	192.53	3/4	323.67	3/4	453.23	3/4	580.99	3/4	712.56	3/4	843.90	3/4	974.56	3/4	1,105.83	3/4	1,237.43
7/8	66.31	7/8	195.27	7/8	326.40	7/8	455.83	7/8	583.73	7/8	715.30	7/8	846.63	7/8	977.28	7/8	1,108.57	7/8	1,240.17
3	68.92	9	198.01	3	329.13	9	458.44	3	586.47	9	718.04	3	849.36	9	980.00	3	1,111.31	9	1,242.91
1/8	71.53	1/8	200.75	1/8	331.86	1/8	461.04	1/8	589.21	1/8	720.78	1/8	852.08	1/8	982.73	1/8	1,114.05	1/8	1,245.65
1/4	74.14	1/4	203.48	1/4	334.59	1/4	463.65	1/4	591.95	1/4	723.52	1/4	854.80	1/4	985.46	1/4	1,116.80	1/4	1,248.39
3/8	76.75	3/8	206.22	3/8	337.32	3/8	466.25	3/8	594.69	3/8	726.26	3/8	857.53	3/8	988.19	3/8	1,119.54	3/8	1,251.14
1/2	79.36	1/2	208.95	1/2	340.05	1/2	468.85	1/2	597.43	1/2	729.00	1/2	860.25	1/2	990.92	1/2	1,122.28	1/2	1,253.88
5/8	81.97	5/8	211.69	5/8	342.79	5/8	471.46	5/8	600.18	5/8	731.74	5/8	862.97	5/8	993.64	5/8	1,125.02	5/8	1,256.62
3/4	84.58	3/4	214.43	3/4	345.52	3/4	474.06	3/4	602.92	3/4	734.48	3/4	865.69	3/4	996.37	3/4	1,127.77	3/4	1,259.36
7/8	87.19	7/8	217.16	7/8	348.25	7/8	476.67	7/8	605.66	7/8	737.22	7/8	868.42	7/8	999.10	7/8	1,130.51	7/8	1,262.11
4	89.80	10	219.90	4	350.98	10	479.27	4	608.40	10	739.96	4	871.14	10	1,001.83	4	1,133.25	10	1,264.85
1/8	92.41	1/8	222.63	1/8	353.71	1/8	481.88	1/8	611.14	1/8	742.70	1/8	873.86	1/8	1,004.56	1/8	1,135.99	1/8	1,267.59
1/4	95.02	1/4	225.36	1/4	356.44	1/4	484.48	1/4	613.88	1/4	745.44	1/4	876.58	1/4	1,007.29	1/4	1,138.73	1/4	1,270.33
3/8	97.63	3/8	228.10	3/8	359.17	3/8	487.09	3/8	616.63	3/8	748.18	3/8	879.31	3/8	1,010.02	3/8	1,141.47	3/8	1,273.07
1/2	100.24	1/2	230.83	1/2	361.90	1/2	489.69	1/2	619.37	1/2	750.92	1/2	882.03	1/2	1,012.75	1/2	1,144.21	1/2	1,275.81
5/8	102.86	5/8	233.56	5/8	364.63	5/8	492.30	5/8	622.11	5/8	753.67	5/8	884.75	5/8	1,015.49	5/8	1,146.96	5/8	1,278.56
3/4	105.47	3/4	236.29	3/4	367.36	3/4	494.90	3/4	624.85	3/4	756.41	3/4	887.47	3/4	1,018.22	3/4	1,149.70	3/4	1,281.30
7/8	108.08	7/8	239.03	7/8	370.09	7/8	497.51	7/8	627.60	7/8	759.15	7/8	890.20	7/8	1,020.95	7/8	1,152.44	7/8	1,284.04
5	110.69	11	241.76	5	372.82	11	500.11	5	630.34	11	761.89	5	892.92	11	1,023.68	5	1,155.18	11	1,286.78
1/8	113.40	1/8	244.49	1/8	375.55	1/8	502.71	1/8	633.08	1/8	764.63	1/8	895.64	1/8	1,026.41	1/8	1,157.92	1/8	1,289.52
1/4	116.10	1/4	247.22	1/4	378.28	1/4	505.32	1/4	635.82	1/4	767.37	1/4	898.36	1/4	1,029.14	1/4	1,160.66	1/4	1,292.26
3/8	118.81	3/8	249.95	3/8	381.01	3/8	507.92	3/8	638.56	3/8	770.11	3/8	901.08	3/8	1,031.87	3/8	1,163.40	3/8	1,295.00
1/2	121.51	1/2	252.68	1/2	383.74	1/2	510.52	1/2	641.30	1/2	772.85	1/2	903.80	1/2	1,034.60	1/2	1,166.14	1/2	1,297.74
5/8	124.22	5/8	255.41	5/8	386.48	5/8	513.13	5/8	644.04	5/8	775.59	5/8	906.53	5/8	1,037.34	5/8	1,168.89	5/8	1,300.49
3/4	126.92	3/4	258.14	3/4	389.21	3/4	515.73	3/4	646.78	3/4	778.33	3/4	909.25	3/4	1,040.07	3/4	1,171.63	3/4	1,303.23
7/8	129.63	7/8	260.87	7/8	391.94	7/8	518.34	7/8	649.52	7/8	781.07	7/8	911.97	7/8	1,042.80	7/8	1,174.37	7/8	1,305.97

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" DIAMETER STANDPIPE

GAUGE POINT: (MANUAL) LOCATED 09'-09" OFF CENTERLINE AND 33'-00" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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BARGE "KIRBY 28751"

3 STBD INNAGE TABLE

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

FORMERLY "HMS 302"

GAUGE HEIGHT 17'-04"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	1,308.71	6	1,440.32	0	1,571.92	6	1,703.52	0	1,835.12	6	1,966.72	0	2,098.32	6	2,229.93	0	2,361.53	6	2,493.13
1/8	1,311.45	1/8	1,443.06	1/8	1,574.66	1/8	1,706.26	1/8	1,837.86	1/8	1,969.46	1/8	2,101.06	1/8	2,232.67	1/8	2,364.27	1/8	2,495.87
1/4	1,314.19	1/4	1,445.80	1/4	1,577.40	1/4	1,709.00	1/4	1,840.60	1/4	1,972.20	1/4	2,103.81	1/4	2,235.41	1/4	2,367.01	1/4	2,498.61
3/8	1,316.94	3/8	1,448.54	3/8	1,580.14	3/8	1,711.74	3/8	1,843.34	3/8	1,974.95	3/8	2,106.55	3/8	2,238.15	3/8	2,369.75	3/8	2,501.35
1/2	1,319.68	1/2	1,451.28	1/2	1,582.88	1/2	1,714.48	1/2	1,846.08	1/2	1,977.69	1/2	2,109.29	1/2	2,240.89	1/2	2,372.49	1/2	2,504.09
5/8	1,322.42	5/8	1,454.03	5/8	1,585.63	5/8	1,717.23	5/8	1,848.83	5/8	1,980.43	5/8	2,112.03	5/8	2,243.64	5/8	2,375.24	5/8	2,506.84
3/4	1,325.16	3/4	1,456.77	3/4	1,588.37	3/4	1,719.97	3/4	1,851.57	3/4	1,983.17	3/4	2,114.77	3/4	2,246.38	3/4	2,377.98	3/4	2,509.58
7/8	1,327.91	7/8	1,459.51	7/8	1,591.11	7/8	1,722.71	7/8	1,854.31	7/8	1,985.92	7/8	2,117.52	7/8	2,249.12	7/8	2,380.72	7/8	2,512.32
1	1,330.65	7	1,462.25	1	1,593.85	7	1,725.45	1	1,857.05	7	1,988.66	1	2,120.26	7	2,251.86	1	2,383.46	7	2,515.06
1/8	1,333.39	1/8	1,464.99	1/8	1,596.59	1/8	1,728.19	1/8	1,859.79	1/8	1,991.40	1/8	2,123.00	1/8	2,254.60	1/8	2,386.20	1/8	2,517.80
1/4	1,336.13	1/4	1,467.73	1/4	1,599.33	1/4	1,730.93	1/4	1,862.53	1/4	1,994.14	1/4	2,125.74	1/4	2,257.34	1/4	2,388.94	1/4	2,520.54
3/8	1,338.87	3/8	1,470.47	3/8	1,602.07	3/8	1,733.68	3/8	1,865.28	3/8	1,996.88	3/8	2,128.48	3/8	2,260.08	3/8	2,391.68	3/8	2,523.29
1/2	1,341.61	1/2	1,473.22	1/2	1,604.82	1/2	1,736.42	1/2	1,868.02	1/2	1,999.62	1/2	2,131.22	1/2	2,262.82	1/2	2,394.42	1/2	2,526.03
5/8	1,344.36	5/8	1,475.96	5/8	1,607.56	5/8	1,739.16	5/8	1,870.76	5/8	2,002.37	5/8	2,133.97	5/8	2,265.57	5/8	2,397.17	5/8	2,528.77
3/4	1,347.10	3/4	1,478.70	3/4	1,610.30	3/4	1,741.90	3/4	1,873.50	3/4	2,005.11	3/4	2,136.71	3/4	2,268.31	3/4	2,399.91	3/4	2,531.51
7/8	1,349.84	7/8	1,481.44	7/8	1,613.04	7/8	1,744.65	7/8	1,876.25	7/8	2,007.85	7/8	2,139.45	7/8	2,271.05	7/8	2,402.65	7/8	2,534.26
2	1,352.58	8	1,484.18	2	1,615.78	8	1,747.39	2	1,878.99	8	2,010.59	2	2,142.19	8	2,273.79	2	2,405.39	8	2,537.00
1/8	1,355.32	1/8	1,486.92	1/8	1,618.52	1/8	1,750.13	1/8	1,881.73	1/8	2,013.33	1/8	2,144.93	1/8	2,276.53	1/8	2,408.13	1/8	2,539.74
1/4	1,358.06	1/4	1,489.67	1/4	1,621.27	1/4	1,752.87	1/4	1,884.47	1/4	2,016.07	1/4	2,147.67	1/4	2,279.27	1/4	2,410.87	1/4	2,542.48
3/8	1,360.80	3/8	1,492.41	3/8	1,624.01	3/8	1,755.61	3/8	1,887.21	3/8	2,018.81	3/8	2,150.41	3/8	2,282.02	3/8	2,413.62	3/8	2,545.22
1/2	1,363.54	1/2	1,495.15	1/2	1,626.75	1/2	1,758.35	1/2	1,889.95	1/2	2,021.56	1/2	2,153.16	1/2	2,284.76	1/2	2,416.36	1/2	2,547.96
5/8	1,366.29	5/8	1,497.89	5/8	1,629.49	5/8	1,761.10	5/8	1,892.70	5/8	2,024.30	5/8	2,155.90	5/8	2,287.50	5/8	2,419.10	5/8	2,550.71
3/4	1,369.03	3/4	1,500.63	3/4	1,632.23	3/4	1,763.84	3/4	1,895.44	3/4	2,027.04	3/4	2,158.64	3/4	2,290.24	3/4	2,421.84	3/4	2,553.45
7/8	1,371.77	7/8	1,503.38	7/8	1,634.98	7/8	1,766.58	7/8	1,898.18	7/8	2,029.78	7/8	2,161.38	7/8	2,292.99	7/8	2,424.59	7/8	2,556.19
3	1,374.51	9	1,506.12	3	1,637.72	9	1,769.32	3	1,900.92	9	2,032.52	3	2,164.12	9	2,295.73	3	2,427.33	9	2,558.93
1/8	1,377.25	1/8	1,508.86	1/8	1,640.46	1/8	1,772.06	1/8	1,903.66	1/8	2,035.26	1/8	2,166.86	1/8	2,298.47	1/8	2,430.07	1/8	2,561.67
1/4	1,379.99	1/4	1,511.60	1/4	1,643.20	1/4	1,774.80	1/4	1,906.40	1/4	2,038.01	1/4	2,169.61	1/4	2,301.21	1/4	2,432.81	1/4	2,564.41
3/8	1,382.74	3/8	1,514.34	3/8	1,645.94	3/8	1,777.54	3/8	1,909.14	3/8	2,040.75	3/8	2,172.35	3/8	2,303.95	3/8	2,435.55	3/8	2,567.15
1/2	1,385.48	1/2	1,517.08	1/2	1,648.68	1/2	1,780.28	1/2	1,911.88	1/2	2,043.49	1/2	2,175.09	1/2	2,306.69	1/2	2,438.29	1/2	2,569.90
5/8	1,388.22	5/8	1,519.83	5/8	1,651.43	5/8	1,783.03	5/8	1,914.63	5/8	2,046.23	5/8	2,177.83	5/8	2,309.44	5/8	2,441.04	5/8	2,572.64
3/4	1,390.96	3/4	1,522.57	3/4	1,654.17	3/4	1,785.77	3/4	1,917.37	3/4	2,048.97	3/4	2,180.57	3/4	2,312.18	3/4	2,443.78	3/4	2,575.38
7/8	1,393.71	7/8	1,525.31	7/8	1,656.91	7/8	1,788.51	7/8	1,920.11	7/8	2,051.72	7/8	2,183.32	7/8	2,314.92	7/8	2,446.52	7/8	2,578.12
4	1,396.45	10	1,528.05	4	1,659.65	10	1,791.25	4	1,922.85	10	2,054.46	4	2,186.06	10	2,317.66	4	2,449.26	10	2,580.86
1/8	1,399.19	1/8	1,530.79	1/8	1,662.39	1/8	1,793.99	1/8	1,925.59	1/8	2,057.20	1/8	2,188.80	1/8	2,320.40	1/8	2,452.00	1/8	2,583.60
1/4	1,401.93	1/4	1,533.53	1/4	1,665.14	1/4	1,796.73	1/4	1,928.33	1/4	2,059.94	1/4	2,191.54	1/4	2,323.14	1/4	2,454.74	1/4	2,586.35
3/8	1,404.67	3/8	1,536.27	3/8	1,667.88	3/8	1,799.48	3/8	1,931.08	3/8	2,062.68	3/8	2,194.28	3/8	2,325.88	3/8	2,457.48	3/8	2,589.09
1/2	1,407.41	1/2	1,539.02	1/2	1,670.62	1/2	1,802.22	1/2	1,933.82	1/2	2,065.42	1/2	2,197.02	1/2	2,328.62	1/2	2,460.22	1/2	2,591.83
5/8	1,410.16	5/8	1,541.76	5/8	1,673.36	5/8	1,804.96	5/8	1,936.56	5/8	2,068.17	5/8	2,199.77	5/8	2,331.37	5/8	2,462.97	5/8	2,594.57
3/4	1,412.90	3/4	1,544.50	3/4	1,676.11	3/4	1,807.70	3/4	1,939.30	3/4	2,070.91	3/4	2,202.51	3/4	2,334.11	3/4	2,465.71	3/4	2,597.31
7/8	1,415.64	7/8	1,547.24	7/8	1,678.85	7/8	1,810.45	7/8	1,942.05	7/8	2,073.65	7/8	2,205.25	7/8	2,336.85	7/8	2,468.45	7/8	2,600.06
5	1,418.38	11	1,549.98	5	1,681.59	11	1,813.19	5	1,944.79	11	2,076.39	5	2,207.99	11	2,339.59	5	2,471.19	11	2,602.80
1/8	1,421.12	1/8	1,552.72	1/8	1,684.33	1/8	1,815.93	1/8	1,947.53	1/8	2,079.13	1/8	2,210.73	1/8	2,342.33	1/8	2,473.93	1/8	2,605.54
1/4	1,423.86	1/4	1,555.47	1/4	1,687.07	1/4	1,818.67	1/4	1,950.27	1/4	2,081.87	1/4	2,213.48	1/4	2,345.07	1/4	2,476.67	1/4	2,608.28
3/8	1,426.61	3/8	1,558.21	3/8	1,689.81	3/8	1,821.41	3/8	1,953.01	3/8	2,084.61	3/8	2,216.22	3/8	2,347.82	3/8	2,479.42	3/8	2,611.02
1/2	1,429.35	1/2	1,560.95	1/2	1,692.55	1/2	1,824.15	1/2	1,955.75	1/2	2,087.36	1/2	2,218.96	1/2	2,350.56	1/2	2,482.16	1/2	2,613.76
5/8	1,432.09	5/8	1,563.69	5/8	1,695.30	5/8	1,826.90	5/8	1,958.50	5/8	2,090.10	5/8	2,221.70	5/8	2,353.30	5/8	2,484.90	5/8	2,616.51
3/4	1,434.83	3/4	1,566.43	3/4	1,698.04	3/4	1,829.64	3/4	1,961.24	3/4	2,092.84	3/4	2,224.45	3/4	2,356.04	3/4	2,487.64	3/4	2,619.25
7/8	1,437.58	7/8	1,569.18	7/8	1,700.78	7/8	1,832.38	7/8	1,963.98	7/8	2,095.58	7/8	2,227.19	7/8	2,358.79	7/8	2,490.39	7/8	2,621.99

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BARGE "KIRBY 28751"

3 STBD INNAGE TABLE

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

FORMERLY "HMS 302"

GAUGE HEIGHT 17'-04"

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	2,624.73	6	2,756.33	0	2,887.93	6	3,019.53	0	3,151.14	6	3,279.29	0	3,406.54	6	3,533.79	0	3,661.04	6	3,741.69
1/8	2,627.47	1/8	2,759.07	1/8	2,890.67	1/8	3,022.27	1/8	3,153.88	1/8	3,281.94	1/8	3,409.19	1/8	3,536.44	1/8	3,663.74	1/8	3,741.94
1/4	2,630.21	1/4	2,761.82	1/4	2,893.41	1/4	3,025.01	1/4	3,156.62	1/4	3,284.59	1/4	3,411.84	1/4	3,539.09	1/4	3,666.45	1/4	3,742.19
3/8	2,632.95	3/8	2,764.56	3/8	2,896.16	3/8	3,027.76	3/8	3,159.36	3/8	3,287.24	3/8	3,414.49	3/8	3,541.74	3/8	3,669.15	3/8	
1/2	2,635.70	1/2	2,767.30	1/2	2,898.90	1/2	3,030.50	1/2	3,162.10	1/2	3,289.90	1/2	3,417.15	1/2	3,544.40	1/2	3,671.85	1/2	
5/8	2,638.44	5/8	2,770.04	5/8	2,901.64	5/8	3,033.24	5/8	3,164.85	5/8	3,292.55	5/8	3,419.80	5/8	3,547.05	5/8	3,674.55	5/8	
3/4	2,641.18	3/4	2,772.79	3/4	2,904.38	3/4	3,035.98	3/4	3,167.59	3/4	3,295.20	3/4	3,422.45	3/4	3,549.70	3/4	3,677.26	3/4	
7/8	2,643.92	7/8	2,775.53	7/8	2,907.13	7/8	3,038.73	7/8	3,170.33	7/8	3,297.85	7/8	3,425.10	7/8	3,552.35	7/8	3,679.96	7/8	
1	2,646.66	7	2,778.27	1	2,909.87	7	3,041.47	1	3,173.07	7	3,300.50	1	3,427.75	7	3,555.00	1	3,682.66	7	
1/8	2,649.40	1/8	2,781.01	1/8	2,912.61	1/8	3,044.21	1/8	3,175.74	1/8	3,303.15	1/8	3,430.40	1/8	3,557.65	1/8	3,685.18	1/8	
1/4	2,652.15	1/4	2,783.75	1/4	2,915.35	1/4	3,046.95	1/4	3,178.42	1/4	3,305.80	1/4	3,433.05	1/4	3,560.30	1/4	3,687.70	1/4	
3/8	2,654.89	3/8	2,786.49	3/8	2,918.09	3/8	3,049.69	3/8	3,181.09	3/8	3,308.45	3/8	3,435.70	3/8	3,562.95	3/8	3,690.22	3/8	
1/2	2,657.63	1/2	2,789.23	1/2	2,920.83	1/2	3,052.43	1/2	3,183.76	1/2	3,311.11	1/2	3,438.36	1/2	3,565.60	1/2	3,692.73	1/2	
5/8	2,660.37	5/8	2,791.98	5/8	2,923.58	5/8	3,055.18	5/8	3,186.44	5/8	3,313.76	5/8	3,441.01	5/8	3,568.25	5/8	3,695.25	5/8	
3/4	2,663.11	3/4	2,794.72	3/4	2,926.32	3/4	3,057.92	3/4	3,189.11	3/4	3,316.41	3/4	3,443.66	3/4	3,570.90	3/4	3,697.77	3/4	
7/8	2,665.86	7/8	2,797.46	7/8	2,929.06	7/8	3,060.66	7/8	3,191.79	7/8	3,319.06	7/8	3,446.31	7/8	3,573.55	7/8	3,700.29	7/8	
2	2,668.60	8	2,800.20	2	2,931.80	8	3,063.40	2	3,194.46	8	3,321.71	2	3,448.96	8	3,576.20	2	3,702.81	8	
1/8	2,671.34	1/8	2,802.94	1/8	2,934.54	1/8	3,066.14	1/8	3,197.11	1/8	3,324.36	1/8	3,451.61	1/8	3,578.85	1/8	3,704.85	1/8	
1/4	2,674.08	1/4	2,805.68	1/4	2,937.28	1/4	3,068.88	1/4	3,199.76	1/4	3,327.01	1/4	3,454.26	1/4	3,581.50	1/4	3,706.89	1/4	
3/8	2,676.82	3/8	2,808.42	3/8	2,940.02	3/8	3,071.63	3/8	3,202.41	3/8	3,329.66	3/8	3,456.91	3/8	3,584.15	3/8	3,708.93	3/8	
1/2	2,679.56	1/2	2,811.16	1/2	2,942.76	1/2	3,074.37	1/2	3,205.06	1/2	3,332.32	1/2	3,459.56	1/2	3,586.80	1/2	3,710.96	1/2	
5/8	2,682.31	5/8	2,813.91	5/8	2,945.51	5/8	3,077.11	5/8	3,207.72	5/8	3,334.97	5/8	3,462.21	5/8	3,589.46	5/8	3,713.00	5/8	
3/4	2,685.05	3/4	2,816.65	3/4	2,948.25	3/4	3,079.85	3/4	3,210.37	3/4	3,337.62	3/4	3,464.86	3/4	3,592.11	3/4	3,715.04	3/4	
7/8	2,687.79	7/8	2,819.39	7/8	2,950.99	7/8	3,082.60	7/8	3,213.02	7/8	3,340.27	7/8	3,467.51	7/8	3,594.76	7/8	3,717.08	7/8	
3	2,690.53	9	2,822.13	3	2,953.73	9	3,085.34	3	3,215.67	9	3,342.92	3	3,470.16	9	3,597.41	3	3,719.12	9	
1/8	2,693.27	1/8	2,824.87	1/8	2,956.47	1/8	3,088.08	1/8	3,218.32	1/8	3,345.57	1/8	3,472.81	1/8	3,600.06	1/8	3,720.61	1/8	
1/4	2,696.01	1/4	2,827.61	1/4	2,959.21	1/4	3,090.82	1/4	3,220.97	1/4	3,348.22	1/4	3,475.46	1/4	3,602.71	1/4	3,722.10	1/4	
3/8	2,698.75	3/8	2,830.36	3/8	2,961.96	3/8	3,093.56	3/8	3,223.62	3/8	3,350.87	3/8	3,478.11	3/8	3,605.36	3/8	3,723.59	3/8	
1/2	2,701.50	1/2	2,833.10	1/2	2,964.70	1/2	3,096.30	1/2	3,226.28	1/2	3,353.52	1/2	3,480.76	1/2	3,608.02	1/2	3,725.08	1/2	
5/8	2,704.24	5/8	2,835.84	5/8	2,967.44	5/8	3,099.05	5/8	3,228.93	5/8	3,356.17	5/8	3,483.42	5/8	3,610.67	5/8	3,726.57	5/8	
3/4	2,706.98	3/4	2,838.58	3/4	2,970.18	3/4	3,101.79	3/4	3,231.58	3/4	3,358.82	3/4	3,486.07	3/4	3,613.32	3/4	3,728.06	3/4	
7/8	2,709.72	7/8	2,841.33	7/8	2,972.93	7/8	3,104.53	7/8	3,234.23	7/8	3,361.47	7/8	3,488.72	7/8	3,615.97	7/8	3,729.55	7/8	
4	2,712.46	10	2,844.07	4	2,975.67	10	3,107.27	4	3,236.88	10	3,364.12	4	3,491.37	10	3,618.62	4	3,731.04	10	
1/8	2,715.20	1/8	2,846.81	1/8	2,978.41	1/8	3,110.01	1/8	3,239.53	1/8	3,366.77	1/8	3,494.02	1/8	3,621.27	1/8	3,731.98	1/8	
1/4	2,717.95	1/4	2,849.55	1/4	2,981.15	1/4	3,112.75	1/4	3,242.18	1/4	3,369.42	1/4	3,496.67	1/4	3,623.92	1/4	3,732.92	1/4	
3/8	2,720.69	3/8	2,852.29	3/8	2,983.89	3/8	3,115.49	3/8	3,244.83	3/8	3,372.07	3/8	3,499.32	3/8	3,626.57	3/8	3,733.86	3/8	
1/2	2,723.43	1/2	2,855.03	1/2	2,986.63	1/2	3,118.24	1/2	3,247.48	1/2	3,374.72	1/2	3,501.98	1/2	3,629.23	1/2	3,734.80	1/2	
5/8	2,726.17	5/8	2,857.78	5/8	2,989.38	5/8	3,120.98	5/8	3,250.13	5/8	3,377.38	5/8	3,504.63	5/8	3,631.88	5/8	3,735.74	5/8	
3/4	2,728.91	3/4	2,860.52	3/4	2,992.12	3/4	3,123.72	3/4	3,252.78	3/4	3,380.03	3/4	3,507.28	3/4	3,634.53	3/4	3,736.68	3/4	
7/8	2,731.66	7/8	2,863.26	7/8	2,994.86	7/8	3,126.46	7/8	3,255.43	7/8	3,382.68	7/8	3,509.93	7/8	3,637.18	7/8	3,737.62	7/8	
5	2,734.40	11	2,866.00	5	2,997.60	11	3,129.20	5	3,258.08	11	3,385.33	5	3,512.58	11	3,639.83	5	3,738.56	11	
1/8	2,737.14	1/8	2,868.74	1/8	3,000.34	1/8	3,131.94	1/8	3,260.73	1/8	3,387.98	1/8	3,515.23	1/8	3,642.48	1/8	3,738.95	1/8	
1/4	2,739.88	1/4	2,871.48	1/4	3,003.08	1/4	3,134.69	1/4	3,263.38	1/4	3,390.63	1/4	3,517.88	1/4	3,645.13	1/4	3,739.34	1/4	
3/8	2,742.62	3/8	2,874.22	3/8	3,005.82	3/8	3,137.43	3/8	3,266.03	3/8	3,393.28	3/8	3,520.53	3/8	3,647.78	3/8	3,739.73	3/8	
1/2	2,745.36	1/2	2,876.96	1/2	3,008.56	1/2	3,140.17	1/2	3,268.68	1/2	3,395.94	1/2	3,523.19	1/2	3,650.44	1/2	3,740.12	1/2	
5/8	2,748.11	5/8	2,879.71	5/8	3,011.31	5/8	3,142.91	5/8	3,271.34	5/8	3,398.59	5/8	3,525.84	5/8	3,653.09	5/8	3,740.52	5/8	
3/4	2,750.85	3/4	2,882.45	3/4	3,014.05	3/4	3,145.65	3/4	3,273.99	3/4	3,401.24	3/4	3,528.49	3/4	3,655.74	3/4	3,740.91	3/4	
7/8	2,753.59	7/8	2,885.19	7/8	3,016.79	7/8	3,148.40	7/8	3,276.64	7/8	3,403.89	7/8	3,531.14	7/8	3,658.39	7/8	3,741.30	7/8	

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CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020

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BARGE "KIRBY 28751"

4 CENTER INNAGE TABLE

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

FORMERLY "HMS 302"

GAUGE HEIGHT 17'-08 1/4"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	2.99	6	186.62	0	424.34	6	662.91	0	895.26	6	1,131.67	0	1,371.39	6	1,610.74	0	1,849.78	6	2,089.40
1/8	4.45	1/8	191.45	1/8	429.31	1/8	667.88	1/8	900.00	1/8	1,136.66	1/8	1,376.38	1/8	1,615.72	1/8	1,854.77	1/8	2,094.39
1/4	5.91	1/4	196.28	1/4	434.28	1/4	672.85	1/4	904.74	1/4	1,141.66	1/4	1,381.38	1/4	1,620.70	1/4	1,859.75	1/4	2,099.39
3/8	7.36	3/8	201.12	3/8	439.25	3/8	677.82	3/8	909.48	3/8	1,146.65	3/8	1,386.37	3/8	1,625.68	3/8	1,864.74	3/8	2,104.38
1/2	8.82	1/2	205.95	1/2	444.22	1/2	682.79	1/2	914.22	1/2	1,151.64	1/2	1,391.37	1/2	1,630.65	1/2	1,869.72	1/2	2,109.37
5/8	10.28	5/8	210.78	5/8	449.19	5/8	687.76	5/8	918.96	5/8	1,156.64	5/8	1,396.36	5/8	1,635.63	5/8	1,874.71	5/8	2,114.37
3/4	11.74	3/4	215.61	3/4	454.16	3/4	692.73	3/4	923.70	3/4	1,161.63	3/4	1,401.35	3/4	1,640.61	3/4	1,879.70	3/4	2,119.36
7/8	13.19	7/8	220.45	7/8	459.13	7/8	697.70	7/8	928.44	7/8	1,166.63	7/8	1,406.35	7/8	1,645.59	7/8	1,884.68	7/8	2,124.36
1	14.65	7	225.28	1	464.10	7	702.67	1	933.18	7	1,171.62	1	1,411.34	7	1,650.57	1	1,889.67	7	2,129.35
1/8	17.68	1/8	230.26	1/8	469.07	1/8	707.64	1/8	938.01	1/8	1,176.61	1/8	1,416.33	1/8	1,655.55	1/8	1,894.66	1/8	2,134.34
1/4	20.71	1/4	235.23	1/4	474.04	1/4	712.61	1/4	942.85	1/4	1,181.61	1/4	1,421.32	1/4	1,660.53	1/4	1,899.65	1/4	2,139.34
3/8	23.74	3/8	240.21	3/8	479.01	3/8	717.58	3/8	947.68	3/8	1,186.60	3/8	1,426.31	3/8	1,665.50	3/8	1,904.64	3/8	2,144.33
1/2	26.77	1/2	245.19	1/2	483.98	1/2	722.55	1/2	952.52	1/2	1,191.60	1/2	1,431.31	1/2	1,670.48	1/2	1,909.63	1/2	2,149.33
5/8	29.80	5/8	250.17	5/8	488.95	5/8	727.52	5/8	957.35	5/8	1,196.59	5/8	1,436.30	5/8	1,675.46	5/8	1,914.62	5/8	2,154.32
3/4	32.83	3/4	255.14	3/4	493.92	3/4	732.49	3/4	962.19	3/4	1,201.59	3/4	1,441.29	3/4	1,680.44	3/4	1,919.61	3/4	2,159.31
7/8	35.86	7/8	260.12	7/8	498.89	7/8	737.46	7/8	967.02	7/8	1,206.58	7/8	1,446.28	7/8	1,685.41	7/8	1,924.60	7/8	2,164.31
2	38.89	8	265.10	2	503.86	8	742.43	2	971.86	8	1,211.58	2	1,451.27	8	1,690.39	2	1,929.59	8	2,169.30
1/8	43.12	1/8	270.08	1/8	508.83	1/8	747.31	1/8	976.85	1/8	1,216.57	1/8	1,456.26	1/8	1,695.37	1/8	1,934.58	1/8	2,174.29
1/4	47.34	1/4	275.05	1/4	513.80	1/4	752.20	1/4	981.85	1/4	1,221.57	1/4	1,461.24	1/4	1,700.35	1/4	1,939.58	1/4	2,179.29
3/8	51.57	3/8	280.03	3/8	518.77	3/8	757.08	3/8	986.84	3/8	1,226.56	3/8	1,466.23	3/8	1,705.32	3/8	1,944.57	3/8	2,184.28
1/2	55.79	1/2	285.00	1/2	523.74	1/2	761.96	1/2	991.83	1/2	1,231.55	1/2	1,471.21	1/2	1,710.30	1/2	1,949.56	1/2	2,189.28
5/8	60.02	5/8	289.98	5/8	528.71	5/8	766.85	5/8	996.83	5/8	1,236.55	5/8	1,476.20	5/8	1,715.28	5/8	1,954.56	5/8	2,194.27
3/4	64.24	3/4	294.96	3/4	533.68	3/4	771.73	3/4	1,001.82	3/4	1,241.54	3/4	1,481.19	3/4	1,720.26	3/4	1,959.55	3/4	2,199.26
7/8	68.47	7/8	299.93	7/8	538.65	7/8	776.62	7/8	1,006.82	7/8	1,246.54	7/8	1,486.17	7/8	1,725.23	7/8	1,964.55	7/8	2,204.26
3	72.69	9	304.91	3	543.62	9	781.50	3	1,011.81	9	1,251.53	3	1,491.16	9	1,730.21	3	1,969.54	9	2,209.25
1/8	77.44	1/8	309.89	1/8	548.59	1/8	786.24	1/8	1,016.81	1/8	1,256.52	1/8	1,496.15	1/8	1,735.19	1/8	1,974.53	1/8	2,214.25
1/4	82.19	1/4	314.87	1/4	553.56	1/4	790.98	1/4	1,021.80	1/4	1,261.52	1/4	1,501.13	1/4	1,740.17	1/4	1,979.53	1/4	2,219.24
3/8	86.93	3/8	319.84	3/8	558.53	3/8	795.72	3/8	1,026.80	3/8	1,266.51	3/8	1,506.12	3/8	1,745.15	3/8	1,984.52	3/8	2,224.24
1/2	91.68	1/2	324.82	1/2	563.50	1/2	800.46	1/2	1,031.79	1/2	1,271.51	1/2	1,511.11	1/2	1,750.12	1/2	1,989.51	1/2	2,229.23
5/8	96.43	5/8	329.80	5/8	568.47	5/8	805.20	5/8	1,036.79	5/8	1,276.50	5/8	1,516.10	5/8	1,755.10	5/8	1,994.51	5/8	2,234.23
3/4	101.18	3/4	334.78	3/4	573.44	3/4	809.94	3/4	1,041.78	3/4	1,281.49	3/4	1,521.08	3/4	1,760.08	3/4	1,999.50	3/4	2,239.22
7/8	105.92	7/8	339.75	7/8	578.41	7/8	814.68	7/8	1,046.78	7/8	1,286.49	7/8	1,526.07	7/8	1,765.06	7/8	2,004.50	7/8	2,244.22
4	110.67	10	344.73	4	583.38	10	819.42	4	1,051.77	10	1,291.48	4	1,531.06	10	1,770.04	4	2,009.49	10	2,249.21
1/8	115.42	1/8	349.71	1/8	588.35	1/8	824.16	1/8	1,056.76	1/8	1,296.48	1/8	1,536.04	1/8	1,775.02	1/8	2,014.48	1/8	2,254.20
1/4	120.16	1/4	354.69	1/4	593.32	1/4	828.90	1/4	1,061.76	1/4	1,301.47	1/4	1,541.02	1/4	1,780.00	1/4	2,019.48	1/4	2,259.20
3/8	124.91	3/8	359.66	3/8	598.29	3/8	833.64	3/8	1,066.75	3/8	1,306.47	3/8	1,546.01	3/8	1,784.98	3/8	2,024.47	3/8	2,264.19
1/2	129.65	1/2	364.64	1/2	603.26	1/2	838.38	1/2	1,071.74	1/2	1,311.46	1/2	1,550.99	1/2	1,789.96	1/2	2,029.46	1/2	2,269.18
5/8	134.40	5/8	369.62	5/8	608.24	5/8	843.12	5/8	1,076.74	5/8	1,316.45	5/8	1,555.97	5/8	1,794.95	5/8	2,034.46	5/8	2,274.18
3/4	139.15	3/4	374.60	3/4	613.21	3/4	847.86	3/4	1,081.73	3/4	1,321.45	3/4	1,560.95	3/4	1,799.93	3/4	2,039.45	3/4	2,279.17
7/8	143.89	7/8	379.57	7/8	618.18	7/8	852.60	7/8	1,086.73	7/8	1,326.44	7/8	1,565.94	7/8	1,804.91	7/8	2,044.45	7/8	2,284.17
5	148.64	11	384.55	5	623.15	11	857.34	5	1,091.72	11	1,331.44	5	1,570.92	11	1,809.89	5	2,049.44	11	2,289.16
1/8	153.39	1/8	389.52	1/8	628.12	1/8	862.08	1/8	1,096.71	1/8	1,336.43	1/8	1,575.90	1/8	1,814.88	1/8	2,054.43	1/8	2,294.15
1/4	158.13	1/4	394.50	1/4	633.09	1/4	866.82	1/4	1,101.71	1/4	1,341.43	1/4	1,580.87	1/4	1,819.86	1/4	2,059.43	1/4	2,299.15
3/8	162.88	3/8	399.47	3/8	638.06	3/8	871.56	3/8	1,106.70	3/8	1,346.42	3/8	1,585.85	3/8	1,824.85	3/8	2,064.42	3/8	2,304.14
1/2	167.63	1/2	404.44	1/2	643.03	1/2	876.30	1/2	1,111.69	1/2	1,351.41	1/2	1,590.83	1/2	1,829.83	1/2	2,069.42	1/2	2,309.13
5/8	172.38	5/8	409.42	5/8	648.00	5/8	881.04	5/8	1,116.69	5/8	1,356.41	5/8	1,595.81	5/8	1,834.82	5/8	2,074.41	5/8	2,314.13
3/4	177.12	3/4	414.39	3/4	652.97	3/4	885.78	3/4	1,121.68	3/4	1,361.40	3/4	1,600.78	3/4	1,839.81	3/4	2,079.41	3/4	2,319.12
7/8	181.87	7/8	419.37	7/8	657.94	7/8	890.52	7/8	1,126.68	7/8	1,366.40	7/8	1,605.76	7/8	1,844.79	7/8	2,084.40	7/8	2,324.12

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" DIAMETER STANDPIPE

GAUGE POINT: (MANUAL) LOCATED 01'-03" OFF CENTERLINE AND 40'-03" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28751"

4 CENTER INNAGE TABLE

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

FORMERLY "HMS 302"

GAUGE HEIGHT 17'-08 1/4"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	2,329.11	6	2,568.83	0	2,808.55	6	3,048.19	0	3,287.67	6	3,527.38	0	3,767.09	6	4,006.81	0	4,246.52	6	4,486.23
1/8	2,334.10	1/8	2,573.82	1/8	2,813.54	1/8	3,053.18	1/8	3,292.66	1/8	3,532.37	1/8	3,772.08	1/8	4,011.80	1/8	4,251.51	1/8	4,491.22
1/4	2,339.10	1/4	2,578.82	1/4	2,818.54	1/4	3,058.17	1/4	3,297.66	1/4	3,537.37	1/4	3,777.08	1/4	4,016.80	1/4	4,256.51	1/4	4,496.22
3/8	2,344.09	3/8	2,583.81	3/8	2,823.53	3/8	3,063.15	3/8	3,302.65	3/8	3,542.36	3/8	3,782.07	3/8	4,021.79	3/8	4,261.50	3/8	4,501.21
1/2	2,349.09	1/2	2,588.81	1/2	2,828.52	1/2	3,068.14	1/2	3,307.65	1/2	3,547.35	1/2	3,787.07	1/2	4,026.78	1/2	4,266.49	1/2	4,506.20
5/8	2,354.08	5/8	2,593.80	5/8	2,833.52	5/8	3,073.13	5/8	3,312.64	5/8	3,552.35	5/8	3,792.06	5/8	4,031.78	5/8	4,271.49	5/8	4,511.20
3/4	2,359.08	3/4	2,598.79	3/4	2,838.51	3/4	3,078.12	3/4	3,317.63	3/4	3,557.34	3/4	3,797.06	3/4	4,036.77	3/4	4,276.48	3/4	4,516.19
7/8	2,364.07	7/8	2,603.79	7/8	2,843.51	7/8	3,083.10	7/8	3,322.63	7/8	3,562.33	7/8	3,802.05	7/8	4,041.77	7/8	4,281.48	7/8	4,521.19
1	2,369.07	7	2,608.78	1	2,848.50	7	3,088.09	1	3,327.62	7	3,567.33	1	3,807.05	7	4,046.76	1	4,286.47	7	4,526.18
1/8	2,374.06	1/8	2,613.78	1/8	2,853.49	1/8	3,093.08	1/8	3,332.61	1/8	3,572.32	1/8	3,812.04	1/8	4,051.75	1/8	4,291.46	1/8	4,531.17
1/4	2,379.06	1/4	2,618.77	1/4	2,858.49	1/4	3,098.07	1/4	3,337.61	1/4	3,577.32	1/4	3,817.04	1/4	4,056.75	1/4	4,296.46	1/4	4,536.17
3/8	2,384.05	3/8	2,623.77	3/8	2,863.48	3/8	3,103.06	3/8	3,342.60	3/8	3,582.31	3/8	3,822.03	3/8	4,061.74	3/8	4,301.45	3/8	4,541.16
1/2	2,389.04	1/2	2,628.76	1/2	2,868.47	1/2	3,108.04	1/2	3,347.60	1/2	3,587.31	1/2	3,827.02	1/2	4,066.73	1/2	4,306.44	1/2	4,546.15
5/8	2,394.04	5/8	2,633.75	5/8	2,873.47	5/8	3,113.03	5/8	3,352.59	5/8	3,592.30	5/8	3,832.02	5/8	4,071.73	5/8	4,311.44	5/8	4,551.15
3/4	2,399.03	3/4	2,638.75	3/4	2,878.46	3/4	3,118.02	3/4	3,357.58	3/4	3,597.30	3/4	3,837.01	3/4	4,076.72	3/4	4,316.43	3/4	4,556.14
7/8	2,404.03	7/8	2,643.74	7/8	2,883.46	7/8	3,123.01	7/8	3,362.58	7/8	3,602.29	7/8	3,842.01	7/8	4,081.72	7/8	4,321.43	7/8	4,561.13
2	2,409.02	8	2,648.74	2	2,888.45	8	3,128.00	2	3,367.57	8	3,607.29	2	3,847.00	8	4,086.71	2	4,326.42	8	4,566.13
1/8	2,414.01	1/8	2,653.73	1/8	2,893.44	1/8	3,132.99	1/8	3,372.57	1/8	3,612.28	1/8	3,851.99	1/8	4,091.70	1/8	4,331.41	1/8	4,571.12
1/4	2,419.01	1/4	2,658.73	1/4	2,898.44	1/4	3,137.97	1/4	3,377.56	1/4	3,617.28	1/4	3,856.99	1/4	4,096.70	1/4	4,336.41	1/4	4,576.12
3/8	2,424.00	3/8	2,663.72	3/8	2,903.43	3/8	3,142.96	3/8	3,382.56	3/8	3,622.27	3/8	3,861.98	3/8	4,101.69	3/8	4,341.40	3/8	4,581.11
1/2	2,428.99	1/2	2,668.71	1/2	2,908.43	1/2	3,147.95	1/2	3,387.55	1/2	3,627.26	1/2	3,866.97	1/2	4,106.68	1/2	4,346.39	1/2	4,586.11
5/8	2,433.99	5/8	2,673.71	5/8	2,913.42	5/8	3,152.94	5/8	3,392.55	5/8	3,632.26	5/8	3,871.97	5/8	4,111.68	5/8	4,351.39	5/8	4,591.10
3/4	2,438.98	3/4	2,678.70	3/4	2,918.42	3/4	3,157.92	3/4	3,397.54	3/4	3,637.25	3/4	3,876.96	3/4	4,116.67	3/4	4,356.38	3/4	4,596.10
7/8	2,443.98	7/8	2,683.70	7/8	2,923.41	7/8	3,162.91	7/8	3,402.54	7/8	3,642.25	7/8	3,881.96	7/8	4,121.67	7/8	4,361.37	7/8	4,601.09
3	2,448.97	9	2,688.69	3	2,928.41	9	3,167.90	3	3,407.53	9	3,647.24	3	3,886.95	9	4,126.66	3	4,366.37	9	4,606.09
1/8	2,453.96	1/8	2,693.68	1/8	2,933.40	1/8	3,172.89	1/8	3,412.52	1/8	3,652.23	1/8	3,891.94	1/8	4,131.65	1/8	4,371.36	1/8	4,611.07
1/4	2,458.96	1/4	2,698.68	1/4	2,938.40	1/4	3,177.87	1/4	3,417.52	1/4	3,657.23	1/4	3,896.94	1/4	4,136.65	1/4	4,376.36	1/4	4,616.05
3/8	2,463.95	3/8	2,703.67	3/8	2,943.39	3/8	3,182.86	3/8	3,422.51	3/8	3,662.22	3/8	3,901.93	3/8	4,141.64	3/8	4,381.35	3/8	4,621.03
1/2	2,468.94	1/2	2,708.67	1/2	2,948.38	1/2	3,187.85	1/2	3,427.50	1/2	3,667.21	1/2	3,906.92	1/2	4,146.63	1/2	4,386.35	1/2	4,626.01
5/8	2,473.94	5/8	2,713.66	5/8	2,953.38	5/8	3,192.84	5/8	3,432.50	5/8	3,672.21	5/8	3,911.92	5/8	4,151.63	5/8	4,391.34	5/8	4,630.99
3/4	2,478.93	3/4	2,718.65	3/4	2,958.37	3/4	3,197.82	3/4	3,437.49	3/4	3,677.20	3/4	3,916.91	3/4	4,156.62	3/4	4,396.34	3/4	4,635.97
7/8	2,483.93	7/8	2,723.65	7/8	2,963.37	7/8	3,202.81	7/8	3,442.49	7/8	3,682.20	7/8	3,921.91	7/8	4,161.61	7/8	4,401.33	7/8	4,640.95
4	2,488.92	10	2,728.64	4	2,968.36	10	3,207.80	4	3,447.48	10	3,687.19	4	3,926.90	10	4,166.61	4	4,406.33	10	4,645.93
1/8	2,493.91	1/8	2,733.63	1/8	2,973.35	1/8	3,212.79	1/8	3,452.47	1/8	3,692.18	1/8	3,931.89	1/8	4,171.60	1/8	4,411.32	1/8	4,650.89
1/4	2,498.91	1/4	2,738.63	1/4	2,978.34	1/4	3,217.78	1/4	3,457.47	1/4	3,697.18	1/4	3,936.89	1/4	4,176.60	1/4	4,416.32	1/4	4,655.85
3/8	2,503.90	3/8	2,743.62	3/8	2,983.33	3/8	3,222.77	3/8	3,462.46	3/8	3,702.17	3/8	3,941.88	3/8	4,181.59	3/8	4,421.31	3/8	4,660.81
1/2	2,508.90	1/2	2,748.62	1/2	2,988.32	1/2	3,227.76	1/2	3,467.45	1/2	3,707.16	1/2	3,946.87	1/2	4,186.59	1/2	4,426.30	1/2	4,665.77
5/8	2,513.89	5/8	2,753.61	5/8	2,993.32	5/8	3,232.75	5/8	3,472.45	5/8	3,712.16	5/8	3,951.87	5/8	4,191.58	5/8	4,431.30	5/8	4,670.73
3/4	2,518.89	3/4	2,758.60	3/4	2,998.31	3/4	3,237.74	3/4	3,477.44	3/4	3,717.15	3/4	3,956.86	3/4	4,196.58	3/4	4,436.29	3/4	4,675.69
7/8	2,523.88	7/8	2,763.60	7/8	3,003.30	7/8	3,242.73	7/8	3,482.44	7/8	3,722.15	7/8	3,961.85	7/8	4,201.57	7/8	4,441.29	7/8	4,680.65
5	2,528.88	11	2,768.59	5	3,008.29	11	3,247.72	5	3,487.43	11	3,727.14	5	3,966.85	11	4,206.57	5	4,446.28	11	4,685.61
1/8	2,533.87	1/8	2,773.59	1/8	3,013.28	1/8	3,252.71	1/8	3,492.42	1/8	3,732.13	1/8	3,971.84	1/8	4,211.56	1/8	4,451.27	1/8	4,690.57
1/4	2,538.87	1/4	2,778.58	1/4	3,018.27	1/4	3,257.71	1/4	3,497.42	1/4	3,737.13	1/4	3,976.84	1/4	4,216.56	1/4	4,456.27	1/4	4,695.53
3/8	2,543.86	3/8	2,783.58	3/8	3,023.25	3/8	3,262.70	3/8	3,502.41	3/8	3,742.12	3/8	3,981.83	3/8	4,221.55	3/8	4,461.26	3/8	4,700.49
1/2	2,548.85	1/2	2,788.57	1/2	3,028.24	1/2	3,267.69	1/2	3,507.40	1/2	3,747.11	1/2	3,986.83	1/2	4,226.54	1/2	4,466.25	1/2	4,705.44
5/8	2,553.85	5/8	2,793.57	5/8	3,033.23	5/8	3,272.69	5/8	3,512.40	5/8	3,752.11	5/8	3,991.82	5/8	4,231.54	5/8	4,471.25	5/8	4,710.40
3/4	2,558.84	3/4	2,798.56	3/4	3,038.22	3/4	3,277.68	3/4	3,517.39	3/4	3,757.10	3/4	3,996.82	3/4	4,236.53	3/4	4,476.24	3/4	4,715.36
7/8	2,563.84	7/8	2,803.56	7/8	3,043.20	7/8	3,282.68	7/8	3,522.39	7/8	3,762.09	7/8	4,001.81	7/8	4,241.53	7/8	4,481.24	7/8	4,720.32

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& ANALYSIS, INC.

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Pearland, Texas 77588

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BARGE "KIRBY 28751"

4 CENTER INNAGE TABLE

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

FORMERLY "HMS 302"

GAUGE HEIGHT 17'-08 1/4"

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	4,725.28	6	4,963.33	0	5,201.19	6	5,382.33	0	5,502.59	6	5,621.91	0	5,740.51	6	5,859.10	0	5,977.43	6	6,073.41
1/8	4,730.24	1/8	4,968.29	1/8	5,206.14	1/8	5,384.84	1/8	5,505.10	1/8	5,624.38	1/8	5,742.98	1/8	5,861.57	1/8	5,979.89	1/8	6,073.96
1/4	4,735.20	1/4	4,973.25	1/4	5,211.09	1/4	5,387.34	1/4	5,507.60	1/4	5,626.85	1/4	5,745.45	1/4	5,864.04	1/4	5,982.35	1/4	6,074.52
3/8	4,740.16	3/8	4,978.21	3/8	5,216.04	3/8	5,389.85	3/8	5,510.11	3/8	5,629.32	3/8	5,747.92	3/8	5,866.51	3/8	5,984.81	3/8	6,075.07
1/2	4,745.12	1/2	4,983.16	1/2	5,220.99	1/2	5,392.35	1/2	5,512.61	1/2	5,631.79	1/2	5,750.39	1/2	5,868.98	1/2	5,987.27	1/2	6,075.62
5/8	4,750.08	5/8	4,988.12	5/8	5,225.94	5/8	5,394.86	5/8	5,515.12	5/8	5,634.27	5/8	5,752.86	5/8	5,871.46	5/8	5,989.74	5/8	6,076.17
3/4	4,755.04	3/4	4,993.08	3/4	5,230.89	3/4	5,397.37	3/4	5,517.63	3/4	5,636.74	3/4	5,755.33	3/4	5,873.93	3/4	5,992.20	3/4	6,076.73
7/8	4,760.00	7/8	4,998.04	7/8	5,235.84	7/8	5,399.87	7/8	5,520.13	7/8	5,639.21	7/8	5,757.80	7/8	5,876.40	7/8	5,994.66	7/8	6,077.28
1	4,764.96	7	5,003.00	1	5,240.79	7	5,402.38	1	5,522.64	7	5,641.68	1	5,760.27	7	5,878.87	1	5,997.12	7	6,077.83
1/8	4,769.92	1/8	5,007.96	1/8	5,245.74	1/8	5,404.88	1/8	5,525.14	1/8	5,644.15	1/8	5,762.74	1/8	5,881.34	1/8	5,999.59	1/8	6,078.07
1/4	4,774.88	1/4	5,012.92	1/4	5,250.69	1/4	5,407.39	1/4	5,527.65	1/4	5,646.62	1/4	5,765.21	1/4	5,883.81	1/4	6,002.07	1/4	6,078.31
3/8	4,779.84	3/8	5,017.88	3/8	5,255.64	3/8	5,409.89	3/8	5,530.15	3/8	5,649.09	3/8	5,767.68	3/8	5,886.28	3/8	6,004.54	3/8	6,078.55
1/2	4,784.79	1/2	5,022.84	1/2	5,260.58	1/2	5,412.40	1/2	5,532.66	1/2	5,651.56	1/2	5,770.15	1/2	5,888.75	1/2	6,007.01	1/2	6,078.79
5/8	4,789.75	5/8	5,027.80	5/8	5,265.53	5/8	5,414.90	5/8	5,535.16	5/8	5,654.04	5/8	5,772.63	5/8	5,891.22	5/8	6,009.49	5/8	6,079.03
3/4	4,794.71	3/4	5,032.76	3/4	5,270.48	3/4	5,417.41	3/4	5,537.67	3/4	5,656.51	3/4	5,775.10	3/4	5,893.69	3/4	6,011.96	3/4	
7/8	4,799.67	7/8	5,037.72	7/8	5,275.43	7/8	5,419.91	7/8	5,540.17	7/8	5,658.98	7/8	5,777.57	7/8	5,896.16	7/8	6,014.44	7/8	
2	4,804.63	8	5,042.68	2	5,280.38	8	5,422.42	2	5,542.68	8	5,661.45	2	5,780.04	8	5,898.63	2	6,016.91	8	
1/8	4,809.59	1/8	5,047.64	1/8	5,284.86	1/8	5,424.92	1/8	5,545.17	1/8	5,663.92	1/8	5,782.51	1/8	5,901.10	1/8	6,019.31	1/8	
1/4	4,814.55	1/4	5,052.60	1/4	5,289.34	1/4	5,427.43	1/4	5,547.66	1/4	5,666.39	1/4	5,784.98	1/4	5,903.57	1/4	6,021.71	1/4	
3/8	4,819.51	3/8	5,057.56	3/8	5,293.82	3/8	5,429.93	3/8	5,550.16	3/8	5,668.86	3/8	5,787.45	3/8	5,906.03	3/8	6,024.11	3/8	
1/2	4,824.47	1/2	5,062.51	1/2	5,298.30	1/2	5,432.44	1/2	5,552.65	1/2	5,671.33	1/2	5,789.92	1/2	5,908.50	1/2	6,026.51	1/2	
5/8	4,829.43	5/8	5,067.47	5/8	5,302.79	5/8	5,434.94	5/8	5,555.14	5/8	5,673.80	5/8	5,792.39	5/8	5,910.97	5/8	6,028.92	5/8	
3/4	4,834.39	3/4	5,072.43	3/4	5,307.27	3/4	5,437.45	3/4	5,557.63	3/4	5,676.27	3/4	5,794.86	3/4	5,913.44	3/4	6,031.32	3/4	
7/8	4,839.35	7/8	5,077.39	7/8	5,311.75	7/8	5,439.95	7/8	5,560.13	7/8	5,678.74	7/8	5,797.33	7/8	5,915.90	7/8	6,033.72	7/8	
3	4,844.31	9	5,082.35	3	5,316.23	9	5,442.46	3	5,562.62	9	5,681.21	3	5,799.80	9	5,918.37	3	6,036.12	9	
1/8	4,849.27	1/8	5,087.31	1/8	5,319.48	1/8	5,444.97	1/8	5,565.09	1/8	5,683.68	1/8	5,802.27	1/8	5,920.83	1/8	6,038.17	1/8	
1/4	4,854.23	1/4	5,092.26	1/4	5,322.74	1/4	5,447.47	1/4	5,567.56	1/4	5,686.15	1/4	5,804.74	1/4	5,923.29	1/4	6,040.23	1/4	
3/8	4,859.19	3/8	5,097.22	3/8	5,325.99	3/8	5,449.98	3/8	5,570.03	3/8	5,688.62	3/8	5,807.21	3/8	5,925.75	3/8	6,042.28	3/8	
1/2	4,864.14	1/2	5,102.17	1/2	5,329.24	1/2	5,452.48	1/2	5,572.50	1/2	5,691.09	1/2	5,809.68	1/2	5,928.21	1/2	6,044.33	1/2	
5/8	4,869.10	5/8	5,107.13	5/8	5,332.49	5/8	5,454.99	5/8	5,574.97	5/8	5,693.57	5/8	5,812.16	5/8	5,930.68	5/8	6,046.39	5/8	
3/4	4,874.06	3/4	5,112.09	3/4	5,335.75	3/4	5,457.50	3/4	5,577.44	3/4	5,696.04	3/4	5,814.63	3/4	5,933.14	3/4	6,048.44	3/4	
7/8	4,879.02	7/8	5,117.04	7/8	5,339.00	7/8	5,460.00	7/8	5,579.91	7/8	5,698.51	7/8	5,817.10	7/8	5,935.60	7/8	6,050.50	7/8	
4	4,883.98	10	5,122.00	4	5,342.25	10	5,462.51	4	5,582.38	10	5,700.98	4	5,819.57	10	5,938.06	4	6,052.55	10	
1/8	4,888.94	1/8	5,126.95	1/8	5,344.76	1/8	5,465.02	1/8	5,584.85	1/8	5,703.45	1/8	5,822.04	1/8	5,940.52	1/8	6,054.10	1/8	
1/4	4,893.90	1/4	5,131.90	1/4	5,347.26	1/4	5,467.52	1/4	5,587.32	1/4	5,705.92	1/4	5,824.51	1/4	5,942.98	1/4	6,055.66	1/4	
3/8	4,898.86	3/8	5,136.85	3/8	5,349.77	3/8	5,470.03	3/8	5,589.79	3/8	5,708.39	3/8	5,826.98	3/8	5,945.44	3/8	6,057.21	3/8	
1/2	4,903.81	1/2	5,141.79	1/2	5,352.27	1/2	5,472.53	1/2	5,592.26	1/2	5,710.86	1/2	5,829.46	1/2	5,947.90	1/2	6,058.76	1/2	
5/8	4,908.77	5/8	5,146.74	5/8	5,354.78	5/8	5,475.04	5/8	5,594.74	5/8	5,713.33	5/8	5,831.93	5/8	5,950.37	5/8	6,060.32	5/8	
3/4	4,913.73	3/4	5,151.69	3/4	5,357.28	3/4	5,477.54	3/4	5,597.21	3/4	5,715.80	3/4	5,834.40	3/4	5,952.83	3/4	6,061.87	3/4	
7/8	4,918.69	7/8	5,156.64	7/8	5,359.79	7/8	5,480.05	7/8	5,599.68	7/8	5,718.27	7/8	5,836.87	7/8	5,955.29	7/8	6,063.43	7/8	
5	4,923.65	11	5,161.59	5	5,362.29	11	5,482.55	5	5,602.15	11	5,720.74	5	5,839.34	11	5,957.75	5	6,064.98	11	
1/8	4,928.61	1/8	5,166.54	1/8	5,364.80	1/8	5,485.06	1/8	5,604.62	1/8	5,723.21	1/8	5,841.81	1/8	5,960.21	1/8	6,066.03	1/8	
1/4	4,933.57	1/4	5,171.49	1/4	5,367.30	1/4	5,487.56	1/4	5,607.09	1/4	5,725.68	1/4	5,844.28	1/4	5,962.67	1/4	6,067.09	1/4	
3/8	4,938.53	3/8	5,176.44	3/8	5,369.81	3/8	5,490.07	3/8	5,609.56	3/8	5,728.15	3/8	5,846.75	3/8	5,965.13	3/8	6,068.14	3/8	
1/2	4,943.49	1/2	5,181.39	1/2	5,372.31	1/2	5,492.57	1/2	5,612.03	1/2	5,730.62	1/2	5,849.22	1/2	5,967.59	1/2	6,069.19	1/2	
5/8	4,948.45	5/8	5,186.34	5/8	5,374.82	5/8	5,495.08	5/8	5,614.50	5/8	5,733.10	5/8	5,851.69	5/8	5,970.05	5/8	6,070.25	5/8	
3/4	4,953.41	3/4	5,191.29	3/4	5,377.32	3/4	5,497.58	3/4	5,616.97	3/4	5,735.57	3/4	5,854.16	3/4	5,972.51	3/4	6,071.30	3/4	
7/8	4,958.37	7/8	5,196.24	7/8	5,379.83	7/8	5,500.09	7/8	5,619.44	7/8	5,738.04	7/8	5,856.63	7/8	5,974.97	7/8	6,072.36	7/8	

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CANCELS AND SUPERCEDES
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BARGE "KIRBY 28751"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 3'-09"

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	3,837	0	7,674	0	11,511	0		0		0		0		0		0	
1/4	80	1/4	3,917	1/4	7,754	1/4	11,591	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160	1/2	3,997	1/2	7,834	1/2	11,671	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	240	3/4	4,077	3/4	7,914	3/4	11,751	3/4		3/4		3/4		3/4		3/4		3/4	
1	320	1	4,157	1	7,994	1	11,830	1		1		1		1		1		1	
1/4	400	1/4	4,237	1/4	8,074	1/4	11,910	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	480	1/2	4,317	1/2	8,153	1/2	11,990	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	560	3/4	4,396	3/4	8,233	3/4	12,070	3/4		3/4		3/4		3/4		3/4		3/4	
2	639	2	4,476	2	8,313	2	12,150	2		2		2		2		2		2	
1/4	719	1/4	4,556	1/4	8,393	1/4	12,230	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	799	1/2	4,636	1/2	8,473	1/2	12,310	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	879	3/4	4,716	3/4	8,553	3/4	12,390	3/4		3/4		3/4		3/4		3/4		3/4	
3	959	3	4,796	3	8,633	3	12,470	3		3		3		3		3		3	
1/4	1,039	1/4	4,876	1/4	8,713	1/4	12,550	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,119	1/2	4,956	1/2	8,793	1/2	12,630	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,199	3/4	5,036	3/4	8,873	3/4	12,710	3/4		3/4		3/4		3/4		3/4		3/4	
4	1,279	4	5,116	4	8,953	4	12,790	4		4		4		4		4		4	
1/4	1,359	1/4	5,196	1/4	9,033	1/4	12,870	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,439	1/2	5,276	1/2	9,113	1/2	12,950	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,519	3/4	5,356	3/4	9,193	3/4	13,030	3/4		3/4		3/4		3/4		3/4		3/4	
5	1,599	5	5,436	5	9,273	5	13,109	5		5		5		5		5		5	
1/4	1,679	1/4	5,516	1/4	9,352	1/4	13,189	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,759	1/2	5,595	1/2	9,432	1/2	13,269	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,839	3/4	5,675	3/4	9,512	3/4	13,349	3/4		3/4		3/4		3/4		3/4		3/4	
6	1,918	6	5,755	6	9,592	6	13,429	6		6		6		6		6		6	
1/4	1,998	1/4	5,835	1/4	9,672	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,078	1/2	5,915	1/2	9,752	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,158	3/4	5,995	3/4	9,832	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	2,238	7	6,075	7	9,912	7		7		7		7		7		7		7	
1/4	2,318	1/4	6,155	1/4	9,992	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,398	1/2	6,235	1/2	10,072	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,478	3/4	6,315	3/4	10,152	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	2,558	8	6,395	8	10,232	8		8		8		8		8		8		8	
1/4	2,638	1/4	6,475	1/4	10,312	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,718	1/2	6,555	1/2	10,392	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,798	3/4	6,635	3/4	10,472	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	2,878	9	6,715	9	10,552	9		9		9		9		9		9		9	
1/4	2,958	1/4	6,795	1/4	10,631	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,038	1/2	6,874	1/2	10,711	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,117	3/4	6,954	3/4	10,791	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,197	10	7,034	10	10,871	10		10		10		10		10		10		10	
1/4	3,277	1/4	7,114	1/4	10,951	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,357	1/2	7,194	1/2	11,031	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,437	3/4	7,274	3/4	11,111	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,517	11	7,354	11	11,191	11		11		11		11		11		11		11	
1/4	3,597	1/4	7,434	1/4	11,271	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,677	1/2	7,514	1/2	11,351	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,757	3/4	7,594	3/4	11,431	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

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

STRAPPED: 03/05/2020 JS
CALCULATED: 03/05/2020 CL
PRINTED: 03/05/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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