

BARGE "KIRBY 28750"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 4 CENTER IS 01-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 4 CENTER, THE TRIM CORRECTED INNAGE IS 4'-01 1/8"

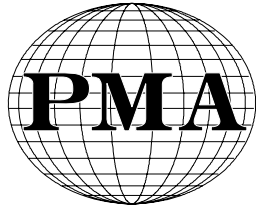
LENGTH BETWEEN DRAFT MARKS: 234'-00"

April 30, 2020

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28750"

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	00-0/8	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 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	- 04-1/8	04-1/8	- 04-3/4	04-3/4	- 05-1/4	05-1/4	- 05-7/8	05-7/8	- 06-1/2	06-1/2	- 07-1/8	07-1/8

(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)

LENGTH BETWEEN DRAFT MARKS: 234'-00"

April 30, 2020

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THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 4 CENTER IS 01-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 4 CENTER, THE TRIM CORRECTED INNAGE IS 4'-01 1/8"



BARGE "KIRBY 28750"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HMS 301"

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	2.56	6	155.62	0	372.75	6	610.39	0	859.95	6	1,119.68	0	1,383.00	6	1,646.32	0	1,909.65	6	2,172.97
1/8	3.77	1/8	159.85	1/8	377.53	1/8	615.57	1/8	865.16	1/8	1,125.17	1/8	1,388.49	1/8	1,651.81	1/8	1,915.14	1/8	2,178.46
1/4	4.98	1/4	164.07	1/4	382.32	1/4	620.76	1/4	870.37	1/4	1,130.65	1/4	1,393.97	1/4	1,657.29	1/4	1,920.62	1/4	2,183.94
3/8	6.19	3/8	168.30	3/8	387.10	3/8	625.94	3/8	875.58	3/8	1,136.14	3/8	1,399.46	3/8	1,662.78	3/8	1,926.11	3/8	2,189.43
1/2	7.39	1/2	172.52	1/2	391.88	1/2	631.13	1/2	880.78	1/2	1,141.62	1/2	1,404.95	1/2	1,668.26	1/2	1,931.60	1/2	2,194.91
5/8	8.60	5/8	176.75	5/8	396.67	5/8	636.31	5/8	885.99	5/8	1,147.11	5/8	1,410.43	5/8	1,673.75	5/8	1,937.08	5/8	2,200.40
3/4	9.81	3/4	180.97	3/4	401.45	3/4	641.50	3/4	891.20	3/4	1,152.60	3/4	1,415.92	3/4	1,679.24	3/4	1,942.57	3/4	2,205.89
7/8	11.02	7/8	185.20	7/8	406.24	7/8	646.68	7/8	896.41	7/8	1,158.08	7/8	1,421.40	7/8	1,684.72	7/8	1,948.05	7/8	2,211.37
1	12.23	7	189.42	1	411.02	7	651.87	1	901.62	7	1,163.57	1	1,426.89	7	1,690.21	1	1,953.54	7	2,216.86
1/8	14.72	1/8	193.87	1/8	415.87	1/8	657.12	1/8	906.93	1/8	1,169.05	1/8	1,432.38	1/8	1,695.70	1/8	1,959.03	1/8	2,222.35
1/4	17.20	1/4	198.32	1/4	420.72	1/4	662.37	1/4	912.25	1/4	1,174.54	1/4	1,437.86	1/4	1,701.18	1/4	1,964.51	1/4	2,227.83
3/8	19.69	3/8	202.77	3/8	425.57	3/8	667.63	3/8	917.56	3/8	1,180.02	3/8	1,443.35	3/8	1,706.67	3/8	1,970.00	3/8	2,233.32
1/2	22.17	1/2	207.21	1/2	430.42	1/2	672.88	1/2	922.87	1/2	1,185.51	1/2	1,448.84	1/2	1,712.15	1/2	1,975.48	1/2	2,238.80
5/8	24.66	5/8	211.66	5/8	435.27	5/8	678.13	5/8	928.19	5/8	1,190.99	5/8	1,454.32	5/8	1,717.64	5/8	1,980.97	5/8	2,244.29
3/4	27.15	3/4	216.11	3/4	440.12	3/4	683.38	3/4	933.50	3/4	1,196.48	3/4	1,459.81	3/4	1,723.13	3/4	1,986.45	3/4	2,249.78
7/8	29.63	7/8	220.56	7/8	444.97	7/8	688.64	7/8	938.82	7/8	1,201.96	7/8	1,465.29	7/8	1,728.61	7/8	1,991.94	7/8	2,255.26
2	32.12	8	225.01	2	449.82	8	693.89	2	944.13	8	1,207.45	2	1,470.78	8	1,734.10	2	1,997.42	8	2,260.75
1/8	35.57	1/8	229.53	1/8	454.74	1/8	699.11	1/8	949.62	1/8	1,212.94	1/8	1,476.27	1/8	1,739.59	1/8	2,002.91	1/8	2,266.23
1/4	39.02	1/4	234.04	1/4	459.66	1/4	704.34	1/4	955.10	1/4	1,218.42	1/4	1,481.75	1/4	1,745.07	1/4	2,008.39	1/4	2,271.72
3/8	42.47	3/8	238.56	3/8	464.57	3/8	709.56	3/8	960.59	3/8	1,223.91	3/8	1,487.24	3/8	1,750.56	3/8	2,013.88	3/8	2,277.20
1/2	45.92	1/2	243.07	1/2	469.49	1/2	714.79	1/2	966.07	1/2	1,229.39	1/2	1,492.72	1/2	1,756.04	1/2	2,019.36	1/2	2,282.69
5/8	49.38	5/8	247.59	5/8	474.41	5/8	720.01	5/8	971.56	5/8	1,234.88	5/8	1,498.21	5/8	1,761.53	5/8	2,024.85	5/8	2,288.17
3/4	52.83	3/4	252.11	3/4	479.33	3/4	725.24	3/4	977.05	3/4	1,240.37	3/4	1,503.69	3/4	1,767.02	3/4	2,030.34	3/4	2,293.66
7/8	56.28	7/8	256.62	7/8	484.24	7/8	730.46	7/8	982.53	7/8	1,245.85	7/8	1,509.18	7/8	1,772.50	7/8	2,035.82	7/8	2,299.14
3	59.73	9	261.14	3	489.16	9	735.69	3	988.02	9	1,251.34	3	1,514.66	9	1,777.99	3	2,041.31	9	2,304.63
1/8	63.66	1/8	265.72	1/8	494.14	1/8	740.82	1/8	993.51	1/8	1,256.83	1/8	1,520.15	1/8	1,783.47	1/8	2,046.80	1/8	2,310.12
1/4	67.59	1/4	270.31	1/4	499.13	1/4	745.96	1/4	998.99	1/4	1,262.31	1/4	1,525.63	1/4	1,788.96	1/4	2,052.28	1/4	2,315.60
3/8	71.52	3/8	274.89	3/8	504.11	3/8	751.09	3/8	1,004.48	3/8	1,267.80	3/8	1,531.12	3/8	1,794.44	3/8	2,057.77	3/8	2,321.09
1/2	75.44	1/2	279.47	1/2	509.09	1/2	756.22	1/2	1,009.96	1/2	1,273.29	1/2	1,536.60	1/2	1,799.93	1/2	2,063.25	1/2	2,326.57
5/8	79.37	5/8	284.06	5/8	514.08	5/8	761.36	5/8	1,015.45	5/8	1,278.77	5/8	1,542.09	5/8	1,805.41	5/8	2,068.74	5/8	2,332.06
3/4	83.30	3/4	288.64	3/4	519.06	3/4	766.49	3/4	1,020.93	3/4	1,284.26	3/4	1,547.58	3/4	1,810.90	3/4	2,074.23	3/4	2,337.55
7/8	87.23	7/8	293.23	7/8	524.05	7/8	771.63	7/8	1,026.42	7/8	1,289.74	7/8	1,553.06	7/8	1,816.38	7/8	2,079.71	7/8	2,343.03
4	91.16	10	297.81	4	529.03	10	776.76	4	1,031.90	10	1,295.23	4	1,558.55	10	1,821.87	4	2,085.20	10	2,348.52
1/8	95.16	1/8	302.46	1/8	534.08	1/8	781.95	1/8	1,037.39	1/8	1,300.72	1/8	1,564.04	1/8	1,827.36	1/8	2,090.68	1/8	2,354.01
1/4	99.15	1/4	307.11	1/4	539.13	1/4	787.14	1/4	1,042.87	1/4	1,306.20	1/4	1,569.52	1/4	1,832.84	1/4	2,096.17	1/4	2,359.49
3/8	103.15	3/8	311.76	3/8	544.18	3/8	792.33	3/8	1,048.36	3/8	1,311.69	3/8	1,575.01	3/8	1,838.33	3/8	2,101.65	3/8	2,364.98
1/2	107.14	1/2	316.41	1/2	549.23	1/2	797.51	1/2	1,053.84	1/2	1,317.17	1/2	1,580.49	1/2	1,843.81	1/2	2,107.14	1/2	2,370.47
5/8	111.14	5/8	321.06	5/8	554.29	5/8	802.70	5/8	1,059.33	5/8	1,322.65	5/8	1,585.98	5/8	1,849.30	5/8	2,112.62	5/8	2,375.95
3/4	115.13	3/4	325.71	3/4	559.34	3/4	807.89	3/4	1,064.82	3/4	1,328.14	3/4	1,591.47	3/4	1,854.79	3/4	2,118.11	3/4	2,381.44
7/8	119.13	7/8	330.36	7/8	564.39	7/8	813.08	7/8	1,070.30	7/8	1,333.62	7/8	1,596.95	7/8	1,860.27	7/8	2,123.59	7/8	2,386.92
5	123.12	11	335.01	5	569.44	11	818.27	5	1,075.79	11	1,339.11	5	1,602.44	11	1,865.76	5	2,129.08	11	2,392.41
1/8	127.18	1/8	339.73	1/8	574.56	1/8	823.48	1/8	1,081.28	1/8	1,344.60	1/8	1,607.92	1/8	1,871.25	1/8	2,134.57	1/8	2,397.90
1/4	131.25	1/4	344.44	1/4	579.68	1/4	828.69	1/4	1,086.76	1/4	1,350.08	1/4	1,613.41	1/4	1,876.73	1/4	2,140.05	1/4	2,403.38
3/8	135.31	3/8	349.16	3/8	584.80	3/8	833.90	3/8	1,092.25	3/8	1,355.57	3/8	1,618.89	3/8	1,882.22	3/8	2,145.54	3/8	2,408.87
1/2	139.37	1/2	353.88	1/2	589.91	1/2	839.11	1/2	1,097.73	1/2	1,361.05	1/2	1,624.38	1/2	1,887.71	1/2	2,151.02	1/2	2,414.35
5/8	143.43	5/8	358.60	5/8	595.03	5/8	844.32	5/8	1,103.22	5/8	1,366.54	5/8	1,629.86	5/8	1,893.19	5/8	2,156.51	5/8	2,419.83
3/4	147.50	3/4	363.31	3/4	600.15	3/4	849.53	3/4	1,108.71	3/4	1,372.03	3/4	1,635.35	3/4	1,898.68	3/4	2,162.00	3/4	2,425.32
7/8	151.56	7/8	368.03	7/8	605.27	7/8	854.74	7/8	1,114.19	7/8	1,377.51	7/8	1,640.83	7/8	1,904.16	7/8	2,167.48	7/8	2,430.80

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 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 28750"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HMS 301"

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	2,436.29	6	2,699.62	0	2,962.94	6	3,226.19	0	3,489.27	6	3,752.59	0	4,015.91	6	4,279.23	0	4,542.55	6	4,805.86
1/8	2,441.78	1/8	2,705.10	1/8	2,968.43	1/8	3,231.67	1/8	3,494.76	1/8	3,758.08	1/8	4,021.39	1/8	4,284.72	1/8	4,548.04	1/8	4,811.35
1/4	2,447.26	1/4	2,710.59	1/4	2,973.91	1/4	3,237.15	1/4	3,500.24	1/4	3,763.56	1/4	4,026.88	1/4	4,290.20	1/4	4,553.52	1/4	4,816.83
3/8	2,452.75	3/8	2,716.07	3/8	2,979.40	3/8	3,242.63	3/8	3,505.73	3/8	3,769.05	3/8	4,032.36	3/8	4,295.69	3/8	4,559.01	3/8	4,822.32
1/2	2,458.23	1/2	2,721.56	1/2	2,984.89	1/2	3,248.11	1/2	3,511.21	1/2	3,774.53	1/2	4,037.85	1/2	4,301.17	1/2	4,564.49	1/2	4,827.80
5/8	2,463.72	5/8	2,727.04	5/8	2,990.37	5/8	3,253.59	5/8	3,516.70	5/8	3,780.02	5/8	4,043.33	5/8	4,306.65	5/8	4,569.97	5/8	4,833.29
3/4	2,469.21	3/4	2,732.53	3/4	2,995.86	3/4	3,259.07	3/4	3,522.19	3/4	3,785.51	3/4	4,048.82	3/4	4,312.14	3/4	4,575.46	3/4	4,838.78
7/8	2,474.69	7/8	2,738.01	7/8	3,001.34	7/8	3,264.55	7/8	3,527.67	7/8	3,790.99	7/8	4,054.30	7/8	4,317.62	7/8	4,580.94	7/8	4,844.26
1	2,480.18	7	2,743.50	1	3,006.83	7	3,270.03	1	3,533.16	7	3,796.48	1	4,059.79	7	4,323.11	1	4,586.43	7	4,849.75
1/8	2,485.67	1/8	2,748.99	1/8	3,012.32	1/8	3,275.51	1/8	3,538.64	1/8	3,801.96	1/8	4,065.28	1/8	4,328.60	1/8	4,591.92	1/8	4,855.24
1/4	2,491.15	1/4	2,754.47	1/4	3,017.80	1/4	3,280.99	1/4	3,544.13	1/4	3,807.45	1/4	4,070.76	1/4	4,334.08	1/4	4,597.40	1/4	4,860.72
3/8	2,496.64	3/8	2,759.96	3/8	3,023.29	3/8	3,286.47	3/8	3,549.61	3/8	3,812.93	3/8	4,076.25	3/8	4,339.57	3/8	4,602.89	3/8	4,866.21
1/2	2,502.13	1/2	2,765.44	1/2	3,028.78	1/2	3,291.94	1/2	3,555.10	1/2	3,818.42	1/2	4,081.73	1/2	4,345.05	1/2	4,608.37	1/2	4,871.69
5/8	2,507.61	5/8	2,770.93	5/8	3,034.26	5/8	3,297.42	5/8	3,560.58	5/8	3,823.90	5/8	4,087.22	5/8	4,350.54	5/8	4,613.86	5/8	4,877.18
3/4	2,513.10	3/4	2,776.42	3/4	3,039.75	3/4	3,302.90	3/4	3,566.07	3/4	3,829.39	3/4	4,092.71	3/4	4,356.03	3/4	4,619.35	3/4	4,882.67
7/8	2,518.58	7/8	2,781.90	7/8	3,045.23	7/8	3,308.38	7/8	3,571.55	7/8	3,834.87	7/8	4,098.19	7/8	4,361.51	7/8	4,624.83	7/8	4,888.15
2	2,524.07	8	2,787.39	2	3,050.72	8	3,313.86	2	3,577.04	8	3,840.36	2	4,103.68	8	4,367.00	2	4,630.32	8	4,893.64
1/8	2,529.56	1/8	2,792.88	1/8	3,056.21	1/8	3,319.34	1/8	3,582.53	1/8	3,845.85	1/8	4,109.17	1/8	4,372.49	1/8	4,635.80	1/8	4,899.12
1/4	2,535.04	1/4	2,798.36	1/4	3,061.69	1/4	3,324.82	1/4	3,588.01	1/4	3,851.33	1/4	4,114.65	1/4	4,377.97	1/4	4,641.29	1/4	4,904.61
3/8	2,540.53	3/8	2,803.85	3/8	3,067.18	3/8	3,330.30	3/8	3,593.50	3/8	3,856.82	3/8	4,120.14	3/8	4,383.46	3/8	4,646.77	3/8	4,910.09
1/2	2,546.02	1/2	2,809.33	1/2	3,072.66	1/2	3,335.78	1/2	3,598.98	1/2	3,862.30	1/2	4,125.63	1/2	4,388.95	1/2	4,652.26	1/2	4,915.58
5/8	2,551.50	5/8	2,814.82	5/8	3,078.15	5/8	3,341.26	5/8	3,604.47	5/8	3,867.79	5/8	4,131.11	5/8	4,394.43	5/8	4,657.74	5/8	4,921.06
3/4	2,556.99	3/4	2,820.31	3/4	3,083.63	3/4	3,346.74	3/4	3,609.96	3/4	3,873.28	3/4	4,136.60	3/4	4,399.92	3/4	4,663.23	3/4	4,926.55
7/8	2,562.47	7/8	2,825.79	7/8	3,089.12	7/8	3,352.22	7/8	3,615.44	7/8	3,878.76	7/8	4,142.08	7/8	4,405.40	7/8	4,668.71	7/8	4,932.03
3	2,567.96	9	2,831.28	3	3,094.60	9	3,357.70	3	3,620.93	9	3,884.25	3	4,147.57	9	4,410.89	3	4,674.20	9	4,937.52
1/8	2,573.45	1/8	2,836.77	1/8	3,100.09	1/8	3,363.18	1/8	3,626.42	1/8	3,889.74	1/8	4,153.06	1/8	4,416.38	1/8	4,679.69	1/8	4,943.01
1/4	2,578.93	1/4	2,842.25	1/4	3,105.57	1/4	3,368.66	1/4	3,631.90	1/4	3,895.22	1/4	4,158.54	1/4	4,421.86	1/4	4,685.17	1/4	4,948.49
3/8	2,584.42	3/8	2,847.74	3/8	3,111.06	3/8	3,374.14	3/8	3,637.39	3/8	3,900.71	3/8	4,164.03	3/8	4,427.35	3/8	4,690.66	3/8	4,953.98
1/2	2,589.90	1/2	2,853.22	1/2	3,116.54	1/2	3,379.61	1/2	3,642.87	1/2	3,906.19	1/2	4,169.51	1/2	4,432.83	1/2	4,696.14	1/2	4,959.46
5/8	2,595.39	5/8	2,858.71	5/8	3,122.03	5/8	3,385.09	5/8	3,648.36	5/8	3,911.68	5/8	4,174.99	5/8	4,438.31	5/8	4,701.63	5/8	4,964.95
3/4	2,600.87	3/4	2,864.20	3/4	3,127.52	3/4	3,390.57	3/4	3,653.85	3/4	3,917.17	3/4	4,180.48	3/4	4,443.80	3/4	4,707.12	3/4	4,970.44
7/8	2,606.36	7/8	2,869.68	7/8	3,133.00	7/8	3,396.05	7/8	3,659.33	7/8	3,922.65	7/8	4,185.96	7/8	4,449.28	7/8	4,712.60	7/8	4,975.92
4	2,611.84	10	2,875.17	4	3,138.49	10	3,401.53	4	3,664.82	10	3,928.14	4	4,191.45	10	4,454.77	4	4,718.09	10	4,981.41
1/8	2,617.33	1/8	2,880.65	1/8	3,143.97	1/8	3,407.01	1/8	3,670.30	1/8	3,933.62	1/8	4,196.94	1/8	4,460.26	1/8	4,723.58	1/8	4,986.90
1/4	2,622.81	1/4	2,886.14	1/4	3,149.46	1/4	3,412.49	1/4	3,675.79	1/4	3,939.11	1/4	4,202.42	1/4	4,465.74	1/4	4,729.06	1/4	4,992.38
3/8	2,628.30	3/8	2,891.62	3/8	3,154.94	3/8	3,417.98	3/8	3,681.27	3/8	3,944.59	3/8	4,207.91	3/8	4,471.23	3/8	4,734.55	3/8	4,997.87
1/2	2,633.78	1/2	2,897.11	1/2	3,160.42	1/2	3,423.46	1/2	3,686.76	1/2	3,950.08	1/2	4,213.39	1/2	4,476.71	1/2	4,740.03	1/2	5,003.35
5/8	2,639.27	5/8	2,902.59	5/8	3,165.91	5/8	3,428.94	5/8	3,692.24	5/8	3,955.56	5/8	4,218.88	5/8	4,482.20	5/8	4,745.52	5/8	5,008.84
3/4	2,644.76	3/4	2,908.08	3/4	3,171.39	3/4	3,434.42	3/4	3,697.73	3/4	3,961.05	3/4	4,224.37	3/4	4,487.69	3/4	4,751.01	3/4	5,014.33
7/8	2,650.24	7/8	2,913.56	7/8	3,176.88	7/8	3,439.91	7/8	3,703.21	7/8	3,966.53	7/8	4,229.85	7/8	4,493.17	7/8	4,756.49	7/8	5,019.81
5	2,655.73	11	2,919.05	5	3,182.36	11	3,445.39	5	3,708.70	11	3,972.02	5	4,235.34	11	4,498.66	5	4,761.98	11	5,025.30
1/8	2,661.22	1/8	2,924.54	1/8	3,187.84	1/8	3,450.87	1/8	3,714.19	1/8	3,977.51	1/8	4,240.83	1/8	4,504.15	1/8	4,767.46	1/8	5,030.78
1/4	2,666.70	1/4	2,930.02	1/4	3,193.32	1/4	3,456.36	1/4	3,719.67	1/4	3,982.99	1/4	4,246.31	1/4	4,509.63	1/4	4,772.95	1/4	5,036.27
3/8	2,672.19	3/8	2,935.51	3/8	3,198.80	3/8	3,461.84	3/8	3,725.16	3/8	3,988.48	3/8	4,251.80	3/8	4,515.12	3/8	4,778.43	3/8	5,041.75
1/2	2,677.67	1/2	2,940.99	1/2	3,204.27	1/2	3,467.33	1/2	3,730.64	1/2	3,993.96	1/2	4,257.29	1/2	4,520.61	1/2	4,783.92	1/2	5,047.24
5/8	2,683.16	5/8	2,946.48	5/8	3,209.75	5/8	3,472.81	5/8	3,736.13	5/8	3,999.45	5/8	4,262.77	5/8	4,526.09	5/8	4,789.40	5/8	5,052.72
3/4	2,688.65	3/4	2,951.97	3/4	3,215.23	3/4	3,478.30	3/4	3,741.62	3/4	4,004.94	3/4	4,268.26	3/4	4,531.58	3/4	4,794.89	3/4	5,058.21
7/8	2,694.13	7/8	2,957.45	7/8	3,220.71	7/8	3,483.78	7/8	3,747.10	7/8	4,010.42	7/8	4,273.74	7/8	4,537.06	7/8	4,800.37	7/8	5,063.69

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BARGE "KIRBY 28750"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HMS 301"

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	5,069.18	6	5,332.50	0	5,595.82	6	5,859.14	0	6,122.46	6	6,383.90	0	6,643.89	6	6,903.87	0	7,163.28	6	7,373.65
1/8	5,074.67	1/8	5,337.99	1/8	5,601.31	1/8	5,864.62	1/8	6,127.94	1/8	6,389.32	1/8	6,649.31	1/8	6,909.28	1/8	7,168.67	1/8	7,374.86
1/4	5,080.15	1/4	5,343.47	1/4	5,606.79	1/4	5,870.11	1/4	6,133.43	1/4	6,394.73	1/4	6,654.72	1/4	6,914.70	1/4	7,174.07	1/4	7,376.07
3/8	5,085.64	3/8	5,348.96	3/8	5,612.28	3/8	5,875.59	3/8	6,138.91	3/8	6,400.15	3/8	6,660.14	3/8	6,920.12	3/8	7,179.46	3/8	7,377.28
1/2	5,091.12	1/2	5,354.45	1/2	5,617.77	1/2	5,881.08	1/2	6,144.40	1/2	6,405.57	1/2	6,665.55	1/2	6,925.54	1/2	7,184.86	1/2	7,378.49
5/8	5,096.61	5/8	5,359.93	5/8	5,623.25	5/8	5,886.56	5/8	6,149.88	5/8	6,410.98	5/8	6,670.97	5/8	6,930.96	5/8	7,190.25	5/8	7,379.71
3/4	5,102.10	3/4	5,365.42	3/4	5,628.74	3/4	5,892.05	3/4	6,155.37	3/4	6,416.40	3/4	6,676.39	3/4	6,936.37	3/4	7,195.65	3/4	7,380.92
7/8	5,107.58	7/8	5,370.90	7/8	5,634.22	7/8	5,897.53	7/8	6,160.85	7/8	6,421.81	7/8	6,681.80	7/8	6,941.79	7/8	7,201.04	7/8	7,382.13
1	5,113.07	7	5,376.39	1	5,639.71	7	5,903.02	1	6,166.34	7	6,427.23	1	6,687.22	7	6,947.21	1	7,206.44	7	7,383.34
1/8	5,118.55	1/8	5,381.88	1/8	5,645.20	1/8	5,908.51	1/8	6,171.83	1/8	6,432.65	1/8	6,692.64	1/8	6,952.63	1/8	7,211.86	1/8	7,383.87
1/4	5,124.04	1/4	5,387.36	1/4	5,650.68	1/4	5,913.99	1/4	6,177.31	1/4	6,438.06	1/4	6,698.05	1/4	6,958.04	1/4	7,217.28	1/4	7,384.39
3/8	5,129.52	3/8	5,392.85	3/8	5,656.17	3/8	5,919.48	3/8	6,182.80	3/8	6,443.48	3/8	6,703.47	3/8	6,963.46	3/8	7,222.70	3/8	7,384.92
1/2	5,135.01	1/2	5,398.33	1/2	5,661.65	1/2	5,924.96	1/2	6,188.28	1/2	6,448.90	1/2	6,708.88	1/2	6,968.87	1/2	7,228.12	1/2	7,385.44
5/8	5,140.49	5/8	5,403.81	5/8	5,667.13	5/8	5,930.45	5/8	6,193.77	5/8	6,454.31	5/8	6,714.30	5/8	6,974.29	5/8	7,233.55	5/8	7,385.97
3/4	5,145.98	3/4	5,409.30	3/4	5,672.62	3/4	5,935.94	3/4	6,199.26	3/4	6,459.73	3/4	6,719.72	3/4	6,979.71	3/4	7,238.97	3/4	
7/8	5,151.46	7/8	5,414.78	7/8	5,678.10	7/8	5,941.42	7/8	6,204.74	7/8	6,465.15	7/8	6,725.13	7/8	6,985.12	7/8	7,244.39	7/8	
2	5,156.95	8	5,420.27	2	5,683.59	8	5,946.91	2	6,210.23	8	6,470.56	2	6,730.55	8	6,990.54	2	7,249.81	8	
1/8	5,162.44	1/8	5,425.76	1/8	5,689.08	1/8	5,952.40	1/8	6,215.69	1/8	6,475.98	1/8	6,735.96	1/8	6,995.95	1/8	7,255.07	1/8	
1/4	5,167.92	1/4	5,431.24	1/4	5,694.56	1/4	5,957.88	1/4	6,221.15	1/4	6,481.39	1/4	6,741.38	1/4	7,001.35	1/4	7,260.33	1/4	
3/8	5,173.41	3/8	5,436.73	3/8	5,700.05	3/8	5,963.37	3/8	6,226.61	3/8	6,486.81	3/8	6,746.80	3/8	7,006.76	3/8	7,265.59	3/8	
1/2	5,178.89	1/2	5,442.21	1/2	5,705.53	1/2	5,968.85	1/2	6,232.07	1/2	6,492.23	1/2	6,752.21	1/2	7,012.17	1/2	7,270.84	1/2	
5/8	5,184.38	5/8	5,447.70	5/8	5,711.02	5/8	5,974.34	5/8	6,237.53	5/8	6,497.64	5/8	6,757.63	5/8	7,017.58	5/8	7,276.10	5/8	
3/4	5,189.87	3/4	5,453.19	3/4	5,716.51	3/4	5,979.83	3/4	6,242.99	3/4	6,503.06	3/4	6,763.05	3/4	7,022.98	3/4	7,281.36	3/4	
7/8	5,195.35	7/8	5,458.67	7/8	5,721.99	7/8	5,985.31	7/8	6,248.45	7/8	6,508.48	7/8	6,768.46	7/8	7,028.39	7/8	7,286.62	7/8	
3	5,200.84	9	5,464.16	3	5,727.48	9	5,990.80	3	6,253.91	9	6,513.89	3	6,773.88	9	7,033.80	3	7,291.88	9	
1/8	5,206.33	1/8	5,469.65	1/8	5,732.96	1/8	5,996.28	1/8	6,259.33	1/8	6,519.31	1/8	6,779.29	1/8	7,039.19	1/8	7,296.38	1/8	
1/4	5,211.81	1/4	5,475.13	1/4	5,738.45	1/4	6,001.77	1/4	6,264.74	1/4	6,524.72	1/4	6,784.71	1/4	7,044.59	1/4	7,300.89	1/4	
3/8	5,217.30	3/8	5,480.62	3/8	5,743.93	3/8	6,007.25	3/8	6,270.16	3/8	6,530.14	3/8	6,790.13	3/8	7,049.98	3/8	7,305.39	3/8	
1/2	5,222.79	1/2	5,486.11	1/2	5,749.42	1/2	6,012.74	1/2	6,275.57	1/2	6,535.56	1/2	6,795.54	1/2	7,055.38	1/2	7,309.90	1/2	
5/8	5,228.27	5/8	5,491.59	5/8	5,754.90	5/8	6,018.22	5/8	6,280.99	5/8	6,540.97	5/8	6,800.96	5/8	7,060.77	5/8	7,314.40	5/8	
3/4	5,233.76	3/4	5,497.08	3/4	5,760.39	3/4	6,023.71	3/4	6,286.41	3/4	6,546.39	3/4	6,806.38	3/4	7,066.17	3/4	7,318.91	3/4	
7/8	5,239.24	7/8	5,502.56	7/8	5,765.87	7/8	6,029.19	7/8	6,291.82	7/8	6,551.81	7/8	6,811.79	7/8	7,071.56	7/8	7,323.41	7/8	
4	5,244.73	10	5,508.05	4	5,771.36	10	6,034.68	4	6,297.24	10	6,557.22	4	6,817.21	10	7,076.96	4	7,327.92	10	
1/8	5,250.22	1/8	5,513.54	1/8	5,776.85	1/8	6,040.17	1/8	6,302.66	1/8	6,562.64	1/8	6,822.62	1/8	7,082.35	1/8	7,331.33	1/8	
1/4	5,255.70	1/4	5,519.02	1/4	5,782.33	1/4	6,045.65	1/4	6,308.07	1/4	6,568.06	1/4	6,828.04	1/4	7,087.75	1/4	7,334.73	1/4	
3/8	5,261.19	3/8	5,524.51	3/8	5,787.82	3/8	6,051.14	3/8	6,313.49	3/8	6,573.47	3/8	6,833.46	3/8	7,093.14	3/8	7,338.14	3/8	
1/2	5,266.67	1/2	5,529.99	1/2	5,793.30	1/2	6,056.62	1/2	6,318.91	1/2	6,578.89	1/2	6,838.87	1/2	7,098.54	1/2	7,341.55	1/2	
5/8	5,272.15	5/8	5,535.47	5/8	5,798.79	5/8	6,062.11	5/8	6,324.32	5/8	6,584.31	5/8	6,844.29	5/8	7,103.93	5/8	7,344.96	5/8	
3/4	5,277.64	3/4	5,540.96	3/4	5,804.28	3/4	6,067.60	3/4	6,329.74	3/4	6,589.73	3/4	6,849.71	3/4	7,109.33	3/4	7,348.36	3/4	
7/8	5,283.12	7/8	5,546.44	7/8	5,809.76	7/8	6,073.08	7/8	6,335.15	7/8	6,595.14	7/8	6,855.12	7/8	7,114.72	7/8	7,351.77	7/8	
5	5,288.61	11	5,551.93	5	5,815.25	11	6,078.57	5	6,340.57	11	6,600.56	5	6,860.54	11	7,120.12	5	7,355.18	11	
1/8	5,294.10	1/8	5,557.42	1/8	5,820.74	1/8	6,084.06	1/8	6,345.99	1/8	6,605.98	1/8	6,865.95	1/8	7,125.51	1/8	7,357.49	1/8	
1/4	5,299.58	1/4	5,562.90	1/4	5,826.22	1/4	6,089.54	1/4	6,351.40	1/4	6,611.39	1/4	6,871.37	1/4	7,130.91	1/4	7,359.80	1/4	
3/8	5,305.07	3/8	5,568.39	3/8	5,831.71	3/8	6,095.03	3/8	6,356.82	3/8	6,616.81	3/8	6,876.79	3/8	7,136.30	3/8	7,362.11	3/8	
1/2	5,310.55	1/2	5,573.87	1/2	5,837.19	1/2	6,100.51	1/2	6,362.24	1/2	6,622.22	1/2	6,882.20	1/2	7,141.70	1/2	7,364.41	1/2	
5/8	5,316.04	5/8	5,579.36	5/8	5,842.68	5/8	6,106.00	5/8	6,367.65	5/8	6,627.64	5/8	6,887.62	5/8	7,147.09	5/8	7,366.72	5/8	
3/4	5,321.53	3/4	5,584.85	3/4	5,848.17	3/4	6,111.49	3/4	6,373.07	3/4	6,633.06	3/4	6,893.03	3/4	7,152.49	3/4	7,369.03	3/4	
7/8	5,327.01	7/8	5,590.33	7/8	5,853.65	7/8	6,116.97	7/8	6,378.48	7/8	6,638.47	7/8	6,898.45	7/8	7,157.88	7/8	7,371.34	7/8	

STRAPPED: 01/05/2002 ITS
DECK MEASUREMENTS: 04/13/2020 SW
REPRINTED: 04/14/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2020

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 28750"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HMS 301"

GAUGE HEIGHT 17'-02 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	12.38	6	132.09	0	263.13	6	393.97	0	520.01	6	651.10	0	782.42	6	913.23	0	1,043.99	6	1,175.36
1/8	14.34	1/8	134.82	1/8	265.86	1/8	396.69	1/8	522.71	1/8	653.84	1/8	785.16	1/8	915.95	1/8	1,046.73	1/8	1,178.10
1/4	16.29	1/4	137.55	1/4	268.58	1/4	399.42	1/4	525.41	1/4	656.57	1/4	787.89	1/4	918.66	1/4	1,049.46	1/4	1,180.84
3/8	18.25	3/8	140.28	3/8	271.31	3/8	402.14	3/8	528.12	3/8	659.31	3/8	790.63	3/8	921.38	3/8	1,052.20	3/8	1,183.57
1/2	20.20	1/2	143.01	1/2	274.04	1/2	404.87	1/2	530.82	1/2	662.04	1/2	793.36	1/2	924.09	1/2	1,054.93	1/2	1,186.31
5/8	22.16	5/8	145.75	5/8	276.76	5/8	407.59	5/8	533.52	5/8	664.78	5/8	796.10	5/8	926.81	5/8	1,057.67	5/8	1,189.05
3/4	24.11	3/4	148.48	3/4	279.49	3/4	410.32	3/4	536.22	3/4	667.52	3/4	798.83	3/4	929.53	3/4	1,060.41	3/4	1,191.79
7/8	26.07	7/8	151.21	7/8	282.21	7/8	413.04	7/8	538.93	7/8	670.25	7/8	801.57	7/8	932.24	7/8	1,063.14	7/8	1,194.52
1	28.02	7	153.94	1	284.94	7	415.77	1	541.63	7	672.99	1	804.30	7	934.96	1	1,065.88	7	1,197.26
1/8	30.51	1/8	156.67	1/8	287.67	1/8	418.40	1/8	544.37	1/8	675.72	1/8	807.03	1/8	937.68	1/8	1,068.62	1/8	1,200.00
1/4	33.00	1/4	159.41	1/4	290.39	1/4	421.03	1/4	547.10	1/4	678.46	1/4	809.77	1/4	940.39	1/4	1,071.36	1/4	1,202.73
3/8	35.49	3/8	162.14	3/8	293.12	3/8	423.66	3/8	549.84	3/8	681.19	3/8	812.50	3/8	943.11	3/8	1,074.09	3/8	1,205.47
1/2	37.98	1/2	164.87	1/2	295.84	1/2	426.29	1/2	552.58	1/2	683.93	1/2	815.23	1/2	945.82	1/2	1,076.83	1/2	1,208.20
5/8	40.48	5/8	167.60	5/8	298.57	5/8	428.93	5/8	555.32	5/8	686.66	5/8	817.96	5/8	948.54	5/8	1,079.57	5/8	1,210.94
3/4	42.97	3/4	170.34	3/4	301.29	3/4	431.56	3/4	558.05	3/4	689.40	3/4	820.70	3/4	951.25	3/4	1,082.31	3/4	1,213.68
7/8	45.46	7/8	173.07	7/8	304.02	7/8	434.19	7/8	560.79	7/8	692.13	7/8	823.43	7/8	953.97	7/8	1,085.04	7/8	1,216.41
2	47.95	8	175.80	2	306.74	8	436.82	2	563.53	8	694.87	2	826.16	8	956.68	2	1,087.78	8	1,219.15
1/8	50.56	1/8	178.53	1/8	309.47	1/8	439.42	1/8	566.27	1/8	697.61	1/8	828.89	1/8	959.40	1/8	1,090.52	1/8	1,221.89
1/4	53.16	1/4	181.26	1/4	312.19	1/4	442.02	1/4	569.00	1/4	700.34	1/4	831.63	1/4	962.11	1/4	1,093.25	1/4	1,224.62
3/8	55.77	3/8	183.99	3/8	314.92	3/8	444.62	3/8	571.74	3/8	703.08	3/8	834.36	3/8	964.83	3/8	1,095.99	3/8	1,227.36
1/2	58.37	1/2	186.72	1/2	317.64	1/2	447.22	1/2	574.47	1/2	705.81	1/2	837.09	1/2	967.54	1/2	1,098.72	1/2	1,230.10
5/8	60.98	5/8	189.46	5/8	320.37	5/8	449.82	5/8	577.21	5/8	708.55	5/8	839.83	5/8	970.26	5/8	1,101.46	5/8	1,232.84
3/4	63.59	3/4	192.19	3/4	323.10	3/4	452.42	3/4	579.95	3/4	711.29	3/4	842.56	3/4	972.97	3/4	1,104.20	3/4	1,235.57
7/8	66.19	7/8	194.92	7/8	325.82	7/8	455.02	7/8	582.68	7/8	714.02	7/8	845.30	7/8	975.69	7/8	1,106.93	7/8	1,238.31
3	68.80	9	197.65	3	328.55	9	457.62	3	585.42	9	716.76	3	848.03	9	978.40	3	1,109.67	9	1,241.05
1/8	71.41	1/8	200.38	1/8	331.28	1/8	460.22	1/8	588.16	1/8	719.50	1/8	850.75	1/8	981.13	1/8	1,112.41	1/8	1,243.79
1/4	74.01	1/4	203.11	1/4	334.00	1/4	462.82	1/4	590.90	1/4	722.23	1/4	853.47	1/4	983.86	1/4	1,115.14	1/4	1,246.52
3/8	76.62	3/8	205.85	3/8	336.73	3/8	465.42	3/8	593.63	3/8	724.97	3/8	856.19	3/8	986.59	3/8	1,117.88	3/8	1,249.26
1/2	79.22	1/2	208.58	1/2	339.45	1/2	468.02	1/2	596.37	1/2	727.71	1/2	858.91	1/2	989.32	1/2	1,120.62	1/2	1,251.99
5/8	81.83	5/8	211.31	5/8	342.18	5/8	470.62	5/8	599.11	5/8	730.44	5/8	861.63	5/8	992.05	5/8	1,123.36	5/8	1,254.73
3/4	84.43	3/4	214.04	3/4	344.91	3/4	473.22	3/4	601.85	3/4	733.18	3/4	864.35	3/4	994.78	3/4	1,126.09	3/4	1,257.47
7/8	87.04	7/8	216.78	7/8	347.63	7/8	475.82	7/8	604.58	7/8	735.91	7/8	867.07	7/8	997.51	7/8	1,128.83	7/8	1,260.20
4	89.64	10	219.51	4	350.36	10	478.42	4	607.32	10	738.65	4	869.79	10	1,000.24	4	1,131.57	10	1,262.94
1/8	92.25	1/8	222.24	1/8	353.08	1/8	481.02	1/8	610.06	1/8	741.39	1/8	872.50	1/8	1,002.97	1/8	1,134.31	1/8	1,265.68
1/4	94.85	1/4	224.96	1/4	355.81	1/4	483.62	1/4	612.79	1/4	744.12	1/4	875.22	1/4	1,005.71	1/4	1,137.04	1/4	1,268.42
3/8	97.46	3/8	227.69	3/8	358.53	3/8	486.22	3/8	615.53	3/8	746.86	3/8	877.93	3/8	1,008.44	3/8	1,139.78	3/8	1,271.15
1/2	100.06	1/2	230.41	1/2	361.26	1/2	488.81	1/2	618.26	1/2	749.59	1/2	880.65	1/2	1,011.17	1/2	1,142.52	1/2	1,273.89
5/8	102.67	5/8	233.14	5/8	363.98	5/8	491.41	5/8	621.00	5/8	752.32	5/8	883.36	5/8	1,013.91	5/8	1,145.26	5/8	1,276.63
3/4	105.28	3/4	235.87	3/4	366.71	3/4	494.01	3/4	623.74	3/4	755.06	3/4	886.08	3/4	1,016.64	3/4	1,147.99	3/4	1,279.37
7/8	107.88	7/8	238.59	7/8	369.43	7/8	496.61	7/8	626.47	7/8	757.79	7/8	888.79	7/8	1,019.38	7/8	1,150.73	7/8	1,282.10
5	110.49	11	241.32	5	372.16	11	499.21	5	629.21	11	760.53	5	891.51	11	1,022.11	5	1,153.47	11	1,284.84
1/8	113.19	1/8	244.05	1/8	374.89	1/8	501.81	1/8	631.95	1/8	763.27	1/8	894.22	1/8	1,024.84	1/8	1,156.21	1/8	1,287.58
1/4	115.89	1/4	246.77	1/4	377.61	1/4	504.41	1/4	634.68	1/4	766.00	1/4	896.94	1/4	1,027.58	1/4	1,158.94	1/4	1,290.31
3/8	118.59	3/8	249.50	3/8	380.34	3/8	507.01	3/8	637.42	3/8	768.74	3/8	899.65	3/8	1,030.31	3/8	1,161.68	3/8	1,293.05
1/2	121.29	1/2	252.23	1/2	383.06	1/2	509.61	1/2	640.15	1/2	771.47	1/2	902.37	1/2	1,033.05	1/2	1,164.41	1/2	1,295.78
5/8	123.99	5/8	254.95	5/8	385.79	5/8	512.21	5/8	642.89	5/8	774.21	5/8	905.08	5/8	1,035.78	5/8	1,167.15	5/8	1,298.52
3/4	126.69	3/4	257.68	3/4	388.52	3/4	514.81	3/4	645.63	3/4	776.95	3/4	907.80	3/4	1,038.52	3/4	1,169.89	3/4	1,301.26
7/8	129.39	7/8	260.40	7/8	391.24	7/8	517.41	7/8	648.36	7/8	779.68	7/8	910.51	7/8	1,041.25	7/8	1,172.62	7/8	1,303.99

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 11'-03" 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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Pearland, Texas 77588

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BARGE "KIRBY 28750"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HMS 301"

GAUGE HEIGHT 17'-02 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	1,306.73	6	1,438.10	0	1,569.47	6	1,700.85	0	1,832.22	6	1,963.59	0	2,094.96	6	2,226.33	0	2,357.70	6	2,489.07
1/8	1,309.47	1/8	1,440.84	1/8	1,572.21	1/8	1,703.59	1/8	1,834.96	1/8	1,966.33	1/8	2,097.70	1/8	2,229.07	1/8	2,360.44	1/8	2,491.81
1/4	1,312.20	1/4	1,443.58	1/4	1,574.94	1/4	1,706.32	1/4	1,837.69	1/4	1,969.06	1/4	2,100.43	1/4	2,231.80	1/4	2,363.18	1/4	2,494.54
3/8	1,314.94	3/8	1,446.31	3/8	1,577.68	3/8	1,709.06	3/8	1,840.43	3/8	1,971.80	3/8	2,103.17	3/8	2,234.54	3/8	2,365.91	3/8	2,497.28
1/2	1,317.68	1/2	1,449.05	1/2	1,580.42	1/2	1,711.79	1/2	1,843.16	1/2	1,974.53	1/2	2,105.90	1/2	2,237.28	1/2	2,368.65	1/2	2,500.02
5/8	1,320.42	5/8	1,451.79	5/8	1,583.16	5/8	1,714.53	5/8	1,845.90	5/8	1,977.27	5/8	2,108.64	5/8	2,240.02	5/8	2,371.39	5/8	2,502.76
3/4	1,323.15	3/4	1,454.53	3/4	1,585.89	3/4	1,717.27	3/4	1,848.64	3/4	1,980.01	3/4	2,111.38	3/4	2,242.75	3/4	2,374.13	3/4	2,505.49
7/8	1,325.89	7/8	1,457.26	7/8	1,588.63	7/8	1,720.00	7/8	1,851.37	7/8	1,982.74	7/8	2,114.11	7/8	2,245.49	7/8	2,376.86	7/8	2,508.23
1	1,328.63	7	1,460.00	1	1,591.37	7	1,722.74	1	1,854.11	7	1,985.48	1	2,116.85	7	2,248.23	1	2,379.60	7	2,510.97
1/8	1,331.37	1/8	1,462.74	1/8	1,594.11	1/8	1,725.48	1/8	1,856.85	1/8	1,988.22	1/8	2,119.59	1/8	2,250.97	1/8	2,382.34	1/8	2,513.71
1/4	1,334.10	1/4	1,465.47	1/4	1,596.84	1/4	1,728.22	1/4	1,859.58	1/4	1,990.96	1/4	2,122.32	1/4	2,253.70	1/4	2,385.07	1/4	2,516.44
3/8	1,336.84	3/8	1,468.21	3/8	1,599.58	3/8	1,730.95	3/8	1,862.32	3/8	1,993.69	3/8	2,125.06	3/8	2,256.44	3/8	2,387.81	3/8	2,519.18
1/2	1,339.57	1/2	1,470.94	1/2	1,602.31	1/2	1,733.69	1/2	1,865.06	1/2	1,996.43	1/2	2,127.80	1/2	2,259.17	1/2	2,390.54	1/2	2,521.91
5/8	1,342.31	5/8	1,473.68	5/8	1,605.05	5/8	1,736.43	5/8	1,867.80	5/8	1,999.17	5/8	2,130.54	5/8	2,261.91	5/8	2,393.28	5/8	2,524.65
3/4	1,345.05	3/4	1,476.42	3/4	1,607.79	3/4	1,739.17	3/4	1,870.53	3/4	2,001.91	3/4	2,133.27	3/4	2,264.65	3/4	2,396.02	3/4	2,527.39
7/8	1,347.78	7/8	1,479.15	7/8	1,610.52	7/8	1,741.90	7/8	1,873.27	7/8	2,004.64	7/8	2,136.01	7/8	2,267.38	7/8	2,398.75	7/8	2,530.12
2	1,350.52	8	1,481.89	2	1,613.26	8	1,744.64	2	1,876.01	8	2,007.38	2	2,138.75	8	2,270.12	2	2,401.49	8	2,532.86
1/8	1,353.26	1/8	1,484.63	1/8	1,616.00	1/8	1,747.38	1/8	1,878.75	1/8	2,010.12	1/8	2,141.49	1/8	2,272.86	1/8	2,404.23	1/8	2,535.60
1/4	1,356.00	1/4	1,487.36	1/4	1,618.74	1/4	1,750.11	1/4	1,881.48	1/4	2,012.85	1/4	2,144.22	1/4	2,275.60	1/4	2,406.96	1/4	2,538.34
3/8	1,358.73	3/8	1,490.10	3/8	1,621.47	3/8	1,752.85	3/8	1,884.22	3/8	2,015.59	3/8	2,146.96	3/8	2,278.33	3/8	2,409.70	3/8	2,541.07
1/2	1,361.47	1/2	1,492.84	1/2	1,624.21	1/2	1,755.58	1/2	1,886.95	1/2	2,018.32	1/2	2,149.69	1/2	2,281.07	1/2	2,412.44	1/2	2,543.81
5/8	1,364.21	5/8	1,495.58	5/8	1,626.95	5/8	1,758.32	5/8	1,889.69	5/8	2,021.06	5/8	2,152.43	5/8	2,283.81	5/8	2,415.18	5/8	2,546.55
3/4	1,366.95	3/4	1,498.31	3/4	1,629.69	3/4	1,761.06	3/4	1,892.43	3/4	2,023.80	3/4	2,155.17	3/4	2,286.55	3/4	2,417.91	3/4	2,549.29
7/8	1,369.68	7/8	1,501.05	7/8	1,632.42	7/8	1,763.79	7/8	1,895.16	7/8	2,026.53	7/8	2,157.90	7/8	2,289.28	7/8	2,420.65	7/8	2,552.02
3	1,372.42	9	1,503.79	3	1,635.16	9	1,766.53	3	1,897.90	9	2,029.27	3	2,160.64	9	2,292.02	3	2,423.39	9	2,554.76
1/8	1,375.16	1/8	1,506.53	1/8	1,637.90	1/8	1,769.27	1/8	1,900.64	1/8	2,032.01	1/8	2,163.38	1/8	2,294.76	1/8	2,426.13	1/8	2,557.50
1/4	1,377.89	1/4	1,509.26	1/4	1,640.63	1/4	1,772.00	1/4	1,903.38	1/4	2,034.74	1/4	2,166.12	1/4	2,297.49	1/4	2,428.86	1/4	2,560.23
3/8	1,380.63	3/8	1,512.00	3/8	1,643.37	3/8	1,774.74	3/8	1,906.11	3/8	2,037.48	3/8	2,168.85	3/8	2,300.23	3/8	2,431.60	3/8	2,562.97
1/2	1,383.36	1/2	1,514.73	1/2	1,646.10	1/2	1,777.48	1/2	1,908.85	1/2	2,040.22	1/2	2,171.59	1/2	2,302.96	1/2	2,434.33	1/2	2,565.70
5/8	1,386.10	5/8	1,517.47	5/8	1,648.84	5/8	1,780.22	5/8	1,911.59	5/8	2,042.96	5/8	2,174.33	5/8	2,305.70	5/8	2,437.07	5/8	2,568.44
3/4	1,388.84	3/4	1,520.21	3/4	1,651.58	3/4	1,782.95	3/4	1,914.33	3/4	2,045.69	3/4	2,177.07	3/4	2,308.44	3/4	2,439.81	3/4	2,571.18
7/8	1,391.57	7/8	1,522.94	7/8	1,654.31	7/8	1,785.69	7/8	1,917.06	7/8	2,048.43	7/8	2,179.80	7/8	2,311.17	7/8	2,442.54	7/8	2,573.91
4	1,394.31	10	1,525.68	4	1,657.05	10	1,788.43	4	1,919.80	10	2,051.17	4	2,182.54	10	2,313.91	4	2,445.28	10	2,576.65
1/8	1,397.05	1/8	1,528.42	1/8	1,659.79	1/8	1,791.17	1/8	1,922.54	1/8	2,053.91	1/8	2,185.28	1/8	2,316.65	1/8	2,448.02	1/8	2,579.39
1/4	1,399.78	1/4	1,531.16	1/4	1,662.52	1/4	1,793.90	1/4	1,925.27	1/4	2,056.64	1/4	2,188.01	1/4	2,319.38	1/4	2,450.76	1/4	2,582.12
3/8	1,402.52	3/8	1,533.89	3/8	1,665.26	3/8	1,796.64	3/8	1,928.01	3/8	2,059.38	3/8	2,190.75	3/8	2,322.12	3/8	2,453.49	3/8	2,584.86
1/2	1,405.26	1/2	1,536.63	1/2	1,668.00	1/2	1,799.37	1/2	1,930.74	1/2	2,062.11	1/2	2,193.48	1/2	2,324.86	1/2	2,456.23	1/2	2,587.60
5/8	1,408.00	5/8	1,539.37	5/8	1,670.74	5/8	1,802.11	5/8	1,933.48	5/8	2,064.85	5/8	2,196.22	5/8	2,327.60	5/8	2,458.97	5/8	2,590.34
3/4	1,410.73	3/4	1,542.11	3/4	1,673.47	3/4	1,804.85	3/4	1,936.22	3/4	2,067.59	3/4	2,198.96	3/4	2,330.33	3/4	2,461.71	3/4	2,593.07
7/8	1,413.47	7/8	1,544.84	7/8	1,676.21	7/8	1,807.58	7/8	1,938.95	7/8	2,070.32	7/8	2,201.69	7/8	2,333.07	7/8	2,464.44	7/8	2,595.81
5	1,416.21	11	1,547.58	5	1,678.95	11	1,810.32	5	1,941.69	11	2,073.06	5	2,204.43	11	2,335.81	5	2,467.18	11	2,598.55
1/8	1,418.95	1/8	1,550.32	1/8	1,681.69	1/8	1,813.06	1/8	1,944.43	1/8	2,075.80	1/8	2,207.17	1/8	2,338.55	1/8	2,469.92	1/8	2,601.29
1/4	1,421.68	1/4	1,553.05	1/4	1,684.42	1/4	1,815.80	1/4	1,947.16	1/4	2,078.54	1/4	2,209.90	1/4	2,341.28	1/4	2,472.65	1/4	2,604.02
3/8	1,424.42	3/8	1,555.79	3/8	1,687.16	3/8	1,818.53	3/8	1,949.90	3/8	2,081.27	3/8	2,212.64	3/8	2,344.02	3/8	2,475.39	3/8	2,606.76
1/2	1,427.15	1/2	1,558.52	1/2	1,689.90	1/2	1,821.27	1/2	1,952.64	1/2	2,084.01	1/2	2,215.38	1/2	2,346.75	1/2	2,478.12	1/2	2,609.49
5/8	1,429.89	5/8	1,561.26	5/8	1,692.64	5/8	1,824.01	5/8	1,955.38	5/8	2,086.75	5/8	2,218.12	5/8	2,349.49	5/8	2,480.86	5/8	2,612.23
3/4	1,432.63	3/4	1,564.00	3/4	1,695.37	3/4	1,826.75	3/4	1,958.11	3/4	2,089.49	3/4	2,220.85	3/4	2,352.23	3/4	2,483.60	3/4	2,614.97
7/8	1,435.36	7/8	1,566.73	7/8	1,698.11	7/8	1,829.48	7/8	1,960.85	7/8	2,092.22	7/8	2,223.59	7/8	2,354.96	7/8	2,486.33	7/8	2,617.70

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BARGE "KIRBY 28750"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HMS 301"

GAUGE HEIGHT 17'-02 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	2,620.44	6	2,751.81	0	2,883.19	6	3,014.56	0	3,145.93	6	3,277.30	0	3,408.67	6	3,540.04	0	3,671.41	6	3,753.08
1/8	2,623.18	1/8	2,754.55	1/8	2,885.93	1/8	3,017.30	1/8	3,148.67	1/8	3,280.04	1/8	3,411.41	1/8	3,542.78	1/8	3,674.15	1/8	3,753.36
1/4	2,625.92	1/4	2,757.28	1/4	2,888.66	1/4	3,020.03	1/4	3,151.40	1/4	3,282.77	1/4	3,414.14	1/4	3,545.52	1/4	3,676.88	1/4	3,753.63
3/8	2,628.65	3/8	2,760.02	3/8	2,891.40	3/8	3,022.77	3/8	3,154.14	3/8	3,285.51	3/8	3,416.88	3/8	3,548.25	3/8	3,679.62	3/8	
1/2	2,631.39	1/2	2,762.76	1/2	2,894.13	1/2	3,025.50	1/2	3,156.87	1/2	3,288.24	1/2	3,419.62	1/2	3,550.99	1/2	3,682.36	1/2	
5/8	2,634.13	5/8	2,765.50	5/8	2,896.87	5/8	3,028.24	5/8	3,159.61	5/8	3,290.98	5/8	3,422.36	5/8	3,553.73	5/8	3,685.10	5/8	
3/4	2,636.87	3/4	2,768.23	3/4	2,899.61	3/4	3,030.98	3/4	3,162.35	3/4	3,293.72	3/4	3,425.09	3/4	3,556.47	3/4	3,687.83	3/4	
7/8	2,639.60	7/8	2,770.97	7/8	2,902.34	7/8	3,033.71	7/8	3,165.08	7/8	3,296.45	7/8	3,427.83	7/8	3,559.20	7/8	3,690.57	7/8	
1	2,642.34	7	2,773.71	1	2,905.08	7	3,036.45	1	3,167.82	7	3,299.19	1	3,430.57	7	3,561.94	1	3,693.31	7	
1/8	2,645.08	1/8	2,776.45	1/8	2,907.82	1/8	3,039.19	1/8	3,170.56	1/8	3,301.93	1/8	3,433.31	1/8	3,564.68	1/8	3,695.84	1/8	
1/4	2,647.81	1/4	2,779.18	1/4	2,910.56	1/4	3,041.92	1/4	3,173.30	1/4	3,304.66	1/4	3,436.04	1/4	3,567.41	1/4	3,698.38	1/4	
3/8	2,650.55	3/8	2,781.92	3/8	2,913.29	3/8	3,044.66	3/8	3,176.03	3/8	3,307.40	3/8	3,438.78	3/8	3,570.15	3/8	3,700.91	3/8	
1/2	2,653.28	1/2	2,784.66	1/2	2,916.03	1/2	3,047.40	1/2	3,178.77	1/2	3,310.14	1/2	3,441.51	1/2	3,572.88	1/2	3,703.45	1/2	
5/8	2,656.02	5/8	2,787.40	5/8	2,918.77	5/8	3,050.14	5/8	3,181.51	5/8	3,312.88	5/8	3,444.25	5/8	3,575.62	5/8	3,705.98	5/8	
3/4	2,658.76	3/4	2,790.13	3/4	2,921.51	3/4	3,052.87	3/4	3,184.25	3/4	3,315.61	3/4	3,446.99	3/4	3,578.36	3/4	3,708.52	3/4	
7/8	2,661.49	7/8	2,792.87	7/8	2,924.24	7/8	3,055.61	7/8	3,186.98	7/8	3,318.35	7/8	3,449.72	7/8	3,581.09	7/8	3,711.05	7/8	
2	2,664.23	8	2,795.61	2	2,926.98	8	3,058.35	2	3,189.72	8	3,321.09	2	3,452.46	8	3,583.83	2	3,713.59	8	
1/8	2,666.97	1/8	2,798.35	1/8	2,929.72	1/8	3,061.09	1/8	3,192.46	1/8	3,323.83	1/8	3,455.20	1/8	3,586.57	1/8	3,715.65	1/8	
1/4	2,669.70	1/4	2,801.08	1/4	2,932.45	1/4	3,063.82	1/4	3,195.19	1/4	3,326.56	1/4	3,457.94	1/4	3,589.30	1/4	3,717.70	1/4	
3/8	2,672.44	3/8	2,803.82	3/8	2,935.19	3/8	3,066.56	3/8	3,197.93	3/8	3,329.30	3/8	3,460.67	3/8	3,592.04	3/8	3,719.76	3/8	
1/2	2,675.18	1/2	2,806.55	1/2	2,937.92	1/2	3,069.29	1/2	3,200.66	1/2	3,332.04	1/2	3,463.41	1/2	3,594.78	1/2	3,721.82	1/2	
5/8	2,677.92	5/8	2,809.29	5/8	2,940.66	5/8	3,072.03	5/8	3,203.40	5/8	3,334.78	5/8	3,466.15	5/8	3,597.52	5/8	3,723.88	5/8	
3/4	2,680.65	3/4	2,812.03	3/4	2,943.40	3/4	3,074.77	3/4	3,206.14	3/4	3,337.51	3/4	3,468.89	3/4	3,600.25	3/4	3,725.93	3/4	
7/8	2,683.39	7/8	2,814.76	7/8	2,946.13	7/8	3,077.50	7/8	3,208.87	7/8	3,340.25	7/8	3,471.62	7/8	3,602.99	7/8	3,727.99	7/8	
3	2,686.13	9	2,817.50	3	2,948.87	9	3,080.24	3	3,211.61	9	3,342.99	3	3,474.36	9	3,605.73	3	3,730.05	9	
1/8	2,688.87	1/8	2,820.24	1/8	2,951.61	1/8	3,082.98	1/8	3,214.35	1/8	3,345.73	1/8	3,477.10	1/8	3,608.47	1/8	3,731.56	1/8	
1/4	2,691.60	1/4	2,822.98	1/4	2,954.34	1/4	3,085.72	1/4	3,217.08	1/4	3,348.46	1/4	3,479.83	1/4	3,611.20	1/4	3,733.07	1/4	
3/8	2,694.34	3/8	2,825.71	3/8	2,957.08	3/8	3,088.45	3/8	3,219.82	3/8	3,351.20	3/8	3,482.57	3/8	3,613.94	3/8	3,734.58	3/8	
1/2	2,697.07	1/2	2,828.45	1/2	2,959.82	1/2	3,091.19	1/2	3,222.56	1/2	3,353.93	1/2	3,485.30	1/2	3,616.67	1/2	3,736.08	1/2	
5/8	2,699.81	5/8	2,831.19	5/8	2,962.56	5/8	3,093.93	5/8	3,225.30	5/8	3,356.67	5/8	3,488.04	5/8	3,619.41	5/8	3,737.59	5/8	
3/4	2,702.55	3/4	2,833.93	3/4	2,965.29	3/4	3,096.67	3/4	3,228.03	3/4	3,359.41	3/4	3,490.78	3/4	3,622.15	3/4	3,739.10	3/4	
7/8	2,705.28	7/8	2,836.66	7/8	2,968.03	7/8	3,099.40	7/8	3,230.77	7/8	3,362.14	7/8	3,493.51	7/8	3,624.88	7/8	3,740.61	7/8	
4	2,708.02	10	2,839.40	4	2,970.77	10	3,102.14	4	3,233.51	10	3,364.88	4	3,496.25	10	3,627.62	4	3,742.12	10	
1/8	2,710.76	1/8	2,842.14	1/8	2,973.51	1/8	3,104.88	1/8	3,236.25	1/8	3,367.62	1/8	3,498.99	1/8	3,630.36	1/8	3,743.08	1/8	
1/4	2,713.50	1/4	2,844.87	1/4	2,976.24	1/4	3,107.61	1/4	3,238.98	1/4	3,370.36	1/4	3,501.72	1/4	3,633.10	1/4	3,744.04	1/4	
3/8	2,716.23	3/8	2,847.61	3/8	2,978.98	3/8	3,110.35	3/8	3,241.72	3/8	3,373.09	3/8	3,504.46	3/8	3,635.83	3/8	3,745.00	3/8	
1/2	2,718.97	1/2	2,850.34	1/2	2,981.71	1/2	3,113.08	1/2	3,244.45	1/2	3,375.83	1/2	3,507.20	1/2	3,638.57	1/2	3,745.95	1/2	
5/8	2,721.71	5/8	2,853.08	5/8	2,984.45	5/8	3,115.82	5/8	3,247.19	5/8	3,378.57	5/8	3,509.94	5/8	3,641.31	5/8	3,746.91	5/8	
3/4	2,724.45	3/4	2,855.82	3/4	2,987.19	3/4	3,118.56	3/4	3,249.93	3/4	3,381.31	3/4	3,512.67	3/4	3,644.05	3/4	3,747.87	3/4	
7/8	2,727.18	7/8	2,858.55	7/8	2,989.92	7/8	3,121.29	7/8	3,252.66	7/8	3,384.04	7/8	3,515.41	7/8	3,646.78	7/8	3,748.83	7/8	
5	2,729.92	11	2,861.29	5	2,992.66	11	3,124.03	5	3,255.40	11	3,386.78	5	3,518.15	11	3,649.52	5	3,749.79	11	
1/8	2,732.66	1/8	2,864.03	1/8	2,995.40	1/8	3,126.77	1/8	3,258.14	1/8	3,389.52	1/8	3,520.89	1/8	3,652.26	1/8	3,750.20	1/8	
1/4	2,735.39	1/4	2,866.76	1/4	2,998.14	1/4	3,129.50	1/4	3,260.88	1/4	3,392.25	1/4	3,523.62	1/4	3,654.99	1/4	3,750.61	1/4	
3/8	2,738.13	3/8	2,869.50	3/8	3,000.87	3/8	3,132.24	3/8	3,263.61	3/8	3,394.99	3/8	3,526.36	3/8	3,657.73	3/8	3,751.02	3/8	
1/2	2,740.86	1/2	2,872.24	1/2	3,003.61	1/2	3,134.98	1/2	3,266.35	1/2	3,397.72	1/2	3,529.09	1/2	3,660.46	1/2	3,751.43	1/2	
5/8	2,743.60	5/8	2,874.98	5/8	3,006.35	5/8	3,137.72	5/8	3,269.09	5/8	3,400.46	5/8	3,531.83	5/8	3,663.20	5/8	3,751.85	5/8	
3/4	2,746.34	3/4	2,877.71	3/4	3,009.09	3/4	3,140.45	3/4	3,271.83	3/4	3,403.20	3/4	3,534.57	3/4	3,665.94	3/4	3,752.26	3/4	
7/8	2,749.07	7/8	2,880.45	7/8	3,011.82	7/8	3,143.19	7/8	3,274.56	7/8	3,405.93	7/8	3,537.30	7/8	3,668.67	7/8	3,752.67	7/8	

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ALL PRIOR TO 04/2020

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BARGE "KIRBY 28750"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HMS 301"

GAUGE HEIGHT 17'-02 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	12.40	6	132.27	0	263.48	6	394.49	0	520.71	6	651.97	0	783.46	6	914.28	0	1,045.07	6	1,176.59
1/8	14.36	1/8	135.00	1/8	266.21	1/8	397.22	1/8	523.42	1/8	654.71	1/8	786.19	1/8	917.00	1/8	1,047.81	1/8	1,179.33
1/4	16.32	1/4	137.74	1/4	268.94	1/4	399.95	1/4	526.12	1/4	657.45	1/4	788.93	1/4	919.72	1/4	1,050.54	1/4	1,182.07
3/8	18.27	3/8	140.47	3/8	271.67	3/8	402.68	3/8	528.83	3/8	660.19	3/8	791.66	3/8	922.44	3/8	1,053.28	3/8	1,184.81
1/2	20.23	1/2	143.21	1/2	274.40	1/2	405.41	1/2	531.53	1/2	662.93	1/2	794.39	1/2	925.16	1/2	1,056.02	1/2	1,187.55
5/8	22.19	5/8	145.94	5/8	277.13	5/8	408.14	5/8	534.24	5/8	665.67	5/8	797.12	5/8	927.88	5/8	1,058.76	5/8	1,190.30
3/4	24.15	3/4	148.68	3/4	279.86	3/4	410.87	3/4	536.95	3/4	668.41	3/4	799.86	3/4	930.60	3/4	1,061.49	3/4	1,193.04
7/8	26.10	7/8	151.41	7/8	282.59	7/8	413.60	7/8	539.65	7/8	671.15	7/8	802.59	7/8	933.32	7/8	1,064.23	7/8	1,195.78
1	28.06	7	154.15	1	285.32	7	416.33	1	542.36	7	673.89	1	805.32	7	936.04	1	1,066.97	7	1,198.52
1/8	30.56	1/8	156.88	1/8	288.05	1/8	418.96	1/8	545.10	1/8	676.63	1/8	808.05	1/8	938.76	1/8	1,069.71	1/8	1,201.26
1/4	33.05	1/4	159.62	1/4	290.78	1/4	421.60	1/4	547.84	1/4	679.37	1/4	810.78	1/4	941.48	1/4	1,072.45	1/4	1,204.00
3/8	35.55	3/8	162.35	3/8	293.51	3/8	424.23	3/8	550.58	3/8	682.11	3/8	813.51	3/8	944.20	3/8	1,075.19	3/8	1,206.74
1/2	38.04	1/2	165.09	1/2	296.23	1/2	426.87	1/2	553.32	1/2	684.84	1/2	816.23	1/2	946.92	1/2	1,077.93	1/2	1,209.48
5/8	40.54	5/8	167.82	5/8	298.96	5/8	429.50	5/8	556.06	5/8	687.58	5/8	818.96	5/8	949.64	5/8	1,080.68	5/8	1,212.22
3/4	43.03	3/4	170.56	3/4	301.69	3/4	432.14	3/4	558.80	3/4	690.32	3/4	821.69	3/4	952.36	3/4	1,083.42	3/4	1,214.96
7/8	45.53	7/8	173.29	7/8	304.42	7/8	434.77	7/8	561.54	7/8	693.06	7/8	824.42	7/8	955.08	7/8	1,086.16	7/8	1,217.70
2	48.02	8	176.03	2	307.15	8	437.41	2	564.28	8	695.80	2	827.15	8	957.80	2	1,088.90	8	1,220.44
1/8	50.63	1/8	178.77	1/8	309.88	1/8	440.01	1/8	567.02	1/8	698.54	1/8	829.88	1/8	960.52	1/8	1,091.64	1/8	1,223.18
1/4	53.24	1/4	181.50	1/4	312.61	1/4	442.61	1/4	569.76	1/4	701.28	1/4	832.61	1/4	963.24	1/4	1,094.38	1/4	1,225.92
3/8	55.85	3/8	184.24	3/8	315.34	3/8	445.22	3/8	572.50	3/8	704.02	3/8	835.34	3/8	965.96	3/8	1,097.12	3/8	1,228.66
1/2	58.45	1/2	186.97	1/2	318.07	1/2	447.82	1/2	575.24	1/2	706.76	1/2	838.06	1/2	968.68	1/2	1,099.86	1/2	1,231.40
5/8	61.06	5/8	189.71	5/8	320.80	5/8	450.42	5/8	577.99	5/8	709.50	5/8	840.79	5/8	971.41	5/8	1,102.60	5/8	1,234.14
3/4	63.67	3/4	192.45	3/4	323.53	3/4	453.02	3/4	580.73	3/4	712.24	3/4	843.52	3/4	974.13	3/4	1,105.34	3/4	1,236.88
7/8	66.28	7/8	195.18	7/8	326.26	7/8	455.63	7/8	583.47	7/8	714.98	7/8	846.25	7/8	976.85	7/8	1,108.08	7/8	1,239.62
3	68.89	9	197.92	3	328.99	9	458.23	3	586.21	9	717.72	3	848.98	9	979.57	3	1,110.82	9	1,242.36
1/8	71.50	1/8	200.66	1/8	331.72	1/8	460.83	1/8	588.95	1/8	720.46	1/8	851.70	1/8	982.30	1/8	1,113.56	1/8	1,245.10
1/4	74.11	1/4	203.39	1/4	334.45	1/4	463.44	1/4	591.69	1/4	723.20	1/4	854.42	1/4	985.02	1/4	1,116.30	1/4	1,247.84
3/8	76.72	3/8	206.13	3/8	337.18	3/8	466.04	3/8	594.43	3/8	725.94	3/8	857.15	3/8	987.75	3/8	1,119.04	3/8	1,250.58
1/2	79.32	1/2	208.86	1/2	339.90	1/2	468.64	1/2	597.17	1/2	728.67	1/2	859.87	1/2	990.48	1/2	1,121.78	1/2	1,253.32
5/8	81.93	5/8	211.60	5/8	342.63	5/8	471.25	5/8	599.91	5/8	731.41	5/8	862.59	5/8	993.21	5/8	1,124.52	5/8	1,256.07
3/4	84.54	3/4	214.33	3/4	345.36	3/4	473.85	3/4	602.65	3/4	734.15	3/4	865.31	3/4	995.93	3/4	1,127.26	3/4	1,258.81
7/8	87.15	7/8	217.07	7/8	348.09	7/8	476.46	7/8	605.39	7/8	736.89	7/8	868.04	7/8	998.66	7/8	1,130.00	7/8	1,261.55
4	89.76	10	219.80	4	350.82	10	479.06	4	608.13	10	739.63	4	870.76	10	1,001.39	4	1,132.74	10	1,264.29
1/8	92.37	1/8	222.53	1/8	353.55	1/8	481.66	1/8	610.87	1/8	742.37	1/8	873.48	1/8	1,004.12	1/8	1,135.48	1/8	1,267.03
1/4	94.98	1/4	225.26	1/4	356.28	1/4	484.27	1/4	613.61	1/4	745.11	1/4	876.20	1/4	1,006.85	1/4	1,138.22	1/4	1,269.77
3/8	97.59	3/8	227.99	3/8	359.01	3/8	486.87	3/8	616.35	3/8	747.85	3/8	878.92	3/8	1,009.58	3/8	1,140.96	3/8	1,272.51
1/2	100.20	1/2	230.72	1/2	361.74	1/2	489.47	1/2	619.09	1/2	750.59	1/2	881.64	1/2	1,012.30	1/2	1,143.70	1/2	1,275.25
5/8	102.81	5/8	233.46	5/8	364.47	5/8	492.07	5/8	621.83	5/8	753.33	5/8	884.36	5/8	1,015.03	5/8	1,146.45	5/8	1,277.99
3/4	105.42	3/4	236.19	3/4	367.20	3/4	494.68	3/4	624.57	3/4	756.07	3/4	887.08	3/4	1,017.76	3/4	1,149.19	3/4	1,280.73
7/8	108.03	7/8	238.92	7/8	369.93	7/8	497.28	7/8	627.31	7/8	758.81	7/8	889.80	7/8	1,020.49	7/8	1,151.93	7/8	1,283.47
5	110.64	11	241.65	5	372.66	11	499.88	5	630.05	11	761.55	5	892.52	11	1,023.22	5	1,154.67	11	1,286.21
1/8	113.34	1/8	244.38	1/8	375.39	1/8	502.48	1/8	632.79	1/8	764.29	1/8	895.24	1/8	1,025.95	1/8	1,157.41	1/8	1,288.95
1/4	116.05	1/4	247.11	1/4	378.12	1/4	505.09	1/4	635.53	1/4	767.03	1/4	897.96	1/4	1,028.68	1/4	1,160.15	1/4	1,291.69
3/8	118.75	3/8	249.84	3/8	380.85	3/8	507.69	3/8	638.27	3/8	769.77	3/8	900.68	3/8	1,031.41	3/8	1,162.89	3/8	1,294.43
1/2	121.45	1/2	252.56	1/2	383.57	1/2	510.29	1/2	641.01	1/2	772.50	1/2	903.40	1/2	1,034.14	1/2	1,165.63	1/2	1,297.17
5/8	124.16	5/8	255.29	5/8	386.30	5/8	512.90	5/8	643.75	5/8	775.24	5/8	906.12	5/8	1,036.88	5/8	1,168.37	5/8	1,299.92
3/4	126.86	3/4	258.02	3/4	389.03	3/4	515.50	3/4	646.49	3/4	777.98	3/4	908.84	3/4	1,039.61	3/4	1,171.11	3/4	1,302.66
7/8	129.57	7/8	260.75	7/8	391.76	7/8	518.11	7/8	649.23	7/8	780.72	7/8	911.56	7/8	1,042.34	7/8	1,173.85	7/8	1,305.40

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 11'-03" OFF CENTERLINE AND 33'-00" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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Pearland, Texas 77588

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BARGE "KIRBY 28750"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HMS 301"

GAUGE HEIGHT 17'-02 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	1,308.14	6	1,439.68	0	1,571.22	6	1,702.77	0	1,834.31	6	1,965.86	0	2,097.40	6	2,228.94	0	2,360.49	6	2,492.03
1/8	1,310.88	1/8	1,442.42	1/8	1,573.96	1/8	1,705.51	1/8	1,837.05	1/8	1,968.60	1/8	2,100.14	1/8	2,231.68	1/8	2,363.23	1/8	2,494.77
1/4	1,313.62	1/4	1,445.16	1/4	1,576.70	1/4	1,708.25	1/4	1,839.79	1/4	1,971.34	1/4	2,102.88	1/4	2,234.42	1/4	2,365.97	1/4	2,497.51
3/8	1,316.36	3/8	1,447.90	3/8	1,579.44	3/8	1,710.99	3/8	1,842.53	3/8	1,974.08	3/8	2,105.62	3/8	2,237.16	3/8	2,368.71	3/8	2,500.25
1/2	1,319.10	1/2	1,450.64	1/2	1,582.18	1/2	1,713.73	1/2	1,845.27	1/2	1,976.82	1/2	2,108.36	1/2	2,239.90	1/2	2,371.45	1/2	2,502.99
5/8	1,321.84	5/8	1,453.38	5/8	1,584.93	5/8	1,716.47	5/8	1,848.02	5/8	1,979.56	5/8	2,111.10	5/8	2,242.65	5/8	2,374.19	5/8	2,505.74
3/4	1,324.58	3/4	1,456.12	3/4	1,587.67	3/4	1,719.21	3/4	1,850.76	3/4	1,982.30	3/4	2,113.84	3/4	2,245.39	3/4	2,376.93	3/4	2,508.48
7/8	1,327.32	7/8	1,458.86	7/8	1,590.41	7/8	1,721.95	7/8	1,853.50	7/8	1,985.04	7/8	2,116.58	7/8	2,248.13	7/8	2,379.67	7/8	2,511.22
1	1,330.06	7	1,461.60	1	1,593.15	7	1,724.69	1	1,856.24	7	1,987.78	1	2,119.32	7	2,250.87	1	2,382.41	7	2,513.96
1/8	1,332.80	1/8	1,464.34	1/8	1,595.89	1/8	1,727.43	1/8	1,858.98	1/8	1,990.52	1/8	2,122.06	1/8	2,253.61	1/8	2,385.15	1/8	2,516.70
1/4	1,335.54	1/4	1,467.08	1/4	1,598.63	1/4	1,730.17	1/4	1,861.72	1/4	1,993.26	1/4	2,124.80	1/4	2,256.35	1/4	2,387.89	1/4	2,519.44
3/8	1,338.28	3/8	1,469.82	3/8	1,601.37	3/8	1,732.91	3/8	1,864.46	3/8	1,996.00	3/8	2,127.54	3/8	2,259.09	3/8	2,390.63	3/8	2,522.18
1/2	1,341.02	1/2	1,472.56	1/2	1,604.11	1/2	1,735.65	1/2	1,867.20	1/2	1,998.74	1/2	2,130.28	1/2	2,261.83	1/2	2,393.37	1/2	2,524.92
5/8	1,343.76	5/8	1,475.31	5/8	1,606.85	5/8	1,738.40	5/8	1,869.94	5/8	2,001.48	5/8	2,133.03	5/8	2,264.57	5/8	2,396.12	5/8	2,527.66
3/4	1,346.50	3/4	1,478.05	3/4	1,609.59	3/4	1,741.14	3/4	1,872.68	3/4	2,004.22	3/4	2,135.77	3/4	2,267.31	3/4	2,398.86	3/4	2,530.40
7/8	1,349.24	7/8	1,480.79	7/8	1,612.33	7/8	1,743.88	7/8	1,875.42	7/8	2,006.96	7/8	2,138.51	7/8	2,270.05	7/8	2,401.60	7/8	2,533.14
2	1,351.98	8	1,483.53	2	1,615.07	8	1,746.62	2	1,878.16	8	2,009.70	2	2,141.25	8	2,272.79	2	2,404.34	8	2,535.88
1/8	1,354.72	1/8	1,486.27	1/8	1,617.81	1/8	1,749.36	1/8	1,880.90	1/8	2,012.44	1/8	2,143.99	1/8	2,275.53	1/8	2,407.08	1/8	2,538.62
1/4	1,357.46	1/4	1,489.01	1/4	1,620.55	1/4	1,752.10	1/4	1,883.64	1/4	2,015.18	1/4	2,146.73	1/4	2,278.27	1/4	2,409.82	1/4	2,541.36
3/8	1,360.20	3/8	1,491.75	3/8	1,623.29	3/8	1,754.84	3/8	1,886.38	3/8	2,017.92	3/8	2,149.47	3/8	2,281.01	3/8	2,412.56	3/8	2,544.10
1/2	1,362.94	1/2	1,494.49	1/2	1,626.03	1/2	1,757.58	1/2	1,889.12	1/2	2,020.66	1/2	2,152.21	1/2	2,283.75	1/2	2,415.30	1/2	2,546.84
5/8	1,365.69	5/8	1,497.23	5/8	1,628.78	5/8	1,760.32	5/8	1,891.86	5/8	2,023.41	5/8	2,154.95	5/8	2,286.50	5/8	2,418.04	5/8	2,549.58
3/4	1,368.43	3/4	1,499.97	3/4	1,631.52	3/4	1,763.06	3/4	1,894.60	3/4	2,026.15	3/4	2,157.69	3/4	2,289.24	3/4	2,420.78	3/4	2,552.32
7/8	1,371.17	7/8	1,502.71	7/8	1,634.26	7/8	1,765.80	7/8	1,897.34	7/8	2,028.89	7/8	2,160.43	7/8	2,291.98	7/8	2,423.52	7/8	2,555.06
3	1,373.91	9	1,505.45	3	1,637.00	9	1,768.54	3	1,900.08	9	2,031.63	3	2,163.17	9	2,294.72	3	2,426.26	9	2,557.80
1/8	1,376.65	1/8	1,508.19	1/8	1,639.74	1/8	1,771.28	1/8	1,902.82	1/8	2,034.37	1/8	2,165.91	1/8	2,297.46	1/8	2,429.00	1/8	2,560.54
1/4	1,379.39	1/4	1,510.93	1/4	1,642.48	1/4	1,774.02	1/4	1,905.56	1/4	2,037.11	1/4	2,168.65	1/4	2,300.20	1/4	2,431.74	1/4	2,563.28
3/8	1,382.13	3/8	1,513.67	3/8	1,645.22	3/8	1,776.76	3/8	1,908.30	3/8	2,039.85	3/8	2,171.39	3/8	2,302.94	3/8	2,434.48	3/8	2,566.02
1/2	1,384.87	1/2	1,516.41	1/2	1,647.96	1/2	1,779.50	1/2	1,911.04	1/2	2,042.59	1/2	2,174.13	1/2	2,305.68	1/2	2,437.22	1/2	2,568.76
5/8	1,387.61	5/8	1,519.16	5/8	1,650.70	5/8	1,782.24	5/8	1,913.79	5/8	2,045.33	5/8	2,176.88	5/8	2,308.42	5/8	2,439.96	5/8	2,571.51
3/4	1,390.35	3/4	1,521.90	3/4	1,653.44	3/4	1,784.98	3/4	1,916.53	3/4	2,048.07	3/4	2,179.62	3/4	2,311.16	3/4	2,442.70	3/4	2,574.25
7/8	1,393.09	7/8	1,524.64	7/8	1,656.18	7/8	1,787.72	7/8	1,919.27	7/8	2,050.81	7/8	2,182.36	7/8	2,313.90	7/8	2,445.44	7/8	2,576.99
4	1,395.83	10	1,527.38	4	1,658.92	10	1,790.46	4	1,922.01	10	2,053.55	4	2,185.10	10	2,316.64	4	2,448.18	10	2,579.73
1/8	1,398.57	1/8	1,530.12	1/8	1,661.66	1/8	1,793.20	1/8	1,924.75	1/8	2,056.29	1/8	2,187.84	1/8	2,319.38	1/8	2,450.92	1/8	2,582.47
1/4	1,401.31	1/4	1,532.86	1/4	1,664.40	1/4	1,795.94	1/4	1,927.49	1/4	2,059.03	1/4	2,190.58	1/4	2,322.12	1/4	2,453.66	1/4	2,585.21
3/8	1,404.05	3/8	1,535.60	3/8	1,667.14	3/8	1,798.68	3/8	1,930.23	3/8	2,061.77	3/8	2,193.32	3/8	2,324.86	3/8	2,456.40	3/8	2,587.95
1/2	1,406.79	1/2	1,538.34	1/2	1,669.88	1/2	1,801.42	1/2	1,932.97	1/2	2,064.51	1/2	2,196.06	1/2	2,327.60	1/2	2,459.14	1/2	2,590.69
5/8	1,409.54	5/8	1,541.08	5/8	1,672.62	5/8	1,804.17	5/8	1,935.71	5/8	2,067.26	5/8	2,198.80	5/8	2,330.34	5/8	2,461.89	5/8	2,593.43
3/4	1,412.28	3/4	1,543.82	3/4	1,675.36	3/4	1,806.91	3/4	1,938.45	3/4	2,070.00	3/4	2,201.54	3/4	2,333.08	3/4	2,464.63	3/4	2,596.17
7/8	1,415.02	7/8	1,546.56	7/8	1,678.10	7/8	1,809.65	7/8	1,941.19	7/8	2,072.74	7/8	2,204.28	7/8	2,335.82	7/8	2,467.37	7/8	2,598.91
5	1,417.76	11	1,549.30	5	1,680.84	11	1,812.39	5	1,943.93	11	2,075.48	5	2,207.02	11	2,338.56	5	2,470.11	11	2,601.65
1/8	1,420.50	1/8	1,552.04	1/8	1,683.58	1/8	1,815.13	1/8	1,946.67	1/8	2,078.22	1/8	2,209.76	1/8	2,341.30	1/8	2,472.85	1/8	2,604.39
1/4	1,423.24	1/4	1,554.78	1/4	1,686.32	1/4	1,817.87	1/4	1,949.41	1/4	2,080.96	1/4	2,212.50	1/4	2,344.04	1/4	2,475.59	1/4	2,607.13
3/8	1,425.98	3/8	1,557.52	3/8	1,689.06	3/8	1,820.61	3/8	1,952.15	3/8	2,083.70	3/8	2,215.24	3/8	2,346.78	3/8	2,478.33	3/8	2,609.87
1/2	1,428.72	1/2	1,560.26	1/2	1,691.80	1/2	1,823.35	1/2	1,954.89	1/2	2,086.44	1/2	2,217.98	1/2	2,349.52	1/2	2,481.07	1/2	2,612.61
5/8	1,431.46	5/8	1,563.00	5/8	1,694.55	5/8	1,826.09	5/8	1,957.64	5/8	2,089.18	5/8	2,220.72	5/8	2,352.27	5/8	2,483.81	5/8	2,615.36
3/4	1,434.20	3/4	1,565.74	3/4	1,697.29	3/4	1,828.83	3/4	1,960.38	3/4	2,091.92	3/4	2,223.46	3/4	2,355.01	3/4	2,486.55	3/4	2,618.10
7/8	1,436.94	7/8	1,568.48	7/8	1,700.03	7/8	1,831.57	7/8	1,963.12	7/8	2,094.66	7/8	2,226.20	7/8	2,357.75	7/8	2,489.29	7/8	2,620.84

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BARGE "KIRBY 28750"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HMS 301"

GAUGE HEIGHT 17'-02 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	2,623.58	6	2,755.12	0	2,886.66	6	3,018.21	0	3,149.75	6	3,278.66	0	3,406.87	6	3,535.08	0	3,662.49	6	3,743.16
1/8	2,626.32	1/8	2,757.86	1/8	2,889.40	1/8	3,020.95	1/8	3,152.49	1/8	3,281.33	1/8	3,409.54	1/8	3,537.75	1/8	3,665.19	1/8	3,743.41
1/4	2,629.06	1/4	2,760.60	1/4	2,892.14	1/4	3,023.69	1/4	3,155.23	1/4	3,284.00	1/4	3,412.21	1/4	3,540.42	1/4	3,667.89	1/4	3,743.67
3/8	2,631.80	3/8	2,763.34	3/8	2,894.88	3/8	3,026.43	3/8	3,157.97	3/8	3,286.67	3/8	3,414.88	3/8	3,543.09	3/8	3,670.59	3/8	
1/2	2,634.54	1/2	2,766.08	1/2	2,897.62	1/2	3,029.17	1/2	3,160.71	1/2	3,289.34	1/2	3,417.55	1/2	3,545.76	1/2	3,673.29	1/2	
5/8	2,637.28	5/8	2,768.82	5/8	2,900.37	5/8	3,031.91	5/8	3,163.46	5/8	3,292.01	5/8	3,420.22	5/8	3,548.44	5/8	3,676.00	5/8	
3/4	2,640.02	3/4	2,771.56	3/4	2,903.11	3/4	3,034.65	3/4	3,166.20	3/4	3,294.69	3/4	3,422.90	3/4	3,551.11	3/4	3,678.70	3/4	
7/8	2,642.76	7/8	2,774.30	7/8	2,905.85	7/8	3,037.39	7/8	3,168.94	7/8	3,297.36	7/8	3,425.57	7/8	3,553.78	7/8	3,681.40	7/8	
1	2,645.50	7	2,777.04	1	2,908.59	7	3,040.13	1	3,171.68	7	3,300.03	1	3,428.24	7	3,556.45	1	3,684.10	7	
1/8	2,648.24	1/8	2,779.78	1/8	2,911.33	1/8	3,042.87	1/8	3,174.37	1/8	3,302.70	1/8	3,430.91	1/8	3,559.10	1/8	3,686.62	1/8	
1/4	2,650.98	1/4	2,782.52	1/4	2,914.07	1/4	3,045.61	1/4	3,177.05	1/4	3,305.37	1/4	3,433.58	1/4	3,561.76	1/4	3,689.15	1/4	
3/8	2,653.72	3/8	2,785.26	3/8	2,916.81	3/8	3,048.35	3/8	3,179.74	3/8	3,308.04	3/8	3,436.25	3/8	3,564.41	3/8	3,691.67	3/8	
1/2	2,656.46	1/2	2,788.00	1/2	2,919.55	1/2	3,051.09	1/2	3,182.43	1/2	3,310.71	1/2	3,438.92	1/2	3,567.07	1/2	3,694.19	1/2	
5/8	2,659.20	5/8	2,790.75	5/8	2,922.29	5/8	3,053.84	5/8	3,185.12	5/8	3,313.38	5/8	3,441.59	5/8	3,569.72	5/8	3,696.72	5/8	
3/4	2,661.94	3/4	2,793.49	3/4	2,925.03	3/4	3,056.58	3/4	3,187.80	3/4	3,316.06	3/4	3,444.27	3/4	3,572.38	3/4	3,699.24	3/4	
7/8	2,664.68	7/8	2,796.23	7/8	2,927.77	7/8	3,059.32	7/8	3,190.49	7/8	3,318.73	7/8	3,446.94	7/8	3,575.03	7/8	3,701.77	7/8	
2	2,667.42	8	2,798.97	2	2,930.51	8	3,062.06	2	3,193.18	8	3,321.40	2	3,449.61	8	3,577.69	2	3,704.29	8	
1/8	2,670.16	1/8	2,801.71	1/8	2,933.25	1/8	3,064.80	1/8	3,195.85	1/8	3,324.07	1/8	3,452.28	1/8	3,580.34	1/8	3,706.33	1/8	
1/4	2,672.90	1/4	2,804.45	1/4	2,935.99	1/4	3,067.54	1/4	3,198.52	1/4	3,326.74	1/4	3,454.95	1/4	3,582.99	1/4	3,708.37	1/4	
3/8	2,675.64	3/8	2,807.19	3/8	2,938.73	3/8	3,070.28	3/8	3,201.19	3/8	3,329.41	3/8	3,457.62	3/8	3,585.64	3/8	3,710.41	3/8	
1/2	2,678.38	1/2	2,809.93	1/2	2,941.47	1/2	3,073.02	1/2	3,203.86	1/2	3,332.08	1/2	3,460.29	1/2	3,588.29	1/2	3,712.45	1/2	
5/8	2,681.13	5/8	2,812.67	5/8	2,944.22	5/8	3,075.76	5/8	3,206.54	5/8	3,334.75	5/8	3,462.96	5/8	3,590.94	5/8	3,714.49	5/8	
3/4	2,683.87	3/4	2,815.41	3/4	2,946.96	3/4	3,078.50	3/4	3,209.21	3/4	3,337.42	3/4	3,465.64	3/4	3,593.59	3/4	3,716.53	3/4	
7/8	2,686.61	7/8	2,818.15	7/8	2,949.70	7/8	3,081.24	7/8	3,211.88	7/8	3,340.09	7/8	3,468.31	7/8	3,596.24	7/8	3,718.57	7/8	
3	2,689.35	9	2,820.89	3	2,952.44	9	3,083.98	3	3,214.55	9	3,342.76	3	3,470.98	9	3,598.89	3	3,720.61	9	
1/8	2,692.09	1/8	2,823.63	1/8	2,955.18	1/8	3,086.72	1/8	3,217.22	1/8	3,345.43	1/8	3,473.65	1/8	3,601.54	1/8	3,722.10	1/8	
1/4	2,694.83	1/4	2,826.37	1/4	2,957.92	1/4	3,089.46	1/4	3,219.89	1/4	3,348.10	1/4	3,476.32	1/4	3,604.19	1/4	3,723.59	1/4	
3/8	2,697.57	3/8	2,829.11	3/8	2,960.66	3/8	3,092.20	3/8	3,222.56	3/8	3,350.77	3/8	3,478.99	3/8	3,606.84	3/8	3,725.08	3/8	
1/2	2,700.31	1/2	2,831.85	1/2	2,963.40	1/2	3,094.94	1/2	3,225.23	1/2	3,353.44	1/2	3,481.66	1/2	3,609.49	1/2	3,726.56	1/2	
5/8	2,703.05	5/8	2,834.60	5/8	2,966.14	5/8	3,097.68	5/8	3,227.91	5/8	3,356.12	5/8	3,484.33	5/8	3,612.14	5/8	3,728.05	5/8	
3/4	2,705.79	3/4	2,837.34	3/4	2,968.88	3/4	3,100.42	3/4	3,230.58	3/4	3,358.79	3/4	3,487.00	3/4	3,614.79	3/4	3,729.54	3/4	
7/8	2,708.53	7/8	2,840.08	7/8	2,971.62	7/8	3,103.16	7/8	3,233.25	7/8	3,361.46	7/8	3,489.68	7/8	3,617.44	7/8	3,731.03	7/8	
4	2,711.27	10	2,842.82	4	2,974.36	10	3,105.90	4	3,235.92	10	3,364.13	4	3,492.35	10	3,620.09	4	3,732.52	10	
1/8	2,714.01	1/8	2,845.56	1/8	2,977.10	1/8	3,108.64	1/8	3,238.59	1/8	3,366.80	1/8	3,495.02	1/8	3,622.74	1/8	3,733.46	1/8	
1/4	2,716.75	1/4	2,848.30	1/4	2,979.84	1/4	3,111.38	1/4	3,241.26	1/4	3,369.47	1/4	3,497.69	1/4	3,625.39	1/4	3,734.40	1/4	
3/8	2,719.49	3/8	2,851.04	3/8	2,982.58	3/8	3,114.12	3/8	3,243.93	3/8	3,372.14	3/8	3,500.36	3/8	3,628.04	3/8	3,735.34	3/8	
1/2	2,722.23	1/2	2,853.78	1/2	2,985.32	1/2	3,116.86	1/2	3,246.60	1/2	3,374.81	1/2	3,503.03	1/2	3,630.69	1/2	3,736.28	1/2	
5/8	2,724.98	5/8	2,856.52	5/8	2,988.06	5/8	3,119.61	5/8	3,249.28	5/8	3,377.49	5/8	3,505.70	5/8	3,633.34	5/8	3,737.22	5/8	
3/4	2,727.72	3/4	2,859.26	3/4	2,990.80	3/4	3,122.35	3/4	3,251.95	3/4	3,380.16	3/4	3,508.37	3/4	3,635.99	3/4	3,738.16	3/4	
7/8	2,730.46	7/8	2,862.00	7/8	2,993.54	7/8	3,125.09	7/8	3,254.62	7/8	3,382.83	7/8	3,511.05	7/8	3,638.64	7/8	3,739.10	7/8	
5	2,733.20	11	2,864.74	5	2,996.28	11	3,127.83	5	3,257.29	11	3,385.50	5	3,513.72	11	3,641.29	5	3,740.04	11	
1/8	2,735.94	1/8	2,867.48	1/8	2,999.02	1/8	3,130.57	1/8	3,259.96	1/8	3,388.17	1/8	3,516.39	1/8	3,643.94	1/8	3,740.43	1/8	
1/4	2,738.68	1/4	2,870.22	1/4	3,001.76	1/4	3,133.31	1/4	3,262.63	1/4	3,390.84	1/4	3,519.06	1/4	3,646.59	1/4	3,740.82	1/4	
3/8	2,741.42	3/8	2,872.96	3/8	3,004.50	3/8	3,136.05	3/8	3,265.30	3/8	3,393.51	3/8	3,521.73	3/8	3,649.24	3/8	3,741.21	3/8	
1/2	2,744.16	1/2	2,875.70	1/2	3,007.24	1/2	3,138.79	1/2	3,267.97	1/2	3,396.18	1/2	3,524.40	1/2	3,651.89	1/2	3,741.60	1/2	
5/8	2,746.90	5/8	2,878.44	5/8	3,009.99	5/8	3,141.53	5/8	3,270.64	5/8	3,398.86	5/8	3,527.07	5/8	3,654.54	5/8	3,741.99	5/8	
3/4	2,749.64	3/4	2,881.18	3/4	3,012.73	3/4	3,144.27	3/4	3,273.32	3/4	3,401.53	3/4	3,529.74	3/4	3,657.19	3/4	3,742.38	3/4	
7/8	2,752.38	7/8	2,883.92	7/8	3,015.47	7/8	3,147.01	7/8	3,275.99	7/8	3,404.20	7/8	3,532.41	7/8	3,659.84	7/8	3,742.77	7/8	

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BARGE "KIRBY 28750"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HMS 301"

GAUGE HEIGHT 17'-02 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	12.40	6	132.25	0	263.44	6	394.43	0	520.63	6	651.87	0	783.34	6	914.16	0	1,044.95	6	1,176.45
1/8	14.36	1/8	134.98	1/8	266.17	1/8	397.16	1/8	523.34	1/8	654.61	1/8	786.07	1/8	916.88	1/8	1,047.69	1/8	1,179.19
1/4	16.31	1/4	137.72	1/4	268.90	1/4	399.89	1/4	526.04	1/4	657.35	1/4	788.81	1/4	919.60	1/4	1,050.42	1/4	1,181.93
3/8	18.27	3/8	140.45	3/8	271.63	3/8	402.62	3/8	528.75	3/8	660.09	3/8	791.54	3/8	922.32	3/8	1,053.16	3/8	1,184.67
1/2	20.22	1/2	143.19	1/2	274.36	1/2	405.35	1/2	531.45	1/2	662.83	1/2	794.27	1/2	925.04	1/2	1,055.90	1/2	1,187.41
5/8	22.18	5/8	145.92	5/8	277.08	5/8	408.08	5/8	534.16	5/8	665.57	5/8	797.00	5/8	927.76	5/8	1,058.64	5/8	1,190.15
3/4	24.14	3/4	148.66	3/4	279.81	3/4	410.81	3/4	536.87	3/4	668.31	3/4	799.74	3/4	930.48	3/4	1,061.37	3/4	1,192.89
7/8	26.09	7/8	151.39	7/8	282.54	7/8	413.54	7/8	539.57	7/8	671.05	7/8	802.47	7/8	933.20	7/8	1,064.11	7/8	1,195.63
1	28.05	7	154.13	1	285.27	7	416.27	1	542.28	7	673.79	1	805.20	7	935.92	1	1,066.85	7	1,198.37
1/8	30.54	1/8	156.86	1/8	288.00	1/8	418.90	1/8	545.02	1/8	676.53	1/8	807.93	1/8	938.64	1/8	1,069.59	1/8	1,201.11
1/4	33.04	1/4	159.60	1/4	290.73	1/4	421.54	1/4	547.76	1/4	679.27	1/4	810.66	1/4	941.36	1/4	1,072.33	1/4	1,203.85
3/8	35.53	3/8	162.33	3/8	293.46	3/8	424.17	3/8	550.50	3/8	682.01	3/8	813.39	3/8	944.08	3/8	1,075.07	3/8	1,206.59
1/2	38.03	1/2	165.07	1/2	296.19	1/2	426.80	1/2	553.24	1/2	684.74	1/2	816.11	1/2	946.80	1/2	1,077.81	1/2	1,209.33
5/8	40.52	5/8	167.80	5/8	298.92	5/8	429.44	5/8	555.98	5/8	687.48	5/8	818.84	5/8	949.53	5/8	1,080.55	5/8	1,212.08
3/4	43.02	3/4	170.54	3/4	301.65	3/4	432.07	3/4	558.72	3/4	690.22	3/4	821.57	3/4	952.25	3/4	1,083.29	3/4	1,214.82
7/8	45.51	7/8	173.27	7/8	304.38	7/8	434.71	7/8	561.46	7/8	692.96	7/8	824.30	7/8	954.97	7/8	1,086.03	7/8	1,217.56
2	48.01	8	176.01	2	307.11	8	437.34	2	564.20	8	695.70	2	827.03	8	957.69	2	1,088.77	8	1,220.30
1/8	50.62	1/8	178.74	1/8	309.84	1/8	439.94	1/8	566.94	1/8	698.44	1/8	829.76	1/8	960.41	1/8	1,091.51	1/8	1,223.04
1/4	53.23	1/4	181.48	1/4	312.57	1/4	442.55	1/4	569.68	1/4	701.18	1/4	832.49	1/4	963.13	1/4	1,094.25	1/4	1,225.78
3/8	55.84	3/8	184.21	3/8	315.30	3/8	445.15	3/8	572.42	3/8	703.92	3/8	835.22	3/8	965.85	3/8	1,096.99	3/8	1,228.52
1/2	58.44	1/2	186.95	1/2	318.02	1/2	447.75	1/2	575.16	1/2	706.66	1/2	837.94	1/2	968.57	1/2	1,099.73	1/2	1,231.26
5/8	61.05	5/8	189.68	5/8	320.75	5/8	450.35	5/8	577.90	5/8	709.39	5/8	840.67	5/8	971.29	5/8	1,102.47	5/8	1,234.00
3/4	63.66	3/4	192.42	3/4	323.48	3/4	452.96	3/4	580.64	3/4	712.13	3/4	843.40	3/4	974.01	3/4	1,105.21	3/4	1,236.74
7/8	66.27	7/8	195.15	7/8	326.21	7/8	455.56	7/8	583.38	7/8	714.87	7/8	846.13	7/8	976.73	7/8	1,107.95	7/8	1,239.48
3	68.88	9	197.89	3	328.94	9	458.16	3	586.12	9	717.61	3	848.86	9	979.45	3	1,110.69	9	1,242.22
1/8	71.49	1/8	200.62	1/8	331.67	1/8	460.76	1/8	588.86	1/8	720.35	1/8	851.58	1/8	982.18	1/8	1,113.43	1/8	1,244.96
1/4	74.10	1/4	203.36	1/4	334.40	1/4	463.37	1/4	591.60	1/4	723.09	1/4	854.30	1/4	984.90	1/4	1,116.17	1/4	1,247.70
3/8	76.71	3/8	206.09	3/8	337.13	3/8	465.97	3/8	594.34	3/8	725.83	3/8	857.03	3/8	987.63	3/8	1,118.91	3/8	1,250.44
1/2	79.32	1/2	208.83	1/2	339.86	1/2	468.57	1/2	597.08	1/2	728.57	1/2	859.75	1/2	990.36	1/2	1,121.65	1/2	1,253.18
5/8	81.92	5/8	211.56	5/8	342.58	5/8	471.17	5/8	599.82	5/8	731.30	5/8	862.47	5/8	993.09	5/8	1,124.39	5/8	1,255.92
3/4	84.53	3/4	214.30	3/4	345.31	3/4	473.78	3/4	602.56	3/4	734.04	3/4	865.19	3/4	995.81	3/4	1,127.13	3/4	1,258.66
7/8	87.14	7/8	217.03	7/8	348.04	7/8	476.38	7/8	605.30	7/8	736.78	7/8	867.92	7/8	998.54	7/8	1,129.87	7/8	1,261.40
4	89.75	10	219.77	4	350.77	10	478.98	4	608.04	10	739.52	4	870.64	10	1,001.27	4	1,132.61	10	1,264.14
1/8	92.36	1/8	222.50	1/8	353.50	1/8	481.58	1/8	610.78	1/8	742.26	1/8	873.36	1/8	1,004.00	1/8	1,135.35	1/8	1,266.88
1/4	94.97	1/4	225.23	1/4	356.23	1/4	484.19	1/4	613.52	1/4	745.00	1/4	876.08	1/4	1,006.73	1/4	1,138.09	1/4	1,269.62
3/8	97.58	3/8	227.96	3/8	358.96	3/8	486.79	3/8	616.26	3/8	747.74	3/8	878.80	3/8	1,009.46	3/8	1,140.83	3/8	1,272.36
1/2	100.19	1/2	230.69	1/2	361.69	1/2	489.39	1/2	619.00	1/2	750.48	1/2	881.52	1/2	1,012.18	1/2	1,143.57	1/2	1,275.10
5/8	102.79	5/8	233.42	5/8	364.41	5/8	492.00	5/8	621.74	5/8	753.21	5/8	884.24	5/8	1,014.91	5/8	1,146.31	5/8	1,277.84
3/4	105.40	3/4	236.15	3/4	367.14	3/4	494.60	3/4	624.48	3/4	755.95	3/4	886.96	3/4	1,017.64	3/4	1,149.05	3/4	1,280.58
7/8	108.01	7/8	238.88	7/8	369.87	7/8	497.21	7/8	627.22	7/8	758.69	7/8	889.68	7/8	1,020.37	7/8	1,151.79	7/8	1,283.32
5	110.62	11	241.61	5	372.60	11	499.81	5	629.96	11	761.43	5	892.40	11	1,023.10	5	1,154.53	11	1,286.06
1/8	113.32	1/8	244.34	1/8	375.33	1/8	502.41	1/8	632.70	1/8	764.17	1/8	895.12	1/8	1,025.83	1/8	1,157.27	1/8	1,288.80
1/4	116.03	1/4	247.07	1/4	378.06	1/4	505.01	1/4	635.44	1/4	766.91	1/4	897.84	1/4	1,028.56	1/4	1,160.01	1/4	1,291.54
3/8	118.73	3/8	249.80	3/8	380.79	3/8	507.62	3/8	638.18	3/8	769.65	3/8	900.56	3/8	1,031.29	3/8	1,162.75	3/8	1,294.28
1/2	121.44	1/2	252.52	1/2	383.52	1/2	510.22	1/2	640.91	1/2	772.39	1/2	903.28	1/2	1,034.02	1/2	1,165.49	1/2	1,297.02
5/8	124.14	5/8	255.25	5/8	386.24	5/8	512.82	5/8	643.65	5/8	775.13	5/8	906.00	5/8	1,036.76	5/8	1,168.23	5/8	1,299.76
3/4	126.84	3/4	257.98	3/4	388.97	3/4	515.42	3/4	646.39	3/4	777.86	3/4	908.72	3/4	1,039.49	3/4	1,170.97	3/4	1,302.50
7/8	129.55	7/8	260.71	7/8	391.70	7/8	518.03	7/8	649.13	7/8	780.60	7/8	911.44	7/8	1,042.22	7/8	1,173.71	7/8	1,305.24

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 11'-03" 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 28750"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HMS 301"

GAUGE HEIGHT 17'-02 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	1,307.98	6	1,439.50	0	1,571.03	6	1,702.55	0	1,834.08	6	1,965.60	0	2,097.13	6	2,228.65	0	2,360.18	6	2,491.70
1/8	1,310.72	1/8	1,442.24	1/8	1,573.77	1/8	1,705.29	1/8	1,836.82	1/8	1,968.34	1/8	2,099.87	1/8	2,231.39	1/8	2,362.92	1/8	2,494.44
1/4	1,313.46	1/4	1,444.98	1/4	1,576.51	1/4	1,708.03	1/4	1,839.56	1/4	1,971.08	1/4	2,102.61	1/4	2,234.13	1/4	2,365.66	1/4	2,497.18
3/8	1,316.20	3/8	1,447.72	3/8	1,579.25	3/8	1,710.77	3/8	1,842.30	3/8	1,973.82	3/8	2,105.35	3/8	2,236.87	3/8	2,368.40	3/8	2,499.92
1/2	1,318.94	1/2	1,450.46	1/2	1,581.99	1/2	1,713.51	1/2	1,845.04	1/2	1,976.56	1/2	2,108.09	1/2	2,239.61	1/2	2,371.14	1/2	2,502.66
5/8	1,321.68	5/8	1,453.20	5/8	1,584.73	5/8	1,716.25	5/8	1,847.78	5/8	1,979.30	5/8	2,110.83	5/8	2,242.35	5/8	2,373.88	5/8	2,505.40
3/4	1,324.42	3/4	1,455.94	3/4	1,587.47	3/4	1,718.99	3/4	1,850.52	3/4	1,982.04	3/4	2,113.57	3/4	2,245.09	3/4	2,376.62	3/4	2,508.14
7/8	1,327.16	7/8	1,458.68	7/8	1,590.21	7/8	1,721.73	7/8	1,853.26	7/8	1,984.78	7/8	2,116.31	7/8	2,247.83	7/8	2,379.36	7/8	2,510.88
1	1,329.90	7	1,461.42	1	1,592.95	7	1,724.47	1	1,856.00	7	1,987.52	1	2,119.05	7	2,250.57	1	2,382.10	7	2,513.62
1/8	1,332.64	1/8	1,464.16	1/8	1,595.69	1/8	1,727.21	1/8	1,858.74	1/8	1,990.26	1/8	2,121.79	1/8	2,253.31	1/8	2,384.84	1/8	2,516.36
1/4	1,335.38	1/4	1,466.90	1/4	1,598.43	1/4	1,729.95	1/4	1,861.48	1/4	1,993.00	1/4	2,124.53	1/4	2,256.05	1/4	2,387.58	1/4	2,519.10
3/8	1,338.12	3/8	1,469.64	3/8	1,601.17	3/8	1,732.69	3/8	1,864.22	3/8	1,995.74	3/8	2,127.27	3/8	2,258.79	3/8	2,390.32	3/8	2,521.84
1/2	1,340.86	1/2	1,472.38	1/2	1,603.91	1/2	1,735.43	1/2	1,866.96	1/2	1,998.48	1/2	2,130.01	1/2	2,261.53	1/2	2,393.06	1/2	2,524.58
5/8	1,343.60	5/8	1,475.13	5/8	1,606.65	5/8	1,738.17	5/8	1,869.70	5/8	2,001.22	5/8	2,132.75	5/8	2,264.27	5/8	2,395.80	5/8	2,527.32
3/4	1,346.34	3/4	1,477.87	3/4	1,609.39	3/4	1,740.91	3/4	1,872.44	3/4	2,003.96	3/4	2,135.49	3/4	2,267.01	3/4	2,398.54	3/4	2,530.06
7/8	1,349.08	7/8	1,480.61	7/8	1,612.13	7/8	1,743.65	7/8	1,875.18	7/8	2,006.70	7/8	2,138.23	7/8	2,269.75	7/8	2,401.28	7/8	2,532.80
2	1,351.82	8	1,483.35	2	1,614.87	8	1,746.39	2	1,877.92	8	2,009.44	2	2,140.97	8	2,272.49	2	2,404.02	8	2,535.54
1/8	1,354.56	1/8	1,486.09	1/8	1,617.61	1/8	1,749.13	1/8	1,880.66	1/8	2,012.18	1/8	2,143.71	1/8	2,275.23	1/8	2,406.76	1/8	2,538.28
1/4	1,357.30	1/4	1,488.83	1/4	1,620.35	1/4	1,751.87	1/4	1,883.40	1/4	2,014.92	1/4	2,146.45	1/4	2,277.97	1/4	2,409.50	1/4	2,541.02
3/8	1,360.04	3/8	1,491.57	3/8	1,623.09	3/8	1,754.61	3/8	1,886.14	3/8	2,017.66	3/8	2,149.19	3/8	2,280.71	3/8	2,412.24	3/8	2,543.76
1/2	1,362.78	1/2	1,494.31	1/2	1,625.83	1/2	1,757.35	1/2	1,888.88	1/2	2,020.40	1/2	2,151.93	1/2	2,283.45	1/2	2,414.98	1/2	2,546.50
5/8	1,365.52	5/8	1,497.05	5/8	1,628.57	5/8	1,760.10	5/8	1,891.62	5/8	2,023.15	5/8	2,154.67	5/8	2,286.19	5/8	2,417.72	5/8	2,549.24
3/4	1,368.26	3/4	1,499.79	3/4	1,631.31	3/4	1,762.84	3/4	1,894.36	3/4	2,025.89	3/4	2,157.41	3/4	2,288.93	3/4	2,420.46	3/4	2,551.98
7/8	1,371.00	7/8	1,502.53	7/8	1,634.05	7/8	1,765.58	7/8	1,897.10	7/8	2,028.63	7/8	2,160.15	7/8	2,291.67	7/8	2,423.20	7/8	2,554.72
3	1,373.74	9	1,505.27	3	1,636.79	9	1,768.32	3	1,899.84	9	2,031.37	3	2,162.89	9	2,294.41	3	2,425.94	9	2,557.46
1/8	1,376.48	1/8	1,508.01	1/8	1,639.53	1/8	1,771.06	1/8	1,902.58	1/8	2,034.11	1/8	2,165.63	1/8	2,297.15	1/8	2,428.68	1/8	2,560.20
1/4	1,379.22	1/4	1,510.75	1/4	1,642.27	1/4	1,773.80	1/4	1,905.32	1/4	2,036.85	1/4	2,168.37	1/4	2,299.89	1/4	2,431.42	1/4	2,562.94
3/8	1,381.96	3/8	1,513.49	3/8	1,645.01	3/8	1,776.54	3/8	1,908.06	3/8	2,039.59	3/8	2,171.11	3/8	2,302.63	3/8	2,434.16	3/8	2,565.68
1/2	1,384.70	1/2	1,516.23	1/2	1,647.75	1/2	1,779.28	1/2	1,910.80	1/2	2,042.33	1/2	2,173.85	1/2	2,305.37	1/2	2,436.90	1/2	2,568.42
5/8	1,387.44	5/8	1,518.97	5/8	1,650.49	5/8	1,782.02	5/8	1,913.54	5/8	2,045.07	5/8	2,176.59	5/8	2,308.12	5/8	2,439.64	5/8	2,571.17
3/4	1,390.18	3/4	1,521.71	3/4	1,653.23	3/4	1,784.76	3/4	1,916.28	3/4	2,047.81	3/4	2,179.33	3/4	2,310.86	3/4	2,442.38	3/4	2,573.91
7/8	1,392.92	7/8	1,524.45	7/8	1,655.97	7/8	1,787.50	7/8	1,919.02	7/8	2,050.55	7/8	2,182.07	7/8	2,313.60	7/8	2,445.12	7/8	2,576.65
4	1,395.66	10	1,527.19	4	1,658.71	10	1,790.24	4	1,921.76	10	2,053.29	4	2,184.81	10	2,316.34	4	2,447.86	10	2,579.39
1/8	1,398.40	1/8	1,529.93	1/8	1,661.45	1/8	1,792.98	1/8	1,924.50	1/8	2,056.03	1/8	2,187.55	1/8	2,319.08	1/8	2,450.60	1/8	2,582.13
1/4	1,401.14	1/4	1,532.67	1/4	1,664.19	1/4	1,795.72	1/4	1,927.24	1/4	2,058.77	1/4	2,190.29	1/4	2,321.82	1/4	2,453.34	1/4	2,584.87
3/8	1,403.88	3/8	1,535.41	3/8	1,666.93	3/8	1,798.46	3/8	1,929.98	3/8	2,061.51	3/8	2,193.03	3/8	2,324.56	3/8	2,456.08	3/8	2,587.61
1/2	1,406.62	1/2	1,538.15	1/2	1,669.67	1/2	1,801.20	1/2	1,932.72	1/2	2,064.25	1/2	2,195.77	1/2	2,327.30	1/2	2,458.82	1/2	2,590.35
5/8	1,409.36	5/8	1,540.89	5/8	1,672.41	5/8	1,803.94	5/8	1,935.46	5/8	2,066.99	5/8	2,198.51	5/8	2,330.04	5/8	2,461.56	5/8	2,593.09
3/4	1,412.10	3/4	1,543.63	3/4	1,675.15	3/4	1,806.68	3/4	1,938.20	3/4	2,069.73	3/4	2,201.25	3/4	2,332.78	3/4	2,464.30	3/4	2,595.83
7/8	1,414.84	7/8	1,546.37	7/8	1,677.89	7/8	1,809.42	7/8	1,940.94	7/8	2,072.47	7/8	2,203.99	7/8	2,335.52	7/8	2,467.04	7/8	2,598.57
5	1,417.58	11	1,549.11	5	1,680.63	11	1,812.16	5	1,943.68	11	2,075.21	5	2,206.73	11	2,338.26	5	2,469.78	11	2,601.31
1/8	1,420.32	1/8	1,551.85	1/8	1,683.37	1/8	1,814.90	1/8	1,946.42	1/8	2,077.95	1/8	2,209.47	1/8	2,341.00	1/8	2,472.52	1/8	2,604.05
1/4	1,423.06	1/4	1,554.59	1/4	1,686.11	1/4	1,817.64	1/4	1,949.16	1/4	2,080.69	1/4	2,212.21	1/4	2,343.74	1/4	2,475.26	1/4	2,606.79
3/8	1,425.80	3/8	1,557.33	3/8	1,688.85	3/8	1,820.38	3/8	1,951.90	3/8	2,083.43	3/8	2,214.95	3/8	2,346.48	3/8	2,478.00	3/8	2,609.53
1/2	1,428.54	1/2	1,560.07	1/2	1,691.59	1/2	1,823.12	1/2	1,954.64	1/2	2,086.17	1/2	2,217.69	1/2	2,349.22	1/2	2,480.74	1/2	2,612.27
5/8	1,431.28	5/8	1,562.81	5/8	1,694.33	5/8	1,825.86	5/8	1,957.38	5/8	2,088.91	5/8	2,220.43	5/8	2,351.96	5/8	2,483.48	5/8	2,615.01
3/4	1,434.02	3/4	1,565.55	3/4	1,697.07	3/4	1,828.60	3/4	1,960.12	3/4	2,091.65	3/4	2,223.17	3/4	2,354.70	3/4	2,486.22	3/4	2,617.75
7/8	1,436.76	7/8	1,568.29	7/8	1,699.81	7/8	1,831.34	7/8	1,962.86	7/8	2,094.39	7/8	2,225.91	7/8	2,357.44	7/8	2,488.96	7/8	2,620.49

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BARGE "KIRBY 28750"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HMS 301"

GAUGE HEIGHT 17'-02 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	2,623.23	6	2,754.75	0	2,886.28	6	3,017.80	0	3,149.33	6	3,278.21	0	3,406.41	6	3,534.60	0	3,661.98	6	3,742.58
1/8	2,625.97	1/8	2,757.49	1/8	2,889.02	1/8	3,020.54	1/8	3,152.07	1/8	3,280.88	1/8	3,409.08	1/8	3,537.27	1/8	3,664.68	1/8	3,742.83
1/4	2,628.71	1/4	2,760.23	1/4	2,891.76	1/4	3,023.28	1/4	3,154.81	1/4	3,283.55	1/4	3,411.75	1/4	3,539.94	1/4	3,667.38	1/4	3,743.09
3/8	2,631.45	3/8	2,762.97	3/8	2,894.50	3/8	3,026.02	3/8	3,157.55	3/8	3,286.22	3/8	3,414.42	3/8	3,542.61	3/8	3,670.09	3/8	
1/2	2,634.19	1/2	2,765.71	1/2	2,897.24	1/2	3,028.76	1/2	3,160.29	1/2	3,288.89	1/2	3,417.09	1/2	3,545.28	1/2	3,672.79	1/2	
5/8	2,636.93	5/8	2,768.45	5/8	2,899.98	5/8	3,031.50	5/8	3,163.03	5/8	3,291.57	5/8	3,419.76	5/8	3,547.96	5/8	3,675.49	5/8	
3/4	2,639.67	3/4	2,771.19	3/4	2,902.72	3/4	3,034.24	3/4	3,165.77	3/4	3,294.24	3/4	3,422.43	3/4	3,550.63	3/4	3,678.19	3/4	
7/8	2,642.41	7/8	2,773.93	7/8	2,905.46	7/8	3,036.98	7/8	3,168.51	7/8	3,296.91	7/8	3,425.10	7/8	3,553.30	7/8	3,680.90	7/8	
1	2,645.15	7	2,776.67	1	2,908.20	7	3,039.72	1	3,171.25	7	3,299.58	1	3,427.77	7	3,555.97	1	3,683.60	7	
1/8	2,647.89	1/8	2,779.41	1/8	2,910.94	1/8	3,042.46	1/8	3,173.94	1/8	3,302.25	1/8	3,430.44	1/8	3,558.62	1/8	3,686.12	1/8	
1/4	2,650.63	1/4	2,782.15	1/4	2,913.68	1/4	3,045.20	1/4	3,176.62	1/4	3,304.92	1/4	3,433.11	1/4	3,561.28	1/4	3,688.63	1/4	
3/8	2,653.37	3/8	2,784.89	3/8	2,916.42	3/8	3,047.94	3/8	3,179.31	3/8	3,307.59	3/8	3,435.78	3/8	3,563.93	3/8	3,691.15	3/8	
1/2	2,656.11	1/2	2,787.63	1/2	2,919.16	1/2	3,050.68	1/2	3,182.00	1/2	3,310.26	1/2	3,438.45	1/2	3,566.58	1/2	3,693.66	1/2	
5/8	2,658.85	5/8	2,790.37	5/8	2,921.90	5/8	3,053.42	5/8	3,184.69	5/8	3,312.93	5/8	3,441.13	5/8	3,569.24	5/8	3,696.18	5/8	
3/4	2,661.59	3/4	2,793.11	3/4	2,924.64	3/4	3,056.16	3/4	3,187.37	3/4	3,315.60	3/4	3,443.80	3/4	3,571.89	3/4	3,698.70	3/4	
7/8	2,664.33	7/8	2,795.85	7/8	2,927.38	7/8	3,058.90	7/8	3,190.06	7/8	3,318.27	7/8	3,446.47	7/8	3,574.55	7/8	3,701.21	7/8	
2	2,667.07	8	2,798.59	2	2,930.12	8	3,061.64	2	3,192.75	8	3,320.94	2	3,449.14	8	3,577.20	2	3,703.73	8	
1/8	2,669.81	1/8	2,801.33	1/8	2,932.86	1/8	3,064.38	1/8	3,195.42	1/8	3,323.61	1/8	3,451.81	1/8	3,579.85	1/8	3,705.77	1/8	
1/4	2,672.55	1/4	2,804.07	1/4	2,935.60	1/4	3,067.12	1/4	3,198.09	1/4	3,326.28	1/4	3,454.48	1/4	3,582.50	1/4	3,707.81	1/4	
3/8	2,675.29	3/8	2,806.81	3/8	2,938.34	3/8	3,069.86	3/8	3,200.76	3/8	3,328.95	3/8	3,457.15	3/8	3,585.15	3/8	3,709.85	3/8	
1/2	2,678.03	1/2	2,809.55	1/2	2,941.08	1/2	3,072.60	1/2	3,203.43	1/2	3,331.62	1/2	3,459.82	1/2	3,587.80	1/2	3,711.88	1/2	
5/8	2,680.77	5/8	2,812.29	5/8	2,943.82	5/8	3,075.34	5/8	3,206.11	5/8	3,334.30	5/8	3,462.49	5/8	3,590.45	5/8	3,713.92	5/8	
3/4	2,683.51	3/4	2,815.03	3/4	2,946.56	3/4	3,078.08	3/4	3,208.78	3/4	3,336.97	3/4	3,465.16	3/4	3,593.10	3/4	3,715.96	3/4	
7/8	2,686.25	7/8	2,817.77	7/8	2,949.30	7/8	3,080.82	7/8	3,211.45	7/8	3,339.64	7/8	3,467.83	7/8	3,595.75	7/8	3,718.00	7/8	
3	2,688.99	9	2,820.51	3	2,952.04	9	3,083.56	3	3,214.12	9	3,342.31	3	3,470.50	9	3,598.40	3	3,720.04	9	
1/8	2,691.73	1/8	2,823.25	1/8	2,954.78	1/8	3,086.30	1/8	3,216.79	1/8	3,344.98	1/8	3,473.17	1/8	3,601.05	1/8	3,721.53	1/8	
1/4	2,694.47	1/4	2,825.99	1/4	2,957.52	1/4	3,089.04	1/4	3,219.46	1/4	3,347.65	1/4	3,475.84	1/4	3,603.70	1/4	3,723.02	1/4	
3/8	2,697.21	3/8	2,828.73	3/8	2,960.26	3/8	3,091.78	3/8	3,222.13	3/8	3,350.32	3/8	3,478.51	3/8	3,606.35	3/8	3,724.51	3/8	
1/2	2,699.95	1/2	2,831.47	1/2	2,963.00	1/2	3,094.52	1/2	3,224.80	1/2	3,352.99	1/2	3,481.18	1/2	3,608.99	1/2	3,725.99	1/2	
5/8	2,702.69	5/8	2,834.21	5/8	2,965.74	5/8	3,097.26	5/8	3,227.47	5/8	3,355.67	5/8	3,483.86	5/8	3,611.64	5/8	3,727.48	5/8	
3/4	2,705.43	3/4	2,836.95	3/4	2,968.48	3/4	3,100.00	3/4	3,230.14	3/4	3,358.34	3/4	3,486.53	3/4	3,614.29	3/4	3,728.97	3/4	
7/8	2,708.17	7/8	2,839.69	7/8	2,971.22	7/8	3,102.74	7/8	3,232.81	7/8	3,361.01	7/8	3,489.20	7/8	3,616.94	7/8	3,730.46	7/8	
4	2,710.91	10	2,842.43	4	2,973.96	10	3,105.48	4	3,235.48	10	3,363.68	4	3,491.87	10	3,619.59	4	3,731.95	10	
1/8	2,713.65	1/8	2,845.17	1/8	2,976.70	1/8	3,108.22	1/8	3,238.15	1/8	3,366.35	1/8	3,494.54	1/8	3,622.24	1/8	3,732.89	1/8	
1/4	2,716.39	1/4	2,847.91	1/4	2,979.44	1/4	3,110.96	1/4	3,240.82	1/4	3,369.02	1/4	3,497.21	1/4	3,624.89	1/4	3,733.83	1/4	
3/8	2,719.13	3/8	2,850.65	3/8	2,982.18	3/8	3,113.70	3/8	3,243.49	3/8	3,371.69	3/8	3,499.88	3/8	3,627.54	3/8	3,734.77	3/8	
1/2	2,721.87	1/2	2,853.39	1/2	2,984.92	1/2	3,116.44	1/2	3,246.16	1/2	3,374.36	1/2	3,502.55	1/2	3,630.19	1/2	3,735.70	1/2	
5/8	2,724.61	5/8	2,856.14	5/8	2,987.66	5/8	3,119.19	5/8	3,248.84	5/8	3,377.03	5/8	3,505.23	5/8	3,632.84	5/8	3,736.64	5/8	
3/4	2,727.35	3/4	2,858.88	3/4	2,990.40	3/4	3,121.93	3/4	3,251.51	3/4	3,379.70	3/4	3,507.90	3/4	3,635.49	3/4	3,737.58	3/4	
7/8	2,730.09	7/8	2,861.62	7/8	2,993.14	7/8	3,124.67	7/8	3,254.18	7/8	3,382.37	7/8	3,510.57	7/8	3,638.14	7/8	3,738.52	7/8	
5	2,732.83	11	2,864.36	5	2,995.88	11	3,127.41	5	3,256.85	11	3,385.04	5	3,513.24	11	3,640.79	5	3,739.46	11	
1/8	2,735.57	1/8	2,867.10	1/8	2,998.62	1/8	3,130.15	1/8	3,259.52	1/8	3,387.71	1/8	3,515.91	1/8	3,643.44	1/8	3,739.85	1/8	
1/4	2,738.31	1/4	2,869.84	1/4	3,001.36	1/4	3,132.89	1/4	3,262.19	1/4	3,390.38	1/4	3,518.58	1/4	3,646.09	1/4	3,740.24	1/4	
3/8	2,741.05	3/8	2,872.58	3/8	3,004.10	3/8	3,135.63	3/8	3,264.86	3/8	3,393.05	3/8	3,521.25	3/8	3,648.74	3/8	3,740.63	3/8	
1/2	2,743.79	1/2	2,875.32	1/2	3,006.84	1/2	3,138.37	1/2	3,267.53	1/2	3,395.72	1/2	3,523.92	1/2	3,651.38	1/2	3,741.02	1/2	
5/8	2,746.53	5/8	2,878.06	5/8	3,009.58	5/8	3,141.11	5/8	3,270.20	5/8	3,398.40	5/8	3,526.59	5/8	3,654.03	5/8	3,741.41	5/8	
3/4	2,749.27	3/4	2,880.80	3/4	3,012.32	3/4	3,143.85	3/4	3,272.87	3/4	3,401.07	3/4	3,529.26	3/4	3,656.68	3/4	3,741.80	3/4	
7/8	2,752.01	7/8	2,883.54	7/8	3,015.06	7/8	3,146.59	7/8	3,275.54	7/8	3,403.74	7/8	3,531.93	7/8	3,659.33	7/8	3,742.19	7/8	

STRAPPED: 01/05/2002 ITS

DECK MEASUREMENTS: 04/13/2020 SW

REPRINTED: 04/14/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2020

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Pearland, Texas 77588

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BARGE "KIRBY 28750"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HMS 301"

GAUGE HEIGHT 17'-02 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	12.43	6	136.62	0	268.14	6	399.46	0	525.98	6	657.55	0	789.35	6	920.92	0	1,052.32	6	1,184.17
1/8	14.39	1/8	139.36	1/8	270.88	1/8	402.20	1/8	528.69	1/8	660.30	1/8	792.09	1/8	923.66	1/8	1,055.07	1/8	1,186.92
1/4	16.35	1/4	142.10	1/4	273.61	1/4	404.93	1/4	531.41	1/4	663.04	1/4	794.84	1/4	926.39	1/4	1,057.81	1/4	1,189.67
3/8	18.31	3/8	144.85	3/8	276.35	3/8	407.67	3/8	534.12	3/8	665.79	3/8	797.58	3/8	929.13	3/8	1,060.56	3/8	1,192.41
1/2	20.27	1/2	147.59	1/2	279.08	1/2	410.40	1/2	536.83	1/2	668.53	1/2	800.33	1/2	931.87	1/2	1,063.31	1/2	1,195.16
5/8	22.24	5/8	150.33	5/8	281.82	5/8	413.14	5/8	539.55	5/8	671.28	5/8	803.07	5/8	934.60	5/8	1,066.06	5/8	1,197.91
3/4	24.20	3/4	153.07	3/4	284.56	3/4	415.88	3/4	542.26	3/4	674.03	3/4	805.82	3/4	937.34	3/4	1,068.80	3/4	1,200.66
7/8	26.16	7/8	155.82	7/8	287.29	7/8	418.61	7/8	544.98	7/8	676.77	7/8	808.56	7/8	940.07	7/8	1,071.55	7/8	1,203.40
1	28.12	7	158.56	1	290.03	7	421.35	1	547.69	7	679.52	1	811.31	7	942.81	1	1,074.30	7	1,206.15
1/8	30.71	1/8	161.30	1/8	292.77	1/8	423.99	1/8	550.44	1/8	682.27	1/8	814.05	1/8	945.55	1/8	1,077.05	1/8	1,208.90
1/4	33.31	1/4	164.04	1/4	295.50	1/4	426.63	1/4	553.18	1/4	685.01	1/4	816.80	1/4	948.28	1/4	1,079.79	1/4	1,211.64
3/8	35.90	3/8	166.78	3/8	298.24	3/8	429.27	3/8	555.93	3/8	687.76	3/8	819.54	3/8	951.02	3/8	1,082.54	3/8	1,214.39
1/2	38.50	1/2	169.52	1/2	300.98	1/2	431.91	1/2	558.67	1/2	690.50	1/2	822.29	1/2	953.76	1/2	1,085.28	1/2	1,217.13
5/8	41.09	5/8	172.27	5/8	303.71	5/8	434.56	5/8	561.42	5/8	693.25	5/8	825.03	5/8	956.49	5/8	1,088.03	5/8	1,219.88
3/4	43.69	3/4	175.01	3/4	306.45	3/4	437.20	3/4	564.17	3/4	696.00	3/4	827.78	3/4	959.23	3/4	1,090.78	3/4	1,222.63
7/8	46.28	7/8	177.75	7/8	309.18	7/8	439.84	7/8	566.91	7/8	698.74	7/8	830.52	7/8	961.96	7/8	1,093.52	7/8	1,225.37
2	48.88	8	180.49	2	311.92	8	442.48	2	569.66	8	701.49	2	833.27	8	964.70	2	1,096.27	8	1,228.12
1/8	51.62	1/8	183.23	1/8	314.66	1/8	445.09	1/8	572.41	1/8	704.23	1/8	836.01	1/8	967.44	1/8	1,099.02	1/8	1,230.87
1/4	54.36	1/4	185.97	1/4	317.39	1/4	447.70	1/4	575.15	1/4	706.98	1/4	838.76	1/4	970.17	1/4	1,101.77	1/4	1,233.61
3/8	57.11	3/8	188.71	3/8	320.13	3/8	450.31	3/8	577.90	3/8	709.72	3/8	841.50	3/8	972.91	3/8	1,104.51	3/8	1,236.36
1/2	59.85	1/2	191.46	1/2	322.86	1/2	452.91	1/2	580.65	1/2	712.47	1/2	844.25	1/2	975.65	1/2	1,107.26	1/2	1,239.11
5/8	62.59	5/8	194.20	5/8	325.59	5/8	455.52	5/8	583.40	5/8	715.21	5/8	846.99	5/8	978.38	5/8	1,110.01	5/8	1,241.86
3/4	65.33	3/4	196.94	3/4	328.33	3/4	458.13	3/4	586.14	3/4	717.96	3/4	849.74	3/4	981.12	3/4	1,112.76	3/4	1,244.60
7/8	68.08	7/8	199.68	7/8	331.06	7/8	460.74	7/8	588.89	7/8	720.70	7/8	852.48	7/8	983.86	7/8	1,115.50	7/8	1,247.35
3	70.82	9	202.42	3	333.80	9	463.35	3	591.64	9	723.45	3	855.23	9	986.59	3	1,118.25	9	1,250.10
1/8	73.56	1/8	205.16	1/8	336.54	1/8	465.96	1/8	594.39	1/8	726.20	1/8	857.97	1/8	989.33	1/8	1,121.00	1/8	1,252.85
1/4	76.30	1/4	207.91	1/4	339.27	1/4	468.57	1/4	597.13	1/4	728.94	1/4	860.71	1/4	992.06	1/4	1,123.74	1/4	1,255.59
3/8	79.04	3/8	210.65	3/8	342.01	3/8	471.18	3/8	599.88	3/8	731.69	3/8	863.45	3/8	994.80	3/8	1,126.49	3/8	1,258.34
1/2	81.78	1/2	213.39	1/2	344.74	1/2	473.79	1/2	602.62	1/2	734.43	1/2	866.18	1/2	997.54	1/2	1,129.23	1/2	1,261.08
5/8	84.53	5/8	216.13	5/8	347.48	5/8	476.40	5/8	605.37	5/8	737.18	5/8	868.92	5/8	1,000.27	5/8	1,131.98	5/8	1,263.83
3/4	87.27	3/4	218.87	3/4	350.22	3/4	479.01	3/4	608.12	3/4	739.93	3/4	871.66	3/4	1,003.01	3/4	1,134.73	3/4	1,266.58
7/8	90.01	7/8	221.62	7/8	352.95	7/8	481.62	7/8	610.86	7/8	742.67	7/8	874.40	7/8	1,005.75	7/8	1,137.47	7/8	1,269.32
4	92.75	10	224.36	4	355.69	10	484.23	4	613.61	10	745.42	4	877.14	10	1,008.48	4	1,140.22	10	1,272.07
1/8	95.49	1/8	227.10	1/8	358.43	1/8	486.84	1/8	616.36	1/8	748.17	1/8	879.88	1/8	1,011.22	1/8	1,142.97	1/8	1,274.82
1/4	98.24	1/4	229.83	1/4	361.16	1/4	489.45	1/4	619.11	1/4	750.91	1/4	882.61	1/4	1,013.95	1/4	1,145.71	1/4	1,277.57
3/8	100.98	3/8	232.57	3/8	363.90	3/8	492.06	3/8	621.85	3/8	753.66	3/8	885.35	3/8	1,016.69	3/8	1,148.46	3/8	1,280.31
1/2	103.72	1/2	235.31	1/2	366.64	1/2	494.67	1/2	624.60	1/2	756.40	1/2	888.08	1/2	1,019.43	1/2	1,151.21	1/2	1,283.06
5/8	106.46	5/8	238.05	5/8	369.37	5/8	497.28	5/8	627.35	5/8	759.15	5/8	890.82	5/8	1,022.16	5/8	1,153.96	5/8	1,285.81
3/4	109.21	3/4	240.78	3/4	372.11	3/4	499.89	3/4	630.10	3/4	761.90	3/4	893.56	3/4	1,024.90	3/4	1,156.70	3/4	1,288.56
7/8	111.95	7/8	243.52	7/8	374.84	7/8	502.50	7/8	632.84	7/8	764.64	7/8	896.29	7/8	1,027.64	7/8	1,159.45	7/8	1,291.30
5	114.69	11	246.26	5	377.58	11	505.11	5	635.59	11	767.39	5	899.03	11	1,030.37	5	1,162.20	11	1,294.05
1/8	117.43	1/8	248.99	1/8	380.32	1/8	507.72	1/8	638.34	1/8	770.13	1/8	901.77	1/8	1,033.12	1/8	1,164.95	1/8	1,296.80
1/4	120.17	1/4	251.73	1/4	383.05	1/4	510.33	1/4	641.08	1/4	772.88	1/4	904.50	1/4	1,035.86	1/4	1,167.69	1/4	1,299.54
3/8	122.91	3/8	254.46	3/8	385.79	3/8	512.94	3/8	643.83	3/8	775.62	3/8	907.24	3/8	1,038.60	3/8	1,170.44	3/8	1,302.29
1/2	125.65	1/2	257.20	1/2	388.52	1/2	515.54	1/2	646.57	1/2	778.37	1/2	909.98	1/2	1,041.35	1/2	1,173.18	1/2	1,305.03
5/8	128.40	5/8	259.93	5/8	391.25	5/8	518.15	5/8	649.32	5/8	781.11	5/8	912.71	5/8	1,044.09	5/8	1,175.93	5/8	1,307.78
3/4	131.14	3/4	262.67	3/4	393.99	3/4	520.76	3/4	652.06	3/4	783.86	3/4	915.45	3/4	1,046.83	3/4	1,178.68	3/4	1,310.53
7/8	133.88	7/8	265.40	7/8	396.72	7/8	523.37	7/8	654.81	7/8	786.60	7/8	918.18	7/8	1,049.58	7/8	1,181.42	7/8	1,313.27

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 11'-03" 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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Pearland, Texas 77588

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BARGE "KIRBY 28750"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HMS 301"

GAUGE HEIGHT 17'-02 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	1,316.02	6	1,447.88	0	1,579.73	6	1,711.58	0	1,843.43	6	1,975.28	0	2,107.13	6	2,238.98	0	2,370.83	6	2,502.69
1/8	1,318.77	1/8	1,450.63	1/8	1,582.48	1/8	1,714.33	1/8	1,846.18	1/8	1,978.03	1/8	2,109.88	1/8	2,241.73	1/8	2,373.58	1/8	2,505.44
1/4	1,321.51	1/4	1,453.37	1/4	1,585.22	1/4	1,717.07	1/4	1,848.92	1/4	1,980.77	1/4	2,112.63	1/4	2,244.47	1/4	2,376.32	1/4	2,508.18
3/8	1,324.26	3/8	1,456.12	3/8	1,587.97	3/8	1,719.82	3/8	1,851.67	3/8	1,983.52	3/8	2,115.37	3/8	2,247.22	3/8	2,379.07	3/8	2,510.93
1/2	1,327.01	1/2	1,458.86	1/2	1,590.71	1/2	1,722.56	1/2	1,854.41	1/2	1,986.27	1/2	2,118.12	1/2	2,249.97	1/2	2,381.82	1/2	2,513.67
5/8	1,329.76	5/8	1,461.61	5/8	1,593.46	5/8	1,725.31	5/8	1,857.16	5/8	1,989.02	5/8	2,120.87	5/8	2,252.72	5/8	2,384.57	5/8	2,516.42
3/4	1,332.50	3/4	1,464.36	3/4	1,596.21	3/4	1,728.06	3/4	1,859.91	3/4	1,991.76	3/4	2,123.62	3/4	2,255.46	3/4	2,387.31	3/4	2,519.17
7/8	1,335.25	7/8	1,467.10	7/8	1,598.95	7/8	1,730.80	7/8	1,862.65	7/8	1,994.51	7/8	2,126.36	7/8	2,258.21	7/8	2,390.06	7/8	2,521.91
1	1,338.00	7	1,469.85	1	1,601.70	7	1,733.55	1	1,865.40	7	1,997.26	1	2,129.11	7	2,260.96	1	2,392.81	7	2,524.66
1/8	1,340.75	1/8	1,472.60	1/8	1,604.45	1/8	1,736.30	1/8	1,868.15	1/8	2,000.01	1/8	2,131.86	1/8	2,263.71	1/8	2,395.56	1/8	2,527.41
1/4	1,343.49	1/4	1,475.35	1/4	1,607.19	1/4	1,739.05	1/4	1,870.89	1/4	2,002.75	1/4	2,134.60	1/4	2,266.45	1/4	2,398.30	1/4	2,530.15
3/8	1,346.24	3/8	1,478.09	3/8	1,609.94	3/8	1,741.79	3/8	1,873.64	3/8	2,005.50	3/8	2,137.35	3/8	2,269.20	3/8	2,401.05	3/8	2,532.90
1/2	1,348.98	1/2	1,480.84	1/2	1,612.69	1/2	1,744.54	1/2	1,876.39	1/2	2,008.24	1/2	2,140.09	1/2	2,271.94	1/2	2,403.79	1/2	2,535.65
5/8	1,351.73	5/8	1,483.59	5/8	1,615.44	5/8	1,747.29	5/8	1,879.14	5/8	2,010.99	5/8	2,142.84	5/8	2,274.69	5/8	2,406.54	5/8	2,538.40
3/4	1,354.48	3/4	1,486.34	3/4	1,618.18	3/4	1,750.04	3/4	1,881.88	3/4	2,013.74	3/4	2,145.59	3/4	2,277.44	3/4	2,409.29	3/4	2,541.14
7/8	1,357.22	7/8	1,489.08	7/8	1,620.93	7/8	1,752.78	7/8	1,884.63	7/8	2,016.48	7/8	2,148.33	7/8	2,280.18	7/8	2,412.03	7/8	2,543.89
2	1,359.97	8	1,491.83	2	1,623.68	8	1,755.53	2	1,887.38	8	2,019.23	2	2,151.08	8	2,282.93	2	2,414.78	8	2,546.64
1/8	1,362.72	1/8	1,494.58	1/8	1,626.43	1/8	1,758.28	1/8	1,890.13	1/8	2,021.98	1/8	2,153.83	1/8	2,285.68	1/8	2,417.53	1/8	2,549.39
1/4	1,365.47	1/4	1,497.32	1/4	1,629.17	1/4	1,761.02	1/4	1,892.87	1/4	2,024.73	1/4	2,156.57	1/4	2,288.42	1/4	2,420.27	1/4	2,552.13
3/8	1,368.21	3/8	1,500.07	3/8	1,631.92	3/8	1,763.77	3/8	1,895.62	3/8	2,027.47	3/8	2,159.32	3/8	2,291.17	3/8	2,423.02	3/8	2,554.88
1/2	1,370.96	1/2	1,502.81	1/2	1,634.66	1/2	1,766.51	1/2	1,898.36	1/2	2,030.22	1/2	2,162.07	1/2	2,293.92	1/2	2,425.77	1/2	2,557.62
5/8	1,373.71	5/8	1,505.56	5/8	1,637.41	5/8	1,769.26	5/8	1,901.11	5/8	2,032.97	5/8	2,164.82	5/8	2,296.67	5/8	2,428.52	5/8	2,560.37
3/4	1,376.46	3/4	1,508.31	3/4	1,640.16	3/4	1,772.01	3/4	1,903.86	3/4	2,035.72	3/4	2,167.56	3/4	2,299.41	3/4	2,431.26	3/4	2,563.12
7/8	1,379.20	7/8	1,511.05	7/8	1,642.90	7/8	1,774.75	7/8	1,906.60	7/8	2,038.46	7/8	2,170.31	7/8	2,302.16	7/8	2,434.01	7/8	2,565.86
3	1,381.95	9	1,513.80	3	1,645.65	9	1,777.50	3	1,909.35	9	2,041.21	3	2,173.06	9	2,304.91	3	2,436.76	9	2,568.61
1/8	1,384.70	1/8	1,516.55	1/8	1,648.40	1/8	1,780.25	1/8	1,912.10	1/8	2,043.96	1/8	2,175.81	1/8	2,307.66	1/8	2,439.51	1/8	2,571.36
1/4	1,387.45	1/4	1,519.29	1/4	1,651.15	1/4	1,782.99	1/4	1,914.85	1/4	2,046.70	1/4	2,178.55	1/4	2,310.40	1/4	2,442.25	1/4	2,574.10
3/8	1,390.19	3/8	1,522.04	3/8	1,653.89	3/8	1,785.74	3/8	1,917.59	3/8	2,049.45	3/8	2,181.30	3/8	2,313.15	3/8	2,445.00	3/8	2,576.85
1/2	1,392.94	1/2	1,524.79	1/2	1,656.64	1/2	1,788.49	1/2	1,920.34	1/2	2,052.19	1/2	2,184.04	1/2	2,315.89	1/2	2,447.74	1/2	2,579.60
5/8	1,395.69	5/8	1,527.54	5/8	1,659.39	5/8	1,791.24	5/8	1,923.09	5/8	2,054.94	5/8	2,186.79	5/8	2,318.64	5/8	2,450.49	5/8	2,582.35
3/4	1,398.44	3/4	1,530.28	3/4	1,662.14	3/4	1,793.98	3/4	1,925.84	3/4	2,057.69	3/4	2,189.54	3/4	2,321.39	3/4	2,453.24	3/4	2,585.09
7/8	1,401.18	7/8	1,533.03	7/8	1,664.88	7/8	1,796.73	7/8	1,928.58	7/8	2,060.43	7/8	2,192.28	7/8	2,324.13	7/8	2,455.98	7/8	2,587.84
4	1,403.93	10	1,535.78	4	1,667.63	10	1,799.48	4	1,931.33	10	2,063.18	4	2,195.03	10	2,326.88	4	2,458.73	10	2,590.59
1/8	1,406.68	1/8	1,538.53	1/8	1,670.38	1/8	1,802.23	1/8	1,934.08	1/8	2,065.93	1/8	2,197.78	1/8	2,329.63	1/8	2,461.48	1/8	2,593.34
1/4	1,409.42	1/4	1,541.27	1/4	1,673.12	1/4	1,804.97	1/4	1,936.83	1/4	2,068.67	1/4	2,200.52	1/4	2,332.37	1/4	2,464.22	1/4	2,596.08
3/8	1,412.17	3/8	1,544.02	3/8	1,675.87	3/8	1,807.72	3/8	1,939.57	3/8	2,071.42	3/8	2,203.27	3/8	2,335.12	3/8	2,466.97	3/8	2,598.83
1/2	1,414.91	1/2	1,546.76	1/2	1,678.61	1/2	1,810.46	1/2	1,942.32	1/2	2,074.17	1/2	2,206.02	1/2	2,337.87	1/2	2,469.72	1/2	2,601.57
5/8	1,417.66	5/8	1,549.51	5/8	1,681.36	5/8	1,813.21	5/8	1,945.07	5/8	2,076.92	5/8	2,208.77	5/8	2,340.62	5/8	2,472.47	5/8	2,604.32
3/4	1,420.41	3/4	1,552.26	3/4	1,684.11	3/4	1,815.96	3/4	1,947.82	3/4	2,079.66	3/4	2,211.51	3/4	2,343.36	3/4	2,475.21	3/4	2,607.07
7/8	1,423.15	7/8	1,555.00	7/8	1,686.85	7/8	1,818.70	7/8	1,950.56	7/8	2,082.41	7/8	2,214.26	7/8	2,346.11	7/8	2,477.96	7/8	2,609.81
5	1,425.90	11	1,557.75	5	1,689.60	11	1,821.45	5	1,953.31	11	2,085.16	5	2,217.01	11	2,348.86	5	2,480.71	11	2,612.56
1/8	1,428.65	1/8	1,560.50	1/8	1,692.35	1/8	1,824.20	1/8	1,956.06	1/8	2,087.91	1/8	2,219.76	1/8	2,351.61	1/8	2,483.46	1/8	2,615.31
1/4	1,431.39	1/4	1,563.25	1/4	1,695.09	1/4	1,826.95	1/4	1,958.80	1/4	2,090.65	1/4	2,222.50	1/4	2,354.35	1/4	2,486.20	1/4	2,618.05
3/8	1,434.14	3/8	1,565.99	3/8	1,697.84	3/8	1,829.69	3/8	1,961.55	3/8	2,093.40	3/8	2,225.25	3/8	2,357.10	3/8	2,488.95	3/8	2,620.80
1/2	1,436.89	1/2	1,568.74	1/2	1,700.59	1/2	1,832.44	1/2	1,964.29	1/2	2,096.14	1/2	2,227.99	1/2	2,359.84	1/2	2,491.70	1/2	2,623.55
5/8	1,439.64	5/8	1,571.49	5/8	1,703.34	5/8	1,835.19	5/8	1,967.04	5/8	2,098.89	5/8	2,230.74	5/8	2,362.59	5/8	2,494.45	5/8	2,626.30
3/4	1,442.38	3/4	1,574.24	3/4	1,706.08	3/4	1,837.94	3/4	1,969.79	3/4	2,101.64	3/4	2,233.49	3/4	2,365.34	3/4	2,497.19	3/4	2,629.04
7/8	1,445.13	7/8	1,576.98	7/8	1,708.83	7/8	1,840.68	7/8	1,972.53	7/8	2,104.38	7/8	2,236.23	7/8	2,368.08	7/8	2,499.94	7/8	2,631.79

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BARGE "KIRBY 28750"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HMS 301"

GAUGE HEIGHT 17'-02 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	2,634.54	6	2,766.39	0	2,898.24	6	3,030.09	0	3,161.94	6	3,291.16	0	3,419.68	6	3,548.20	0	3,675.91	6	3,756.68
1/8	2,637.29	1/8	2,769.14	1/8	2,900.99	1/8	3,032.84	1/8	3,164.69	1/8	3,293.84	1/8	3,422.36	1/8	3,550.88	1/8	3,678.62	1/8	3,756.93
1/4	2,640.03	1/4	2,771.88	1/4	2,903.73	1/4	3,035.58	1/4	3,167.43	1/4	3,296.51	1/4	3,425.03	1/4	3,553.55	1/4	3,681.32	1/4	3,757.19
3/8	2,642.78	3/8	2,774.63	3/8	2,906.48	3/8	3,038.33	3/8	3,170.18	3/8	3,299.19	3/8	3,427.71	3/8	3,556.23	3/8	3,684.03	3/8	
1/2	2,645.52	1/2	2,777.37	1/2	2,909.22	1/2	3,041.08	1/2	3,172.93	1/2	3,301.87	1/2	3,430.39	1/2	3,558.91	1/2	3,686.74	1/2	
5/8	2,648.27	5/8	2,780.12	5/8	2,911.97	5/8	3,043.83	5/8	3,175.68	5/8	3,304.55	5/8	3,433.07	5/8	3,561.59	5/8	3,689.45	5/8	
3/4	2,651.02	3/4	2,782.87	3/4	2,914.72	3/4	3,046.57	3/4	3,178.42	3/4	3,307.22	3/4	3,435.74	3/4	3,564.26	3/4	3,692.15	3/4	
7/8	2,653.76	7/8	2,785.61	7/8	2,917.46	7/8	3,049.32	7/8	3,181.17	7/8	3,309.90	7/8	3,438.42	7/8	3,566.94	7/8	3,694.86	7/8	
1	2,656.51	7	2,788.36	1	2,920.21	7	3,052.07	1	3,183.92	7	3,312.58	1	3,441.10	7	3,569.62	1	3,697.57	7	
1/8	2,659.26	1/8	2,791.11	1/8	2,922.96	1/8	3,054.82	1/8	3,186.61	1/8	3,315.26	1/8	3,443.78	1/8	3,572.28	1/8	3,700.09	1/8	
1/4	2,662.00	1/4	2,793.85	1/4	2,925.70	1/4	3,057.56	1/4	3,189.31	1/4	3,317.93	1/4	3,446.45	1/4	3,574.94	1/4	3,702.62	1/4	
3/8	2,664.75	3/8	2,796.60	3/8	2,928.45	3/8	3,060.31	3/8	3,192.00	3/8	3,320.61	3/8	3,449.13	3/8	3,577.60	3/8	3,705.14	3/8	
1/2	2,667.50	1/2	2,799.35	1/2	2,931.20	1/2	3,063.05	1/2	3,194.70	1/2	3,323.29	1/2	3,451.81	1/2	3,580.26	1/2	3,707.66	1/2	
5/8	2,670.25	5/8	2,802.10	5/8	2,933.95	5/8	3,065.80	5/8	3,197.39	5/8	3,325.97	5/8	3,454.49	5/8	3,582.93	5/8	3,710.19	5/8	
3/4	2,672.99	3/4	2,804.84	3/4	2,936.69	3/4	3,068.55	3/4	3,200.09	3/4	3,328.64	3/4	3,457.16	3/4	3,585.59	3/4	3,712.71	3/4	
7/8	2,675.74	7/8	2,807.59	7/8	2,939.44	7/8	3,071.29	7/8	3,202.78	7/8	3,331.32	7/8	3,459.84	7/8	3,588.25	7/8	3,715.24	7/8	
2	2,678.49	8	2,810.34	2	2,942.19	8	3,074.04	2	3,205.48	8	3,334.00	2	3,462.52	8	3,590.91	2	3,717.76	8	
1/8	2,681.24	1/8	2,813.09	1/8	2,944.94	1/8	3,076.79	1/8	3,208.16	1/8	3,336.68	1/8	3,465.20	1/8	3,593.57	1/8	3,719.80	1/8	
1/4	2,683.98	1/4	2,815.83	1/4	2,947.68	1/4	3,079.53	1/4	3,210.83	1/4	3,339.35	1/4	3,467.87	1/4	3,596.22	1/4	3,721.84	1/4	
3/8	2,686.73	3/8	2,818.58	3/8	2,950.43	3/8	3,082.28	3/8	3,213.51	3/8	3,342.03	3/8	3,470.55	3/8	3,598.88	3/8	3,723.88	3/8	
1/2	2,689.47	1/2	2,821.32	1/2	2,953.17	1/2	3,085.03	1/2	3,216.19	1/2	3,344.71	1/2	3,473.23	1/2	3,601.53	1/2	3,725.92	1/2	
5/8	2,692.22	5/8	2,824.07	5/8	2,955.92	5/8	3,087.78	5/8	3,218.87	5/8	3,347.39	5/8	3,475.91	5/8	3,604.19	5/8	3,727.96	5/8	
3/4	2,694.97	3/4	2,826.82	3/4	2,958.67	3/4	3,090.52	3/4	3,221.54	3/4	3,350.06	3/4	3,478.58	3/4	3,606.85	3/4	3,730.00	3/4	
7/8	2,697.71	7/8	2,829.56	7/8	2,961.41	7/8	3,093.27	7/8	3,224.22	7/8	3,352.74	7/8	3,481.26	7/8	3,609.50	7/8	3,732.04	7/8	
3	2,700.46	9	2,832.31	3	2,964.16	9	3,096.02	3	3,226.90	9	3,355.42	3	3,483.94	9	3,612.16	3	3,734.08	9	
1/8	2,703.21	1/8	2,835.06	1/8	2,966.91	1/8	3,098.77	1/8	3,229.58	1/8	3,358.10	1/8	3,486.62	1/8	3,614.82	1/8	3,735.57	1/8	
1/4	2,705.95	1/4	2,837.80	1/4	2,969.65	1/4	3,101.51	1/4	3,232.25	1/4	3,360.77	1/4	3,489.29	1/4	3,617.47	1/4	3,737.06	1/4	
3/8	2,708.70	3/8	2,840.55	3/8	2,972.40	3/8	3,104.26	3/8	3,234.93	3/8	3,363.45	3/8	3,491.97	3/8	3,620.13	3/8	3,738.55	3/8	
1/2	2,711.45	1/2	2,843.30	1/2	2,975.15	1/2	3,107.00	1/2	3,237.61	1/2	3,366.13	1/2	3,494.65	1/2	3,622.78	1/2	3,740.04	1/2	
5/8	2,714.20	5/8	2,846.05	5/8	2,977.90	5/8	3,109.75	5/8	3,240.29	5/8	3,368.81	5/8	3,497.33	5/8	3,625.44	5/8	3,741.54	5/8	
3/4	2,716.94	3/4	2,848.79	3/4	2,980.64	3/4	3,112.50	3/4	3,242.96	3/4	3,371.48	3/4	3,500.00	3/4	3,628.10	3/4	3,743.03	3/4	
7/8	2,719.69	7/8	2,851.54	7/8	2,983.39	7/8	3,115.24	7/8	3,245.64	7/8	3,374.16	7/8	3,502.68	7/8	3,630.75	7/8	3,744.52	7/8	
4	2,722.44	10	2,854.29	4	2,986.14	10	3,117.99	4	3,248.32	10	3,376.84	4	3,505.36	10	3,633.41	4	3,746.01	10	
1/8	2,725.19	1/8	2,857.04	1/8	2,988.89	1/8	3,120.74	1/8	3,251.00	1/8	3,379.52	1/8	3,508.04	1/8	3,636.07	1/8	3,746.95	1/8	
1/4	2,727.93	1/4	2,859.78	1/4	2,991.63	1/4	3,123.48	1/4	3,253.67	1/4	3,382.19	1/4	3,510.71	1/4	3,638.72	1/4	3,747.89	1/4	
3/8	2,730.68	3/8	2,862.53	3/8	2,994.38	3/8	3,126.23	3/8	3,256.35	3/8	3,384.87	3/8	3,513.39	3/8	3,641.38	3/8	3,748.84	3/8	
1/2	2,733.42	1/2	2,865.27	1/2	2,997.12	1/2	3,128.98	1/2	3,259.03	1/2	3,387.55	1/2	3,516.07	1/2	3,644.03	1/2	3,749.78	1/2	
5/8	2,736.17	5/8	2,868.02	5/8	2,999.87	5/8	3,131.73	5/8	3,261.71	5/8	3,390.23	5/8	3,518.75	5/8	3,646.69	5/8	3,750.72	5/8	
3/4	2,738.92	3/4	2,870.77	3/4	3,002.62	3/4	3,134.47	3/4	3,264.38	3/4	3,392.90	3/4	3,521.42	3/4	3,649.35	3/4	3,751.66	3/4	
7/8	2,741.66	7/8	2,873.51	7/8	3,005.36	7/8	3,137.22	7/8	3,267.06	7/8	3,395.58	7/8	3,524.10	7/8	3,652.00	7/8	3,752.61	7/8	
5	2,744.41	11	2,876.26	5	3,008.11	11	3,139.97	5	3,269.74	11	3,398.26	5	3,526.78	11	3,654.66	5	3,753.55	11	
1/8	2,747.16	1/8	2,879.01	1/8	3,010.86	1/8	3,142.72	1/8	3,272.42	1/8	3,400.94	1/8	3,529.46	1/8	3,657.31	1/8	3,753.94	1/8	
1/4	2,749.90	1/4	2,881.75	1/4	3,013.60	1/4	3,145.46	1/4	3,275.09	1/4	3,403.61	1/4	3,532.13	1/4	3,659.97	1/4	3,754.33	1/4	
3/8	2,752.65	3/8	2,884.50	3/8	3,016.35	3/8	3,148.21	3/8	3,277.77	3/8	3,406.29	3/8	3,534.81	3/8	3,662.63	3/8	3,754.72	3/8	
1/2	2,755.40	1/2	2,887.25	1/2	3,019.10	1/2	3,150.95	1/2	3,280.45	1/2	3,408.97	1/2	3,537.49	1/2	3,665.28	1/2	3,755.11	1/2	
5/8	2,758.15	5/8	2,890.00	5/8	3,021.85	5/8	3,153.70	5/8	3,283.13	5/8	3,411.65	5/8	3,540.17	5/8	3,667.94	5/8	3,755.51	5/8	
3/4	2,760.89	3/4	2,892.74	3/4	3,024.59	3/4	3,156.45	3/4	3,285.80	3/4	3,414.32	3/4	3,542.84	3/4	3,670.60	3/4	3,755.90	3/4	
7/8	2,763.64	7/8	2,895.49	7/8	3,027.34	7/8	3,159.19	7/8	3,288.48	7/8	3,417.00	7/8	3,545.52	7/8	3,673.25	7/8	3,756.29	7/8	

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BARGE "KIRBY 28750"

4 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HMS 301"

GAUGE HEIGHT 17'-07 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	2.99	6	186.52	0	424.13	6	662.58	0	894.82	6	1,131.12	0	1,370.72	6	1,609.96	0	1,848.88	6	2,088.38
1/8	4.45	1/8	191.35	1/8	429.10	1/8	667.55	1/8	899.56	1/8	1,136.11	1/8	1,375.71	1/8	1,614.93	1/8	1,853.86	1/8	2,093.37
1/4	5.90	1/4	196.18	1/4	434.07	1/4	672.51	1/4	904.29	1/4	1,141.10	1/4	1,380.70	1/4	1,619.91	1/4	1,858.85	1/4	2,098.36
3/8	7.36	3/8	201.01	3/8	439.03	3/8	677.48	3/8	909.03	3/8	1,146.09	3/8	1,385.69	3/8	1,624.88	3/8	1,863.83	3/8	2,103.35
1/2	8.81	1/2	205.84	1/2	444.00	1/2	682.45	1/2	913.77	1/2	1,151.08	1/2	1,390.68	1/2	1,629.86	1/2	1,868.81	1/2	2,108.34
5/8	10.27	5/8	210.68	5/8	448.97	5/8	687.42	5/8	918.51	5/8	1,156.08	5/8	1,395.68	5/8	1,634.83	5/8	1,873.80	5/8	2,113.34
3/4	11.73	3/4	215.51	3/4	453.94	3/4	692.38	3/4	923.24	3/4	1,161.07	3/4	1,400.67	3/4	1,639.81	3/4	1,878.78	3/4	2,118.33
7/8	13.18	7/8	220.34	7/8	458.90	7/8	697.35	7/8	927.98	7/8	1,166.06	7/8	1,405.66	7/8	1,644.78	7/8	1,883.77	7/8	2,123.32
1	14.64	7	225.17	1	463.87	7	702.32	1	932.72	7	1,171.05	1	1,410.65	7	1,649.76	1	1,888.75	7	2,128.31
1/8	17.67	1/8	230.15	1/8	468.84	1/8	707.29	1/8	937.55	1/8	1,176.04	1/8	1,415.64	1/8	1,654.74	1/8	1,893.74	1/8	2,133.30
1/4	20.70	1/4	235.12	1/4	473.81	1/4	712.26	1/4	942.38	1/4	1,181.03	1/4	1,420.63	1/4	1,659.71	1/4	1,898.72	1/4	2,138.29
3/8	23.73	3/8	240.10	3/8	478.78	3/8	717.23	3/8	947.22	3/8	1,186.02	3/8	1,425.62	3/8	1,664.69	3/8	1,903.71	3/8	2,143.29
1/2	26.75	1/2	245.07	1/2	483.74	1/2	722.19	1/2	952.05	1/2	1,191.02	1/2	1,430.60	1/2	1,669.66	1/2	1,908.70	1/2	2,148.28
5/8	29.78	5/8	250.05	5/8	488.71	5/8	727.16	5/8	956.88	5/8	1,196.01	5/8	1,435.59	5/8	1,674.64	5/8	1,913.69	5/8	2,153.27
3/4	32.81	3/4	255.02	3/4	493.68	3/4	732.13	3/4	961.71	3/4	1,201.00	3/4	1,440.58	3/4	1,679.62	3/4	1,918.67	3/4	2,158.26
7/8	35.84	7/8	260.00	7/8	498.65	7/8	737.10	7/8	966.55	7/8	1,205.99	7/8	1,445.57	7/8	1,684.59	7/8	1,923.66	7/8	2,163.26
2	38.87	8	264.97	2	503.62	8	742.07	2	971.38	8	1,210.98	2	1,450.56	8	1,689.57	2	1,928.65	8	2,168.25
1/8	43.09	1/8	269.94	1/8	508.59	1/8	746.95	1/8	976.37	1/8	1,215.97	1/8	1,455.54	1/8	1,694.54	1/8	1,933.64	1/8	2,173.24
1/4	47.32	1/4	274.92	1/4	513.55	1/4	751.83	1/4	981.36	1/4	1,220.97	1/4	1,460.53	1/4	1,699.52	1/4	1,938.63	1/4	2,178.23
3/8	51.54	3/8	279.89	3/8	518.52	3/8	756.71	3/8	986.36	3/8	1,225.96	3/8	1,465.51	3/8	1,704.49	3/8	1,943.62	3/8	2,183.22
1/2	55.76	1/2	284.86	1/2	523.49	1/2	761.59	1/2	991.35	1/2	1,230.95	1/2	1,470.50	1/2	1,709.47	1/2	1,948.61	1/2	2,188.21
5/8	59.98	5/8	289.84	5/8	528.46	5/8	766.48	5/8	996.34	5/8	1,235.94	5/8	1,475.48	5/8	1,714.44	5/8	1,953.61	5/8	2,193.21
3/4	64.21	3/4	294.81	3/4	533.42	3/4	771.36	3/4	1,001.33	3/4	1,240.93	3/4	1,480.47	3/4	1,719.42	3/4	1,958.60	3/4	2,198.20
7/8	68.43	7/8	299.79	7/8	538.39	7/8	776.24	7/8	1,006.33	7/8	1,245.93	7/8	1,485.45	7/8	1,724.39	7/8	1,963.59	7/8	2,203.19
3	72.65	9	304.76	3	543.36	9	781.12	3	1,011.32	9	1,250.92	3	1,490.44	9	1,729.37	3	1,968.58	9	2,208.18
1/8	77.40	1/8	309.73	1/8	548.33	1/8	785.86	1/8	1,016.31	1/8	1,255.91	1/8	1,495.42	1/8	1,734.35	1/8	1,973.57	1/8	2,213.17
1/4	82.14	1/4	314.71	1/4	553.29	1/4	790.59	1/4	1,021.30	1/4	1,260.90	1/4	1,500.41	1/4	1,739.32	1/4	1,978.56	1/4	2,218.16
3/8	86.89	3/8	319.68	3/8	558.26	3/8	795.33	3/8	1,026.29	3/8	1,265.89	3/8	1,505.39	3/8	1,744.30	3/8	1,983.55	3/8	2,223.16
1/2	91.63	1/2	324.66	1/2	563.23	1/2	800.07	1/2	1,031.28	1/2	1,270.88	1/2	1,510.37	1/2	1,749.27	1/2	1,988.54	1/2	2,228.15
5/8	96.38	5/8	329.63	5/8	568.20	5/8	804.81	5/8	1,036.28	5/8	1,275.88	5/8	1,515.36	5/8	1,754.25	5/8	1,993.54	5/8	2,233.14
3/4	101.12	3/4	334.61	3/4	573.16	3/4	809.54	3/4	1,041.27	3/4	1,280.87	3/4	1,520.34	3/4	1,759.23	3/4	1,998.53	3/4	2,238.13
7/8	105.87	7/8	339.58	7/8	578.13	7/8	814.28	7/8	1,046.26	7/8	1,285.86	7/8	1,525.33	7/8	1,764.20	7/8	2,003.52	7/8	2,243.13
4	110.61	10	344.56	4	583.10	10	819.02	4	1,051.25	10	1,290.85	4	1,530.31	10	1,769.18	4	2,008.51	10	2,248.12
1/8	115.36	1/8	349.53	1/8	588.07	1/8	823.76	1/8	1,056.24	1/8	1,295.84	1/8	1,535.29	1/8	1,774.16	1/8	2,013.50	1/8	2,253.11
1/4	120.10	1/4	354.51	1/4	593.03	1/4	828.49	1/4	1,061.23	1/4	1,300.84	1/4	1,540.27	1/4	1,779.14	1/4	2,018.49	1/4	2,258.10
3/8	124.85	3/8	359.48	3/8	598.00	3/8	833.23	3/8	1,066.22	3/8	1,305.83	3/8	1,545.25	3/8	1,784.12	3/8	2,023.49	3/8	2,263.09
1/2	129.59	1/2	364.46	1/2	602.97	1/2	837.97	1/2	1,071.22	1/2	1,310.82	1/2	1,550.23	1/2	1,789.09	1/2	2,028.48	1/2	2,268.08
5/8	134.34	5/8	369.43	5/8	607.94	5/8	842.71	5/8	1,076.21	5/8	1,315.81	5/8	1,555.22	5/8	1,794.07	5/8	2,033.47	5/8	2,273.08
3/4	139.08	3/4	374.41	3/4	612.90	3/4	847.44	3/4	1,081.20	3/4	1,320.81	3/4	1,560.20	3/4	1,799.05	3/4	2,038.46	3/4	2,278.07
7/8	143.83	7/8	379.38	7/8	617.87	7/8	852.18	7/8	1,086.19	7/8	1,325.80	7/8	1,565.18	7/8	1,804.03	7/8	2,043.46	7/8	2,283.06
5	148.57	11	384.36	5	622.84	11	856.92	5	1,091.18	11	1,330.79	5	1,570.16	11	1,809.01	5	2,048.45	11	2,288.05
1/8	153.31	1/8	389.33	1/8	627.81	1/8	861.66	1/8	1,096.17	1/8	1,335.78	1/8	1,575.13	1/8	1,813.99	1/8	2,053.44	1/8	2,293.04
1/4	158.06	1/4	394.30	1/4	632.77	1/4	866.39	1/4	1,101.17	1/4	1,340.77	1/4	1,580.11	1/4	1,818.98	1/4	2,058.43	1/4	2,298.03
3/8	162.80	3/8	399.27	3/8	637.74	3/8	871.13	3/8	1,106.16	3/8	1,345.76	3/8	1,585.08	3/8	1,823.96	3/8	2,063.42	3/8	2,303.02
1/2	167.54	1/2	404.24	1/2	642.71	1/2	875.87	1/2	1,111.15	1/2	1,350.75	1/2	1,590.06	1/2	1,828.94	1/2	2,068.41	1/2	2,308.02
5/8	172.29	5/8	409.22	5/8	647.68	5/8	880.61	5/8	1,116.14	5/8	1,355.75	5/8	1,595.03	5/8	1,833.93	5/8	2,073.41	5/8	2,313.01
3/4	177.03	3/4	414.19	3/4	652.64	3/4	885.34	3/4	1,121.13	3/4	1,360.74	3/4	1,600.01	3/4	1,838.91	3/4	2,078.40	3/4	2,318.00
7/8	181.78	7/8	419.16	7/8	657.61	7/8	890.08	7/8	1,126.13	7/8	1,365.73	7/8	1,604.98	7/8	1,843.90	7/8	2,083.39	7/8	2,322.99

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 41'-06" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28750"

4 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HMS 301"

GAUGE HEIGHT 17'-07 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	2,327.98	6	2,567.58	0	2,807.19	6	3,046.72	0	3,286.08	6	3,525.68	0	3,765.27	6	4,004.87	0	4,244.47	6	4,484.06
1/8	2,332.97	1/8	2,572.57	1/8	2,812.18	1/8	3,051.70	1/8	3,291.07	1/8	3,530.67	1/8	3,770.26	1/8	4,009.86	1/8	4,249.46	1/8	4,489.05
1/4	2,337.97	1/4	2,577.57	1/4	2,817.17	1/4	3,056.69	1/4	3,296.06	1/4	3,535.66	1/4	3,775.25	1/4	4,014.85	1/4	4,254.45	1/4	4,494.05
3/8	2,342.96	3/8	2,582.56	3/8	2,822.16	3/8	3,061.67	3/8	3,301.05	3/8	3,540.65	3/8	3,780.25	3/8	4,019.84	3/8	4,259.44	3/8	4,499.04
1/2	2,347.95	1/2	2,587.55	1/2	2,827.15	1/2	3,066.66	1/2	3,306.04	1/2	3,545.64	1/2	3,785.24	1/2	4,024.84	1/2	4,264.43	1/2	4,504.03
5/8	2,352.94	5/8	2,592.54	5/8	2,832.15	5/8	3,071.64	5/8	3,311.04	5/8	3,550.64	5/8	3,790.23	5/8	4,029.83	5/8	4,269.43	5/8	4,509.02
3/4	2,357.93	3/4	2,597.53	3/4	2,837.14	3/4	3,076.63	3/4	3,316.03	3/4	3,555.63	3/4	3,795.22	3/4	4,034.82	3/4	4,274.42	3/4	4,514.01
7/8	2,362.93	7/8	2,602.53	7/8	2,842.13	7/8	3,081.61	7/8	3,321.02	7/8	3,560.62	7/8	3,800.22	7/8	4,039.81	7/8	4,279.41	7/8	4,519.01
1	2,367.92	7	2,607.52	1	2,847.12	7	3,086.60	1	3,326.01	7	3,565.61	1	3,805.21	7	4,044.80	1	4,284.40	7	4,524.00
1/8	2,372.91	1/8	2,612.51	1/8	2,852.11	1/8	3,091.58	1/8	3,331.00	1/8	3,570.60	1/8	3,810.20	1/8	4,049.79	1/8	4,289.39	1/8	4,528.99
1/4	2,377.90	1/4	2,617.50	1/4	2,857.10	1/4	3,096.57	1/4	3,335.99	1/4	3,575.59	1/4	3,815.19	1/4	4,054.78	1/4	4,294.38	1/4	4,533.98
3/8	2,382.89	3/8	2,622.49	3/8	2,862.09	3/8	3,101.55	3/8	3,340.98	3/8	3,580.58	3/8	3,820.18	3/8	4,059.77	3/8	4,299.37	3/8	4,538.97
1/2	2,387.88	1/2	2,627.48	1/2	2,867.08	1/2	3,106.54	1/2	3,345.97	1/2	3,585.58	1/2	3,825.17	1/2	4,064.77	1/2	4,304.36	1/2	4,543.96
5/8	2,392.88	5/8	2,632.48	5/8	2,872.08	5/8	3,111.52	5/8	3,350.97	5/8	3,590.57	5/8	3,830.17	5/8	4,069.76	5/8	4,309.36	5/8	4,548.96
3/4	2,397.87	3/4	2,637.47	3/4	2,877.07	3/4	3,116.51	3/4	3,355.96	3/4	3,595.56	3/4	3,835.16	3/4	4,074.75	3/4	4,314.35	3/4	4,553.95
7/8	2,402.86	7/8	2,642.46	7/8	2,882.06	7/8	3,121.49	7/8	3,360.95	7/8	3,600.55	7/8	3,840.15	7/8	4,079.74	7/8	4,319.34	7/8	4,558.94
2	2,407.85	8	2,647.45	2	2,887.05	8	3,126.48	2	3,365.94	8	3,605.54	2	3,845.14	8	4,084.73	2	4,324.33	8	4,563.93
1/8	2,412.84	1/8	2,652.44	1/8	2,892.04	1/8	3,131.46	1/8	3,370.93	1/8	3,610.53	1/8	3,850.13	1/8	4,089.72	1/8	4,329.32	1/8	4,568.92
1/4	2,417.83	1/4	2,657.44	1/4	2,897.03	1/4	3,136.45	1/4	3,375.92	1/4	3,615.52	1/4	3,855.12	1/4	4,094.72	1/4	4,334.31	1/4	4,573.91
3/8	2,422.82	3/8	2,662.43	3/8	2,902.03	3/8	3,141.43	3/8	3,380.92	3/8	3,620.51	3/8	3,860.11	3/8	4,099.71	3/8	4,339.30	3/8	4,578.90
1/2	2,427.82	1/2	2,667.42	1/2	2,907.02	1/2	3,146.42	1/2	3,385.91	1/2	3,625.51	1/2	3,865.10	1/2	4,104.70	1/2	4,344.29	1/2	4,583.90
5/8	2,432.81	5/8	2,672.41	5/8	2,912.01	5/8	3,151.40	5/8	3,390.90	5/8	3,630.50	5/8	3,870.10	5/8	4,109.69	5/8	4,349.29	5/8	4,588.89
3/4	2,437.80	3/4	2,677.41	3/4	2,917.00	3/4	3,156.39	3/4	3,395.89	3/4	3,635.49	3/4	3,875.09	3/4	4,114.69	3/4	4,354.28	3/4	4,593.88
7/8	2,442.79	7/8	2,682.40	7/8	2,922.00	7/8	3,161.37	7/8	3,400.89	7/8	3,640.48	7/8	3,880.08	7/8	4,119.68	7/8	4,359.27	7/8	4,598.87
3	2,447.78	9	2,687.39	3	2,926.99	9	3,166.36	3	3,405.88	9	3,645.47	3	3,885.07	9	4,124.67	3	4,364.26	9	4,603.86
1/8	2,452.77	1/8	2,692.38	1/8	2,931.98	1/8	3,171.35	1/8	3,410.87	1/8	3,650.46	1/8	3,890.06	1/8	4,129.66	1/8	4,369.25	1/8	4,608.84
1/4	2,457.77	1/4	2,697.37	1/4	2,936.97	1/4	3,176.33	1/4	3,415.86	1/4	3,655.46	1/4	3,895.05	1/4	4,134.65	1/4	4,374.24	1/4	4,613.82
3/8	2,462.76	3/8	2,702.36	3/8	2,941.96	3/8	3,181.32	3/8	3,420.85	3/8	3,660.45	3/8	3,900.04	3/8	4,139.64	3/8	4,379.24	3/8	4,618.80
1/2	2,467.75	1/2	2,707.35	1/2	2,946.95	1/2	3,186.30	1/2	3,425.84	1/2	3,665.44	1/2	3,905.03	1/2	4,144.63	1/2	4,384.23	1/2	4,623.78
5/8	2,472.74	5/8	2,712.35	5/8	2,951.95	5/8	3,191.29	5/8	3,430.84	5/8	3,670.43	5/8	3,910.03	5/8	4,149.63	5/8	4,389.22	5/8	4,628.75
3/4	2,477.73	3/4	2,717.34	3/4	2,956.94	3/4	3,196.28	3/4	3,435.83	3/4	3,675.43	3/4	3,915.02	3/4	4,154.62	3/4	4,394.21	3/4	4,633.73
7/8	2,482.73	7/8	2,722.33	7/8	2,961.93	7/8	3,201.26	7/8	3,440.82	7/8	3,680.42	7/8	3,920.01	7/8	4,159.61	7/8	4,399.21	7/8	4,638.71
4	2,487.72	10	2,727.32	4	2,966.92	10	3,206.25	4	3,445.81	10	3,685.41	4	3,925.00	10	4,164.60	4	4,404.20	10	4,643.69
1/8	2,492.71	1/8	2,732.31	1/8	2,971.91	1/8	3,211.24	1/8	3,450.80	1/8	3,690.40	1/8	3,929.99	1/8	4,169.59	1/8	4,409.19	1/8	4,648.65
1/4	2,497.70	1/4	2,737.30	1/4	2,976.90	1/4	3,216.23	1/4	3,455.79	1/4	3,695.39	1/4	3,934.98	1/4	4,174.58	1/4	4,414.18	1/4	4,653.60
3/8	2,502.69	3/8	2,742.29	3/8	2,981.89	3/8	3,221.21	3/8	3,460.78	3/8	3,700.38	3/8	3,939.98	3/8	4,179.57	3/8	4,419.17	3/8	4,658.56
1/2	2,507.68	1/2	2,747.28	1/2	2,986.87	1/2	3,226.20	1/2	3,465.78	1/2	3,705.37	1/2	3,944.97	1/2	4,184.56	1/2	4,424.16	1/2	4,663.51
5/8	2,512.68	5/8	2,752.28	5/8	2,991.86	5/8	3,231.19	5/8	3,470.77	5/8	3,710.37	5/8	3,949.96	5/8	4,189.56	5/8	4,429.16	5/8	4,668.47
3/4	2,517.67	3/4	2,757.27	3/4	2,996.85	3/4	3,236.18	3/4	3,475.76	3/4	3,715.36	3/4	3,954.95	3/4	4,194.55	3/4	4,434.15	3/4	4,673.43
7/8	2,522.66	7/8	2,762.26	7/8	3,001.84	7/8	3,241.16	7/8	3,480.75	7/8	3,720.35	7/8	3,959.95	7/8	4,199.54	7/8	4,439.14	7/8	4,678.38
5	2,527.65	11	2,767.25	5	3,006.83	11	3,246.15	5	3,485.74	11	3,725.34	5	3,964.94	11	4,204.53	5	4,444.13	11	4,683.34
1/8	2,532.64	1/8	2,772.24	1/8	3,011.82	1/8	3,251.14	1/8	3,490.73	1/8	3,730.33	1/8	3,969.93	1/8	4,209.52	1/8	4,449.12	1/8	4,688.30
1/4	2,537.63	1/4	2,777.23	1/4	3,016.80	1/4	3,256.13	1/4	3,495.73	1/4	3,735.32	1/4	3,974.92	1/4	4,214.51	1/4	4,454.11	1/4	4,693.25
3/8	2,542.62	3/8	2,782.23	3/8	3,021.79	3/8	3,261.12	3/8	3,500.72	3/8	3,740.31	3/8	3,979.91	3/8	4,219.51	3/8	4,459.10	3/8	4,698.21
1/2	2,547.62	1/2	2,787.22	1/2	3,026.77	1/2	3,266.11	1/2	3,505.71	1/2	3,745.30	1/2	3,984.90	1/2	4,224.50	1/2	4,464.10	1/2	4,703.17
5/8	2,552.61	5/8	2,792.21	5/8	3,031.76	5/8	3,271.11	5/8	3,510.70	5/8	3,750.30	5/8	3,989.90	5/8	4,229.49	5/8	4,469.09	5/8	4,708.13
3/4	2,557.60	3/4	2,797.20	3/4	3,036.75	3/4	3,276.10	3/4	3,515.69	3/4	3,755.29	3/4	3,994.89	3/4	4,234.48	3/4	4,474.08	3/4	4,713.08
7/8	2,562.59	7/8	2,802.20	7/8	3,041.73	7/8	3,281.09	7/8	3,520.69	7/8	3,760.28	7/8	3,999.88	7/8	4,239.48	7/8	4,479.07	7/8	4,718.04

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BARGE "KIRBY 28750"

4 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HMS 301"

GAUGE HEIGHT 17'-07 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	4,723.00	6	4,960.93	0	5,198.68	6	5,379.73	0	5,499.93	6	5,619.21	0	5,737.76	6	5,856.32	0	5,974.61	6	6,070.55
1/8	4,727.96	1/8	4,965.89	1/8	5,203.63	1/8	5,382.23	1/8	5,502.43	1/8	5,621.68	1/8	5,740.23	1/8	5,858.79	1/8	5,977.07	1/8	6,071.10
1/4	4,732.91	1/4	4,970.85	1/4	5,208.57	1/4	5,384.74	1/4	5,504.94	1/4	5,624.15	1/4	5,742.70	1/4	5,861.26	1/4	5,979.53	1/4	6,071.66
3/8	4,737.87	3/8	4,975.80	3/8	5,213.52	3/8	5,387.24	3/8	5,507.44	3/8	5,626.62	3/8	5,745.17	3/8	5,863.73	3/8	5,981.99	3/8	6,072.21
1/2	4,742.83	1/2	4,980.76	1/2	5,218.47	1/2	5,389.75	1/2	5,509.95	1/2	5,629.09	1/2	5,747.64	1/2	5,866.20	1/2	5,984.45	1/2	6,072.76
5/8	4,747.79	5/8	4,985.72	5/8	5,223.42	5/8	5,392.25	5/8	5,512.45	5/8	5,631.56	5/8	5,750.11	5/8	5,868.67	5/8	5,986.91	5/8	6,073.31
3/4	4,752.74	3/4	4,990.68	3/4	5,228.36	3/4	5,394.76	3/4	5,514.96	3/4	5,634.03	3/4	5,752.58	3/4	5,871.14	3/4	5,989.37	3/4	6,073.87
7/8	4,757.70	7/8	4,995.63	7/8	5,233.31	7/8	5,397.26	7/8	5,517.46	7/8	5,636.50	7/8	5,755.05	7/8	5,873.61	7/8	5,991.83	7/8	6,074.42
1	4,762.66	7	5,000.59	1	5,238.26	7	5,399.77	1	5,519.97	7	5,638.97	1	5,757.52	7	5,876.08	1	5,994.29	7	6,074.97
1/8	4,767.62	1/8	5,005.55	1/8	5,243.21	1/8	5,402.27	1/8	5,522.47	1/8	5,641.44	1/8	5,759.99	1/8	5,878.55	1/8	5,996.76	1/8	6,075.21
1/4	4,772.57	1/4	5,010.50	1/4	5,248.15	1/4	5,404.78	1/4	5,524.98	1/4	5,643.91	1/4	5,762.46	1/4	5,881.02	1/4	5,999.24	1/4	6,075.45
3/8	4,777.53	3/8	5,015.46	3/8	5,253.10	3/8	5,407.28	3/8	5,527.48	3/8	5,646.38	3/8	5,764.93	3/8	5,883.49	3/8	6,001.71	3/8	6,075.68
1/2	4,782.48	1/2	5,020.41	1/2	5,258.04	1/2	5,409.78	1/2	5,529.98	1/2	5,648.85	1/2	5,767.40	1/2	5,885.96	1/2	6,004.18	1/2	6,075.92
5/8	4,787.44	5/8	5,025.37	5/8	5,262.99	5/8	5,412.29	5/8	5,532.49	5/8	5,651.32	5/8	5,769.87	5/8	5,888.43	5/8	6,006.66	5/8	6,076.16
3/4	4,792.40	3/4	5,030.33	3/4	5,267.94	3/4	5,414.79	3/4	5,534.99	3/4	5,653.79	3/4	5,772.34	3/4	5,890.90	3/4	6,009.13	3/4	
7/8	4,797.35	7/8	5,035.28	7/8	5,272.88	7/8	5,417.30	7/8	5,537.50	7/8	5,656.26	7/8	5,774.81	7/8	5,893.37	7/8	6,011.61	7/8	
2	4,802.31	8	5,040.24	2	5,277.83	8	5,419.80	2	5,540.00	8	5,658.73	2	5,777.28	8	5,895.84	2	6,014.08	8	
1/8	4,807.27	1/8	5,045.20	1/8	5,282.31	1/8	5,422.30	1/8	5,542.49	1/8	5,661.20	1/8	5,779.75	1/8	5,898.31	1/8	6,016.48	1/8	
1/4	4,812.23	1/4	5,050.15	1/4	5,286.79	1/4	5,424.81	1/4	5,544.98	1/4	5,663.67	1/4	5,782.22	1/4	5,900.77	1/4	6,018.88	1/4	
3/8	4,817.18	3/8	5,055.11	3/8	5,291.27	3/8	5,427.31	3/8	5,547.47	3/8	5,666.14	3/8	5,784.69	3/8	5,903.24	3/8	6,021.28	3/8	
1/2	4,822.14	1/2	5,060.07	1/2	5,295.74	1/2	5,429.81	1/2	5,549.96	1/2	5,668.61	1/2	5,787.16	1/2	5,905.70	1/2	6,023.68	1/2	
5/8	4,827.10	5/8	5,065.03	5/8	5,300.22	5/8	5,432.32	5/8	5,552.46	5/8	5,671.08	5/8	5,789.63	5/8	5,908.17	5/8	6,026.08	5/8	
3/4	4,832.06	3/4	5,069.98	3/4	5,304.70	3/4	5,434.82	3/4	5,554.95	3/4	5,673.55	3/4	5,792.10	3/4	5,910.64	3/4	6,028.48	3/4	
7/8	4,837.01	7/8	5,074.94	7/8	5,309.18	7/8	5,437.33	7/8	5,557.44	7/8	5,676.02	7/8	5,794.57	7/8	5,913.10	7/8	6,030.88	7/8	
3	4,841.97	9	5,079.90	3	5,313.66	9	5,439.83	3	5,559.93	9	5,678.49	3	5,797.04	9	5,915.57	3	6,033.28	9	
1/8	4,846.93	1/8	5,084.85	1/8	5,316.91	1/8	5,442.33	1/8	5,562.40	1/8	5,680.96	1/8	5,799.51	1/8	5,918.03	1/8	6,035.33	1/8	
1/4	4,851.88	1/4	5,089.80	1/4	5,320.16	1/4	5,444.84	1/4	5,564.87	1/4	5,683.43	1/4	5,801.98	1/4	5,920.49	1/4	6,037.38	1/4	
3/8	4,856.84	3/8	5,094.76	3/8	5,323.41	3/8	5,447.34	3/8	5,567.34	3/8	5,685.90	3/8	5,804.45	3/8	5,922.95	3/8	6,039.44	3/8	
1/2	4,861.79	1/2	5,099.71	1/2	5,326.66	1/2	5,449.85	1/2	5,569.81	1/2	5,688.37	1/2	5,806.92	1/2	5,925.41	1/2	6,041.49	1/2	
5/8	4,866.75	5/8	5,104.66	5/8	5,329.92	5/8	5,452.35	5/8	5,572.28	5/8	5,690.84	5/8	5,809.39	5/8	5,927.87	5/8	6,043.54	5/8	
3/4	4,871.71	3/4	5,109.61	3/4	5,333.17	3/4	5,454.86	3/4	5,574.75	3/4	5,693.31	3/4	5,811.86	3/4	5,930.33	3/4	6,045.59	3/4	
7/8	4,876.66	7/8	5,114.57	7/8	5,336.42	7/8	5,457.36	7/8	5,577.22	7/8	5,695.78	7/8	5,814.33	7/8	5,932.79	7/8	6,047.65	7/8	
4	4,881.62	10	5,119.52	4	5,339.67	10	5,459.87	4	5,579.69	10	5,698.25	4	5,816.80	10	5,935.25	4	6,049.70	10	
1/8	4,886.58	1/8	5,124.47	1/8	5,342.17	1/8	5,462.37	1/8	5,582.16	1/8	5,700.72	1/8	5,819.27	1/8	5,937.71	1/8	6,051.25	1/8	
1/4	4,891.53	1/4	5,129.41	1/4	5,344.68	1/4	5,464.88	1/4	5,584.63	1/4	5,703.19	1/4	5,821.74	1/4	5,940.17	1/4	6,052.81	1/4	
3/8	4,896.49	3/8	5,134.36	3/8	5,347.18	3/8	5,467.38	3/8	5,587.10	3/8	5,705.66	3/8	5,824.21	3/8	5,942.63	3/8	6,054.36	3/8	
1/2	4,901.45	1/2	5,139.31	1/2	5,349.68	1/2	5,469.88	1/2	5,589.57	1/2	5,708.13	1/2	5,826.68	1/2	5,945.09	1/2	6,055.91	1/2	
5/8	4,906.41	5/8	5,144.26	5/8	5,352.19	5/8	5,472.39	5/8	5,592.04	5/8	5,710.60	5/8	5,829.15	5/8	5,947.55	5/8	6,057.47	5/8	
3/4	4,911.36	3/4	5,149.20	3/4	5,354.69	3/4	5,474.89	3/4	5,594.51	3/4	5,713.07	3/4	5,831.62	3/4	5,950.01	3/4	6,059.02	3/4	
7/8	4,916.32	7/8	5,154.15	7/8	5,357.20	7/8	5,477.40	7/8	5,596.98	7/8	5,715.54	7/8	5,834.09	7/8	5,952.47	7/8	6,060.58	7/8	
5	4,921.28	11	5,159.10	5	5,359.70	11	5,479.90	5	5,599.45	11	5,718.01	5	5,836.56	11	5,954.93	5	6,062.13	11	
1/8	4,926.24	1/8	5,164.05	1/8	5,362.20	1/8	5,482.40	1/8	5,601.92	1/8	5,720.48	1/8	5,839.03	1/8	5,957.39	1/8	6,063.18	1/8	
1/4	4,931.19	1/4	5,168.99	1/4	5,364.71	1/4	5,484.91	1/4	5,604.39	1/4	5,722.95	1/4	5,841.50	1/4	5,959.85	1/4	6,064.24	1/4	
3/8	4,936.15	3/8	5,173.94	3/8	5,367.21	3/8	5,487.41	3/8	5,606.86	3/8	5,725.42	3/8	5,843.97	3/8	5,962.31	3/8	6,065.29	3/8	
1/2	4,941.10	1/2	5,178.89	1/2	5,369.71	1/2	5,489.91	1/2	5,609.33	1/2	5,727.88	1/2	5,846.44	1/2	5,964.77	1/2	6,066.34	1/2	
5/8	4,946.06	5/8	5,183.84	5/8	5,372.22	5/8	5,492.42	5/8	5,611.80	5/8	5,730.35	5/8	5,848.91	5/8	5,967.23	5/8	6,067.39	5/8	
3/4	4,951.02	3/4	5,188.78	3/4	5,374.72	3/4	5,494.92	3/4	5,614.27	3/4	5,732.82	3/4	5,851.38	3/4	5,969.69	3/4	6,068.45	3/4	
7/8	4,955.97	7/8	5,193.73	7/8	5,377.23	7/8	5,497.43	7/8	5,616.74	7/8	5,735.29	7/8	5,853.85	7/8	5,972.15	7/8	6,069.50	7/8	

STRAPPED: 01/05/2002 ITS
DECK MEASUREMENTS: 04/13/2020 SW
REPRINTED: 04/14/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2020

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "KIRBY 28750"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

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	3,794	0	7,588	0	11,382	0		0		0		0		0		0	
1/4	79	1/4	3,873	1/4	7,667	1/4	11,461	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158	1/2	3,952	1/2	7,746	1/2	11,540	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	237	3/4	4,031	3/4	7,825	3/4	11,619	3/4		3/4		3/4		3/4		3/4		3/4	
1	316	1	4,110	1	7,904	1	11,698	1		1		1		1		1		1	
1/4	395	1/4	4,189	1/4	7,983	1/4	11,777	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	474	1/2	4,268	1/2	8,062	1/2	11,856	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	553	3/4	4,347	3/4	8,141	3/4	11,935	3/4		3/4		3/4		3/4		3/4		3/4	
2	632	2	4,426	2	8,220	2	12,014	2		2		2		2		2		2	
1/4	711	1/4	4,505	1/4	8,299	1/4	12,093	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	790	1/2	4,584	1/2	8,378	1/2	12,172	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	869	3/4	4,663	3/4	8,457	3/4	12,251	3/4		3/4		3/4		3/4		3/4		3/4	
3	948	3	4,742	3	8,536	3	12,330	3		3		3		3		3		3	
1/4	1,028	1/4	4,821	1/4	8,615	1/4	12,409	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,107	1/2	4,900	1/2	8,694	1/2	12,488	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,186	3/4	4,979	3/4	8,773	3/4	12,567	3/4		3/4		3/4		3/4		3/4		3/4	
4	1,265	4	5,058	4	8,852	4	12,646	4		4		4		4		4		4	
1/4	1,344	1/4	5,138	1/4	8,931	1/4	12,725	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,423	1/2	5,217	1/2	9,010	1/2	12,804	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,502	3/4	5,296	3/4	9,089	3/4	12,883	3/4		3/4		3/4		3/4		3/4		3/4	
5	1,581	5	5,375	5	9,169	5	12,962	5		5		5		5		5		5	
1/4	1,660	1/4	5,454	1/4	9,248	1/4	13,041	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,739	1/2	5,533	1/2	9,327	1/2	13,120	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,818	3/4	5,612	3/4	9,406	3/4	13,199	3/4		3/4		3/4		3/4		3/4		3/4	
6	1,897	6	5,691	6	9,485	6	13,279	6		6		6		6		6		6	
1/4	1,976	1/4	5,770	1/4	9,564	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,055	1/2	5,849	1/2	9,643	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,134	3/4	5,928	3/4	9,722	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	2,213	7	6,007	7	9,801	7		7		7		7		7		7		7	
1/4	2,292	1/4	6,086	1/4	9,880	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,371	1/2	6,165	1/2	9,959	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,450	3/4	6,244	3/4	10,038	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	2,529	8	6,323	8	10,117	8		8		8		8		8		8		8	
1/4	2,608	1/4	6,402	1/4	10,196	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,687	1/2	6,481	1/2	10,275	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,766	3/4	6,560	3/4	10,354	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	2,845	9	6,639	9	10,433	9		9		9		9		9		9		9	
1/4	2,924	1/4	6,718	1/4	10,512	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,003	1/2	6,797	1/2	10,591	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,083	3/4	6,876	3/4	10,670	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,162	10	6,955	10	10,749	10		10		10		10		10		10		10	
1/4	3,241	1/4	7,034	1/4	10,828	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,320	1/2	7,113	1/2	10,907	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,399	3/4	7,193	3/4	10,986	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,478	11	7,272	11	11,065	11		11		11		11		11		11		11	
1/4	3,557	1/4	7,351	1/4	11,144	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,636	1/2	7,430	1/2	11,224	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,715	3/4	7,509	3/4	11,303	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

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

STRAPPED: 03/22/2018 SW
CALCULATED: 03/23/2018 CL
PRINTED: 03/23/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2018

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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