



# BARGE "KIRBY 28715"

## INNAGE (2" STANDPIPE)

FORMERLY "SMI 30046"

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8
1 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8
2 PORT	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2
2 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2
3 PORT	- 00-3/4	00-3/4	- 01-5/8	01-5/8	- 02-3/8	02-3/8	- 03-1/8	03-1/8	- 03-7/8	03-7/8	- 04-3/4	04-3/4
3 STBD	- 00-3/4	00-3/4	- 01-5/8	01-5/8	- 02-3/8	02-3/8	- 03-1/8	03-1/8	- 03-7/8	03-7/8	- 04-3/4	04-3/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 235'-09"

May 1, 2023

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

<http://www.pmacorp.net>





# BARGE "KIRBY 28715"

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30046"

GAUGE HEIGHT 17'-04"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,520.45	0	3,878.47	0	4,236.49	0	4,593.69	0	4,947.74	0		0		0		0		0	
1/4	3,527.91	1/4	3,885.93	1/4	4,243.95	1/4	4,601.13	1/4	4,954.34	1/4		1/4		1/4		1/4		1/4	
1/2	3,535.37	1/2	3,893.39	1/2	4,251.40	1/2	4,608.57	1/2	4,960.94	1/2		1/2		1/2		1/2		1/2	
3/4	3,542.83	3/4	3,900.85	3/4	4,258.86	3/4	4,616.01	3/4	4,967.54	3/4		3/4		3/4		3/4		3/4	
1	3,550.29	1	3,908.30	1	4,266.32	1	4,623.43	1	4,973.08	1		1		1		1		1	
1/4	3,557.75	1/4	3,915.76	1/4	4,273.78	1/4	4,630.86	1/4	4,978.62	1/4		1/4		1/4		1/4		1/4	
1/2	3,565.20	1/2	3,923.22	1/2	4,281.24	1/2	4,638.29	1/2	4,984.15	1/2		1/2		1/2		1/2		1/2	
3/4	3,572.66	3/4	3,930.68	3/4	4,288.70	3/4	4,645.71	3/4	4,989.69	3/4		3/4		3/4		3/4		3/4	
2	3,580.12	2	3,938.14	2	4,296.15	2	4,653.11	2	4,994.16	2		2		2		2		2	
1/4	3,587.58	1/4	3,945.60	1/4	4,303.61	1/4	4,660.51	1/4	4,998.63	1/4		1/4		1/4		1/4		1/4	
1/2	3,595.04	1/2	3,953.06	1/2	4,311.07	1/2	4,667.90	1/2	5,003.10	1/2		1/2		1/2		1/2		1/2	
3/4	3,602.50	3/4	3,960.52	3/4	4,318.52	3/4	4,675.30	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,609.96	3	3,967.97	3	4,325.96	3	4,682.70	3		3		3		3		3		3	
1/4	3,617.41	1/4	3,975.43	1/4	4,333.40	1/4	4,690.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,624.87	1/2	3,982.89	1/2	4,340.83	1/2	4,697.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,632.33	3/4	3,990.35	3/4	4,348.27	3/4	4,704.89	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,639.79	4	3,997.81	4	4,355.71	4	4,712.29	4		4		4		4		4		4	
1/4	3,647.25	1/4	4,005.27	1/4	4,363.14	1/4	4,719.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,654.71	1/2	4,012.73	1/2	4,370.58	1/2	4,727.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,662.17	3/4	4,020.18	3/4	4,378.02	3/4	4,734.48	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,669.63	5	4,027.64	5	4,385.46	5	4,741.88	5		5		5		5		5		5	
1/4	3,677.08	1/4	4,035.10	1/4	4,392.89	1/4	4,749.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,684.54	1/2	4,042.56	1/2	4,400.33	1/2	4,756.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,692.00	3/4	4,050.02	3/4	4,407.77	3/4	4,764.07	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,699.46	6	4,057.48	6	4,415.20	6	4,771.47	6		6		6		6		6		6	
1/4	3,706.92	1/4	4,064.94	1/4	4,422.64	1/4	4,778.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,714.38	1/2	4,072.40	1/2	4,430.08	1/2	4,786.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,721.84	3/4	4,079.85	3/4	4,437.51	3/4	4,793.66	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,729.30	7	4,087.31	7	4,444.95	7	4,801.06	7		7		7		7		7		7	
1/4	3,736.75	1/4	4,094.77	1/4	4,452.39	1/4	4,808.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,744.21	1/2	4,102.23	1/2	4,459.83	1/2	4,815.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,751.67	3/4	4,109.69	3/4	4,467.26	3/4	4,823.25	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,759.13	8	4,117.15	8	4,474.70	8	4,830.65	8		8		8		8		8		8	
1/4	3,766.59	1/4	4,124.61	1/4	4,482.14	1/4	4,838.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,774.05	1/2	4,132.07	1/2	4,489.57	1/2	4,845.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,781.51	3/4	4,139.52	3/4	4,497.01	3/4	4,852.86	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,788.97	9	4,146.98	9	4,504.45	9	4,860.26	9		9		9		9		9		9	
1/4	3,796.42	1/4	4,154.44	1/4	4,511.89	1/4	4,867.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,803.88	1/2	4,161.90	1/2	4,519.32	1/2	4,875.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,811.34	3/4	4,169.36	3/4	4,526.76	3/4	4,882.46	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,818.80	10	4,176.82	10	4,534.20	10	4,889.87	10		10		10		10		10		10	
1/4	3,826.26	1/4	4,184.28	1/4	4,541.63	1/4	4,897.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,833.72	1/2	4,191.73	1/2	4,549.07	1/2	4,904.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,841.18	3/4	4,199.19	3/4	4,556.51	3/4	4,912.07	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,848.63	11	4,206.65	11	4,563.95	11	4,919.34	11		11		11		11		11		11	
1/4	3,856.09	1/4	4,214.11	1/4	4,571.38	1/4	4,926.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,863.55	1/2	4,221.57	1/2	4,578.82	1/2	4,933.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,871.01	3/4	4,229.03	3/4	4,586.26	3/4	4,941.14	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/07/2012 CL - SW  
RECALCULATED: 05/01/2023 SW  
NAME CHANGE: 05/01/2023 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2023

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "KIRBY 28715"

## 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30046"

GAUGE HEIGHT 17'-04 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	3,522.49	0	3,880.54	0	4,238.60	0	4,595.84	0	4,949.92	0		0		0		0		0	
1/4	3,529.95	1/4	3,888.00	1/4	4,246.06	1/4	4,603.28	1/4	4,956.52	1/4		1/4		1/4		1/4		1/4	
1/2	3,537.41	1/2	3,895.46	1/2	4,253.52	1/2	4,610.71	1/2	4,963.13	1/2		1/2		1/2		1/2		1/2	
3/4	3,544.86	3/4	3,902.92	3/4	4,260.98	3/4	4,618.15	3/4	4,969.73	3/4		3/4		3/4		3/4		3/4	
1	3,552.32	1	3,910.38	1	4,268.44	1	4,625.58	1	4,975.26	1		1		1		1		1	
1/4	3,559.78	1/4	3,917.84	1/4	4,275.90	1/4	4,633.01	1/4	4,980.80	1/4		1/4		1/4		1/4		1/4	
1/2	3,567.24	1/2	3,925.30	1/2	4,283.36	1/2	4,640.43	1/2	4,986.34	1/2		1/2		1/2		1/2		1/2	
3/4	3,574.70	3/4	3,932.76	3/4	4,290.81	3/4	4,647.86	3/4	4,991.87	3/4		3/4		3/4		3/4		3/4	
2	3,582.16	2	3,940.22	2	4,298.27	2	4,655.26	2	4,996.34	2		2		2		2		2	
1/4	3,589.62	1/4	3,947.68	1/4	4,305.73	1/4	4,662.66	1/4	5,000.81	1/4		1/4		1/4		1/4		1/4	
1/2	3,597.08	1/2	3,955.14	1/2	4,313.18	1/2	4,670.06	1/2	5,005.28	1/2		1/2		1/2		1/2		1/2	
3/4	3,604.54	3/4	3,962.60	3/4	4,320.64	3/4	4,677.45	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,612.00	3	3,970.06	3	4,328.07	3	4,684.85	3		3		3		3		3		3	
1/4	3,619.46	1/4	3,977.52	1/4	4,335.51	1/4	4,692.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,626.92	1/2	3,984.98	1/2	4,342.95	1/2	4,699.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,634.38	3/4	3,992.43	3/4	4,350.39	3/4	4,707.05	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,641.84	4	3,999.89	4	4,357.83	4	4,714.44	4		4		4		4		4		4	
1/4	3,649.30	1/4	4,007.35	1/4	4,365.26	1/4	4,721.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,656.76	1/2	4,014.81	1/2	4,372.70	1/2	4,729.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,664.22	3/4	4,022.27	3/4	4,380.14	3/4	4,736.64	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,671.68	5	4,029.73	5	4,387.58	5	4,744.04	5		5		5		5		5		5	
1/4	3,679.14	1/4	4,037.19	1/4	4,395.02	1/4	4,751.44	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,686.60	1/2	4,044.65	1/2	4,402.45	1/2	4,758.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,694.05	3/4	4,052.11	3/4	4,409.89	3/4	4,766.23	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,701.51	6	4,059.57	6	4,417.33	6	4,773.63	6		6		6		6		6		6	
1/4	3,708.97	1/4	4,067.03	1/4	4,424.77	1/4	4,781.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,716.43	1/2	4,074.49	1/2	4,432.21	1/2	4,788.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,723.89	3/4	4,081.95	3/4	4,439.64	3/4	4,795.82	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,731.35	7	4,089.41	7	4,447.08	7	4,803.22	7		7		7		7		7		7	
1/4	3,738.81	1/4	4,096.87	1/4	4,454.52	1/4	4,810.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,746.27	1/2	4,104.33	1/2	4,461.96	1/2	4,818.02	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,753.73	3/4	4,111.79	3/4	4,469.39	3/4	4,825.42	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,761.19	8	4,119.25	8	4,476.83	8	4,832.82	8		8		8		8		8		8	
1/4	3,768.65	1/4	4,126.71	1/4	4,484.27	1/4	4,840.23	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,776.11	1/2	4,134.17	1/2	4,491.71	1/2	4,847.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,783.57	3/4	4,141.62	3/4	4,499.15	3/4	4,855.03	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,791.03	9	4,149.08	9	4,506.58	9	4,862.43	9		9		9		9		9		9	
1/4	3,798.49	1/4	4,156.54	1/4	4,514.02	1/4	4,869.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,805.95	1/2	4,164.00	1/2	4,521.46	1/2	4,877.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,813.41	3/4	4,171.46	3/4	4,528.90	3/4	4,884.64	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,820.87	10	4,178.92	10	4,536.34	10	4,892.04	10		10		10		10		10		10	
1/4	3,828.33	1/4	4,186.38	1/4	4,543.77	1/4	4,899.44	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,835.79	1/2	4,193.84	1/2	4,551.21	1/2	4,906.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,843.24	3/4	4,201.30	3/4	4,558.65	3/4	4,914.25	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,850.70	11	4,208.76	11	4,566.09	11	4,921.52	11		11		11		11		11		11	
1/4	3,858.16	1/4	4,216.22	1/4	4,573.53	1/4	4,928.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,865.62	1/2	4,223.68	1/2	4,580.96	1/2	4,936.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,873.08	3/4	4,231.14	3/4	4,588.40	3/4	4,943.32	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/07/2012 CL - SW  
RECALCULATED: 05/01/2023 SW  
NAME CHANGE: 05/01/2023 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2023

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



BARGE "KIRBY 28715"

2 PORT  
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30046"

GAUGE HEIGHT 17'-03 3/4"

Table with 18 columns (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.) and multiple rows of capacity data.

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 INNAGE GAUGES TAKEN TO TOP LIP OF 2" STANDPIPE. GAUGE POINT: (2" STANDPIPE) LOCATED 12'-09" 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 28715"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30046"

GAUGE HEIGHT 17'-03 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,580.96	0	3,939.89	0	4,298.83	0	4,656.93	0	5,011.89	0		0		0		0		0	
1/4	3,588.44	1/4	3,947.37	1/4	4,306.31	1/4	4,664.39	1/4	5,018.50	1/4		1/4		1/4		1/4		1/4	
1/2	3,595.92	1/2	3,954.85	1/2	4,313.78	1/2	4,671.85	1/2	5,025.12	1/2		1/2		1/2		1/2		1/2	
3/4	3,603.39	3/4	3,962.33	3/4	4,321.26	3/4	4,679.30	3/4	5,031.74	3/4		3/4		3/4		3/4		3/4	
1	3,610.87	1	3,969.81	1	4,328.74	1	4,686.75	1	5,037.29	1		1		1		1		1	
1/4	3,618.35	1/4	3,977.28	1/4	4,336.22	1/4	4,694.19	1/4	5,042.84	1/4		1/4		1/4		1/4		1/4	
1/2	3,625.83	1/2	3,984.76	1/2	4,343.70	1/2	4,701.64	1/2	5,048.39	1/2		1/2		1/2		1/2		1/2	
3/4	3,633.30	3/4	3,992.24	3/4	4,351.17	3/4	4,709.08	3/4	5,053.94	3/4		3/4		3/4		3/4		3/4	
2	3,640.78	2	3,999.72	2	4,358.64	2	4,716.50	2	5,058.42	2		2		2		2		2	
1/4	3,648.26	1/4	4,007.19	1/4	4,366.12	1/4	4,723.92	1/4	5,062.90	1/4		1/4		1/4		1/4		1/4	
1/2	3,655.74	1/2	4,014.67	1/2	4,373.59	1/2	4,731.33	1/2	5,067.38	1/2		1/2		1/2		1/2		1/2	
3/4	3,663.22	3/4	4,022.15	3/4	4,381.06	3/4	4,738.75	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,670.69	3	4,029.63	3	4,388.51	3	4,746.17	3		3		3		3		3		3	
1/4	3,678.17	1/4	4,037.11	1/4	4,395.97	1/4	4,753.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,685.65	1/2	4,044.58	1/2	4,403.43	1/2	4,761.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,693.13	3/4	4,052.06	3/4	4,410.88	3/4	4,768.42	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,700.60	4	4,059.54	4	4,418.34	4	4,775.83	4		4		4		4		4		4	
1/4	3,708.08	1/4	4,067.02	1/4	4,425.79	1/4	4,783.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,715.56	1/2	4,074.49	1/2	4,433.25	1/2	4,790.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,723.04	3/4	4,081.97	3/4	4,440.71	3/4	4,798.08	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,730.52	5	4,089.45	5	4,448.16	5	4,805.50	5		5		5		5		5		5	
1/4	3,737.99	1/4	4,096.93	1/4	4,455.62	1/4	4,812.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,745.47	1/2	4,104.41	1/2	4,463.08	1/2	4,820.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,752.95	3/4	4,111.88	3/4	4,470.53	3/4	4,827.75	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,760.43	6	4,119.36	6	4,477.99	6	4,835.16	6		6		6		6		6		6	
1/4	3,767.90	1/4	4,126.84	1/4	4,485.44	1/4	4,842.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,775.38	1/2	4,134.32	1/2	4,492.90	1/2	4,849.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,782.86	3/4	4,141.79	3/4	4,500.36	3/4	4,857.41	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,790.34	7	4,149.27	7	4,507.81	7	4,864.83	7		7		7		7		7		7	
1/4	3,797.82	1/4	4,156.75	1/4	4,515.27	1/4	4,872.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,805.29	1/2	4,164.23	1/2	4,522.72	1/2	4,879.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,812.77	3/4	4,171.71	3/4	4,530.18	3/4	4,887.08	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,820.25	8	4,179.18	8	4,537.64	8	4,894.50	8		8		8		8		8		8	
1/4	3,827.73	1/4	4,186.66	1/4	4,545.09	1/4	4,901.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,835.21	1/2	4,194.14	1/2	4,552.55	1/2	4,909.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,842.68	3/4	4,201.62	3/4	4,560.00	3/4	4,916.76	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,850.16	9	4,209.10	9	4,567.46	9	4,924.18	9		9		9		9		9		9	
1/4	3,857.64	1/4	4,216.57	1/4	4,574.92	1/4	4,931.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,865.12	1/2	4,224.05	1/2	4,582.37	1/2	4,939.02	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,872.59	3/4	4,231.53	3/4	4,589.83	3/4	4,946.44	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,880.07	10	4,239.01	10	4,597.29	10	4,953.86	10		10		10		10		10		10	
1/4	3,887.55	1/4	4,246.48	1/4	4,604.74	1/4	4,961.28	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,895.03	1/2	4,253.96	1/2	4,612.20	1/2	4,968.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,902.51	3/4	4,261.44	3/4	4,619.65	3/4	4,976.12	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,909.98	11	4,268.92	11	4,627.11	11	4,983.41	11		11		11		11		11		11	
1/4	3,917.46	1/4	4,276.40	1/4	4,634.57	1/4	4,990.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,924.94	1/2	4,283.87	1/2	4,642.02	1/2	4,997.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,932.42	3/4	4,291.35	3/4	4,649.48	3/4	5,005.27	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/07/2012 CL - SW  
RECALCULATED: 05/01/2023 SW  
NAME CHANGE: 05/01/2023 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2023

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







# BARGE "KIRBY 28715"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30046"

GAUGE HEIGHT 17'-04"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,595.74	0	3,954.76	0	4,313.78	0	4,671.97	0	5,027.02	0		0		0		0		0	
1/4	3,603.22	1/4	3,962.24	1/4	4,321.26	1/4	4,679.43	1/4	5,033.64	1/4		1/4		1/4		1/4		1/4	
1/2	3,610.70	1/2	3,969.72	1/2	4,328.74	1/2	4,686.89	1/2	5,040.26	1/2		1/2		1/2		1/2		1/2	
3/4	3,618.18	3/4	3,977.20	3/4	4,336.22	3/4	4,694.35	3/4	5,046.88	3/4		3/4		3/4		3/4		3/4	
1	3,625.66	1	3,984.68	1	4,343.70	1	4,701.79	1	5,052.43	1		1		1		1		1	
1/4	3,633.14	1/4	3,992.16	1/4	4,351.18	1/4	4,709.24	1/4	5,057.98	1/4		1/4		1/4		1/4		1/4	
1/2	3,640.62	1/2	3,999.64	1/2	4,358.66	1/2	4,716.69	1/2	5,063.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,648.10	3/4	4,007.12	3/4	4,366.14	3/4	4,724.14	3/4	5,069.08	3/4		3/4		3/4		3/4		3/4	
2	3,655.58	2	4,014.60	2	4,373.61	2	4,731.56	2	5,073.56	2		2		2		2		2	
1/4	3,663.06	1/4	4,022.08	1/4	4,381.08	1/4	4,738.97	1/4	5,078.05	1/4		1/4		1/4		1/4		1/4	
1/2	3,670.54	1/2	4,029.56	1/2	4,388.56	1/2	4,746.39	1/2	5,082.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,678.02	3/4	4,037.04	3/4	4,396.03	3/4	4,753.81	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,685.49	3	4,044.52	3	4,403.49	3	4,761.23	3		3		3		3		3		3	
1/4	3,692.97	1/4	4,052.00	1/4	4,410.95	1/4	4,768.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,700.45	1/2	4,059.47	1/2	4,418.40	1/2	4,776.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,707.93	3/4	4,066.95	3/4	4,425.86	3/4	4,783.48	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,715.41	4	4,074.43	4	4,433.32	4	4,790.90	4		4		4		4		4		4	
1/4	3,722.89	1/4	4,081.91	1/4	4,440.78	1/4	4,798.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,730.37	1/2	4,089.39	1/2	4,448.24	1/2	4,805.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,737.85	3/4	4,096.87	3/4	4,455.69	3/4	4,813.15	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,745.33	5	4,104.35	5	4,463.15	5	4,820.57	5		5		5		5		5		5	
1/4	3,752.81	1/4	4,111.83	1/4	4,470.61	1/4	4,827.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,760.29	1/2	4,119.31	1/2	4,478.07	1/2	4,835.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,767.77	3/4	4,126.79	3/4	4,485.53	3/4	4,842.83	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,775.25	6	4,134.27	6	4,492.98	6	4,850.24	6		6		6		6		6		6	
1/4	3,782.73	1/4	4,141.75	1/4	4,500.44	1/4	4,857.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,790.21	1/2	4,149.23	1/2	4,507.90	1/2	4,865.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,797.69	3/4	4,156.71	3/4	4,515.36	3/4	4,872.50	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,805.17	7	4,164.19	7	4,522.82	7	4,879.92	7		7		7		7		7		7	
1/4	3,812.65	1/4	4,171.67	1/4	4,530.27	1/4	4,887.34	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,820.13	1/2	4,179.15	1/2	4,537.73	1/2	4,894.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,827.61	3/4	4,186.63	3/4	4,545.19	3/4	4,902.18	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,835.09	8	4,194.11	8	4,552.65	8	4,909.60	8		8		8		8		8		8	
1/4	3,842.57	1/4	4,201.59	1/4	4,560.10	1/4	4,917.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,850.05	1/2	4,209.07	1/2	4,567.56	1/2	4,924.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,857.53	3/4	4,216.55	3/4	4,575.02	3/4	4,931.86	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,865.01	9	4,224.03	9	4,582.48	9	4,939.29	9		9		9		9		9		9	
1/4	3,872.48	1/4	4,231.51	1/4	4,589.94	1/4	4,946.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,879.96	1/2	4,238.99	1/2	4,597.39	1/2	4,954.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,887.44	3/4	4,246.46	3/4	4,604.85	3/4	4,961.55	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,894.92	10	4,253.94	10	4,612.31	10	4,968.98	10		10		10		10		10		10	
1/4	3,902.40	1/4	4,261.42	1/4	4,619.77	1/4	4,976.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,909.88	1/2	4,268.90	1/2	4,627.23	1/2	4,983.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,917.36	3/4	4,276.38	3/4	4,634.68	3/4	4,991.24	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,924.84	11	4,283.86	11	4,642.14	11	4,998.53	11		11		11		11		11		11	
1/4	3,932.32	1/4	4,291.34	1/4	4,649.60	1/4	5,005.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,939.80	1/2	4,298.82	1/2	4,657.06	1/2	5,013.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,947.28	3/4	4,306.30	3/4	4,664.52	3/4	5,020.40	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/07/2012 CL - SW  
RECALCULATED: 05/01/2023 SW  
NAME CHANGE: 05/01/2023 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2023

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





# BARGE "KIRBY 28715"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30046"

GAUGE HEIGHT 17'-04 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,558.65	0	3,705.51	0	3,842.01	0	3,977.96	0	4,111.33	0		0		0		0		0	
1/4	3,564.95	1/4	3,708.36	1/4	3,844.85	1/4	3,980.79	1/4	4,113.34	1/4		1/4		1/4		1/4		1/4	
1/2	3,571.25	1/2	3,711.20	1/2	3,847.70	1/2	3,983.62	1/2	4,115.34	1/2		1/2		1/2		1/2		1/2	
3/4	3,577.55	3/4	3,714.04	3/4	3,850.54	3/4	3,986.45	3/4	4,117.35	3/4		3/4		3/4		3/4		3/4	
1	3,580.39	1	3,716.89	1	3,853.38	1	3,989.27	1	4,118.29	1		1		1		1		1	
1/4	3,583.23	1/4	3,719.73	1/4	3,856.23	1/4	3,992.09	1/4	4,119.23	1/4		1/4		1/4		1/4		1/4	
1/2	3,586.08	1/2	3,722.57	1/2	3,859.07	1/2	3,994.92	1/2	4,120.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,588.92	3/4	3,725.42	3/4	3,861.91	3/4	3,997.74	3/4	4,121.11	3/4		3/4		3/4		3/4		3/4	
2	3,591.76	2	3,728.26	2	3,864.76	2	4,000.54	2	4,121.23	2		2		2		2		2	
1/4	3,594.61	1/4	3,731.10	1/4	3,867.60	1/4	4,003.34	1/4	4,121.36	1/4		1/4		1/4		1/4		1/4	
1/2	3,597.45	1/2	3,733.95	1/2	3,870.44	1/2	4,006.14	1/2	4,121.48	1/2		1/2		1/2		1/2		1/2	
3/4	3,600.29	3/4	3,736.79	3/4	3,873.28	3/4	4,008.95	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,603.14	3	3,739.64	3	3,876.11	3	4,011.75	3		3		3		3		3		3	
1/4	3,605.98	1/4	3,742.48	1/4	3,878.94	1/4	4,014.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,608.83	1/2	3,745.32	1/2	3,881.77	1/2	4,017.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,611.67	3/4	3,748.17	3/4	3,884.59	3/4	4,020.15	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,614.51	4	3,751.01	4	3,887.42	4	4,022.96	4		4		4		4		4		4	
1/4	3,617.36	1/4	3,753.85	1/4	3,890.25	1/4	4,025.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,620.20	1/2	3,756.70	1/2	3,893.08	1/2	4,028.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,623.04	3/4	3,759.54	3/4	3,895.91	3/4	4,031.36	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,625.89	5	3,762.39	5	3,898.74	5	4,034.16	5		5		5		5		5		5	
1/4	3,628.73	1/4	3,765.23	1/4	3,901.57	1/4	4,036.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,631.58	1/2	3,768.07	1/2	3,904.40	1/2	4,039.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,634.42	3/4	3,770.92	3/4	3,907.23	3/4	4,042.57	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,637.26	6	3,773.76	6	3,910.06	6	4,045.37	6		6		6		6		6		6	
1/4	3,640.11	1/4	3,776.60	1/4	3,912.89	1/4	4,048.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,642.95	1/2	3,779.45	1/2	3,915.72	1/2	4,050.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,645.79	3/4	3,782.29	3/4	3,918.55	3/4	4,053.78	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,648.64	7	3,785.14	7	3,921.37	7	4,056.58	7		7		7		7		7		7	
1/4	3,651.48	1/4	3,787.98	1/4	3,924.20	1/4	4,059.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,654.32	1/2	3,790.82	1/2	3,927.03	1/2	4,062.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,657.17	3/4	3,793.67	3/4	3,929.86	3/4	4,064.99	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,660.01	8	3,796.51	8	3,932.69	8	4,067.79	8		8		8		8		8		8	
1/4	3,662.86	1/4	3,799.35	1/4	3,935.52	1/4	4,070.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,665.70	1/2	3,802.20	1/2	3,938.35	1/2	4,073.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,668.54	3/4	3,805.04	3/4	3,941.18	3/4	4,076.20	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,671.39	9	3,807.88	9	3,944.01	9	4,079.01	9		9		9		9		9		9	
1/4	3,674.23	1/4	3,810.73	1/4	3,946.84	1/4	4,081.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,677.07	1/2	3,813.57	1/2	3,949.67	1/2	4,084.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,679.92	3/4	3,816.42	3/4	3,952.50	3/4	4,087.42	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,682.76	10	3,819.26	10	3,955.32	10	4,090.23	10		10		10		10		10		10	
1/4	3,685.61	1/4	3,822.10	1/4	3,958.15	1/4	4,093.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,688.45	1/2	3,824.95	1/2	3,960.98	1/2	4,095.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,691.29	3/4	3,827.79	3/4	3,963.81	3/4	4,098.64	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,694.14	11	3,830.63	11	3,966.64	11	4,101.31	11		11		11		11		11		11	
1/4	3,696.98	1/4	3,833.48	1/4	3,969.47	1/4	4,103.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,699.82	1/2	3,836.32	1/2	3,972.30	1/2	4,106.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,702.67	3/4	3,839.17	3/4	3,975.13	3/4	4,109.33	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/07/2012 CL - SW  
RECALCULATED: 05/01/2023 SW  
NAME CHANGE: 05/01/2023 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2023

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





# BARGE "KIRBY 28715"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30046"

GAUGE HEIGHT 17'-03 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,578.91	0	3,725.67	0	3,862.07	0	3,997.91	0	4,131.18	0		0		0		0		0	
1/4	3,585.21	1/4	3,728.51	1/4	3,864.91	1/4	4,000.74	1/4	4,133.19	1/4		1/4		1/4		1/4		1/4	
1/2	3,591.50	1/2	3,731.36	1/2	3,867.75	1/2	4,003.57	1/2	4,135.19	1/2		1/2		1/2		1/2		1/2	
3/4	3,597.80	3/4	3,734.20	3/4	3,870.59	3/4	4,006.39	3/4	4,137.20	3/4		3/4		3/4		3/4		3/4	
1	3,600.64	1	3,737.04	1	3,873.44	1	4,009.21	1	4,138.14	1		1		1		1		1	
1/4	3,603.48	1/4	3,739.88	1/4	3,876.28	1/4	4,012.03	1/4	4,139.08	1/4		1/4		1/4		1/4		1/4	
1/2	3,606.33	1/2	3,742.72	1/2	3,879.12	1/2	4,014.85	1/2	4,140.02	1/2		1/2		1/2		1/2		1/2	
3/4	3,609.17	3/4	3,745.56	3/4	3,881.96	3/4	4,017.67	3/4	4,140.95	3/4		3/4		3/4		3/4		3/4	
2	3,612.01	2	3,748.41	2	3,884.80	2	4,020.47	2	4,141.08	2		2		2		2		2	
1/4	3,614.85	1/4	3,751.25	1/4	3,887.63	1/4	4,023.27	1/4	4,141.20	1/4		1/4		1/4		1/4		1/4	
1/2	3,617.69	1/2	3,754.09	1/2	3,890.47	1/2	4,026.07	1/2	4,141.32	1/2		1/2		1/2		1/2		1/2	
3/4	3,620.53	3/4	3,756.93	3/4	3,893.31	3/4	4,028.87	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,623.37	3	3,759.77	3	3,896.14	3	4,031.67	3		3		3		3		3		3	
1/4	3,626.22	1/4	3,762.61	1/4	3,898.96	1/4	4,034.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,629.06	1/2	3,765.45	1/2	3,901.79	1/2	4,037.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,631.90	3/4	3,768.30	3/4	3,904.62	3/4	4,040.07	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,634.74	4	3,771.14	4	3,907.44	4	4,042.87	4		4		4		4		4		4	
1/4	3,637.58	1/4	3,773.98	1/4	3,910.27	1/4	4,045.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,640.42	1/2	3,776.82	1/2	3,913.10	1/2	4,048.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,643.27	3/4	3,779.66	3/4	3,915.93	3/4	4,051.27	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,646.11	5	3,782.50	5	3,918.75	5	4,054.07	5		5		5		5		5		5	
1/4	3,648.95	1/4	3,785.35	1/4	3,921.58	1/4	4,056.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,651.79	1/2	3,788.19	1/2	3,924.41	1/2	4,059.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,654.63	3/4	3,791.03	3/4	3,927.23	3/4	4,062.47	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,657.47	6	3,793.87	6	3,930.06	6	4,065.27	6		6		6		6		6		6	
1/4	3,660.32	1/4	3,796.71	1/4	3,932.89	1/4	4,068.07	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,663.16	1/2	3,799.55	1/2	3,935.72	1/2	4,070.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,666.00	3/4	3,802.40	3/4	3,938.54	3/4	4,073.67	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,668.84	7	3,805.24	7	3,941.37	7	4,076.47	7		7		7		7		7		7	
1/4	3,671.68	1/4	3,808.08	1/4	3,944.20	1/4	4,079.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,674.52	1/2	3,810.92	1/2	3,947.02	1/2	4,082.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,677.37	3/4	3,813.76	3/4	3,949.85	3/4	4,084.87	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,680.21	8	3,816.60	8	3,952.68	8	4,087.67	8		8		8		8		8		8	
1/4	3,683.05	1/4	3,819.45	1/4	3,955.51	1/4	4,090.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,685.89	1/2	3,822.29	1/2	3,958.33	1/2	4,093.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,688.73	3/4	3,825.13	3/4	3,961.16	3/4	4,096.08	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,691.57	9	3,827.97	9	3,963.99	9	4,098.88	9		9		9		9		9		9	
1/4	3,694.41	1/4	3,830.81	1/4	3,966.81	1/4	4,101.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,697.26	1/2	3,833.65	1/2	3,969.64	1/2	4,104.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,700.10	3/4	3,836.49	3/4	3,972.47	3/4	4,107.29	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,702.94	10	3,839.34	10	3,975.30	10	4,110.09	10		10		10		10		10		10	
1/4	3,705.78	1/4	3,842.18	1/4	3,978.12	1/4	4,112.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,708.62	1/2	3,845.02	1/2	3,980.95	1/2	4,115.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,711.46	3/4	3,847.86	3/4	3,983.78	3/4	4,118.50	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,714.31	11	3,850.70	11	3,986.60	11	4,121.17	11		11		11		11		11		11	
1/4	3,717.15	1/4	3,853.54	1/4	3,989.43	1/4	4,123.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,719.99	1/2	3,856.39	1/2	3,992.26	1/2	4,126.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,722.83	3/4	3,859.23	3/4	3,995.09	3/4	4,129.18	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/07/2012 CL - SW  
RECALCULATED: 05/01/2023 SW  
NAME CHANGE: 05/01/2023 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2023

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



# BARGE "KIRBY 28715"

## PORT FUEL 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	0	1,174	0	2,349	0	3,523	0	4,698	0	5,872	0	7,046.35	0		0		0	
1/4	24	1/4	1,199	1/4	2,373	1/4	3,548	1/4	4,722	1/4	5,896	1/4	7,070.82	1/4		1/4		1/4	
1/2	49	1/2	1,223	1/2	2,398	1/2	3,572	1/2	4,747	1/2	5,921	1/2	7,095.29	1/2		1/2		1/2	
3/4	73	3/4	1,248	3/4	2,422	3/4	3,597	3/4	4,771	3/4	5,945	3/4	7,119.75	3/4		3/4		3/4	
1	98	1	1,272	1	2,447	1	3,621	1	4,795	1	5,970	1	7,144.22	1		1		1	
1/4	122	1/4	1,297	1/4	2,471	1/4	3,646	1/4	4,820	1/4	5,994	1/4	7,168.68	1/4		1/4		1/4	
1/2	147	1/2	1,321	1/2	2,496	1/2	3,670	1/2	4,844	1/2	6,019	1/2	7,193.15	1/2		1/2		1/2	
3/4	171	3/4	1,346	3/4	2,520	3/4	3,694	3/4	4,869	3/4	6,043	3/4	7,217.62	3/4		3/4		3/4	
2	196	2	1,370	2	2,545	2	3,719	2	4,893	2	6,068	2	7,242.08	2		2		2	
1/4	220	1/4	1,395	1/4	2,569	1/4	3,743	1/4	4,918	1/4	6,092	1/4	7,266.54	1/4		1/4		1/4	
1/2	245	1/2	1,419	1/2	2,593	1/2	3,768	1/2	4,942	1/2	6,117	1/2	7,291.00	1/2		1/2		1/2	
3/4	269	3/4	1,444	3/4	2,618	3/4	3,792	3/4	4,967	3/4	6,141	3/4		3/4		3/4		3/4	
3	294	3	1,468	3	2,642	3	3,817	3	4,991	3	6,166	3		3		3		3	
1/4	318	1/4	1,492	1/4	2,667	1/4	3,841	1/4	5,016	1/4	6,190	1/4		1/4		1/4		1/4	
1/2	343	1/2	1,517	1/2	2,691	1/2	3,866	1/2	5,040	1/2	6,214	1/2		1/2		1/2		1/2	
3/4	367	3/4	1,541	3/4	2,716	3/4	3,890	3/4	5,065	3/4	6,239	3/4		3/4		3/4		3/4	
4	391	4	1,566	4	2,740	4	3,915	4	5,089	4	6,263	4		4		4		4	
1/4	416	1/4	1,590	1/4	2,765	1/4	3,939	1/4	5,113	1/4	6,288	1/4		1/4		1/4		1/4	
1/2	440	1/2	1,615	1/2	2,789	1/2	3,964	1/2	5,138	1/2	6,312	1/2		1/2		1/2		1/2	
3/4	465	3/4	1,639	3/4	2,814	3/4	3,988	3/4	5,162	3/4	6,337	3/4		3/4		3/4		3/4	
5	489	5	1,664	5	2,838	5	4,013	5	5,187	5	6,361	5		5		5		5	
1/4	514	1/4	1,688	1/4	2,863	1/4	4,037	1/4	5,211	1/4	6,386	1/4		1/4		1/4		1/4	
1/2	538	1/2	1,713	1/2	2,887	1/2	4,061	1/2	5,236	1/2	6,410	1/2		1/2		1/2		1/2	
3/4	563	3/4	1,737	3/4	2,912	3/4	4,086	3/4	5,260	3/4	6,435	3/4		3/4		3/4		3/4	
6	587	6	1,762	6	2,936	6	4,110	6	5,285	6	6,459	6		6		6		6	
1/4	612	1/4	1,786	1/4	2,960	1/4	4,135	1/4	5,309	1/4	6,484	1/4		1/4		1/4		1/4	
1/2	636	1/2	1,811	1/2	2,985	1/2	4,159	1/2	5,334	1/2	6,508	1/2		1/2		1/2		1/2	
3/4	661	3/4	1,835	3/4	3,009	3/4	4,184	3/4	5,358	3/4	6,533	3/4		3/4		3/4		3/4	
7	685	7	1,859	7	3,034	7	4,208	7	5,383	7	6,557	7		7		7		7	
1/4	710	1/4	1,884	1/4	3,058	1/4	4,233	1/4	5,407	1/4	6,581	1/4		1/4		1/4		1/4	
1/2	734	1/2	1,908	1/2	3,083	1/2	4,257	1/2	5,432	1/2	6,606	1/2		1/2		1/2		1/2	
3/4	758	3/4	1,933	3/4	3,107	3/4	4,282	3/4	5,456	3/4	6,630	3/4		3/4		3/4		3/4	
8	783	8	1,957	8	3,132	8	4,306	8	5,480	8	6,655	8		8		8		8	
1/4	807	1/4	1,982	1/4	3,156	1/4	4,331	1/4	5,505	1/4	6,679	1/4		1/4		1/4		1/4	
1/2	832	1/2	2,006	1/2	3,181	1/2	4,355	1/2	5,529	1/2	6,704	1/2		1/2		1/2		1/2	
3/4	856	3/4	2,031	3/4	3,205	3/4	4,380	3/4	5,554	3/4	6,728	3/4		3/4		3/4		3/4	
9	881	9	2,055	9	3,230	9	4,404	9	5,578	9	6,753	9		9		9		9	
1/4	905	1/4	2,080	1/4	3,254	1/4	4,428	1/4	5,603	1/4	6,777	1/4		1/4		1/4		1/4	
1/2	930	1/2	2,104	1/2	3,279	1/2	4,453	1/2	5,627	1/2	6,802	1/2		1/2		1/2		1/2	
3/4	954	3/4	2,129	3/4	3,303	3/4	4,477	3/4	5,652	3/4	6,826	3/4		3/4		3/4		3/4	
10	979	10	2,153	10	3,327	10	4,502	10	5,676	10	6,851	10		10		10		10	
1/4	1,003	1/4	2,178	1/4	3,352	1/4	4,526	1/4	5,701	1/4	6,875	1/4		1/4		1/4		1/4	
1/2	1,028	1/2	2,202	1/2	3,376	1/2	4,551	1/2	5,725	1/2	6,900	1/2		1/2		1/2		1/2	
3/4	1,052	3/4	2,226	3/4	3,401	3/4	4,575	3/4	5,750	3/4	6,924	3/4		3/4		3/4		3/4	
11	1,077	11	2,251	11	3,425	11	4,600	11	5,774	11	6,948	11		11		11		11	
1/4	1,101	1/4	2,275	1/4	3,450	1/4	4,624	1/4	5,799	1/4	6,973	1/4		1/4		1/4		1/4	
1/2	1,125	1/2	2,300	1/2	3,474	1/2	4,649	1/2	5,823	1/2	6,997	1/2		1/2		1/2		1/2	
3/4	1,150	3/4	2,324	3/4	3,499	3/4	4,673	3/4	5,847	3/4	7,022	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.

STRAPPED: 05/03/2023 JS  
 CALCULATED: 05/03/2023 CL  
 ISSUED: 05/03/2023 CL

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 05/2023

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 28715"

## STBD FUEL 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	0	1,174	0	2,349	0	3,523	0	4,698	0	5,872	0	7,046.35	0		0		0	
1/4	24	1/4	1,199	1/4	2,373	1/4	3,548	1/4	4,722	1/4	5,896	1/4	7,070.82	1/4		1/4		1/4	
1/2	49	1/2	1,223	1/2	2,398	1/2	3,572	1/2	4,747	1/2	5,921	1/2	7,095.29	1/2		1/2		1/2	
3/4	73	3/4	1,248	3/4	2,422	3/4	3,597	3/4	4,771	3/4	5,945	3/4	7,119.75	3/4		3/4		3/4	
1	98	1	1,272	1	2,447	1	3,621	1	4,795	1	5,970	1	7,144.22	1		1		1	
1/4	122	1/4	1,297	1/4	2,471	1/4	3,646	1/4	4,820	1/4	5,994	1/4	7,168.68	1/4		1/4		1/4	
1/2	147	1/2	1,321	1/2	2,496	1/2	3,670	1/2	4,844	1/2	6,019	1/2	7,193.15	1/2		1/2		1/2	
3/4	171	3/4	1,346	3/4	2,520	3/4	3,694	3/4	4,869	3/4	6,043	3/4	7,217.62	3/4		3/4		3/4	
2	196	2	1,370	2	2,545	2	3,719	2	4,893	2	6,068	2	7,242.08	2		2		2	
1/4	220	1/4	1,395	1/4	2,569	1/4	3,743	1/4	4,918	1/4	6,092	1/4	7,266.54	1/4		1/4		1/4	
1/2	245	1/2	1,419	1/2	2,593	1/2	3,768	1/2	4,942	1/2	6,117	1/2	7,291.00	1/2		1/2		1/2	
3/4	269	3/4	1,444	3/4	2,618	3/4	3,792	3/4	4,967	3/4	6,141	3/4		3/4		3/4		3/4	
3	294	3	1,468	3	2,642	3	3,817	3	4,991	3	6,166	3		3		3		3	
1/4	318	1/4	1,492	1/4	2,667	1/4	3,841	1/4	5,016	1/4	6,190	1/4		1/4		1/4		1/4	
1/2	343	1/2	1,517	1/2	2,691	1/2	3,866	1/2	5,040	1/2	6,214	1/2		1/2		1/2		1/2	
3/4	367	3/4	1,541	3/4	2,716	3/4	3,890	3/4	5,065	3/4	6,239	3/4		3/4		3/4		3/4	
4	391	4	1,566	4	2,740	4	3,915	4	5,089	4	6,263	4		4		4		4	
1/4	416	1/4	1,590	1/4	2,765	1/4	3,939	1/4	5,113	1/4	6,288	1/4		1/4		1/4		1/4	
1/2	440	1/2	1,615	1/2	2,789	1/2	3,964	1/2	5,138	1/2	6,312	1/2		1/2		1/2		1/2	
3/4	465	3/4	1,639	3/4	2,814	3/4	3,988	3/4	5,162	3/4	6,337	3/4		3/4		3/4		3/4	
5	489	5	1,664	5	2,838	5	4,013	5	5,187	5	6,361	5		5		5		5	
1/4	514	1/4	1,688	1/4	2,863	1/4	4,037	1/4	5,211	1/4	6,386	1/4		1/4		1/4		1/4	
1/2	538	1/2	1,713	1/2	2,887	1/2	4,061	1/2	5,236	1/2	6,410	1/2		1/2		1/2		1/2	
3/4	563	3/4	1,737	3/4	2,912	3/4	4,086	3/4	5,260	3/4	6,435	3/4		3/4		3/4		3/4	
6	587	6	1,762	6	2,936	6	4,110	6	5,285	6	6,459	6		6		6		6	
1/4	612	1/4	1,786	1/4	2,960	1/4	4,135	1/4	5,309	1/4	6,484	1/4		1/4		1/4		1/4	
1/2	636	1/2	1,811	1/2	2,985	1/2	4,159	1/2	5,334	1/2	6,508	1/2		1/2		1/2		1/2	
3/4	661	3/4	1,835	3/4	3,009	3/4	4,184	3/4	5,358	3/4	6,533	3/4		3/4		3/4		3/4	
7	685	7	1,859	7	3,034	7	4,208	7	5,383	7	6,557	7		7		7		7	
1/4	710	1/4	1,884	1/4	3,058	1/4	4,233	1/4	5,407	1/4	6,581	1/4		1/4		1/4		1/4	
1/2	734	1/2	1,908	1/2	3,083	1/2	4,257	1/2	5,432	1/2	6,606	1/2		1/2		1/2		1/2	
3/4	758	3/4	1,933	3/4	3,107	3/4	4,282	3/4	5,456	3/4	6,630	3/4		3/4		3/4		3/4	
8	783	8	1,957	8	3,132	8	4,306	8	5,480	8	6,655	8		8		8		8	
1/4	807	1/4	1,982	1/4	3,156	1/4	4,331	1/4	5,505	1/4	6,679	1/4		1/4		1/4		1/4	
1/2	832	1/2	2,006	1/2	3,181	1/2	4,355	1/2	5,529	1/2	6,704	1/2		1/2		1/2		1/2	
3/4	856	3/4	2,031	3/4	3,205	3/4	4,380	3/4	5,554	3/4	6,728	3/4		3/4		3/4		3/4	
9	881	9	2,055	9	3,230	9	4,404	9	5,578	9	6,753	9		9		9		9	
1/4	905	1/4	2,080	1/4	3,254	1/4	4,428	1/4	5,603	1/4	6,777	1/4		1/4		1/4		1/4	
1/2	930	1/2	2,104	1/2	3,279	1/2	4,453	1/2	5,627	1/2	6,802	1/2		1/2		1/2		1/2	
3/4	954	3/4	2,129	3/4	3,303	3/4	4,477	3/4	5,652	3/4	6,826	3/4		3/4		3/4		3/4	
10	979	10	2,153	10	3,327	10	4,502	10	5,676	10	6,851	10		10		10		10	
1/4	1,003	1/4	2,178	1/4	3,352	1/4	4,526	1/4	5,701	1/4	6,875	1/4		1/4		1/4		1/4	
1/2	1,028	1/2	2,202	1/2	3,376	1/2	4,551	1/2	5,725	1/2	6,900	1/2		1/2		1/2		1/2	
3/4	1,052	3/4	2,226	3/4	3,401	3/4	4,575	3/4	5,750	3/4	6,924	3/4		3/4		3/4		3/4	
11	1,077	11	2,251	11	3,425	11	4,600	11	5,774	11	6,948	11		11		11		11	
1/4	1,101	1/4	2,275	1/4	3,450	1/4	4,624	1/4	5,799	1/4	6,973	1/4		1/4		1/4		1/4	
1/2	1,125	1/2	2,300	1/2	3,474	1/2	4,649	1/2	5,823	1/2	6,997	1/2		1/2		1/2		1/2	
3/4	1,150	3/4	2,324	3/4	3,499	3/4	4,673	3/4	5,847	3/4	7,022	3/4		3/4		3/4		3/4	

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