



# BARGE "KIRBY 30088"

ULLAGE TRIM TABLE

EX: WTC 3019

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
 AFT DRAFT = 5'-00"  
 DIFF. = 3'-00" (DOWN BY STERN)

September 22, 2023

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

<http://www.pmacorp.net>

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



# BARGE "KIRBY 30088"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3019"

GAUGE HEIGHT 16-10 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	4,921.93	0	4,564.13	0	4,206.34	0	3,848.55	0	3,490.76	0	3,132.97	0	2,775.18
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,914.47	1/4	4,556.68	1/4	4,198.89	1/4	3,841.09	1/4	3,483.31	1/4	3,125.51	1/4	2,767.72
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,907.02	1/2	4,549.22	1/2	4,191.43	1/2	3,833.64	1/2	3,475.85	1/2	3,118.06	1/2	2,760.27
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,899.56	3/4	4,541.77	3/4	4,183.98	3/4	3,826.19	3/4	3,468.40	3/4	3,110.60	3/4	2,752.81
1		1		1		1	4,892.11	1	4,534.32	1	4,176.52	1	3,818.73	1	3,460.95	1	3,103.15	1	2,745.36
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,884.66	1/4	4,526.86	1/4	4,169.07	1/4	3,811.28	1/4	3,453.49	1/4	3,095.70	1/4	2,737.91
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,877.20	1/2	4,519.41	1/2	4,161.61	1/2	3,803.82	1/2	3,446.04	1/2	3,088.24	1/2	2,730.45
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,869.75	3/4	4,511.96	3/4	4,154.16	3/4	3,796.37	3/4	3,438.58	3/4	3,080.79	3/4	2,723.00
2		2		2		2	4,862.30	2	4,504.50	2	4,146.71	2	3,788.92	2	3,431.13	2	3,073.34	2	2,715.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,854.84	1/4	4,497.05	1/4	4,139.25	1/4	3,781.46	1/4	3,423.67	1/4	3,065.88	1/4	2,708.09
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,847.39	1/2	4,489.59	1/2	4,131.80	1/2	3,774.01	1/2	3,416.22	1/2	3,058.43	1/2	2,700.64
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,839.93	3/4	4,482.14	3/4	4,124.35	3/4	3,766.56	3/4	3,408.76	3/4	3,050.97	3/4	2,693.18
3		3		3		3	4,832.48	3	4,474.68	3	4,116.89	3	3,759.10	3	3,401.31	3	3,043.52	3	2,685.73
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,825.03	1/4	4,467.23	1/4	4,109.44	1/4	3,751.65	1/4	3,393.86	1/4	3,036.07	1/4	2,678.27
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,817.57	1/2	4,459.77	1/2	4,101.98	1/2	3,744.19	1/2	3,386.40	1/2	3,028.61	1/2	2,670.82
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,810.12	3/4	4,452.32	3/4	4,094.53	3/4	3,736.74	3/4	3,378.95	3/4	3,021.16	3/4	2,663.36
4		4		4		4	4,802.67	4	4,444.87	4	4,087.08	4	3,729.28	4	3,371.50	4	3,013.71	4	2,655.91
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,795.21	1/4	4,437.41	1/4	4,079.62	1/4	3,721.83	1/4	3,364.04	1/4	3,006.25	1/4	2,648.46
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,787.76	1/2	4,429.96	1/2	4,072.17	1/2	3,714.37	1/2	3,356.59	1/2	2,998.80	1/2	2,641.00
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,780.30	3/4	4,422.51	3/4	4,064.72	3/4	3,706.92	3/4	3,349.13	3/4	2,991.34	3/4	2,633.55
5		5		5		5	5,056.12	5	4,772.85	5	4,415.05	5	4,057.26	5	3,699.47	5	3,341.68	5	2,983.89
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,054.43	1/4	4,765.39	1/4	4,407.60	1/4	4,049.81	1/4	3,692.01	1/4	3,334.23	1/4	2,976.43
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,053.59	1/2	4,757.94	1/2	4,400.14	1/2	4,042.35	1/2	3,684.56	1/2	3,326.77	1/2	2,968.98
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,052.74	3/4	4,750.48	3/4	4,392.69	3/4	4,034.90	3/4	3,677.11	3/4	3,319.32	3/4	2,961.52
6		6		6		6	5,050.71	6	4,743.03	6	4,385.24	6	4,027.44	6	3,669.65	6	3,311.87	6	2,954.07
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,048.68	1/4	4,735.58	1/4	4,377.78	1/4	4,019.99	1/4	3,662.20	1/4	3,304.41	1/4	2,946.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,046.64	1/2	4,728.12	1/2	4,370.33	1/2	4,012.53	1/2	3,654.74	1/2	3,296.96	1/2	2,939.16
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,044.61	3/4	4,720.67	3/4	4,362.88	3/4	4,005.08	3/4	3,647.29	3/4	3,289.50	3/4	2,931.71
7		7		7		7	5,041.22	7	4,713.22	7	4,355.42	7	3,997.63	7	3,639.84	7	3,282.05	7	2,924.26
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,037.84	1/4	4,705.76	1/4	4,347.97	1/4	3,990.17	1/4	3,632.38	1/4	3,274.59	1/4	2,916.80
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,034.45	1/2	4,698.31	1/2	4,340.51	1/2	3,982.72	1/2	3,624.93	1/2	3,267.14	1/2	2,909.35
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,031.06	3/4	4,690.85	3/4	4,333.06	3/4	3,975.27	3/4	3,617.48	3/4	3,259.68	3/4	2,901.89
8		8		8		8	5,026.32	8	4,683.40	8	4,325.60	8	3,967.81	8	3,610.03	8	3,252.23	8	2,894.44
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,021.57	1/4	4,675.95	1/4	4,318.15	1/4	3,960.36	1/4	3,602.57	1/4	3,244.78	1/4	2,886.99
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,016.83	1/2	4,668.49	1/2	4,310.69	1/2	3,952.90	1/2	3,595.12	1/2	3,237.32	1/2	2,879.53
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,012.08	3/4	4,661.04	3/4	4,303.24	3/4	3,945.45	3/4	3,587.66	3/4	3,229.87	3/4	2,872.08
9		9		9		9	5,005.98	9	4,653.58	9	4,295.79	9	3,938.00	9	3,580.21	9	3,222.42	9	2,864.63
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,999.88	1/4	4,646.13	1/4	4,288.33	1/4	3,930.54	1/4	3,572.75	1/4	3,214.96	1/4	2,857.17
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,993.77	1/2	4,638.67	1/2	4,280.88	1/2	3,923.09	1/2	3,565.30	1/2	3,207.51	1/2	2,849.72
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,987.67	3/4	4,631.22	3/4	4,273.43	3/4	3,915.64	3/4	3,557.84	3/4	3,200.05	3/4	2,842.26
10		10		10		10	4,980.55	10	4,623.76	10	4,265.97	10	3,908.18	10	3,550.39	10	3,192.60	10	2,834.81
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,973.44	1/4	4,616.31	1/4	4,258.52	1/4	3,900.73	1/4	3,542.94	1/4	3,185.15	1/4	2,827.35
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,966.32	1/2	4,608.86	1/2	4,251.06	1/2	3,893.27	1/2	3,535.48	1/2	3,177.69	1/2	2,819.90
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,959.20	3/4	4,601.40	3/4	4,243.61	3/4	3,885.82	3/4	3,528.03	3/4	3,170.24	3/4	2,812.44
11		11		11		11	4,951.75	11	4,593.95	11	4,236.16	11	3,878.36	11	3,520.58	11	3,162.79	11	2,804.99
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,944.29	1/4	4,586.49	1/4	4,228.70	1/4	3,870.91	1/4	3,513.12	1/4	3,155.33	1/4	2,797.54
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,936.84	1/2	4,579.04	1/2	4,221.25	1/2	3,863.45	1/2	3,505.67	1/2	3,147.88	1/2	2,790.08
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,929.38	3/4	4,571.59	3/4	4,213.80	3/4	3,856.00	3/4	3,498.21	3/4	3,140.42	3/4	2,782.63

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-06" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "KIRBY 30088"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3019"

GAUGE HEIGHT 16-10 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,417.38	0	2,059.59	0	1,701.80	0	1,344.01	0	986.12	0	627.89	0	278.67	0		0		0	
1/4	2,409.93	1/4	2,052.14	1/4	1,694.34	1/4	1,336.55	1/4	978.65	1/4	620.43	1/4	271.74	1/4	1/4		1/4		1/4
1/2	2,402.47	1/2	2,044.68	1/2	1,686.89	1/2	1,329.10	1/2	971.19	1/2	612.96	1/2	264.80	1/2	1/2		1/2		1/2
3/4	2,395.02	3/4	2,037.23	3/4	1,679.43	3/4	1,321.64	3/4	963.72	3/4	605.50	3/4	257.86	3/4	3/4		3/4		3/4
1	2,387.57	1	2,029.78	1	1,671.98	1	1,314.19	1	956.26	1	598.04	1	251.03	1	1		1		1
1/4	2,380.11	1/4	2,022.32	1/4	1,664.53	1/4	1,306.74	1/4	948.80	1/4	590.58	1/4	244.19	1/4	1/4		1/4		1/4
1/2	2,372.66	1/2	2,014.87	1/2	1,657.07	1/2	1,299.28	1/2	941.33	1/2	583.11	1/2	237.36	1/2	1/2		1/2		1/2
3/4	2,365.20	3/4	2,007.41	3/4	1,649.62	3/4	1,291.83	3/4	933.87	3/4	575.65	3/4	230.52	3/4	3/4		3/4		3/4
2	2,357.75	2	1,999.96	2	1,642.17	2	1,284.38	2	926.41	2	568.19	2	223.79	2	2		2		2
1/4	2,350.30	1/4	1,992.50	1/4	1,634.71	1/4	1,276.92	1/4	918.95	1/4	560.73	1/4	217.06	1/4	1/4		1/4		1/4
1/2	2,342.84	1/2	1,985.05	1/2	1,627.26	1/2	1,269.47	1/2	911.48	1/2	553.26	1/2	210.33	1/2	1/2		1/2		1/2
3/4	2,335.39	3/4	1,977.59	3/4	1,619.80	3/4	1,262.01	3/4	904.02	3/4	545.80	3/4	203.60	3/4	3/4		3/4		3/4
3	2,328.19	3	1,970.14	3	1,612.35	3	1,254.56	3	896.56	3	538.34	3	196.87	3	3		3		3
1/4	2,320.98	1/4	1,962.69	1/4	1,604.90	1/4	1,247.10	1/4	889.10	1/4	530.87	1/4	190.14	1/4	1/4		1/4		1/4
1/2	2,313.78	1/2	1,955.23	1/2	1,597.44	1/2	1,239.65	1/2	881.63	1/2	523.41	1/2	183.40	1/2	1/2		1/2		1/2
3/4	2,306.57	3/4	1,947.78	3/4	1,589.99	3/4	1,232.19	3/4	874.17	3/4	515.94	3/4	176.67	3/4	3/4		3/4		3/4
4	2,298.87	4	1,940.33	4	1,582.54	4	1,224.74	4	866.71	4	508.54	4	170.04	4	4		4		4
1/4	2,291.16	1/4	1,932.87	1/4	1,575.08	1/4	1,217.29	1/4	859.25	1/4	501.14	1/4	163.41	1/4	1/4		1/4		1/4
1/2	2,283.46	1/2	1,925.42	1/2	1,567.63	1/2	1,209.83	1/2	851.78	1/2	493.74	1/2	156.78	1/2	1/2		1/2		1/2
3/4	2,275.75	3/4	1,917.96	3/4	1,560.17	3/4	1,202.38	3/4	844.32	3/4	486.34	3/4	150.15	3/4	3/4		3/4		3/4
5	2,268.30	5	1,910.51	5	1,552.72	5	1,194.93	5	836.86	5	479.00	5	143.62	5	5		5		5
1/4	2,260.85	1/4	1,903.06	1/4	1,545.26	1/4	1,187.47	1/4	829.39	1/4	471.65	1/4	137.10	1/4	1/4		1/4		1/4
1/2	2,253.39	1/2	1,895.60	1/2	1,537.81	1/2	1,180.02	1/2	821.93	1/2	464.31	1/2	130.57	1/2	1/2		1/2		1/2
3/4	2,245.94	3/4	1,888.15	3/4	1,530.35	3/4	1,172.56	3/4	814.46	3/4	456.96	3/4	124.04	3/4	3/4		3/4		3/4
6	2,238.49	6	1,880.70	6	1,522.90	6	1,165.11	6	807.00	6	449.62	6	117.51	6	6		6		6
1/4	2,231.03	1/4	1,873.24	1/4	1,515.45	1/4	1,157.66	1/4	799.54	1/4	442.28	1/4	110.99	1/4	1/4		1/4		1/4
1/2	2,223.58	1/2	1,865.79	1/2	1,507.99	1/2	1,150.20	1/2	792.07	1/2	434.93	1/2	104.46	1/2	1/2		1/2		1/2
3/4	2,216.12	3/4	1,858.33	3/4	1,500.54	3/4	1,142.75	3/4	784.61	3/4	427.59	3/4	97.93	3/4	3/4		3/4		3/4
7	2,208.67	7	1,850.88	7	1,493.09	7	1,135.30	7	777.15	7	420.35	7	91.51	7	7		7		7
1/4	2,201.22	1/4	1,843.42	1/4	1,485.63	1/4	1,127.84	1/4	769.69	1/4	413.11	1/4	85.08	1/4	1/4		1/4		1/4
1/2	2,193.76	1/2	1,835.97	1/2	1,478.18	1/2	1,120.39	1/2	762.22	1/2	405.86	1/2	78.66	1/2	1/2		1/2		1/2
3/4	2,186.31	3/4	1,828.51	3/4	1,470.72	3/4	1,112.93	3/4	754.76	3/4	398.62	3/4	72.23	3/4	3/4		3/4		3/4
8	2,178.86	8	1,821.06	8	1,463.27	8	1,105.48	8	747.30	8	391.48	8	66.58	8	8		8		8
1/4	2,171.40	1/4	1,813.61	1/4	1,455.82	1/4	1,098.02	1/4	739.84	1/4	384.35	1/4	60.93	1/4	1/4		1/4		1/4
1/2	2,163.95	1/2	1,806.15	1/2	1,448.36	1/2	1,090.57	1/2	732.37	1/2	377.21	1/2	55.27	1/2	1/2		1/2		1/2
3/4	2,156.49	3/4	1,798.70	3/4	1,440.91	3/4	1,083.11	3/4	724.91	3/4	370.07	3/4	49.62	3/4	3/4		3/4		3/4
9	2,149.04	9	1,790.75	9	1,433.46	9	1,075.65	9	717.45	9	362.93	9	44.91	9	9		9		9
1/4	2,141.58	1/4	1,782.79	1/4	1,426.00	1/4	1,068.20	1/4	709.99	1/4	355.79	1/4	40.19	1/4	1/4		1/4		1/4
1/2	2,134.13	1/2	1,774.84	1/2	1,418.55	1/2	1,060.74	1/2	702.52	1/2	348.65	1/2	35.48	1/2	1/2		1/2		1/2
3/4	2,126.67	3/4	1,766.88	3/4	1,411.09	3/4	1,053.28	3/4	695.06	3/4	341.51	3/4	30.76	3/4	3/4		3/4		3/4
10	2,119.22	10	1,759.93	10	1,403.64	10	1,045.82	10	687.60	10	334.47	10	27.22	10	10		10		10
1/4	2,111.77	1/4	1,752.98	1/4	1,396.18	1/4	1,038.36	1/4	680.13	1/4	327.44	1/4	23.68	1/4	1/4		1/4		1/4
1/2	2,104.31	1/2	1,746.02	1/2	1,388.73	1/2	1,030.89	1/2	672.67	1/2	320.40	1/2	20.13	1/2	1/2		1/2		1/2
3/4	2,096.86	3/4	1,739.07	3/4	1,381.27	3/4	1,023.43	3/4	665.20	3/4	313.36	3/4	16.59	3/4	3/4		3/4		3/4
11	2,089.41	11	1,731.62	11	1,373.82	11	1,015.97	11	657.74	11	306.42	11		11	11		11		11
1/4	2,081.95	1/4	1,724.16	1/4	1,366.37	1/4	1,008.51	1/4	650.28	1/4	299.49	1/4		1/4	1/4		1/4		1/4
1/2	2,074.50	1/2	1,716.71	1/2	1,358.91	1/2	1,001.04	1/2	642.81	1/2	292.55	1/2		1/2	1/2		1/2		1/2
3/4	2,067.04	3/4	1,709.25	3/4	1,351.46	3/4	993.58	3/4	635.35	3/4	285.61	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/07/2008 INSP  
NAME CHANGE 10/04/2018  
VERIFIED: 09/21/2023

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2023

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



# BARGE "KIRBY 30088"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3019"

GAUGE HEIGHT 16-11 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0		0	4,944.29	0	4,586.49	0	4,228.70	0	3,870.91	0	3,513.12	0	3,155.33	0	2,797.54		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,936.84	1/4	4,579.04	1/4	4,221.25	1/4	3,863.45	1/4	3,505.67	1/4	3,147.88	1/4	2,790.08		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,929.38	1/2	4,571.59	1/2	4,213.80	1/2	3,856.00	1/2	3,498.21	1/2	3,140.42	1/2	2,782.63		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,921.93	3/4	4,564.13	3/4	4,206.34	3/4	3,848.55	3/4	3,490.76	3/4	3,132.97	3/4	2,775.18		
1	1	1	1	1	1	1	4,914.47	1	4,556.68	1	4,198.89	1	3,841.09	1	3,483.31	1	3,125.51	1	2,767.72		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,907.02	1/4	4,549.22	1/4	4,191.43	1/4	3,833.64	1/4	3,475.85	1/4	3,118.06	1/4	2,760.27		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,899.56	1/2	4,541.77	1/2	4,183.98	1/2	3,826.19	1/2	3,468.40	1/2	3,110.60	1/2	2,752.81		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,892.11	3/4	4,534.32	3/4	4,176.52	3/4	3,818.73	3/4	3,460.95	3/4	3,103.15	3/4	2,745.36		
2	2	2	2	2	2	2	4,884.66	2	4,526.86	2	4,169.07	2	3,811.28	2	3,453.49	2	3,095.70	2	2,737.91		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,877.20	1/4	4,519.41	1/4	4,161.61	1/4	3,803.82	1/4	3,446.04	1/4	3,088.24	1/4	2,730.45		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,869.75	1/2	4,511.96	1/2	4,154.16	1/2	3,796.37	1/2	3,438.58	1/2	3,080.79	1/2	2,723.00		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,862.30	3/4	4,504.50	3/4	4,146.71	3/4	3,788.92	3/4	3,431.13	3/4	3,073.34	3/4	2,715.55		
3	3	3	3	3	3	3	4,854.84	3	4,497.05	3	4,139.25	3	3,781.46	3	3,423.67	3	3,065.88	3	2,708.09		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,847.39	1/4	4,489.59	1/4	4,131.80	1/4	3,774.01	1/4	3,416.22	1/4	3,058.43	1/4	2,700.64		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,839.93	1/2	4,482.14	1/2	4,124.35	1/2	3,766.56	1/2	3,408.76	1/2	3,050.97	1/2	2,693.18		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,832.48	3/4	4,474.68	3/4	4,116.89	3/4	3,759.10	3/4	3,401.31	3/4	3,043.52	3/4	2,685.73		
4	4	4	4	4	4	4	4,825.03	4	4,467.23	4	4,109.44	4	3,751.65	4	3,393.86	4	3,036.07	4	2,678.27		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,817.57	1/4	4,459.77	1/4	4,101.98	1/4	3,744.19	1/4	3,386.40	1/4	3,028.61	1/4	2,670.82		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,810.12	1/2	4,452.32	1/2	4,094.53	1/2	3,736.74	1/2	3,378.95	1/2	3,021.16	1/2	2,663.36		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,802.67	3/4	4,444.87	3/4	4,087.08	3/4	3,729.28	3/4	3,371.50	3/4	3,013.71	3/4	2,655.91		
5	5	5	5	5	5	5	4,795.21	5	4,437.41	5	4,079.62	5	3,721.83	5	3,364.04	5	3,006.25	5	2,648.46		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,787.76	1/4	4,429.96	1/4	4,072.17	1/4	3,714.37	1/4	3,356.59	1/4	2,998.80	1/4	2,641.00		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,056.12	1/2	4,780.30	1/2	4,422.51	1/2	4,064.72	1/2	3,706.92	1/2	3,349.13	1/2	2,991.34	1/2	2,633.55
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,055.28	3/4	4,772.85	3/4	4,415.05	3/4	4,057.26	3/4	3,699.47	3/4	3,341.68	3/4	2,983.89	3/4	2,626.10
6	6	6	6	6	6	6	5,054.43	6	4,765.39	6	4,407.60	6	4,049.81	6	3,692.01	6	3,334.23	6	2,976.43	6	2,618.64
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,053.59	1/4	4,757.94	1/4	4,400.14	1/4	4,042.35	1/4	3,684.56	1/4	3,326.77	1/4	2,968.98	1/4	2,611.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,052.74	1/2	4,750.48	1/2	4,392.69	1/2	4,034.90	1/2	3,677.11	1/2	3,319.32	1/2	2,961.52	1/2	2,603.73
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,050.71	3/4	4,743.03	3/4	4,385.24	3/4	4,027.44	3/4	3,669.65	3/4	3,311.87	3/4	2,954.07	3/4	2,596.28
7	7	7	7	7	7	7	5,048.68	7	4,735.58	7	4,377.78	7	4,019.99	7	3,662.20	7	3,304.41	7	2,946.62	7	2,588.83
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,046.64	1/4	4,728.12	1/4	4,370.33	1/4	4,012.53	1/4	3,654.74	1/4	3,296.96	1/4	2,939.16	1/4	2,581.37
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,044.61	1/2	4,720.67	1/2	4,362.88	1/2	4,005.08	1/2	3,647.29	1/2	3,289.50	1/2	2,931.71	1/2	2,573.92
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,041.22	3/4	4,713.22	3/4	4,355.42	3/4	3,997.63	3/4	3,639.84	3/4	3,282.05	3/4	2,924.26	3/4	2,566.47
8	8	8	8	8	8	8	5,037.84	8	4,705.76	8	4,347.97	8	3,990.17	8	3,632.38	8	3,274.59	8	2,916.80	8	2,559.01
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,034.45	1/4	4,698.31	1/4	4,340.51	1/4	3,982.72	1/4	3,624.93	1/4	3,267.14	1/4	2,909.35	1/4	2,551.56
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,031.06	1/2	4,690.85	1/2	4,333.06	1/2	3,975.27	1/2	3,617.48	1/2	3,259.68	1/2	2,901.89	1/2	2,544.10
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,026.32	3/4	4,683.40	3/4	4,325.60	3/4	3,967.81	3/4	3,610.03	3/4	3,252.23	3/4	2,894.44	3/4	2,536.65
9	9	9	9	9	9	9	5,021.57	9	4,675.95	9	4,318.15	9	3,960.36	9	3,602.57	9	3,244.78	9	2,886.99	9	2,529.19
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,016.83	1/4	4,668.49	1/4	4,310.69	1/4	3,952.90	1/4	3,595.12	1/4	3,237.32	1/4	2,879.53	1/4	2,521.74
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,012.08	1/2	4,661.04	1/2	4,303.24	1/2	3,945.45	1/2	3,587.66	1/2	3,229.87	1/2	2,872.08	1/2	2,514.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,005.98	3/4	4,653.58	3/4	4,295.79	3/4	3,938.25	3/4	3,580.21	3/4	3,222.42	3/4	2,864.63	3/4	2,506.83
10	10	10	10	10	10	10	4,999.88	10	4,646.13	10	4,288.33	10	3,931.04	10	3,572.75	10	3,214.96	10	2,857.17	10	2,499.38
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,993.77	1/4	4,638.67	1/4	4,280.88	1/4	3,923.84	1/4	3,565.30	1/4	3,207.51	1/4	2,849.72	1/4	2,491.92
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,987.67	1/2	4,631.22	1/2	4,273.43	1/2	3,916.64	1/2	3,557.84	1/2	3,200.05	1/2	2,842.26	1/2	2,484.47
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,980.55	3/4	4,623.76	3/4	4,265.97	3/4	3,908.93	3/4	3,550.39	3/4	3,192.60	3/4	2,834.81	3/4	2,477.02
11	11	11	11	11	11	11	4,973.44	11	4,616.31	11	4,258.52	11	3,901.23	11	3,542.94	11	3,185.15	11	2,827.35	11	2,469.56
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,966.32	1/4	4,608.86	1/4	4,251.06	1/4	3,893.52	1/4	3,535.48	1/4	3,177.69	1/4	2,819.90	1/4	2,462.11
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,959.20	1/2	4,601.40	1/2	4,243.61	1/2	3,885.82	1/2	3,528.03	1/2	3,170.24	1/2	2,812.44	1/2	2,454.65
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,951.75	3/4	4,593.95	3/4	4,236.16	3/4	3,878.36	3/4	3,520.58	3/4	3,162.79	3/4	2,804.99	3/4	2,447.20

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-06" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD

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



# BARGE "KIRBY 30088"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3019"

GAUGE HEIGHT 16-11 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,439.74	0	2,081.95	0	1,724.16	0	1,366.37	0	1,008.51	0	650.28	0	299.49	0		0		0	
1/4	2,432.29	1/4	2,074.50	1/4	1,716.71	1/4	1,358.91	1/4	1,001.04	1/4	642.81	1/4	292.55	1/4	1/4	1/4		1/4	1/4
1/2	2,424.83	1/2	2,067.04	1/2	1,709.25	1/2	1,351.46	1/2	993.58	1/2	635.35	1/2	285.61	1/2	1/2	1/2		1/2	1/2
3/4	2,417.38	3/4	2,059.59	3/4	1,701.80	3/4	1,344.01	3/4	986.12	3/4	627.89	3/4	278.67	3/4	3/4	3/4		3/4	3/4
1	2,409.93	1	2,052.14	1	1,694.34	1	1,336.55	1	978.65	1	620.43	1	271.74	1	1	1		1	1
1/4	2,402.47	1/4	2,044.68	1/4	1,686.89	1/4	1,329.10	1/4	971.19	1/4	612.96	1/4	264.80	1/4	1/4	1/4		1/4	1/4
1/2	2,395.02	1/2	2,037.23	1/2	1,679.43	1/2	1,321.64	1/2	963.72	1/2	605.50	1/2	257.86	1/2	1/2	1/2		1/2	1/2
3/4	2,387.57	3/4	2,029.78	3/4	1,671.98	3/4	1,314.19	3/4	956.26	3/4	598.04	3/4	251.03	3/4	3/4	3/4		3/4	3/4
2	2,380.11	2	2,022.32	2	1,664.53	2	1,306.74	2	948.80	2	590.58	2	244.19	2	2	2		2	2
1/4	2,372.66	1/4	2,014.87	1/4	1,657.07	1/4	1,299.28	1/4	941.33	1/4	583.11	1/4	237.36	1/4	1/4	1/4		1/4	1/4
1/2	2,365.20	1/2	2,007.41	1/2	1,649.62	1/2	1,291.83	1/2	933.87	1/2	575.65	1/2	230.52	1/2	1/2	1/2		1/2	1/2
3/4	2,357.75	3/4	1,999.96	3/4	1,642.17	3/4	1,284.38	3/4	926.41	3/4	568.19	3/4	223.79	3/4	3/4	3/4		3/4	3/4
3	2,350.30	3	1,992.50	3	1,634.71	3	1,276.92	3	918.95	3	560.73	3	217.06	3	3	3		3	3
1/4	2,342.84	1/4	1,985.05	1/4	1,627.26	1/4	1,269.47	1/4	911.48	1/4	553.26	1/4	210.33	1/4	1/4	1/4		1/4	1/4
1/2	2,335.39	1/2	1,977.59	1/2	1,619.80	1/2	1,262.01	1/2	904.02	1/2	545.80	1/2	203.60	1/2	1/2	1/2		1/2	1/2
3/4	2,327.94	3/4	1,970.14	3/4	1,612.35	3/4	1,254.56	3/4	896.56	3/4	538.34	3/4	196.87	3/4	3/4	3/4		3/4	3/4
4	2,320.48	4	1,962.69	4	1,604.90	4	1,247.10	4	889.10	4	530.87	4	190.14	4	4	4		4	4
1/4	2,313.03	1/4	1,955.23	1/4	1,597.44	1/4	1,239.65	1/4	881.63	1/4	523.41	1/4	183.40	1/4	1/4	1/4		1/4	1/4
1/2	2,305.57	1/2	1,947.78	1/2	1,589.99	1/2	1,232.19	1/2	874.17	1/2	515.94	1/2	176.67	1/2	1/2	1/2		1/2	1/2
3/4	2,298.12	3/4	1,940.33	3/4	1,582.54	3/4	1,224.74	3/4	866.71	3/4	508.54	3/4	170.04	3/4	3/4	3/4		3/4	3/4
5	2,290.66	5	1,932.87	5	1,575.08	5	1,217.29	5	859.25	5	501.14	5	163.41	5	5	5		5	5
1/4	2,283.21	1/4	1,925.42	1/4	1,567.63	1/4	1,209.83	1/4	851.78	1/4	493.74	1/4	156.78	1/4	1/4	1/4		1/4	1/4
1/2	2,275.75	1/2	1,917.96	1/2	1,560.17	1/2	1,202.38	1/2	844.32	1/2	486.34	1/2	150.15	1/2	1/2	1/2		1/2	1/2
3/4	2,268.30	3/4	1,910.51	3/4	1,552.72	3/4	1,194.93	3/4	836.86	3/4	479.00	3/4	143.62	3/4	3/4	3/4		3/4	3/4
6	2,260.85	6	1,903.06	6	1,545.26	6	1,187.47	6	829.39	6	471.65	6	137.10	6	6	6		6	6
1/4	2,253.39	1/4	1,895.60	1/4	1,537.81	1/4	1,180.02	1/4	821.93	1/4	464.31	1/4	130.57	1/4	1/4	1/4		1/4	1/4
1/2	2,245.94	1/2	1,888.15	1/2	1,530.35	1/2	1,172.56	1/2	814.46	1/2	456.96	1/2	124.04	1/2	1/2	1/2		1/2	1/2
3/4	2,238.49	3/4	1,880.70	3/4	1,522.90	3/4	1,165.11	3/4	807.00	3/4	449.62	3/4	117.51	3/4	3/4	3/4		3/4	3/4
7	2,231.03	7	1,873.24	7	1,515.45	7	1,157.66	7	799.54	7	442.28	7	110.99	7	7	7		7	7
1/4	2,223.58	1/4	1,865.79	1/4	1,507.99	1/4	1,150.20	1/4	792.07	1/4	434.93	1/4	104.46	1/4	1/4	1/4		1/4	1/4
1/2	2,216.12	1/2	1,858.33	1/2	1,500.54	1/2	1,142.75	1/2	784.61	1/2	427.59	1/2	97.93	1/2	1/2	1/2		1/2	1/2
3/4	2,208.67	3/4	1,850.88	3/4	1,493.09	3/4	1,135.30	3/4	777.15	3/4	420.35	3/4	91.51	3/4	3/4	3/4		3/4	3/4
8	2,201.22	8	1,843.42	8	1,485.63	8	1,127.84	8	769.69	8	413.11	8	85.08	8	8	8		8	8
1/4	2,193.76	1/4	1,835.97	1/4	1,478.18	1/4	1,120.39	1/4	762.22	1/4	405.86	1/4	78.66	1/4	1/4	1/4		1/4	1/4
1/2	2,186.31	1/2	1,828.51	1/2	1,470.72	1/2	1,112.93	1/2	754.76	1/2	398.62	1/2	72.23	1/2	1/2	1/2		1/2	1/2
3/4	2,178.86	3/4	1,821.06	3/4	1,463.27	3/4	1,105.48	3/4	747.30	3/4	391.48	3/4	66.58	3/4	3/4	3/4		3/4	3/4
9	2,171.40	9	1,813.61	9	1,455.82	9	1,098.02	9	739.84	9	384.35	9	60.93	9	9	9		9	9
1/4	2,163.95	1/4	1,806.15	1/4	1,448.36	1/4	1,090.57	1/4	732.37	1/4	377.21	1/4	55.27	1/4	1/4	1/4		1/4	1/4
1/2	2,156.49	1/2	1,798.70	1/2	1,440.91	1/2	1,083.11	1/2	724.91	1/2	370.07	1/2	49.62	1/2	1/2	1/2		1/2	1/2
3/4	2,149.04	3/4	1,791.25	3/4	1,433.46	3/4	1,075.65	3/4	717.45	3/4	362.93	3/4	44.91	3/4	3/4	3/4		3/4	3/4
10	2,141.58	10	1,783.79	10	1,426.00	10	1,068.20	10	709.99	10	355.79	10	40.19	10	10	10		10	10
1/4	2,134.13	1/4	1,776.34	1/4	1,418.55	1/4	1,060.74	1/4	702.52	1/4	348.65	1/4	35.48	1/4	1/4	1/4		1/4	1/4
1/2	2,126.67	1/2	1,768.88	1/2	1,411.09	1/2	1,053.28	1/2	695.06	1/2	341.51	1/2	30.76	1/2	1/2	1/2		1/2	1/2
3/4	2,119.22	3/4	1,761.43	3/4	1,403.64	3/4	1,045.82	3/4	687.60	3/4	334.47	3/4	27.22	3/4	3/4	3/4		3/4	3/4
11	2,111.77	11	1,753.98	11	1,396.18	11	1,038.36	11	680.13	11	327.44	11	<del>23.68</del>	11	11	11		11	11
1/4	2,104.31	1/4	1,746.52	1/4	1,388.73	1/4	1,030.89	1/4	672.67	1/4	320.40	1/4	20.13	1/4	1/4	1/4		1/4	1/4
1/2	2,096.86	1/2	1,739.07	1/2	1,381.27	1/2	1,023.43	1/2	665.20	1/2	313.36	1/2	16.59	1/2	1/2	1/2		1/2	1/2
3/4	2,089.41	3/4	1,731.62	3/4	1,373.82	3/4	1,015.97	3/4	657.74	3/4	306.42	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/07/2008 INSP  
NAME CHANGE 10/04/2018  
VERIFIED: 09/21/2023

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2023

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



# BARGE "KIRBY 30088"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3019"

GAUGE HEIGHT 16-11 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	5,000.69	0	4,641.99	0	4,283.28	0	3,924.58	0	3,565.87	0	3,207.17	0	2,848.47
1/4		1/4		1/4		1/4	4,993.21	1/4	4,634.51	1/4	4,275.80	1/4	3,917.10	1/4	3,558.40	1/4	3,199.69	1/4	2,840.99
1/2		1/2		1/2		1/2	4,985.74	1/2	4,627.04	1/2	4,268.33	1/2	3,909.63	1/2	3,550.92	1/2	3,192.22	1/2	2,833.52
3/4		3/4		3/4		3/4	4,978.27	3/4	4,619.57	3/4	4,260.86	3/4	3,902.16	3/4	3,543.45	3/4	3,184.75	3/4	2,826.05
1		1		1		1	4,970.80	1	4,612.09	1	4,253.39	1	3,894.69	1	3,535.98	1	3,177.28	1	2,818.57
1/4		1/4		1/4		1/4	4,963.32	1/4	4,604.62	1/4	4,245.91	1/4	3,887.21	1/4	3,528.50	1/4	3,169.80	1/4	2,811.10
1/2		1/2		1/2		1/2	4,955.85	1/2	4,597.14	1/2	4,238.44	1/2	3,879.74	1/2	3,521.03	1/2	3,162.33	1/2	2,803.62
3/4		3/4		3/4		3/4	4,948.38	3/4	4,589.67	3/4	4,230.97	3/4	3,872.27	3/4	3,513.56	3/4	3,154.86	3/4	2,796.15
2		2		2		2	4,940.91	2	4,582.20	2	4,223.50	2	3,864.79	2	3,506.09	2	3,147.39	2	2,788.68
1/4		1/4		1/4		1/4	4,933.43	1/4	4,574.72	1/4	4,216.02	1/4	3,857.32	1/4	3,498.61	1/4	3,139.91	1/4	2,781.20
1/2		1/2		1/2		1/2	4,925.96	1/2	4,567.25	1/2	4,208.55	1/2	3,849.84	1/2	3,491.14	1/2	3,132.44	1/2	2,773.73
3/4		3/4		3/4		3/4	4,918.49	3/4	4,559.78	3/4	4,201.08	3/4	3,842.37	3/4	3,483.67	3/4	3,124.97	3/4	2,766.26
3		3		3		3	4,911.01	3	4,552.31	3	4,193.61	3	3,834.90	3	3,476.20	3	3,117.49	3	2,758.79
1/4		1/4		1/4		1/4	4,903.54	1/4	4,544.83	1/4	4,186.13	1/4	3,827.42	1/4	3,468.72	1/4	3,110.02	1/4	2,751.31
1/2		1/2		1/2		1/2	4,896.06	1/2	4,537.36	1/2	4,178.66	1/2	3,819.95	1/2	3,461.25	1/2	3,102.54	1/2	2,743.84
3/4		3/4		3/4		3/4	4,888.59	3/4	4,529.89	3/4	4,171.19	3/4	3,812.48	3/4	3,453.78	3/4	3,095.07	3/4	2,736.37
4		4		4		4	4,881.12	4	4,522.42	4	4,163.71	4	3,805.01	4	3,446.31	4	3,087.60	4	2,728.90
1/4		1/4		1/4		1/4	4,873.64	1/4	4,514.94	1/4	4,156.24	1/4	3,797.53	1/4	3,438.83	1/4	3,080.12	1/4	2,721.42
1/2		1/2		1/2		1/2	4,866.17	1/2	4,507.47	1/2	4,148.76	1/2	3,790.06	1/2	3,431.36	1/2	3,072.65	1/2	2,713.95
3/4		3/4		3/4		3/4	4,858.70	3/4	4,500.00	3/4	4,141.29	3/4	3,782.59	3/4	3,423.89	3/4	3,065.18	3/4	2,706.48
5		5		5		5	4,851.23	5	4,492.53	5	4,133.82	5	3,775.12	5	3,416.41	5	3,057.71	5	2,699.01
1/4		1/4		1/4		1/4	4,843.75	1/4	4,485.05	1/4	4,126.34	1/4	3,767.64	1/4	3,408.94	1/4	3,050.23	1/4	2,691.53
1/2		1/2		1/2	5,112.86	1/2	4,836.28	1/2	4,477.58	1/2	4,118.87	1/2	3,760.17	1/2	3,401.46	1/2	3,042.76	1/2	2,684.06
3/4		3/4		3/4	5,112.02	3/4	4,828.81	3/4	4,470.11	3/4	4,111.40	3/4	3,752.70	3/4	3,394.01	3/4	3,035.29	3/4	2,676.59
6		6		6	5,111.18	6	4,821.34	6	4,462.63	6	4,103.93	6	3,745.23	6	3,386.57	6	3,027.82	6	2,669.11
1/4		1/4		1/4	5,110.33	1/4	4,813.86	1/4	4,455.16	1/4	4,096.45	1/4	3,737.75	1/4	3,379.12	1/4	3,020.34	1/4	2,661.64
1/2		1/2		1/2	5,109.49	1/2	4,806.39	1/2	4,447.68	1/2	4,088.98	1/2	3,730.28	1/2	3,371.67	1/2	3,012.87	1/2	2,654.16
3/4		3/4		3/4	5,107.45	3/4	4,798.92	3/4	4,440.21	3/4	4,081.51	3/4	3,722.81	3/4	3,364.17	3/4	3,005.40	3/4	2,646.69
7		7		7	5,105.42	7	4,791.45	7	4,432.74	7	4,074.04	7	3,715.33	7	3,356.68	7	2,997.93	7	2,639.22
1/4		1/4		1/4	5,103.38	1/4	4,783.97	1/4	4,425.26	1/4	4,066.56	1/4	3,707.86	1/4	3,349.18	1/4	2,990.45	1/4	2,631.74
1/2		1/2		1/2	5,101.34	1/2	4,776.50	1/2	4,417.79	1/2	4,059.09	1/2	3,700.38	1/2	3,341.68	1/2	2,982.98	1/2	2,624.27
3/4		3/4		3/4	5,097.94	3/4	4,769.03	3/4	4,410.32	3/4	4,051.62	3/4	3,692.91	3/4	3,334.21	3/4	2,975.51	3/4	2,616.80
8		8		8	5,094.55	8	4,761.55	8	4,402.85	8	4,044.15	8	3,685.44	8	3,326.74	8	2,968.03	8	2,609.33
1/4		1/4		1/4	5,091.15	1/4	4,754.08	1/4	4,395.37	1/4	4,036.67	1/4	3,677.96	1/4	3,319.26	1/4	2,960.56	1/4	2,601.85
1/2		1/2		1/2	5,087.75	1/2	4,746.60	1/2	4,387.90	1/2	4,029.20	1/2	3,670.49	1/2	3,311.79	1/2	2,953.08	1/2	2,594.38
3/4		3/4		3/4	5,082.99	3/4	4,739.13	3/4	4,380.43	3/4	4,021.73	3/4	3,663.02	3/4	3,304.32	3/4	2,945.61	3/4	2,586.91
9		9		9	5,078.23	9	4,731.66	9	4,372.96	9	4,014.25	9	3,655.55	9	3,296.85	9	2,938.14	9	2,579.44
1/4		1/4		1/4	5,073.46	1/4	4,724.18	1/4	4,365.48	1/4	4,006.78	1/4	3,648.07	1/4	3,289.37	1/4	2,930.66	1/4	2,571.96
1/2		1/2		1/2	5,068.70	1/2	4,716.71	1/2	4,358.01	1/2	3,999.30	1/2	3,640.60	1/2	3,281.90	1/2	2,923.19	1/2	2,564.49
3/4		3/4		3/4	5,062.57	3/4	4,709.24	3/4	4,350.54	3/4	3,991.83	3/4	3,633.13	3/4	3,274.43	3/4	2,915.72	3/4	2,557.02
10		10		10	5,056.45	10	4,701.77	10	4,343.07	10	3,984.36	10	3,625.66	10	3,266.95	10	2,908.25	10	2,549.55
1/4		1/4		1/4	5,050.32	1/4	4,694.29	1/4	4,335.59	1/4	3,976.88	1/4	3,618.18	1/4	3,259.48	1/4	2,900.77	1/4	2,542.07
1/2		1/2		1/2	5,044.19	1/2	4,686.82	1/2	4,328.12	1/2	3,969.41	1/2	3,610.71	1/2	3,252.00	1/2	2,893.30	1/2	2,534.60
3/4		3/4		3/4	5,037.05	3/4	4,679.35	3/4	4,320.65	3/4	3,961.94	3/4	3,603.24	3/4	3,244.53	3/4	2,885.83	3/4	2,527.13
11		11		11	5,029.91	11	4,671.88	11	4,313.17	11	3,954.47	11	3,595.77	11	3,237.06	11	2,878.36	11	2,519.65
1/4		1/4		1/4	5,022.77	1/4	4,664.40	1/4	4,305.70	1/4	3,946.99	1/4	3,588.29	1/4	3,229.58	1/4	2,870.88	1/4	2,512.18
1/2		1/2		1/2	5,015.63	1/2	4,656.93	1/2	4,298.22	1/2	3,939.52	1/2	3,580.82	1/2	3,222.11	1/2	2,863.41	1/2	2,504.70
3/4		3/4		3/4	5,008.16	3/4	4,649.46	3/4	4,290.75	3/4	3,932.05	3/4	3,573.35	3/4	3,214.64	3/4	2,855.94	3/4	2,497.23

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-06" OFF CENTERLINE AND 41'-03" FORWARD OF AFT BULKHEAD

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



# BARGE "KIRBY 30088"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3019"

GAUGE HEIGHT 16-11 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,489.76	0	2,131.06	0	1,772.35	0	1,413.65	0	1,055.25	0	696.87	0	337.35	0		0		0	
1/4	2,482.28	1/4	2,123.58	1/4	1,764.88	1/4	1,406.17	1/4	1,047.79	1/4	689.38	1/4	329.86	1/4	1/4		1/4		1/4
1/2	2,474.81	1/2	2,116.11	1/2	1,757.40	1/2	1,398.70	1/2	1,040.33	1/2	681.89	1/2	322.37	1/2	1/2		1/2		1/2
3/4	2,467.34	3/4	2,108.64	3/4	1,749.93	3/4	1,391.23	3/4	1,032.87	3/4	674.40	3/4	314.88	3/4	3/4		3/4		3/4
1	2,459.87	1	2,101.17	1	1,742.46	1	1,383.76	1	1,025.41	1	666.91	1	307.39	1	1		1		1
1/4	2,452.39	1/4	2,093.69	1/4	1,734.98	1/4	1,376.28	1/4	1,017.95	1/4	659.42	1/4	299.90	1/4	1/4		1/4		1/4
1/2	2,444.92	1/2	2,086.22	1/2	1,727.51	1/2	1,368.81	1/2	1,010.49	1/2	651.93	1/2	292.41	1/2	1/2		1/2		1/2
3/4	2,437.45	3/4	2,078.75	3/4	1,720.04	3/4	1,361.34	3/4	1,003.03	3/4	644.44	3/4	284.92	3/4	3/4		3/4		3/4
2	2,429.98	2	2,071.27	2	1,712.57	2	1,353.87	2	995.58	2	636.95	2	277.43	2	2		2		2
1/4	2,422.50	1/4	2,063.80	1/4	1,705.09	1/4	1,346.39	1/4	988.12	1/4	629.46	1/4	269.94	1/4	1/4		1/4		1/4
1/2	2,415.03	1/2	2,056.32	1/2	1,697.62	1/2	1,338.92	1/2	980.66	1/2	621.97	1/2	262.45	1/2	1/2		1/2		1/2
3/4	2,407.56	3/4	2,048.85	3/4	1,690.15	3/4	1,331.45	3/4	973.20	3/4	614.48	3/4	254.96	3/4	3/4		3/4		3/4
3	2,400.09	3	2,041.38	3	1,682.68	3	1,323.97	3	965.75	3	606.99	3	247.47	3	3		3		3
1/4	2,392.61	1/4	2,033.90	1/4	1,675.20	1/4	1,316.50	1/4	958.29	1/4	599.50	1/4	239.98	1/4	1/4		1/4		1/4
1/2	2,385.14	1/2	2,026.43	1/2	1,667.73	1/2	1,309.02	1/2	950.83	1/2	592.01	1/2	232.49	1/2	1/2		1/2		1/2
3/4	2,377.67	3/4	2,018.96	3/4	1,660.26	3/4	1,301.55	3/4	943.37	3/4	584.52	3/4	225.00	3/4	3/4		3/4		3/4
4	2,370.19	4	2,011.49	4	1,652.79	4	1,294.08	4	935.92	4	577.03	4	217.51	4	4		4		4
1/4	2,362.72	1/4	2,004.01	1/4	1,645.31	1/4	1,286.60	1/4	928.46	1/4	569.54	1/4	210.02	1/4	1/4		1/4		1/4
1/2	2,355.24	1/2	1,996.54	1/2	1,637.84	1/2	1,279.13	1/2	921.00	1/2	562.05	1/2	202.53	1/2	1/2		1/2		1/2
3/4	2,347.77	3/4	1,989.07	3/4	1,630.37	3/4	1,271.66	3/4	913.54	3/4	554.56	3/4	195.04	3/4	3/4		3/4		3/4
5	2,340.30	5	1,981.60	5	1,622.89	5	1,264.19	5	906.09	5	547.07	5	187.55	5	5		5		5
1/4	2,332.82	1/4	1,974.12	1/4	1,615.42	1/4	1,256.71	1/4	898.63	1/4	539.58	1/4	180.06	1/4	1/4		1/4		1/4
1/2	2,325.35	1/2	1,966.65	1/2	1,607.94	1/2	1,249.24	1/2	891.17	1/2	532.09	1/2	172.57	1/2	1/2		1/2		1/2
3/4	2,317.88	3/4	1,959.18	3/4	1,600.47	3/4	1,241.77	3/4	883.71	3/4	524.60	3/4	165.09	3/4	3/4		3/4		3/4
6	2,310.41	6	1,951.71	6	1,593.00	6	1,234.30	6	876.25	6	517.11	6	157.61	6	6		6		6
1/4	2,302.93	1/4	1,944.23	1/4	1,585.52	1/4	1,226.82	1/4	868.79	1/4	509.62	1/4	150.13	1/4	1/4		1/4		1/4
1/2	2,295.46	1/2	1,936.76	1/2	1,578.05	1/2	1,219.35	1/2	861.33	1/2	502.13	1/2	142.65	1/2	1/2		1/2		1/2
3/4	2,287.99	3/4	1,929.29	3/4	1,570.58	3/4	1,211.89	3/4	853.87	3/4	494.64	3/4	135.15	3/4	3/4		3/4		3/4
7	2,280.52	7	1,921.81	7	1,563.11	7	1,204.42	7	846.42	7	487.15	7	127.65	7	7		7		7
1/4	2,273.04	1/4	1,914.34	1/4	1,555.63	1/4	1,196.96	1/4	838.96	1/4	479.66	1/4	120.15	1/4	1/4		1/4		1/4
1/2	2,265.57	1/2	1,906.86	1/2	1,548.16	1/2	1,189.49	1/2	831.50	1/2	472.17	1/2	112.65	1/2	1/2		1/2		1/2
3/4	2,258.10	3/4	1,899.39	3/4	1,540.69	3/4	1,182.03	3/4	824.04	3/4	464.68	3/4	105.16	3/4	3/4		3/4		3/4
8	2,250.63	8	1,891.92	8	1,533.22	8	1,174.57	8	816.59	8	457.19	8	97.67	8	8		8		8
1/4	2,243.15	1/4	1,884.44	1/4	1,525.74	1/4	1,167.11	1/4	809.13	1/4	449.70	1/4	90.18	1/4	1/4		1/4		1/4
1/2	2,235.68	1/2	1,876.97	1/2	1,518.27	1/2	1,159.65	1/2	801.67	1/2	442.21	1/2	82.69	1/2	1/2		1/2		1/2
3/4	2,228.21	3/4	1,869.50	3/4	1,510.80	3/4	1,152.19	3/4	794.20	3/4	434.72	3/4	76.05	3/4	3/4		3/4		3/4
9	2,220.73	9	1,862.03	9	1,503.33	9	1,144.74	9	786.72	9	427.23	9	69.42	9	9		9		9
1/4	2,213.26	1/4	1,854.55	1/4	1,495.85	1/4	1,137.28	1/4	779.25	1/4	419.74	1/4	62.78	1/4	1/4		1/4		1/4
1/2	2,205.78	1/2	1,847.08	1/2	1,488.38	1/2	1,129.82	1/2	771.77	1/2	412.25	1/2	56.14	1/2	1/2		1/2		1/2
3/4	2,198.31	3/4	1,839.61	3/4	1,480.91	3/4	1,122.36	3/4	764.28	3/4	404.76	3/4	50.70	3/4	3/4		3/4		3/4
10	2,190.84	10	1,832.14	10	1,473.43	10	1,114.91	10	756.79	10	397.27	10	45.26	10	10		10		10
1/4	2,183.36	1/4	1,824.66	1/4	1,465.96	1/4	1,107.45	1/4	749.30	1/4	389.78	1/4	39.81	1/4	1/4		1/4		1/4
1/2	2,175.89	1/2	1,817.19	1/2	1,458.48	1/2	1,099.99	1/2	741.81	1/2	382.29	1/2	34.37	1/2	1/2		1/2		1/2
3/4	2,168.42	3/4	1,809.72	3/4	1,451.01	3/4	1,092.53	3/4	734.32	3/4	374.80	3/4	30.29	3/4	3/4		3/4		3/4
11	2,160.95	11	1,802.25	11	1,443.54	11	1,085.08	11	726.83	11	367.31	11	26.21	11	11		11		11
1/4	2,153.47	1/4	1,794.77	1/4	1,436.06	1/4	1,077.62	1/4	719.34	1/4	359.82	1/4	22.13	1/4	1/4		1/4		1/4
1/2	2,146.00	1/2	1,787.30	1/2	1,428.59	1/2	1,070.16	1/2	711.85	1/2	352.33	1/2	18.05	1/2	1/2		1/2		1/2
3/4	2,138.53	3/4	1,779.83	3/4	1,421.12	3/4	1,062.70	3/4	704.36	3/4	344.84	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/07/2008 INSP  
NAME CHANGE 10/04/2018  
VERIFIED: 09/21/2023

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2023

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



# BARGE "KIRBY 30088"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3019"

GAUGE HEIGHT 16-11 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	5,000.69	0	4,641.99	0	4,283.28	0	3,924.58	0	3,565.87	0	3,207.17	0	2,848.47
1/4		1/4		1/4		1/4	4,993.21	1/4	4,634.51	1/4	4,275.80	1/4	3,917.10	1/4	3,558.40	1/4	3,199.69	1/4	2,840.99
1/2		1/2		1/2		1/2	4,985.74	1/2	4,627.04	1/2	4,268.33	1/2	3,909.63	1/2	3,550.92	1/2	3,192.22	1/2	2,833.52
3/4		3/4		3/4		3/4	4,978.27	3/4	4,619.57	3/4	4,260.86	3/4	3,902.16	3/4	3,543.45	3/4	3,184.75	3/4	2,826.05
1		1		1		1	4,970.80	1	4,612.09	1	4,253.39	1	3,894.69	1	3,535.98	1	3,177.28	1	2,818.57
1/4		1/4		1/4		1/4	4,963.32	1/4	4,604.62	1/4	4,245.91	1/4	3,887.21	1/4	3,528.50	1/4	3,169.80	1/4	2,811.10
1/2		1/2		1/2		1/2	4,955.85	1/2	4,597.14	1/2	4,238.44	1/2	3,879.74	1/2	3,521.03	1/2	3,162.33	1/2	2,803.62
3/4		3/4		3/4		3/4	4,948.38	3/4	4,589.67	3/4	4,230.97	3/4	3,872.27	3/4	3,513.56	3/4	3,154.86	3/4	2,796.15
2		2		2		2	4,940.91	2	4,582.20	2	4,223.50	2	3,864.79	2	3,506.09	2	3,147.39	2	2,788.68
1/4		1/4		1/4		1/4	4,933.43	1/4	4,574.72	1/4	4,216.02	1/4	3,857.32	1/4	3,498.61	1/4	3,139.91	1/4	2,781.20
1/2		1/2		1/2		1/2	4,925.96	1/2	4,567.25	1/2	4,208.55	1/2	3,849.84	1/2	3,491.14	1/2	3,132.44	1/2	2,773.73
3/4		3/4		3/4		3/4	4,918.49	3/4	4,559.78	3/4	4,201.08	3/4	3,842.37	3/4	3,483.67	3/4	3,124.97	3/4	2,766.26
3		3		3		3	4,911.01	3	4,552.31	3	4,193.61	3	3,834.90	3	3,476.20	3	3,117.49	3	2,758.79
1/4		1/4		1/4		1/4	4,903.54	1/4	4,544.83	1/4	4,186.13	1/4	3,827.42	1/4	3,468.72	1/4	3,110.02	1/4	2,751.31
1/2		1/2		1/2		1/2	4,896.06	1/2	4,537.36	1/2	4,178.66	1/2	3,819.95	1/2	3,461.25	1/2	3,102.54	1/2	2,743.84
3/4		3/4		3/4		3/4	4,888.59	3/4	4,529.89	3/4	4,171.19	3/4	3,812.48	3/4	3,453.78	3/4	3,095.07	3/4	2,736.37
4		4		4		4	4,881.12	4	4,522.42	4	4,163.71	4	3,805.01	4	3,446.31	4	3,087.60	4	2,728.90
1/4		1/4		1/4		1/4	4,873.64	1/4	4,514.94	1/4	4,156.24	1/4	3,797.53	1/4	3,438.83	1/4	3,080.12	1/4	2,721.42
1/2		1/2		1/2		1/2	4,866.17	1/2	4,507.47	1/2	4,148.76	1/2	3,790.06	1/2	3,431.36	1/2	3,072.65	1/2	2,713.95
3/4		3/4		3/4		3/4	4,858.70	3/4	4,500.00	3/4	4,141.29	3/4	3,782.59	3/4	3,423.89	3/4	3,065.18	3/4	2,706.48
5		5		5		5	4,851.23	5	4,492.53	5	4,133.82	5	3,775.12	5	3,416.41	5	3,057.71	5	2,699.01
1/4		1/4		1/4		1/4	4,843.75	1/4	4,485.05	1/4	4,126.34	1/4	3,767.64	1/4	3,408.94	1/4	3,050.23	1/4	2,691.53
1/2		1/2		1/2	5,112.86	1/2	4,836.28	1/2	4,477.58	1/2	4,118.87	1/2	3,760.17	1/2	3,401.46	1/2	3,042.76	1/2	2,684.06
3/4		3/4		3/4	5,112.02	3/4	4,828.81	3/4	4,470.11	3/4	4,111.40	3/4	3,752.70	3/4	3,394.01	3/4	3,035.29	3/4	2,676.59
6		6		6	5,111.18	6	4,821.34	6	4,462.63	6	4,103.93	6	3,745.23	6	3,386.57	6	3,027.82	6	2,669.11
1/4		1/4		1/4	5,110.33	1/4	4,813.86	1/4	4,455.16	1/4	4,096.45	1/4	3,737.75	1/4	3,379.12	1/4	3,020.34	1/4	2,661.64
1/2		1/2		1/2	5,109.49	1/2	4,806.39	1/2	4,447.68	1/2	4,088.98	1/2	3,730.28	1/2	3,371.67	1/2	3,012.87	1/2	2,654.16
3/4		3/4		3/4	5,107.45	3/4	4,798.92	3/4	4,440.21	3/4	4,081.51	3/4	3,722.81	3/4	3,364.17	3/4	3,005.40	3/4	2,646.69
7		7		7	5,105.42	7	4,791.45	7	4,432.74	7	4,074.04	7	3,715.33	7	3,356.68	7	2,997.93	7	2,639.22
1/4		1/4		1/4	5,103.38	1/4	4,783.97	1/4	4,425.26	1/4	4,066.56	1/4	3,707.86	1/4	3,349.18	1/4	2,990.45	1/4	2,631.74
1/2		1/2		1/2	5,101.34	1/2	4,776.50	1/2	4,417.79	1/2	4,059.09	1/2	3,700.38	1/2	3,341.68	1/2	2,982.98	1/2	2,624.27
3/4		3/4		3/4	5,097.94	3/4	4,769.03	3/4	4,410.32	3/4	4,051.62	3/4	3,692.91	3/4	3,334.21	3/4	2,975.51	3/4	2,616.80
8		8		8	5,094.55	8	4,761.55	8	4,402.85	8	4,044.15	8	3,685.44	8	3,326.74	8	2,968.03	8	2,609.33
1/4		1/4		1/4	5,091.15	1/4	4,754.08	1/4	4,395.37	1/4	4,036.67	1/4	3,677.96	1/4	3,319.26	1/4	2,960.56	1/4	2,601.85
1/2		1/2		1/2	5,087.75	1/2	4,746.60	1/2	4,387.90	1/2	4,029.20	1/2	3,670.49	1/2	3,311.79	1/2	2,953.08	1/2	2,594.38
3/4		3/4		3/4	5,082.99	3/4	4,739.13	3/4	4,380.43	3/4	4,021.73	3/4	3,663.02	3/4	3,304.32	3/4	2,945.61	3/4	2,586.91
9		9		9	5,078.23	9	4,731.66	9	4,372.96	9	4,014.25	9	3,655.55	9	3,296.85	9	2,938.14	9	2,579.44
1/4		1/4		1/4	5,073.46	1/4	4,724.18	1/4	4,365.48	1/4	4,006.78	1/4	3,648.07	1/4	3,289.37	1/4	2,930.66	1/4	2,571.96
1/2		1/2		1/2	5,068.70	1/2	4,716.71	1/2	4,358.01	1/2	3,999.30	1/2	3,640.60	1/2	3,281.90	1/2	2,923.19	1/2	2,564.49
3/4		3/4		3/4	5,062.57	3/4	4,709.24	3/4	4,350.54	3/4	3,991.83	3/4	3,633.13	3/4	3,274.43	3/4	2,915.72	3/4	2,557.02
10		10		10	5,056.45	10	4,701.77	10	4,343.07	10	3,984.36	10	3,625.66	10	3,266.95	10	2,908.25	10	2,549.55
1/4		1/4		1/4	5,050.32	1/4	4,694.29	1/4	4,335.59	1/4	3,976.88	1/4	3,618.18	1/4	3,259.48	1/4	2,900.77	1/4	2,542.07
1/2		1/2		1/2	5,044.19	1/2	4,686.82	1/2	4,328.12	1/2	3,969.41	1/2	3,610.71	1/2	3,252.00	1/2	2,893.30	1/2	2,534.60
3/4		3/4		3/4	5,037.05	3/4	4,679.35	3/4	4,320.65	3/4	3,961.94	3/4	3,603.24	3/4	3,244.53	3/4	2,885.83	3/4	2,527.13
11		11		11	5,029.91	11	4,671.88	11	4,313.17	11	3,954.47	11	3,595.77	11	3,237.06	11	2,878.36	11	2,519.65
1/4		1/4		1/4	5,022.77	1/4	4,664.40	1/4	4,305.70	1/4	3,946.99	1/4	3,588.29	1/4	3,229.58	1/4	2,870.88	1/4	2,512.18
1/2		1/2		1/2	5,015.63	1/2	4,656.93	1/2	4,298.22	1/2	3,939.52	1/2	3,580.82	1/2	3,222.11	1/2	2,863.41	1/2	2,504.70
3/4		3/4		3/4	5,008.16	3/4	4,649.46	3/4	4,290.75	3/4	3,932.05	3/4	3,573.35	3/4	3,214.64	3/4	2,855.94	3/4	2,497.23

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-06" OFF CENTERLINE AND 41'-03" FORWARD OF AFT BULKHEAD

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





# BARGE "KIRBY 30088"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3019"

GAUGE HEIGHT 16-11 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,489.76	0	2,131.06	0	1,772.35	0	1,413.65	0	1,055.25	0	696.87	0	337.35	0		0		0	
1/4	2,482.28	1/4	2,123.58	1/4	1,764.88	1/4	1,406.17	1/4	1,047.79	1/4	689.38	1/4	329.86	1/4	1/4	1/4		1/4	1/4
1/2	2,474.81	1/2	2,116.11	1/2	1,757.40	1/2	1,398.70	1/2	1,040.33	1/2	681.89	1/2	322.37	1/2	1/2	1/2		1/2	1/2
3/4	2,467.34	3/4	2,108.64	3/4	1,749.93	3/4	1,391.23	3/4	1,032.87	3/4	674.40	3/4	314.88	3/4	3/4	3/4		3/4	3/4
1	2,459.87	1	2,101.17	1	1,742.46	1	1,383.76	1	1,025.41	1	666.91	1	307.39	1	1	1		1	1
1/4	2,452.39	1/4	2,093.69	1/4	1,734.98	1/4	1,376.28	1/4	1,017.95	1/4	659.42	1/4	299.90	1/4	1/4	1/4		1/4	1/4
1/2	2,444.92	1/2	2,086.22	1/2	1,727.51	1/2	1,368.81	1/2	1,010.49	1/2	651.93	1/2	292.41	1/2	1/2	1/2		1/2	1/2
3/4	2,437.45	3/4	2,078.75	3/4	1,720.04	3/4	1,361.34	3/4	1,003.03	3/4	644.44	3/4	284.92	3/4	3/4	3/4		3/4	3/4
2	2,429.98	2	2,071.27	2	1,712.57	2	1,353.87	2	995.58	2	636.95	2	277.43	2	2	2		2	2
1/4	2,422.50	1/4	2,063.80	1/4	1,705.09	1/4	1,346.39	1/4	988.12	1/4	629.46	1/4	269.94	1/4	1/4	1/4		1/4	1/4
1/2	2,415.03	1/2	2,056.32	1/2	1,697.62	1/2	1,338.92	1/2	980.66	1/2	621.97	1/2	262.45	1/2	1/2	1/2		1/2	1/2
3/4	2,407.56	3/4	2,048.85	3/4	1,690.15	3/4	1,331.45	3/4	973.20	3/4	614.48	3/4	254.96	3/4	3/4	3/4		3/4	3/4
3	2,400.09	3	2,041.38	3	1,682.68	3	1,323.97	3	965.75	3	606.99	3	247.47	3	3	3		3	3
1/4	2,392.61	1/4	2,033.90	1/4	1,675.20	1/4	1,316.50	1/4	958.29	1/4	599.50	1/4	239.98	1/4	1/4	1/4		1/4	1/4
1/2	2,385.14	1/2	2,026.43	1/2	1,667.73	1/2	1,309.02	1/2	950.83	1/2	592.01	1/2	232.49	1/2	1/2	1/2		1/2	1/2
3/4	2,377.67	3/4	2,018.96	3/4	1,660.26	3/4	1,301.55	3/4	943.37	3/4	584.52	3/4	225.00	3/4	3/4	3/4		3/4	3/4
4	2,370.19	4	2,011.49	4	1,652.79	4	1,294.08	4	935.92	4	577.03	4	217.51	4	4	4		4	4
1/4	2,362.72	1/4	2,004.01	1/4	1,645.31	1/4	1,286.60	1/4	928.46	1/4	569.54	1/4	210.02	1/4	1/4	1/4		1/4	1/4
1/2	2,355.24	1/2	1,996.54	1/2	1,637.84	1/2	1,279.13	1/2	921.00	1/2	562.05	1/2	202.53	1/2	1/2	1/2		1/2	1/2
3/4	2,347.77	3/4	1,989.07	3/4	1,630.37	3/4	1,271.66	3/4	913.54	3/4	554.56	3/4	195.04	3/4	3/4	3/4		3/4	3/4
5	2,340.30	5	1,981.60	5	1,622.89	5	1,264.19	5	906.09	5	547.07	5	187.55	5	5	5		5	5
1/4	2,332.82	1/4	1,974.12	1/4	1,615.42	1/4	1,256.71	1/4	898.63	1/4	539.58	1/4	180.06	1/4	1/4	1/4		1/4	1/4
1/2	2,325.35	1/2	1,966.65	1/2	1,607.94	1/2	1,249.24	1/2	891.17	1/2	532.09	1/2	172.57	1/2	1/2	1/2		1/2	1/2
3/4	2,317.88	3/4	1,959.18	3/4	1,600.47	3/4	1,241.77	3/4	883.71	3/4	524.60	3/4	165.09	3/4	3/4	3/4		3/4	3/4
6	2,310.41	6	1,951.71	6	1,593.00	6	1,234.30	6	876.25	6	517.11	6	157.61	6	6	6		6	6
1/4	2,302.93	1/4	1,944.23	1/4	1,585.52	1/4	1,226.82	1/4	868.79	1/4	509.62	1/4	150.13	1/4	1/4	1/4		1/4	1/4
1/2	2,295.46	1/2	1,936.76	1/2	1,578.05	1/2	1,219.35	1/2	861.33	1/2	502.13	1/2	142.65	1/2	1/2	1/2		1/2	1/2
3/4	2,287.99	3/4	1,929.29	3/4	1,570.58	3/4	1,211.89	3/4	853.87	3/4	494.64	3/4	135.15	3/4	3/4	3/4		3/4	3/4
7	2,280.52	7	1,921.81	7	1,563.11	7	1,204.42	7	846.42	7	487.15	7	127.65	7	7	7		7	7
1/4	2,273.04	1/4	1,914.34	1/4	1,555.63	1/4	1,196.96	1/4	838.96	1/4	479.66	1/4	120.15	1/4	1/4	1/4		1/4	1/4
1/2	2,265.57	1/2	1,906.86	1/2	1,548.16	1/2	1,189.49	1/2	831.50	1/2	472.17	1/2	112.65	1/2	1/2	1/2		1/2	1/2
3/4	2,258.10	3/4	1,899.39	3/4	1,540.69	3/4	1,182.03	3/4	824.04	3/4	464.68	3/4	105.16	3/4	3/4	3/4		3/4	3/4
8	2,250.63	8	1,891.92	8	1,533.22	8	1,174.57	8	816.59	8	457.19	8	97.67	8	8	8		8	8
1/4	2,243.15	1/4	1,884.44	1/4	1,525.74	1/4	1,167.11	1/4	809.13	1/4	449.70	1/4	90.18	1/4	1/4	1/4		1/4	1/4
1/2	2,235.68	1/2	1,876.97	1/2	1,518.27	1/2	1,159.65	1/2	801.67	1/2	442.21	1/2	82.69	1/2	1/2	1/2		1/2	1/2
3/4	2,228.21	3/4	1,869.50	3/4	1,510.80	3/4	1,152.19	3/4	794.20	3/4	434.72	3/4	76.05	3/4	3/4	3/4		3/4	3/4
9	2,220.73	9	1,862.03	9	1,503.33	9	1,144.74	9	786.72	9	427.23	9	69.42	9	9	9		9	9
1/4	2,213.26	1/4	1,854.55	1/4	1,495.85	1/4	1,137.28	1/4	779.25	1/4	419.74	1/4	62.78	1/4	1/4	1/4		1/4	1/4
1/2	2,205.78	1/2	1,847.08	1/2	1,488.38	1/2	1,129.82	1/2	771.77	1/2	412.25	1/2	56.14	1/2	1/2	1/2		1/2	1/2
3/4	2,198.31	3/4	1,839.61	3/4	1,480.91	3/4	1,122.36	3/4	764.28	3/4	404.76	3/4	50.70	3/4	3/4	3/4		3/4	3/4
10	2,190.84	10	1,832.14	10	1,473.43	10	1,114.91	10	756.79	10	397.27	10	45.26	10	10	10		10	10
1/4	2,183.36	1/4	1,824.66	1/4	1,465.96	1/4	1,107.45	1/4	749.30	1/4	389.78	1/4	39.81	1/4	1/4	1/4		1/4	1/4
1/2	2,175.89	1/2	1,817.19	1/2	1,458.48	1/2	1,099.99	1/2	741.81	1/2	382.29	1/2	34.37	1/2	1/2	1/2		1/2	1/2
3/4	2,168.42	3/4	1,809.72	3/4	1,451.01	3/4	1,092.53	3/4	734.32	3/4	374.80	3/4	30.29	3/4	3/4	3/4		3/4	3/4
11	2,160.95	11	1,802.25	11	1,443.54	11	1,085.08	11	726.83	11	367.31	11	26.21	11	11	11		11	11
1/4	2,153.47	1/4	1,794.77	1/4	1,436.06	1/4	1,077.62	1/4	719.34	1/4	359.82	1/4	22.13	1/4	1/4	1/4		1/4	1/4
1/2	2,146.00	1/2	1,787.30	1/2	1,428.59	1/2	1,070.16	1/2	711.85	1/2	352.33	1/2	18.05	1/2	1/2	1/2		1/2	1/2
3/4	2,138.53	3/4	1,779.83	3/4	1,421.12	3/4	1,062.70	3/4	704.36	3/4	344.84	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/07/2008 INSP  
NAME CHANGE 10/04/2018  
VERIFIED: 09/21/2023

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2023

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



# BARGE "KIRBY 30088"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3019"

GAUGE HEIGHT 16-11 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0		
							4,446.09		4,213.87		3,979.15		3,744.43		3,509.71		3,183.40		2,826.42		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,443.70	1/4	4,208.98	1/4	3,974.26	1/4	3,739.54	1/4	3,504.82	1/4	3,175.96	1/4	2,818.98		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,438.81	1/2	4,204.09	1/2	3,969.37	1/2	3,734.65	1/2	3,499.64	1/2	3,168.52	1/2	2,811.54		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,433.92	3/4	4,199.20	3/4	3,964.48	3/4	3,729.76	3/4	3,494.47	3/4	3,161.08	3/4	2,804.11		
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>4,429.03</b>	<b>1</b>	<b>4,194.31</b>	<b>1</b>	<b>3,959.59</b>	<b>1</b>	<b>3,724.87</b>	<b>1</b>	<b>3,489.29</b>	<b>1</b>	<b>3,153.65</b>	<b>1</b>	<b>2,796.67</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,424.14	1/4	4,189.42	1/4	3,954.70	1/4	3,719.98	1/4	3,484.12	1/4	3,146.21	1/4	2,789.24		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,419.25	1/2	4,184.53	1/2	3,949.81	1/2	3,715.09	1/2	3,478.54	1/2	3,138.77	1/2	2,781.80		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,414.36	3/4	4,179.64	3/4	3,944.92	3/4	3,710.20	3/4	3,472.95	3/4	3,131.33	3/4	2,774.36		
<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>4,409.47</b>	<b>2</b>	<b>4,174.75</b>	<b>2</b>	<b>3,940.03</b>	<b>2</b>	<b>3,705.31</b>	<b>2</b>	<b>3,467.37</b>	<b>2</b>	<b>3,123.90</b>	<b>2</b>	<b>2,766.93</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,404.58	1/4	4,169.86	1/4	3,935.14	1/4	3,700.42	1/4	3,461.79	1/4	3,116.46	1/4	2,759.49		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,399.69	1/2	4,164.97	1/2	3,930.25	1/2	3,695.53	1/2	3,455.74	1/2	3,109.02	1/2	2,752.05		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,394.80	3/4	4,160.08	3/4	3,925.36	3/4	3,690.64	3/4	3,449.70	3/4	3,101.59	3/4	2,744.61		
<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>4,389.91</b>	<b>3</b>	<b>4,155.19</b>	<b>3</b>	<b>3,920.47</b>	<b>3</b>	<b>3,685.75</b>	<b>3</b>	<b>3,443.65</b>	<b>3</b>	<b>3,094.15</b>	<b>3</b>	<b>2,737.18</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,385.02	1/4	4,150.30	1/4	3,915.58	1/4	3,680.86	1/4	3,437.61	1/4	3,086.72	1/4	2,729.74		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,380.13	1/2	4,145.41	1/2	3,910.68	1/2	3,675.97	1/2	3,431.10	1/2	3,079.28	1/2	2,722.30		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,375.24	3/4	4,140.52	3/4	3,905.79	3/4	3,671.08	3/4	3,424.58	3/4	3,071.84	3/4	2,714.86		
<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4,370.35</b>	<b>4</b>	<b>4,135.63</b>	<b>4</b>	<b>3,900.89</b>	<b>4</b>	<b>3,666.19</b>	<b>4</b>	<b>3,418.07</b>	<b>4</b>	<b>3,064.41</b>	<b>4</b>	<b>2,707.43</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,365.46	1/4	4,130.74	1/4	3,896.00	1/4	3,661.30	1/4	3,411.56	1/4	3,056.97	1/4	2,699.99		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,360.57	1/2	4,125.85	1/2	3,891.11	1/2	3,656.41	1/2	3,404.59	1/2	3,049.53	1/2	2,692.55		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,355.68	3/4	4,120.96	3/4	3,886.23	3/4	3,651.52	3/4	3,397.63	3/4	3,042.09	3/4	2,685.11		
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>4,350.79</b>	<b>5</b>	<b>4,116.07</b>	<b>5</b>	<b>3,881.34</b>	<b>5</b>	<b>3,646.63</b>	<b>5</b>	<b>3,390.66</b>	<b>5</b>	<b>3,034.66</b>	<b>5</b>	<b>2,677.68</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,526.74	1/4	4,345.90	1/4	4,111.18	1/4	3,876.46	1/4	3,641.74	1/4	3,383.70	1/4	3,027.22	1/4	2,670.24
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,526.19	1/2	4,341.01	1/2	4,106.29	1/2	3,871.57	1/2	3,636.85	1/2	3,376.39	1/2	3,019.78	1/2	2,662.80
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,525.65	3/4	4,336.12	3/4	4,101.40	3/4	3,866.68	3/4	3,631.96	3/4	3,369.07	3/4	3,012.34	3/4	2,655.37
<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>4,525.10</b>	<b>6</b>	<b>4,331.23</b>	<b>6</b>	<b>4,096.51</b>	<b>6</b>	<b>3,862.07</b>	<b>6</b>	<b>3,627.07</b>	<b>6</b>	<b>3,364.17</b>	<b>6</b>	<b>3,004.91</b>	<b>6</b>	<b>2,647.93</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,524.55	1/4	4,326.34	1/4	4,091.62	1/4	3,856.90	1/4	3,622.18	1/4	3,354.45	1/4	2,997.47	1/4	2,640.50
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,523.23	1/2	4,321.45	1/2	4,086.73	1/2	3,852.01	1/2	3,617.29	1/2	3,347.01	1/2	2,990.03	1/2	2,633.06
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,521.90	3/4	4,316.56	3/4	4,081.84	3/4	3,847.12	3/4	3,612.40	3/4	3,339.57	3/4	2,982.59	3/4	2,625.62
<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>4,520.58</b>	<b>7</b>	<b>4,311.67</b>	<b>7</b>	<b>4,076.95</b>	<b>7</b>	<b>3,842.23</b>	<b>7</b>	<b>3,607.51</b>	<b>7</b>	<b>3,332.14</b>	<b>7</b>	<b>2,975.16</b>	<b>7</b>	<b>2,618.19</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,519.25	1/4	4,306.78	1/4	4,072.06	1/4	3,837.34	1/4	3,602.62	1/4	3,324.70	1/4	2,967.72	1/4	2,610.75
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,517.03	1/2	4,301.89	1/2	4,067.17	1/2	3,832.45	1/2	3,597.73	1/2	3,317.26	1/2	2,960.28	1/2	2,603.31
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,514.81	3/4	4,297.00	3/4	4,062.28	3/4	3,827.56	3/4	3,592.84	3/4	3,309.82	3/4	2,952.85	3/4	2,595.87
<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>4,512.59</b>	<b>8</b>	<b>4,292.11</b>	<b>8</b>	<b>4,057.39</b>	<b>8</b>	<b>3,822.67</b>	<b>8</b>	<b>3,587.95</b>	<b>8</b>	<b>3,302.39</b>	<b>8</b>	<b>2,945.41</b>	<b>8</b>	<b>2,588.44</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,510.37	1/4	4,287.22	1/4	4,052.50	1/4	3,817.78	1/4	3,583.06	1/4	3,294.95	1/4	2,937.98	1/4	2,581.00
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,507.26	1/2	4,282.33	1/2	4,047.61	1/2	3,812.89	1/2	3,578.17	1/2	3,287.51	1/2	2,930.54	1/2	2,573.56
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,504.15	3/4	4,277.44	3/4	4,042.72	3/4	3,808.00	3/4	3,573.28	3/4	3,280.07	3/4	2,923.10	3/4	2,566.12
<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>4,501.04</b>	<b>9</b>	<b>4,272.55</b>	<b>9</b>	<b>4,037.83</b>	<b>9</b>	<b>3,803.11</b>	<b>9</b>	<b>3,568.39</b>	<b>9</b>	<b>3,272.64</b>	<b>9</b>	<b>2,915.67</b>	<b>9</b>	<b>2,558.69</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,497.93	1/4	4,267.66	1/4	4,032.94	1/4	3,798.22	1/4	3,563.50	1/4	3,265.20	1/4	2,908.23	1/4	2,551.25
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,493.93	1/2	4,262.77	1/2	4,028.05	1/2	3,793.33	1/2	3,558.61	1/2	3,257.76	1/2	2,900.79	1/2	2,543.81
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,489.93	3/4	4,257.88	3/4	4,023.16	3/4	3,788.44	3/4	3,553.72	3/4	3,250.33	3/4	2,893.35	3/4	2,536.37
<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>4,485.93</b>	<b>10</b>	<b>4,252.99</b>	<b>10</b>	<b>4,018.27</b>	<b>10</b>	<b>3,783.55</b>	<b>10</b>	<b>3,548.83</b>	<b>10</b>	<b>3,242.89</b>	<b>10</b>	<b>2,885.92</b>	<b>10</b>	<b>2,528.94</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,481.93	1/4	4,248.10	1/4	4,013.38	1/4	3,778.66	1/4	3,543.94	1/4	3,235.46	1/4	2,878.48	1/4	2,521.50
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,474.76	1/2	4,243.21	1/2	4,008.49	1/2	3,773.77	1/2	3,539.05	1/2	3,228.02	1/2	2,871.04	1/2	2,514.06
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,467.60	3/4	4,238.32	3/4	4,003.60	3/4	3,768.88	3/4	3,534.16	3/4	3,220.58	3/4	2,863.60	3/4	2,506.63
<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>4,460.43</b>	<b>11</b>	<b>4,233.43</b>	<b>11</b>	<b>3,998.71</b>	<b>11</b>	<b>3,763.99</b>	<b>11</b>	<b>3,529.27</b>	<b>11</b>	<b>3,213.15</b>	<b>11</b>	<b>2,856.17</b>	<b>11</b>	<b>2,499.19</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,455.26	1/4	4,228.54	1/4	3,993.82	1/4	3,759.10	1/4	3,524.38	1/4	3,205.71	1/4	2,848.73	1/4	2,491.76
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,450.87	1/2	4,223.65	1/2	3,988.93	1/2	3,754.21	1/2	3,519.49	1/2	3,198.27	1/2	2,841.29	1/2	2,484.32
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,448.48	3/4	4,218.76	3/4	3,984.04	3/4	3,749.32	3/4	3,514.60	3/4	3,190.83	3/4	2,833.85	3/4	2,476.88

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-06" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD

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



# BARGE "KIRBY 30088"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3019"

GAUGE HEIGHT 16-11 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,469.45	0	2,112.47	0	1,755.49	0	1,398.52	0	1,041.54	0	684.57	0	327.59	0		0		0	
1/4	2,462.01	1/4	2,105.03	1/4	1,748.06	1/4	1,391.08	1/4	1,034.10	1/4	677.13	1/4	320.15	1/4	1/4		1/4		1/4
1/2	2,454.57	1/2	2,097.59	1/2	1,740.62	1/2	1,383.64	1/2	1,026.67	1/2	669.69	1/2	312.71	1/2	1/2		1/2		1/2
3/4	2,447.13	3/4	2,090.15	3/4	1,733.18	3/4	1,376.21	3/4	1,019.23	3/4	662.25	3/4	305.27	3/4	3/4		3/4		3/4
1	2,439.70	1	2,082.72	1	1,725.75	1	1,368.77	1	1,011.80	1	654.82	1	297.84	1	1		1		1
1/4	2,432.26	1/4	2,075.28	1/4	1,718.31	1/4	1,361.33	1/4	1,004.36	1/4	647.38	1/4	290.40	1/4	1/4		1/4		1/4
1/2	2,424.82	1/2	2,067.84	1/2	1,710.87	1/2	1,353.89	1/2	996.92	1/2	639.94	1/2	282.96	1/2	1/2		1/2		1/2
3/4	2,417.38	3/4	2,060.41	3/4	1,703.43	3/4	1,346.46	3/4	989.48	3/4	632.50	3/4	275.53	3/4	3/4		3/4		3/4
2	2,409.95	2	2,052.97	2	1,696.00	2	1,339.02	2	982.05	2	625.07	2	268.09	2	2		2		2
1/4	2,402.51	1/4	2,045.54	1/4	1,688.56	1/4	1,331.58	1/4	974.61	1/4	617.63	1/4	260.66	1/4	1/4		1/4		1/4
1/2	2,395.07	1/2	2,038.10	1/2	1,681.12	1/2	1,324.15	1/2	967.17	1/2	610.19	1/2	253.22	1/2	1/2		1/2		1/2
3/4	2,387.63	3/4	2,030.66	3/4	1,673.68	3/4	1,316.71	3/4	959.73	3/4	602.75	3/4	245.78	3/4	3/4		3/4		3/4
3	2,380.20	3	2,023.23	3	1,666.25	3	1,309.28	3	952.29	3	595.32	3	238.35	3	3		3		3
1/4	2,372.76	1/4	2,015.79	1/4	1,658.81	1/4	1,301.84	1/4	944.85	1/4	587.88	1/4	230.91	1/4	1/4		1/4		1/4
1/2	2,365.32	1/2	2,008.35	1/2	1,651.37	1/2	1,294.40	1/2	937.41	1/2	580.44	1/2	223.47	1/2	1/2		1/2		1/2
3/4	2,357.89	3/4	2,000.91	3/4	1,643.93	3/4	1,286.97	3/4	929.98	3/4	573.01	3/4	216.03	3/4	3/4		3/4		3/4
4	2,350.45	4	1,993.48	4	1,636.50	4	1,279.53	4	922.54	4	565.57	4	208.60	4	4		4		4
1/4	2,343.02	1/4	1,986.04	1/4	1,629.06	1/4	1,272.09	1/4	915.11	1/4	558.14	1/4	201.16	1/4	1/4		1/4		1/4
1/2	2,335.58	1/2	1,978.60	1/2	1,621.62	1/2	1,264.65	1/2	907.67	1/2	550.70	1/2	193.72	1/2	1/2		1/2		1/2
3/4	2,328.14	3/4	1,971.16	3/4	1,614.19	3/4	1,257.22	3/4	900.23	3/4	543.26	3/4	186.28	3/4	3/4		3/4		3/4
5	2,320.71	5	1,963.73	5	1,606.75	5	1,249.78	5	892.80	5	535.83	5	178.85	5	5		5		5
1/4	2,313.27	1/4	1,956.29	1/4	1,599.32	1/4	1,242.34	1/4	885.36	1/4	528.39	1/4	171.41	1/4	1/4		1/4		1/4
1/2	2,305.83	1/2	1,948.85	1/2	1,591.88	1/2	1,234.90	1/2	877.92	1/2	520.95	1/2	163.97	1/2	1/2		1/2		1/2
3/4	2,298.39	3/4	1,941.41	3/4	1,584.44	3/4	1,227.47	3/4	870.49	3/4	513.51	3/4	156.53	3/4	3/4		3/4		3/4
6	2,290.96	6	1,933.98	6	1,577.01	6	1,220.03	6	863.05	6	506.08	6	149.10	6	6		6		6
1/4	2,283.52	1/4	1,926.54	1/4	1,569.57	1/4	1,212.59	1/4	855.62	1/4	498.64	1/4	141.66	1/4	1/4		1/4		1/4
1/2	2,276.08	1/2	1,919.10	1/2	1,562.13	1/2	1,205.15	1/2	848.18	1/2	491.20	1/2	134.22	1/2	1/2		1/2		1/2
3/4	2,268.64	3/4	1,911.67	3/4	1,554.69	3/4	1,197.72	3/4	840.74	3/4	483.76	3/4	126.79	3/4	3/4		3/4		3/4
7	2,261.21	7	1,904.23	7	1,547.26	7	1,190.28	7	833.31	7	476.33	7	119.35	7	7		7		7
1/4	2,253.77	1/4	1,896.80	1/4	1,539.82	1/4	1,182.84	1/4	825.87	1/4	468.89	1/4	111.92	1/4	1/4		1/4		1/4
1/2	2,246.33	1/2	1,889.36	1/2	1,532.38	1/2	1,175.41	1/2	818.43	1/2	461.45	1/2	104.48	1/2	1/2		1/2		1/2
3/4	2,238.89	3/4	1,881.92	3/4	1,524.94	3/4	1,167.97	3/4	810.99	3/4	454.01	3/4	97.04	3/4	3/4		3/4		3/4
8	2,231.46	8	1,874.49	8	1,517.51	8	1,160.54	8	803.56	8	446.58	8	89.61	8	8		8		8
1/4	2,224.02	1/4	1,867.05	1/4	1,510.07	1/4	1,153.10	1/4	796.12	1/4	439.14	1/4	82.17	1/4	1/4		1/4		1/4
1/2	2,216.58	1/2	1,859.61	1/2	1,502.63	1/2	1,145.66	1/2	788.68	1/2	431.70	1/2	75.77	1/2	1/2		1/2		1/2
3/4	2,209.15	3/4	1,852.17	3/4	1,495.19	3/4	1,138.23	3/4	781.24	3/4	424.27	3/4	68.98	3/4	3/4		3/4		3/4
9	2,201.71	9	1,844.74	9	1,487.76	9	1,130.79	9	773.81	9	416.83	9	62.38	9	9		9		9
1/4	2,194.28	1/4	1,837.30	1/4	1,480.32	1/4	1,123.35	1/4	766.37	1/4	409.40	1/4	55.79	1/4	1/4		1/4		1/4
1/2	2,186.84	1/2	1,829.86	1/2	1,472.88	1/2	1,115.91	1/2	758.93	1/2	401.96	1/2	50.38	1/2	1/2		1/2		1/2
3/4	2,179.40	3/4	1,822.42	3/4	1,465.45	3/4	1,108.48	3/4	751.49	3/4	394.52	3/4	44.97	3/4	3/4		3/4		3/4
10	2,171.97	10	1,814.99	10	1,458.01	10	1,101.04	10	744.06	10	387.09	10	39.56	10	10		10		10
1/4	2,164.53	1/4	1,807.55	1/4	1,450.58	1/4	1,093.60	1/4	736.62	1/4	379.65	1/4	34.15	1/4	1/4		1/4		1/4
1/2	2,157.09	1/2	1,800.11	1/2	1,443.14	1/2	1,086.16	1/2	729.18	1/2	372.21	1/2	30.10	1/2	1/2		1/2		1/2
3/4	2,149.65	3/4	1,792.67	3/4	1,435.71	3/4	1,078.73	3/4	721.75	3/4	364.77	3/4	26.05	3/4	3/4		3/4		3/4
11	2,142.22	11	1,785.24	11	1,428.27	11	1,071.29	11	714.31	11	357.34	11	22.00	11	11		11		11
1/4	2,134.78	1/4	1,777.80	1/4	1,420.83	1/4	1,063.85	1/4	706.88	1/4	349.90	1/4	17.95	1/4	1/4		1/4		1/4
1/2	2,127.34	1/2	1,770.36	1/2	1,413.39	1/2	1,056.41	1/2	699.44	1/2	342.46	1/2		1/2	1/2		1/2		1/2
3/4	2,119.90	3/4	1,762.93	3/4	1,405.96	3/4	1,048.98	3/4	692.00	3/4	335.02	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/07/2008 INSP  
NAME CHANGE 10/04/2018  
VERIFIED: 09/21/2023

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2023

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "KIRBY 30088"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3019"

GAUGE HEIGHT 16-11 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
							4,446.09		4,213.87		3,979.15		3,744.43		3,509.71		3,183.40		2,826.42
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,443.70	1/4	4,208.98	1/4	3,974.26	1/4	3,739.54	1/4	3,504.82	1/4	3,175.96	1/4	2,818.98
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,438.81	1/2	4,204.09	1/2	3,969.37	1/2	3,734.65	1/2	3,499.64	1/2	3,168.52	1/2	2,811.54
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,433.92	3/4	4,199.20	3/4	3,964.48	3/4	3,729.76	3/4	3,494.47	3/4	3,161.08	3/4	2,804.11
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>4,429.03</b>	<b>1</b>	<b>4,194.31</b>	<b>1</b>	<b>3,959.59</b>	<b>1</b>	<b>3,724.87</b>	<b>1</b>	<b>3,489.29</b>	<b>1</b>	<b>3,153.65</b>	<b>1</b>	<b>2,796.67</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,424.14	1/4	4,189.42	1/4	3,954.70	1/4	3,719.98	1/4	3,484.12	1/4	3,146.21	1/4	2,789.24
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,419.25	1/2	4,184.53	1/2	3,949.81	1/2	3,715.09	1/2	3,478.54	1/2	3,138.77	1/2	2,781.80
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,414.36	3/4	4,179.64	3/4	3,944.92	3/4	3,710.20	3/4	3,472.95	3/4	3,131.33	3/4	2,774.36
<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>4,409.47</b>	<b>2</b>	<b>4,174.75</b>	<b>2</b>	<b>3,940.03</b>	<b>2</b>	<b>3,705.31</b>	<b>2</b>	<b>3,467.37</b>	<b>2</b>	<b>3,123.90</b>	<b>2</b>	<b>2,766.93</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,404.58	1/4	4,169.86	1/4	3,935.14	1/4	3,700.42	1/4	3,461.79	1/4	3,116.46	1/4	2,759.49
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,399.69	1/2	4,164.97	1/2	3,930.25	1/2	3,695.53	1/2	3,455.74	1/2	3,109.02	1/2	2,752.05
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,394.80	3/4	4,160.08	3/4	3,925.36	3/4	3,690.64	3/4	3,449.70	3/4	3,101.59	3/4	2,744.61
<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>4,389.91</b>	<b>3</b>	<b>4,155.19</b>	<b>3</b>	<b>3,920.47</b>	<b>3</b>	<b>3,685.75</b>	<b>3</b>	<b>3,443.65</b>	<b>3</b>	<b>3,094.15</b>	<b>3</b>	<b>2,737.18</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,385.02	1/4	4,150.30	1/4	3,915.58	1/4	3,680.86	1/4	3,437.61	1/4	3,086.72	1/4	2,729.74
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,380.13	1/2	4,145.41	1/2	3,910.68	1/2	3,675.97	1/2	3,431.10	1/2	3,079.28	1/2	2,722.30
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,375.24	3/4	4,140.52	3/4	3,905.79	3/4	3,671.08	3/4	3,424.58	3/4	3,071.84	3/4	2,714.86
<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4,370.35</b>	<b>4</b>	<b>4,135.63</b>	<b>4</b>	<b>3,900.89</b>	<b>4</b>	<b>3,666.19</b>	<b>4</b>	<b>3,418.07</b>	<b>4</b>	<b>3,064.41</b>	<b>4</b>	<b>2,707.43</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,365.46	1/4	4,130.74	1/4	3,896.00	1/4	3,661.30	1/4	3,411.56	1/4	3,056.97	1/4	2,699.99
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,360.57	1/2	4,125.85	1/2	3,891.11	1/2	3,656.41	1/2	3,404.59	1/2	3,049.53	1/2	2,692.55
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,355.68	3/4	4,120.96	3/4	3,886.23	3/4	3,651.52	3/4	3,397.63	3/4	3,042.09	3/4	2,685.11
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>4,350.79</b>	<b>5</b>	<b>4,116.07</b>	<b>5</b>	<b>3,881.34</b>	<b>5</b>	<b>3,646.63</b>	<b>5</b>	<b>3,390.66</b>	<b>5</b>	<b>3,034.66</b>	<b>5</b>	<b>2,677.68</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,345.90	1/4	4,111.18	1/4	3,876.46	1/4	3,641.74	1/4	3,383.70	1/4	3,027.22	1/4	2,670.24
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,341.01	1/2	4,106.29	1/2	3,871.57	1/2	3,636.85	1/2	3,376.39	1/2	3,019.78	1/2	2,662.80
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,336.12	3/4	4,101.40	3/4	3,866.68	3/4	3,631.96	3/4	3,369.07	3/4	3,012.34	3/4	2,655.37
<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>4,331.23</b>	<b>6</b>	<b>4,096.51</b>	<b>6</b>	<b>3,861.79</b>	<b>6</b>	<b>3,627.07</b>	<b>6</b>	<b>3,361.76</b>	<b>6</b>	<b>3,004.91</b>	<b>6</b>	<b>2,647.93</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,326.34	1/4	4,091.62	1/4	3,856.90	1/4	3,622.18	1/4	3,354.45	1/4	2,997.47	1/4	2,640.50
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,321.45	1/2	4,086.73	1/2	3,852.01	1/2	3,617.29	1/2	3,347.01	1/2	2,990.03	1/2	2,633.06
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,316.56	3/4	4,081.84	3/4	3,847.12	3/4	3,612.40	3/4	3,339.57	3/4	2,982.59	3/4	2,625.62
<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>4,311.67</b>	<b>7</b>	<b>4,076.95</b>	<b>7</b>	<b>3,842.23</b>	<b>7</b>	<b>3,607.51</b>	<b>7</b>	<b>3,332.14</b>	<b>7</b>	<b>2,975.16</b>	<b>7</b>	<b>2,618.19</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,306.78	1/4	4,072.06	1/4	3,837.34	1/4	3,602.62	1/4	3,324.70	1/4	2,967.72	1/4	2,610.75
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,301.89	1/2	4,067.17	1/2	3,832.45	1/2	3,597.73	1/2	3,317.26	1/2	2,960.28	1/2	2,603.31
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,297.00	3/4	4,062.28	3/4	3,827.56	3/4	3,592.84	3/4	3,309.82	3/4	2,952.85	3/4	2,595.87
<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>4,292.11</b>	<b>8</b>	<b>4,057.39</b>	<b>8</b>	<b>3,822.67</b>	<b>8</b>	<b>3,587.95</b>	<b>8</b>	<b>3,302.39</b>	<b>8</b>	<b>2,945.41</b>	<b>8</b>	<b>2,588.44</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,287.22	1/4	4,052.50	1/4	3,817.78	1/4	3,583.06	1/4	3,294.95	1/4	2,937.98	1/4	2,581.00
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,282.33	1/2	4,047.61	1/2	3,812.89	1/2	3,578.17	1/2	3,287.51	1/2	2,930.54	1/2	2,573.56
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,277.44	3/4	4,042.72	3/4	3,808.00	3/4	3,573.28	3/4	3,280.07	3/4	2,923.10	3/4	2,566.12
<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>4,272.55</b>	<b>9</b>	<b>4,037.83</b>	<b>9</b>	<b>3,803.11</b>	<b>9</b>	<b>3,568.39</b>	<b>9</b>	<b>3,272.64</b>	<b>9</b>	<b>2,915.67</b>	<b>9</b>	<b>2,558.69</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,267.66	1/4	4,032.94	1/4	3,798.22	1/4	3,563.50	1/4	3,265.20	1/4	2,908.23	1/4	2,551.25
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,262.77	1/2	4,028.05	1/2	3,793.33	1/2	3,558.61	1/2	3,257.76	1/2	2,900.79	1/2	2,543.81
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,257.88	3/4	4,023.16	3/4	3,788.44	3/4	3,553.72	3/4	3,250.33	3/4	2,893.35	3/4	2,536.37
<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>4,252.99</b>	<b>10</b>	<b>4,018.27</b>	<b>10</b>	<b>3,783.55</b>	<b>10</b>	<b>3,548.83</b>	<b>10</b>	<b>3,242.89</b>	<b>10</b>	<b>2,885.92</b>	<b>10</b>	<b>2,528.94</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,248.10	1/4	4,013.38	1/4	3,778.66	1/4	3,543.94	1/4	3,235.46	1/4	2,878.48	1/4	2,521.50
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,243.21	1/2	4,008.49	1/2	3,773.77	1/2	3,539.05	1/2	3,228.02	1/2	2,871.04	1/2	2,514.06
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,238.32	3/4	4,003.60	3/4	3,768.88	3/4	3,534.16	3/4	3,220.58	3/4	2,863.60	3/4	2,506.63
<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>4,233.43</b>	<b>11</b>	<b>3,998.71</b>	<b>11</b>	<b>3,763.99</b>	<b>11</b>	<b>3,529.27</b>	<b>11</b>	<b>3,213.15</b>	<b>11</b>	<b>2,856.17</b>	<b>11</b>	<b>2,499.19</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,228.54	1/4	3,993.82	1/4	3,759.10	1/4	3,524.38	1/4	3,205.71	1/4	2,848.73	1/4	2,491.76
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,223.65	1/2	3,988.93	1/2	3,754.21	1/2	3,519.49	1/2	3,198.27	1/2	2,841.29	1/2	2,484.32
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,218.76	3/4	3,984.04	3/4	3,749.32	3/4	3,514.60	3/4	3,190.83	3/4	2,833.85	3/4	2,476.88

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-06" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD

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



# BARGE "KIRBY 30088"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3019"

GAUGE HEIGHT 16-11 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,469.45	0	2,112.47	0	1,755.49	0	1,398.52	0	1,041.54	0	684.57	0	327.59	0		0		0	
1/4	2,462.01	1/4	2,105.03	1/4	1,748.06	1/4	1,391.08	1/4	1,034.10	1/4	677.13	1/4	320.15	1/4	1/4		1/4		1/4
1/2	2,454.57	1/2	2,097.59	1/2	1,740.62	1/2	1,383.64	1/2	1,026.67	1/2	669.69	1/2	312.71	1/2	1/2		1/2		1/2
3/4	2,447.13	3/4	2,090.15	3/4	1,733.18	3/4	1,376.21	3/4	1,019.23	3/4	662.25	3/4	305.27	3/4	3/4		3/4		3/4
1	2,439.70	1	2,082.72	1	1,725.75	1	1,368.77	1	1,011.80	1	654.82	1	297.84	1	1		1		1
1/4	2,432.26	1/4	2,075.28	1/4	1,718.31	1/4	1,361.33	1/4	1,004.36	1/4	647.38	1/4	290.40	1/4	1/4		1/4		1/4
1/2	2,424.82	1/2	2,067.84	1/2	1,710.87	1/2	1,353.89	1/2	996.92	1/2	639.94	1/2	282.96	1/2	1/2		1/2		1/2
3/4	2,417.38	3/4	2,060.41	3/4	1,703.43	3/4	1,346.46	3/4	989.48	3/4	632.50	3/4	275.53	3/4	3/4		3/4		3/4
2	2,409.95	2	2,052.97	2	1,696.00	2	1,339.02	2	982.05	2	625.07	2	268.09	2	2		2		2
1/4	2,402.51	1/4	2,045.54	1/4	1,688.56	1/4	1,331.58	1/4	974.61	1/4	617.63	1/4	260.66	1/4	1/4		1/4		1/4
1/2	2,395.07	1/2	2,038.10	1/2	1,681.12	1/2	1,324.15	1/2	967.17	1/2	610.19	1/2	253.22	1/2	1/2		1/2		1/2
3/4	2,387.63	3/4	2,030.66	3/4	1,673.68	3/4	1,316.71	3/4	959.73	3/4	602.75	3/4	245.78	3/4	3/4		3/4		3/4
3	2,380.20	3	2,023.23	3	1,666.25	3	1,309.28	3	952.29	3	595.32	3	238.35	3	3		3		3
1/4	2,372.76	1/4	2,015.79	1/4	1,658.81	1/4	1,301.84	1/4	944.85	1/4	587.88	1/4	230.91	1/4	1/4		1/4		1/4
1/2	2,365.32	1/2	2,008.35	1/2	1,651.37	1/2	1,294.40	1/2	937.41	1/2	580.44	1/2	223.47	1/2	1/2		1/2		1/2
3/4	2,357.89	3/4	2,000.91	3/4	1,643.93	3/4	1,286.97	3/4	929.98	3/4	573.01	3/4	216.03	3/4	3/4		3/4		3/4
4	2,350.45	4	1,993.48	4	1,636.50	4	1,279.53	4	922.54	4	565.57	4	208.60	4	4		4		4
1/4	2,343.02	1/4	1,986.04	1/4	1,629.06	1/4	1,272.09	1/4	915.11	1/4	558.14	1/4	201.16	1/4	1/4		1/4		1/4
1/2	2,335.58	1/2	1,978.60	1/2	1,621.62	1/2	1,264.65	1/2	907.67	1/2	550.70	1/2	193.72	1/2	1/2		1/2		1/2
3/4	2,328.14	3/4	1,971.16	3/4	1,614.19	3/4	1,257.22	3/4	900.23	3/4	543.26	3/4	186.28	3/4	3/4		3/4		3/4
5	2,320.71	5	1,963.73	5	1,606.75	5	1,249.78	5	892.80	5	535.83	5	178.85	5	5		5		5
1/4	2,313.27	1/4	1,956.29	1/4	1,599.32	1/4	1,242.34	1/4	885.36	1/4	528.39	1/4	171.41	1/4	1/4		1/4		1/4
1/2	2,305.83	1/2	1,948.85	1/2	1,591.88	1/2	1,234.90	1/2	877.92	1/2	520.95	1/2	163.97	1/2	1/2		1/2		1/2
3/4	2,298.39	3/4	1,941.41	3/4	1,584.44	3/4	1,227.47	3/4	870.49	3/4	513.51	3/4	156.53	3/4	3/4		3/4		3/4
6	2,290.96	6	1,933.98	6	1,577.01	6	1,220.03	6	863.05	6	506.08	6	149.10	6	6		6		6
1/4	2,283.52	1/4	1,926.54	1/4	1,569.57	1/4	1,212.59	1/4	855.62	1/4	498.64	1/4	141.66	1/4	1/4		1/4		1/4
1/2	2,276.08	1/2	1,919.10	1/2	1,562.13	1/2	1,205.15	1/2	848.18	1/2	491.20	1/2	134.22	1/2	1/2		1/2		1/2
3/4	2,268.64	3/4	1,911.67	3/4	1,554.69	3/4	1,197.72	3/4	840.74	3/4	483.76	3/4	126.79	3/4	3/4		3/4		3/4
7	2,261.21	7	1,904.23	7	1,547.26	7	1,190.28	7	833.31	7	476.33	7	119.35	7	7		7		7
1/4	2,253.77	1/4	1,896.80	1/4	1,539.82	1/4	1,182.84	1/4	825.87	1/4	468.89	1/4	111.92	1/4	1/4		1/4		1/4
1/2	2,246.33	1/2	1,889.36	1/2	1,532.38	1/2	1,175.41	1/2	818.43	1/2	461.45	1/2	104.48	1/2	1/2		1/2		1/2
3/4	2,238.89	3/4	1,881.92	3/4	1,524.94	3/4	1,167.97	3/4	810.99	3/4	454.01	3/4	97.04	3/4	3/4		3/4		3/4
8	2,231.46	8	1,874.49	8	1,517.51	8	1,160.54	8	803.56	8	446.58	8	89.61	8	8		8		8
1/4	2,224.02	1/4	1,867.05	1/4	1,510.07	1/4	1,153.10	1/4	796.12	1/4	439.14	1/4	82.17	1/4	1/4		1/4		1/4
1/2	2,216.58	1/2	1,859.61	1/2	1,502.63	1/2	1,145.66	1/2	788.68	1/2	431.70	1/2	75.77	1/2	1/2		1/2		1/2
3/4	2,209.15	3/4	1,852.17	3/4	1,495.19	3/4	1,138.23	3/4	781.24	3/4	424.27	3/4	68.98	3/4	3/4		3/4		3/4
9	2,201.71	9	1,844.74	9	1,487.76	9	1,130.79	9	773.81	9	416.83	9	62.38	9	9		9		9
1/4	2,194.28	1/4	1,837.30	1/4	1,480.32	1/4	1,123.35	1/4	766.37	1/4	409.40	1/4	55.79	1/4	1/4		1/4		1/4
1/2	2,186.84	1/2	1,829.86	1/2	1,472.88	1/2	1,115.91	1/2	758.93	1/2	401.96	1/2	50.38	1/2	1/2		1/2		1/2
3/4	2,179.40	3/4	1,822.42	3/4	1,465.45	3/4	1,108.48	3/4	751.49	3/4	394.52	3/4	44.97	3/4	3/4		3/4		3/4
10	2,171.97	10	1,814.99	10	1,458.01	10	1,101.04	10	744.06	10	387.09	10	39.56	10	10		10		10
1/4	2,164.53	1/4	1,807.55	1/4	1,450.58	1/4	1,093.60	1/4	736.62	1/4	379.65	1/4	34.15	1/4	1/4		1/4		1/4
1/2	2,157.09	1/2	1,800.11	1/2	1,443.14	1/2	1,086.16	1/2	729.18	1/2	372.21	1/2	30.10	1/2	1/2		1/2		1/2
3/4	2,149.65	3/4	1,792.67	3/4	1,435.71	3/4	1,078.73	3/4	721.75	3/4	364.77	3/4	26.05	3/4	3/4		3/4		3/4
11	2,142.22	11	1,785.24	11	1,428.27	11	1,071.29	11	714.31	11	357.34	11	22.00	11	11		11		11
1/4	2,134.78	1/4	1,777.80	1/4	1,420.83	1/4	1,063.85	1/4	706.88	1/4	349.90	1/4	17.95	1/4	1/4		1/4		1/4
1/2	2,127.34	1/2	1,770.36	1/2	1,413.39	1/2	1,056.41	1/2	699.44	1/2	342.46	1/2		1/2	1/2		1/2		1/2
3/4	2,119.90	3/4	1,762.93	3/4	1,405.96	3/4	1,048.98	3/4	692.00	3/4	335.02	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/07/2008 INSP  
NAME CHANGE 10/04/2018  
VERIFIED: 09/21/2023

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2023

PRECISION MEASUREMENT  
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# BARGE "KIRBY 30088"

## FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. 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	0.00	0	384	0	767	0	1,151	0	1,535	0		0		0		0		0	
1/4	7.99	1/4	392	1/4	775	1/4	1,159	1/4	1,543	1/4		1/4		1/4		1/4		1/4	
1/2	15.99	1/2	400	1/2	783	1/2	1,167	1/2	1,551	1/2		1/2		1/2		1/2		1/2	
3/4	23.98	3/4	408	3/4	791	3/4	1,175	3/4	1,559	3/4		3/4		3/4		3/4		3/4	
1	31.98	1	416	1	799	1	1,183	1	1,567	1		1		1		1		1	
1/4	39.97	1/4	424	1/4	807	1/4	1,191	1/4	1,575	1/4		1/4		1/4		1/4		1/4	
1/2	47.96	1/2	432	1/2	815	1/2	1,199	1/2	1,583	1/2		1/2		1/2		1/2		1/2	
3/4	55.96	3/4	440	3/4	823	3/4	1,207	3/4	1,591	3/4		3/4		3/4		3/4		3/4	
2	63.95	2	448	2	831	2	1,215	2	1,599	2		2		2		2		2	
1/4	71.95	1/4	456	1/4	839	1/4	1,223	1/4	1,607	1/4		1/4		1/4		1/4		1/4	
1/2	79.94	1/2	464	1/2	847	1/2	1,231	1/2	1,615	1/2		1/2		1/2		1/2		1/2	
3/4	87.93	3/4	472	3/4	855	3/4	1,239	3/4	1,623	3/4		3/4		3/4		3/4		3/4	
3	95.93	3	480	3	863	3	1,247	3	1,631	3		3		3		3		3	
1/4	103.92	1/4	488	1/4	871	1/4	1,255	1/4	1,639	1/4		1/4		1/4		1/4		1/4	
1/2	111.92	1/2	496	1/2	879	1/2	1,263	1/2	1,647	1/2		1/2		1/2		1/2		1/2	
3/4	119.91	3/4	504	3/4	887	3/4	1,271	3/4	1,655	3/4		3/4		3/4		3/4		3/4	
4	127.90	4	512	4	895	4	1,279	4	1,663	4		4		4		4		4	
1/4	135.90	1/4	520	1/4	903	1/4	1,287	1/4	1,671	1/4		1/4		1/4		1/4		1/4	
1/2	143.89	1/2	528	1/2	911	1/2	1,295	1/2	1,679	1/2		1/2		1/2		1/2		1/2	
3/4	151.89	3/4	536	3/4	919	3/4	1,303	3/4	1,687	3/4		3/4		3/4		3/4		3/4	
5	159.88	5	544	5	927	5	1,311	5	1,695	5		5		5		5		5	
1/4	167.87	1/4	552	1/4	935	1/4	1,319	1/4	1,703	1/4		1/4		1/4		1/4		1/4	
1/2	175.87	1/2	560	1/2	943	1/2	1,327	1/2	1,711	1/2		1/2		1/2		1/2		1/2	
3/4	183.86	3/4	568	3/4	951	3/4	1,335	3/4	1,719	3/4		3/4		3/4		3/4		3/4	
6	191.86	6	576	6	959	6	1,343	6	1,727	6		6		6		6		6	
1/4	199.85	1/4	584	1/4	967	1/4	1,351	1/4	1,735	1/4		1/4		1/4		1/4		1/4	
1/2	207.84	1/2	592	1/2	975	1/2	1,359	1/2	1,743	1/2		1/2		1/2		1/2		1/2	
3/4	215.84	3/4	600	3/4	983	3/4	1,367	3/4	1,751	3/4		3/4		3/4		3/4		3/4	
7	223.83	7	608	7	991	7	1,375	7	1,759	7		7		7		7		7	
1/4	231.83	1/4	616	1/4	999	1/4	1,383	1/4	1,767	1/4		1/4		1/4		1/4		1/4	
1/2	239.82	1/2	624	1/2	1,007	1/2	1,391	1/2	1,775	1/2		1/2		1/2		1/2		1/2	
3/4	247.81	3/4	632	3/4	1,015	3/4	1,399	3/4	1,783	3/4		3/4		3/4		3/4		3/4	
8	255.81	8	640	8	1,023	8	1,407	8	1,791	8		8		8		8		8	
1/4	263.80	1/4	648	1/4	1,031	1/4	1,415	1/4	1,800	1/4		1/4		1/4		1/4		1/4	
1/2	271.80	1/2	656	1/2	1,039	1/2	1,423	1/2	1,808	1/2		1/2		1/2		1/2		1/2	
3/4	279.79	3/4	664	3/4	1,047	3/4	1,431	3/4	1,816	3/4		3/4		3/4		3/4		3/4	
9	287.78	9	671	9	1,055	9	1,439	9	1,824	9		9		9		9		9	
1/4	295.78	1/4	679	1/4	1,063	1/4	1,447	1/4	1,832	1/4		1/4		1/4		1/4		1/4	
1/2	303.77	1/2	687	1/2	1,071	1/2	1,455	1/2	1,840	1/2		1/2		1/2		1/2		1/2	
3/4	311.77	3/4	695	3/4	1,079	3/4	1,463	3/4	1,848	3/4		3/4		3/4		3/4		3/4	
10	319.76	10	703	10	1,087	10	1,471	10	1,856	10		10		10		10		10	
1/4	327.75	1/4	711	1/4	1,095	1/4	1,479	1/4	1,864	1/4		1/4		1/4		1/4		1/4	
1/2	335.75	1/2	719	1/2	1,103	1/2	1,487	1/2	1,872	1/2		1/2		1/2		1/2		1/2	
3/4	343.74	3/4	727	3/4	1,111	3/4	1,495	3/4	1,880	3/4		3/4		3/4		3/4		3/4	
11	351.74	11	735	11	1,119	11	1,503	11	1,888	11		11		11		11		11	
1/4	359.73	1/4	743	1/4	1,127	1/4	1,511	1/4	1,896	1/4		1/4		1/4		1/4		1/4	
1/2	367.72	1/2	751	1/2	1,135	1/2	1,519	1/2	1,904	1/2		1/2		1/2		1/2		1/2	
3/4	375.72	3/4	759	3/4	1,143	3/4	1,527	3/4	1,912	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: 09/12/2023 JS - SW  
CALCULATED: 09/13/2023 CL  
PRINTED: 09/13/2023 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2023

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 30088"

## PORT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. 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	0.00	0	963	0	1,927	0	2,890	0	3,854	0		0		0		0		0	
1/4	20.07	1/4	983	1/4	1,947	1/4	2,910	1/4	3,874	1/4		1/4		1/4		1/4		1/4	
1/2	40.14	1/2	1,004	1/2	1,967	1/2	2,930	1/2	3,894	1/2		1/2		1/2		1/2		1/2	
3/4	60.21	3/4	1,024	3/4	1,987	3/4	2,950	3/4	3,914	3/4		3/4		3/4		3/4		3/4	
1	80.28	1	1,044	1	2,007	1	2,970	1	3,934	1		1		1		1		1	
1/4	100.35	1/4	1,064	1/4	2,027	1/4	2,991	1/4	3,954	1/4		1/4		1/4		1/4		1/4	
1/2	120.42	1/2	1,084	1/2	2,047	1/2	3,011	1/2	3,974	1/2		1/2		1/2		1/2		1/2	
3/4	140.49	3/4	1,104	3/4	2,067	3/4	3,031	3/4	3,994	3/4		3/4		3/4		3/4		3/4	
2	160.56	2	1,124	2	2,087	2	3,051	2	4,014	2		2		2		2		2	
1/4	180.64	1/4	1,144	1/4	2,107	1/4	3,071	1/4	4,034	1/4		1/4		1/4		1/4		1/4	
1/2	200.71	1/2	1,164	1/2	2,127	1/2	3,091	1/2	4,054	1/2		1/2		1/2		1/2		1/2	
3/4	220.78	3/4	1,184	3/4	2,148	3/4	3,111	3/4	4,074	3/4		3/4		3/4		3/4		3/4	
3	240.85	3	1,204	3	2,168	3	3,131	3	4,094	3		3		3		3		3	
1/4	260.92	1/4	1,224	1/4	2,188	1/4	3,151	1/4	4,114	1/4		1/4		1/4		1/4		1/4	
1/2	280.99	1/2	1,244	1/2	2,208	1/2	3,171	1/2	4,135	1/2		1/2		1/2		1/2		1/2	
3/4	301.06	3/4	1,264	3/4	2,228	3/4	3,191	3/4	4,155	3/4		3/4		3/4		3/4		3/4	
4	321.13	4	1,285	4	2,248	4	3,211	4	4,175	4		4		4		4		4	
1/4	341.20	1/4	1,305	1/4	2,268	1/4	3,231	1/4	4,195	1/4		1/4		1/4		1/4		1/4	
1/2	361.27	1/2	1,325	1/2	2,288	1/2	3,251	1/2	4,215	1/2		1/2		1/2		1/2		1/2	
3/4	381.34	3/4	1,345	3/4	2,308	3/4	3,272	3/4	4,235	3/4		3/4		3/4		3/4		3/4	
5	401.41	5	1,365	5	2,328	5	3,292	5	4,255	5		5		5		5		5	
1/4	421.48	1/4	1,385	1/4	2,348	1/4	3,312	1/4	4,275	1/4		1/4		1/4		1/4		1/4	
1/2	441.55	1/2	1,405	1/2	2,368	1/2	3,332	1/2	4,295	1/2		1/2		1/2		1/2		1/2	
3/4	461.62	3/4	1,425	3/4	2,388	3/4	3,352	3/4	4,315	3/4		3/4		3/4		3/4		3/4	
6	481.69	6	1,445	6	2,408	6	3,372	6	4,335	6		6		6		6		6	
1/4	501.77	1/4	1,465	1/4	2,429	1/4	3,392	1/4	4,355	1/4		1/4		1/4		1/4		1/4	
1/2	521.84	1/2	1,485	1/2	2,449	1/2	3,412	1/2	4,375	1/2		1/2		1/2		1/2		1/2	
3/4	541.91	3/4	1,505	3/4	2,469	3/4	3,432	3/4	4,395	3/4		3/4		3/4		3/4		3/4	
7	561.98	7	1,525	7	2,489	7	3,452	7	4,415	7		7		7		7		7	
1/4	582.05	1/4	1,545	1/4	2,509	1/4	3,472	1/4	4,435	1/4		1/4		1/4		1/4		1/4	
1/2	602.12	1/2	1,566	1/2	2,529	1/2	3,492	1/2	4,455	1/2		1/2		1/2		1/2		1/2	
3/4	622.19	3/4	1,586	3/4	2,549	3/4	3,512	3/4	4,475	3/4		3/4		3/4		3/4		3/4	
8	642.26	8	1,606	8	2,569	8	3,532	8	4,495	8		8		8		8		8	
1/4	662.33	1/4	1,626	1/4	2,589	1/4	3,552	1/4	4,515	1/4		1/4		1/4		1/4		1/4	
1/2	682.40	1/2	1,646	1/2	2,609	1/2	3,573	1/2	4,535	1/2		1/2		1/2		1/2		1/2	
3/4	702.47	3/4	1,666	3/4	2,629	3/4	3,593	3/4	4,555	3/4		3/4		3/4		3/4		3/4	
9	722.54	9	1,686	9	2,649	9	3,613	9	4,575	9		9		9		9		9	
1/4	742.61	1/4	1,706	1/4	2,669	1/4	3,633	1/4	4,595	1/4		1/4		1/4		1/4		1/4	
1/2	762.68	1/2	1,726	1/2	2,689	1/2	3,653	1/2	4,615	1/2		1/2		1/2		1/2		1/2	
3/4	782.75	3/4	1,746	3/4	2,710	3/4	3,673	3/4	4,635	3/4		3/4		3/4		3/4		3/4	
10	802.82	10	1,766	10	2,730	10	3,693	10	4,655	10		10		10		10		10	
1/4	822.89	1/4	1,786	1/4	2,750	1/4	3,713	1/4	4,675	1/4		1/4		1/4		1/4		1/4	
1/2	842.97	1/2	1,806	1/2	2,770	1/2	3,733	1/2	4,695	1/2		1/2		1/2		1/2		1/2	
3/4	863.04	3/4	1,826	3/4	2,790	3/4	3,753	3/4	4,715	3/4		3/4		3/4		3/4		3/4	
11	883.11	11	1,846	11	2,810	11	3,773	11	4,735	11		11		11		11		11	
1/4	903.18	1/4	1,867	1/4	2,830	1/4	3,793	1/4	4,755	1/4		1/4		1/4		1/4		1/4	
1/2	923.25	1/2	1,887	1/2	2,850	1/2	3,813	1/2	4,775	1/2		1/2		1/2		1/2		1/2	
3/4	943.32	3/4	1,907	3/4	2,870	3/4	3,833	3/4	4,795	3/4		3/4		3/4		3/4		3/4	

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CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
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Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "KIRBY 30088"

## STBD SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. 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	0.00	0	964	0	1,929	0	2,893	0	3,858	0		0		0		0		0	
1/4	20.09	1/4	985	1/4	1,949	1/4	2,913	1/4	3,878	1/4		1/4		1/4		1/4		1/4	
1/2	40.18	1/2	1,005	1/2	1,969	1/2	2,933	1/2	3,898	1/2		1/2		1/2		1/2		1/2	
3/4	60.28	3/4	1,025	3/4	1,989	3/4	2,954	3/4	3,918	3/4		3/4		3/4		3/4		3/4	
1	80.37	1	1,045	1	2,009	1	2,974	1	3,938	1		1		1		1		1	
1/4	100.46	1/4	1,065	1/4	2,029	1/4	2,994	1/4	3,958	1/4		1/4		1/4		1/4		1/4	
1/2	120.55	1/2	1,085	1/2	2,049	1/2	3,014	1/2	3,978	1/2		1/2		1/2		1/2		1/2	
3/4	140.64	3/4	1,105	3/4	2,069	3/4	3,034	3/4	3,998	3/4		3/4		3/4		3/4		3/4	
2	160.74	2	1,125	2	2,090	2	3,054	2	4,018	2		2		2		2		2	
1/4	180.83	1/4	1,145	1/4	2,110	1/4	3,074	1/4	4,038	1/4		1/4		1/4		1/4		1/4	
1/2	200.92	1/2	1,165	1/2	2,130	1/2	3,094	1/2	4,059	1/2		1/2		1/2		1/2		1/2	
3/4	221.01	3/4	1,185	3/4	2,150	3/4	3,114	3/4	4,079	3/4		3/4		3/4		3/4		3/4	
3	241.10	3	1,206	3	2,170	3	3,134	3	4,099	3		3		3		3		3	
1/4	261.20	1/4	1,226	1/4	2,190	1/4	3,154	1/4	4,119	1/4		1/4		1/4		1/4		1/4	
1/2	281.29	1/2	1,246	1/2	2,210	1/2	3,175	1/2	4,139	1/2		1/2		1/2		1/2		1/2	
3/4	301.38	3/4	1,266	3/4	2,230	3/4	3,195	3/4	4,159	3/4		3/4		3/4		3/4		3/4	
4	321.47	4	1,286	4	2,250	4	3,215	4	4,179	4		4		4		4		4	
1/4	341.56	1/4	1,306	1/4	2,270	1/4	3,235	1/4	4,199	1/4		1/4		1/4		1/4		1/4	
1/2	361.66	1/2	1,326	1/2	2,290	1/2	3,255	1/2	4,219	1/2		1/2		1/2		1/2		1/2	
3/4	381.75	3/4	1,346	3/4	2,311	3/4	3,275	3/4	4,239	3/4		3/4		3/4		3/4		3/4	
5	401.84	5	1,366	5	2,331	5	3,295	5	4,260	5		5		5		5		5	
1/4	421.93	1/4	1,386	1/4	2,351	1/4	3,315	1/4	4,280	1/4		1/4		1/4		1/4		1/4	
1/2	442.02	1/2	1,406	1/2	2,371	1/2	3,335	1/2	4,300	1/2		1/2		1/2		1/2		1/2	
3/4	462.12	3/4	1,427	3/4	2,391	3/4	3,355	3/4	4,320	3/4		3/4		3/4		3/4		3/4	
6	482.21	6	1,447	6	2,411	6	3,375	6	=====	6		6		6		6		6	
1/4	502.30	1/4	1,467	1/4	2,431	1/4	3,396	1/4	=====	1/4		1/4		1/4		1/4		1/4	
1/2	522.39	1/2	1,487	1/2	2,451	1/2	3,416	1/2	=====	1/2		1/2		1/2		1/2		1/2	
3/4	542.48	3/4	1,507	3/4	2,471	3/4	3,436	3/4	=====	3/4		3/4		3/4		3/4		3/4	
7	562.58	7	1,527	7	2,491	7	3,456	7	=====	7		7		7		7		7	
1/4	582.67	1/4	1,547	1/4	2,512	1/4	3,476	1/4	=====	1/4		1/4		1/4		1/4		1/4	
1/2	602.76	1/2	1,567	1/2	2,532	1/2	3,496	1/2	=====	1/2		1/2		1/2		1/2		1/2	
3/4	622.85	3/4	1,587	3/4	2,552	3/4	3,516	3/4	=====	3/4		3/4		3/4		3/4		3/4	
8	642.94	8	1,607	8	2,572	8	3,536	8	=====	8		8		8		8		8	
1/4	663.04	1/4	1,627	1/4	2,592	1/4	3,556	1/4	=====	1/4		1/4		1/4		1/4		1/4	
1/2	683.13	1/2	1,648	1/2	2,612	1/2	3,576	1/2	=====	1/2		1/2		1/2		1/2		1/2	
3/4	703.22	3/4	1,668	3/4	2,632	3/4	3,596	3/4	=====	3/4		3/4		3/4		3/4		3/4	
9	723.31	9	1,688	9	2,652	9	3,617	9	=====	9		9		9		9		9	
1/4	743.40	1/4	1,708	1/4	2,672	1/4	3,637	1/4	=====	1/4		1/4		1/4		1/4		1/4	
1/2	763.50	1/2	1,728	1/2	2,692	1/2	3,657	1/2	=====	1/2		1/2		1/2		1/2		1/2	
3/4	783.59	3/4	1,748	3/4	2,712	3/4	3,677	3/4	=====	3/4		3/4		3/4		3/4		3/4	
10	803.68	10	1,768	10	2,733	10	3,697	10	=====	10		10		10		10		10	
1/4	823.77	1/4	1,788	1/4	2,753	1/4	3,717	1/4	=====	1/4		1/4		1/4		1/4		1/4	
1/2	843.86	1/2	1,808	1/2	2,773	1/2	3,737	1/2	=====	1/2		1/2		1/2		1/2		1/2	
3/4	863.96	3/4	1,828	3/4	2,793	3/4	3,757	3/4	=====	3/4		3/4		3/4		3/4		3/4	
11	884.05	11	1,848	11	2,813	11	3,777	11	=====	11		11		11		11		11	
1/4	904.14	1/4	1,869	1/4	2,833	1/4	3,797	1/4	=====	1/4		1/4		1/4		1/4		1/4	
1/2	924.23	1/2	1,889	1/2	2,853	1/2	3,817	1/2	=====	1/2		1/2		1/2		1/2		1/2	
3/4	944.32	3/4	1,909	3/4	2,873	3/4	3,838	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: 09/12/2023 JS - SW  
CALCULATED: 09/13/2023 CL  
PRINTED: 09/13/2023 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
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