



BARGE "KIRBY 29075"

INNAGE TRIM TABLE
FORMERLY "HBC 308"

	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	00-0/8	- 00-0/8	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
2 STBD	00-0/8	- 00-0/8	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
3 PORT ABOVE 10'	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-1/8	- 01-1/8	01-1/2	- 01-1/2	01-7/8	- 01-7/8	02-1/4	- 02-1/4
3 PORT BELOW 10'	- 00-1/2	00-1/2	- 01-1/8	01-1/8	- 01-5/8	01-5/8	- 02-1/4	02-1/4	- 02-3/4	02-3/4	- 03-3/8	03-3/8
3 STBD ABOVE 10'	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-1/8	- 01-1/8	01-1/2	- 01-1/2	01-7/8	- 01-7/8	02-1/4	- 02-1/4
3 STBD BELOW 10'	- 00-1/2	00-1/2	- 01-1/8	01-1/8	- 01-5/8	01-5/8	- 02-1/4	02-1/4	- 02-3/4	02-3/4	- 03-3/8	03-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 253'-09"

August 4, 2023

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

<http://www.pmacorp.net>



BARGE "KIRBY 29075"

INNAGE TRIM TABLE
FORMERLY "HBC 308"

	7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-1/2	- 00-1/2	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-3/4	- 00-3/4	00-7/8	- 00-7/8
1 STBD	00-1/2	- 00-1/2	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-3/4	- 00-3/4	00-7/8	- 00-7/8
2 PORT	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4
2 STBD	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4
3 PORT ABOVE 10'	02-3/4	- 02-3/4	03-1/8	- 03-1/8	03-1/2	- 03-1/2	03-7/8	- 03-7/8	04-1/4	- 04-1/4	04-5/8	- 04-5/8
3 PORT BELOW 10'	- 03-7/8	03-7/8	- 04-1/2	04-1/2	- 05-0/8	05-0/8	- 05-5/8	05-5/8	- 06-1/8	06-1/8	- 06-3/4	06-3/4
3 STBD ABOVE 10'	02-3/4	- 02-3/4	03-1/8	- 03-1/8	03-1/2	- 03-1/2	03-7/8	- 03-7/8	04-1/4	- 04-1/4	04-5/8	- 04-5/8
3 STBD BELOW 10'	- 03-7/8	03-7/8	- 04-1/2	04-1/2	- 05-0/8	05-0/8	- 05-5/8	05-5/8	- 06-1/8	06-1/8	- 06-3/4	06-3/4

(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: 253'-09"

August 4, 2023

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

<http://www.pmacorp.net>



BARGE "KIRBY 29075"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HBC 308"

GAUGE HEIGHT 17'-02 3/4"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	1,811.64	6	1,993.04	0	2,174.43	6	2,355.83	0	2,537.23	6	2,718.59	0	2,899.93	6	3,081.26	0	3,262.59	6	3,443.93
1/8	1,815.42	1/8	1,996.81	1/8	2,178.21	1/8	2,359.61	1/8	2,541.01	1/8	2,722.37	1/8	2,903.70	1/8	3,085.04	1/8	3,266.37	1/8	3,447.71
1/4	1,819.20	1/4	2,000.59	1/4	2,181.99	1/4	2,363.39	1/4	2,544.78	1/4	2,726.15	1/4	2,907.48	1/4	3,088.82	1/4	3,270.15	1/4	3,451.48
3/8	1,822.98	3/8	2,004.37	3/8	2,185.77	3/8	2,367.17	3/8	2,548.56	3/8	2,729.93	3/8	2,911.26	3/8	3,092.59	3/8	3,273.93	3/8	3,455.26
1/2	1,826.76	1/2	2,008.15	1/2	2,189.55	1/2	2,370.95	1/2	2,552.34	1/2	2,733.70	1/2	2,915.04	1/2	3,096.37	1/2	3,277.71	1/2	3,459.04
5/8	1,830.53	5/8	2,011.93	5/8	2,193.33	5/8	2,374.72	5/8	2,556.12	5/8	2,737.48	5/8	2,918.82	5/8	3,100.15	5/8	3,281.48	5/8	3,462.82
3/4	1,834.31	3/4	2,015.71	3/4	2,197.11	3/4	2,378.50	3/4	2,559.90	3/4	2,741.26	3/4	2,922.59	3/4	3,103.93	3/4	3,285.26	3/4	3,466.60
7/8	1,838.09	7/8	2,019.49	7/8	2,200.89	7/8	2,382.28	7/8	2,563.68	7/8	2,745.04	7/8	2,926.37	7/8	3,107.71	7/8	3,289.04	7/8	3,470.37
1	1,841.87	7	2,023.27	1	2,204.67	7	2,386.06	1	2,567.46	7	2,748.81	1	2,930.15	7	3,111.48	1	3,292.82	7	3,474.15
1/8	1,845.65	1/8	2,027.05	1/8	2,208.44	1/8	2,389.84	1/8	2,571.24	1/8	2,752.59	1/8	2,933.93	1/8	3,115.26	1/8	3,296.60	1/8	3,477.93
1/4	1,849.43	1/4	2,030.83	1/4	2,212.22	1/4	2,393.62	1/4	2,575.02	1/4	2,756.37	1/4	2,937.70	1/4	3,119.04	1/4	3,300.37	1/4	3,481.71
3/8	1,853.21	3/8	2,034.61	3/8	2,216.00	3/8	2,397.40	3/8	2,578.80	3/8	2,760.15	3/8	2,941.48	3/8	3,122.82	3/8	3,304.15	3/8	3,485.49
1/2	1,856.99	1/2	2,038.38	1/2	2,219.78	1/2	2,401.18	1/2	2,582.58	1/2	2,763.93	1/2	2,945.26	1/2	3,126.59	1/2	3,307.93	1/2	3,489.26
5/8	1,860.77	5/8	2,042.16	5/8	2,223.56	5/8	2,404.96	5/8	2,586.35	5/8	2,767.70	5/8	2,949.04	5/8	3,130.37	5/8	3,311.71	5/8	3,493.04
3/4	1,864.55	3/4	2,045.94	3/4	2,227.34	3/4	2,408.74	3/4	2,590.13	3/4	2,771.48	3/4	2,952.82	3/4	3,134.15	3/4	3,315.48	3/4	3,496.82
7/8	1,868.33	7/8	2,049.72	7/8	2,231.12	7/8	2,412.52	7/8	2,593.91	7/8	2,775.26	7/8	2,956.59	7/8	3,137.93	7/8	3,319.26	7/8	3,500.60
2	1,872.10	8	2,053.50	2	2,234.90	8	2,416.29	2	2,597.69	8	2,779.04	2	2,960.37	8	3,141.71	2	3,323.04	8	3,504.37
1/8	1,875.88	1/8	2,057.28	1/8	2,238.68	1/8	2,420.07	1/8	2,601.47	1/8	2,782.81	1/8	2,964.15	1/8	3,145.48	1/8	3,326.82	1/8	3,508.15
1/4	1,879.66	1/4	2,061.06	1/4	2,242.46	1/4	2,423.85	1/4	2,605.25	1/4	2,786.59	1/4	2,967.93	1/4	3,149.26	1/4	3,330.60	1/4	3,511.93
3/8	1,883.44	3/8	2,064.84	3/8	2,246.24	3/8	2,427.63	3/8	2,609.03	3/8	2,790.37	3/8	2,971.70	3/8	3,153.04	3/8	3,334.37	3/8	3,515.71
1/2	1,887.22	1/2	2,068.62	1/2	2,250.01	1/2	2,431.41	1/2	2,612.81	1/2	2,794.15	1/2	2,975.48	1/2	3,156.82	1/2	3,338.15	1/2	3,519.49
5/8	1,891.00	5/8	2,072.40	5/8	2,253.79	5/8	2,435.19	5/8	2,616.59	5/8	2,797.93	5/8	2,979.26	5/8	3,160.59	5/8	3,341.93	5/8	3,523.26
3/4	1,894.78	3/4	2,076.18	3/4	2,257.57	3/4	2,438.97	3/4	2,620.37	3/4	2,801.70	3/4	2,983.04	3/4	3,164.37	3/4	3,345.71	3/4	3,527.04
7/8	1,898.56	7/8	2,079.96	7/8	2,261.35	7/8	2,442.75	7/8	2,624.15	7/8	2,805.48	7/8	2,986.82	7/8	3,168.15	7/8	3,349.48	7/8	3,530.82
3	1,902.34	9	2,083.73	3	2,265.13	9	2,446.53	3	2,627.92	9	2,809.26	3	2,990.59	9	3,171.93	3	3,353.26	9	3,534.60
1/8	1,906.12	1/8	2,087.51	1/8	2,268.91	1/8	2,450.31	1/8	2,631.70	1/8	2,813.04	1/8	2,994.37	1/8	3,175.71	1/8	3,357.04	1/8	3,538.37
1/4	1,909.90	1/4	2,091.29	1/4	2,272.69	1/4	2,454.09	1/4	2,635.48	1/4	2,816.81	1/4	2,998.15	1/4	3,179.48	1/4	3,360.82	1/4	3,542.15
3/8	1,913.67	3/8	2,095.07	3/8	2,276.47	3/8	2,457.87	3/8	2,639.26	3/8	2,820.59	3/8	3,001.93	3/8	3,183.26	3/8	3,364.60	3/8	3,545.93
1/2	1,917.45	1/2	2,098.85	1/2	2,280.25	1/2	2,461.64	1/2	2,643.04	1/2	2,824.37	1/2	3,005.70	1/2	3,187.04	1/2	3,368.37	1/2	3,549.71
5/8	1,921.23	5/8	2,102.63	5/8	2,284.03	5/8	2,465.42	5/8	2,646.81	5/8	2,828.15	5/8	3,009.48	5/8	3,190.82	5/8	3,372.15	5/8	3,553.49
3/4	1,925.01	3/4	2,106.41	3/4	2,287.81	3/4	2,469.20	3/4	2,650.59	3/4	2,831.93	3/4	3,013.26	3/4	3,194.59	3/4	3,375.93	3/4	3,557.26
7/8	1,928.79	7/8	2,110.19	7/8	2,291.58	7/8	2,472.98	7/8	2,654.37	7/8	2,835.70	7/8	3,017.04	7/8	3,198.37	7/8	3,379.71	7/8	3,561.04
4	1,932.57	10	2,113.97	4	2,295.36	10	2,476.76	4	2,658.15	10	2,839.48	4	3,020.82	10	3,202.15	4	3,383.48	10	3,564.82
1/8	1,936.35	1/8	2,117.75	1/8	2,299.14	1/8	2,480.54	1/8	2,661.92	1/8	2,843.26	1/8	3,024.59	1/8	3,205.93	1/8	3,387.26	1/8	3,568.60
1/4	1,940.13	1/4	2,121.53	1/4	2,302.92	1/4	2,484.32	1/4	2,665.70	1/4	2,847.04	1/4	3,028.37	1/4	3,209.71	1/4	3,391.04	1/4	3,572.37
3/8	1,943.91	3/8	2,125.30	3/8	2,306.70	3/8	2,488.10	3/8	2,669.48	3/8	2,850.81	3/8	3,032.15	3/8	3,213.48	3/8	3,394.82	3/8	3,576.15
1/2	1,947.69	1/2	2,129.08	1/2	2,310.48	1/2	2,491.88	1/2	2,673.26	1/2	2,854.59	1/2	3,035.93	1/2	3,217.26	1/2	3,398.60	1/2	3,579.93
5/8	1,951.47	5/8	2,132.86	5/8	2,314.26	5/8	2,495.66	5/8	2,677.04	5/8	2,858.37	5/8	3,039.70	5/8	3,221.04	5/8	3,402.37	5/8	3,583.71
3/4	1,955.24	3/4	2,136.64	3/4	2,318.04	3/4	2,499.44	3/4	2,680.81	3/4	2,862.15	3/4	3,043.48	3/4	3,224.82	3/4	3,406.15	3/4	3,587.49
7/8	1,959.02	7/8	2,140.42	7/8	2,321.82	7/8	2,503.21	7/8	2,684.59	7/8	2,865.93	7/8	3,047.26	7/8	3,228.59	7/8	3,409.93	7/8	3,591.26
5	1,962.80	11	2,144.20	5	2,325.60	11	2,506.99	5	2,688.37	11	2,869.70	5	3,051.04	11	3,232.37	5	3,413.71	11	3,595.04
1/8	1,966.58	1/8	2,147.98	1/8	2,329.38	1/8	2,510.77	1/8	2,692.15	1/8	2,873.48	1/8	3,054.82	1/8	3,236.15	1/8	3,417.48	1/8	3,598.82
1/4	1,970.36	1/4	2,151.76	1/4	2,333.15	1/4	2,514.55	1/4	2,695.92	1/4	2,877.26	1/4	3,058.59	1/4	3,239.93	1/4	3,421.26	1/4	3,602.60
3/8	1,974.14	3/8	2,155.54	3/8	2,336.93	3/8	2,518.33	3/8	2,699.70	3/8	2,881.04	3/8	3,062.37	3/8	3,243.71	3/8	3,425.04	3/8	3,606.37
1/2	1,977.92	1/2	2,159.32	1/2	2,340.71	1/2	2,522.11	1/2	2,703.48	1/2	2,884.81	1/2	3,066.15	1/2	3,247.48	1/2	3,428.82	1/2	3,610.15
5/8	1,981.70	5/8	2,163.10	5/8	2,344.49	5/8	2,525.89	5/8	2,707.26	5/8	2,888.59	5/8	3,069.93	5/8	3,251.26	5/8	3,432.60	5/8	3,613.93
3/4	1,985.48	3/4	2,166.87	3/4	2,348.27	3/4	2,529.67	3/4	2,711.04	3/4	2,892.37	3/4	3,073.70	3/4	3,255.04	3/4	3,436.37	3/4	3,617.71
7/8	1,989.26	7/8	2,170.65	7/8	2,352.05	7/8	2,533.45	7/8	2,714.81	7/8	2,896.15	7/8	3,077.48	7/8	3,258.82	7/8	3,440.15	7/8	3,621.49

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 29075"

1 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HBC 308"

GAUGE HEIGHT 17'-02 3/4"

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	3,625.26	6	3,806.60	0	3,987.93	6	4,169.27	0	4,350.60	6	4,531.37	0	4,708.39	6	4,880.53	0	5,048.00	6	5,207.03
1/8	3,629.04	1/8	3,810.38	1/8	3,991.71	1/8	4,173.04	1/8	4,354.38	1/8	4,535.09	1/8	4,712.03	1/8	4,884.07	1/8	5,051.40	1/8	5,209.82
1/4	3,632.82	1/4	3,814.15	1/4	3,995.49	1/4	4,176.82	1/4	4,358.16	1/4	4,538.82	1/4	4,715.66	1/4	4,887.60	1/4	5,054.81	1/4	5,212.60
3/8	3,636.60	3/8	3,817.93	3/8	3,999.27	3/8	4,180.60	3/8	4,361.93	3/8	4,542.54	3/8	4,719.30	3/8	4,891.13	3/8	5,058.22	3/8	5,215.38
1/2	3,640.37	1/2	3,821.71	1/2	4,003.04	1/2	4,184.38	1/2	4,365.71	1/2	4,546.27	1/2	4,722.94	1/2	4,894.66	1/2	5,061.63	1/2	5,218.17
5/8	3,644.15	5/8	3,825.49	5/8	4,006.82	5/8	4,188.16	5/8	4,369.49	5/8	4,549.99	5/8	4,726.57	5/8	4,898.19	5/8	5,065.03	5/8	5,220.95
3/4	3,647.93	3/4	3,829.26	3/4	4,010.60	3/4	4,191.93	3/4	4,373.27	3/4	4,553.72	3/4	4,730.21	3/4	4,901.72	3/4	5,068.44	3/4	5,223.73
7/8	3,651.71	7/8	3,833.04	7/8	4,014.38	7/8	4,195.71	7/8	4,377.05	7/8	4,557.44	7/8	4,733.84	7/8	4,905.25	7/8	5,071.85	7/8	5,226.52
1	3,655.49	7	3,836.82	1	4,018.15	7	4,199.49	1	4,380.82	7	4,561.17	1	4,737.48	7	4,908.79	1	5,075.25	7	5,229.30
1/8	3,659.26	1/8	3,840.60	1/8	4,021.93	1/8	4,203.27	1/8	4,384.60	1/8	4,564.88	1/8	4,741.09	1/8	4,912.30	1/8	5,078.65	1/8	5,231.47
1/4	3,663.04	1/4	3,844.38	1/4	4,025.71	1/4	4,207.04	1/4	4,388.38	1/4	4,568.59	1/4	4,744.69	1/4	4,915.82	1/4	5,082.04	1/4	5,233.64
3/8	3,666.82	3/8	3,848.15	3/8	4,029.49	3/8	4,210.82	3/8	4,392.16	3/8	4,572.30	3/8	4,748.30	3/8	4,919.34	3/8	5,085.43	3/8	5,235.80
1/2	3,670.60	1/2	3,851.93	1/2	4,033.27	1/2	4,214.60	1/2	4,395.93	1/2	4,576.01	1/2	4,751.90	1/2	4,922.85	1/2	5,088.82	1/2	5,237.97
5/8	3,674.38	5/8	3,855.71	5/8	4,037.04	5/8	4,218.38	5/8	4,399.71	5/8	4,579.72	5/8	4,755.51	5/8	4,926.37	5/8	5,092.22	5/8	5,240.14
3/4	3,678.15	3/4	3,859.49	3/4	4,040.82	3/4	4,222.16	3/4	4,403.49	3/4	4,583.43	3/4	4,759.12	3/4	4,929.89	3/4	5,095.61	3/4	5,242.31
7/8	3,681.93	7/8	3,863.27	7/8	4,044.60	7/8	4,225.93	7/8	4,407.27	7/8	4,587.14	7/8	4,762.72	7/8	4,933.40	7/8	5,099.00	7/8	5,244.48
2	3,685.71	8	3,867.04	2	4,048.38	8	4,229.71	2	4,411.05	8	4,590.85	2	4,766.33	8	4,936.92	2	5,102.39	8	5,246.64
1/8	3,689.49	1/8	3,870.82	1/8	4,052.16	1/8	4,233.49	1/8	4,414.82	1/8	4,594.55	1/8	4,769.92	1/8	4,940.42	1/8	5,105.77	1/8	5,248.81
1/4	3,693.26	1/4	3,874.60	1/4	4,055.93	1/4	4,237.27	1/4	4,418.60	1/4	4,598.24	1/4	4,773.51	1/4	4,943.92	1/4	5,109.15	1/4	5,251.00
3/8	3,697.04	3/8	3,878.38	3/8	4,059.71	3/8	4,241.05	3/8	4,422.38	3/8	4,601.94	3/8	4,777.10	3/8	4,947.42	3/8	5,112.52	3/8	5,253.17
1/2	3,700.82	1/2	3,882.15	1/2	4,063.49	1/2	4,244.82	1/2	4,426.16	1/2	4,605.63	1/2	4,780.69	1/2	4,950.93	1/2	5,115.90	1/2	5,255.34
5/8	3,704.60	5/8	3,885.93	5/8	4,067.27	5/8	4,248.60	5/8	4,429.94	5/8	4,609.33	5/8	4,784.29	5/8	4,954.43	5/8	5,119.28	5/8	5,257.51
3/4	3,708.38	3/4	3,889.71	3/4	4,071.04	3/4	4,252.38	3/4	4,433.71	3/4	4,613.03	3/4	4,787.88	3/4	4,957.93	3/4	5,122.65	3/4	5,259.68
7/8	3,712.15	7/8	3,893.49	7/8	4,074.82	7/8	4,256.16	7/8	4,437.49	7/8	4,616.72	7/8	4,791.47	7/8	4,961.43	7/8	5,126.03	7/8	5,261.85
3	3,715.93	9	3,897.27	3	4,078.60	9	4,259.93	3	4,441.27	9	4,620.42	3	4,795.06	9	4,964.93	3	5,129.41	9	5,264.02
1/8	3,719.71	1/8	3,901.04	1/8	4,082.38	1/8	4,263.71	1/8	4,445.03	1/8	4,624.10	1/8	4,798.64	1/8	4,968.42	1/8	5,132.76	1/8	5,266.19
1/4	3,723.49	1/4	3,904.82	1/4	4,086.16	1/4	4,267.49	1/4	4,448.80	1/4	4,627.78	1/4	4,802.21	1/4	4,971.91	1/4	5,136.12	1/4	5,268.36
3/8	3,727.26	3/8	3,908.60	3/8	4,089.93	3/8	4,271.27	3/8	4,452.57	3/8	4,631.46	3/8	4,805.79	3/8	4,975.40	3/8	5,139.48	3/8	5,270.53
1/2	3,731.04	1/2	3,912.38	1/2	4,093.71	1/2	4,275.05	1/2	4,456.33	1/2	4,635.14	1/2	4,809.37	1/2	4,978.88	1/2	5,142.84	1/2	5,272.70
5/8	3,734.82	5/8	3,916.15	5/8	4,097.49	5/8	4,278.82	5/8	4,460.10	5/8	4,638.82	5/8	4,812.94	5/8	4,982.37	5/8	5,146.19	5/8	5,274.87
3/4	3,738.60	3/4	3,919.93	3/4	4,101.27	3/4	4,282.60	3/4	4,463.87	3/4	4,642.50	3/4	4,816.52	3/4	4,985.86	3/4	5,149.55	3/4	5,277.04
7/8	3,742.38	7/8	3,923.71	7/8	4,105.04	7/8	4,286.38	7/8	4,467.63	7/8	4,646.18	7/8	4,820.09	7/8	4,989.35	7/8	5,152.91	7/8	5,279.21
4	3,746.15	10	3,927.49	4	4,108.82	10	4,290.16	4	4,471.40	10	4,649.86	4	4,823.67	10	4,992.84	4	5,156.26	10	5,281.38
1/8	3,749.93	1/8	3,931.27	1/8	4,112.60	1/8	4,293.93	1/8	4,475.15	1/8	4,653.53	1/8	4,827.23	1/8	4,996.31	1/8	5,159.59	1/8	5,283.55
1/4	3,753.71	1/4	3,935.04	1/4	4,116.38	1/4	4,297.71	1/4	4,478.91	1/4	4,657.19	1/4	4,830.79	1/4	4,999.78	1/4	5,162.92	1/4	5,285.72
3/8	3,757.49	3/8	3,938.82	3/8	4,120.16	3/8	4,301.49	3/8	4,482.67	3/8	4,660.86	3/8	4,834.36	3/8	5,003.25	3/8	5,166.25	3/8	5,287.89
1/2	3,761.26	1/2	3,942.60	1/2	4,123.93	1/2	4,305.27	1/2	4,486.42	1/2	4,664.52	1/2	4,837.92	1/2	5,006.73	1/2	5,169.58	1/2	5,290.06
5/8	3,765.04	5/8	3,946.38	5/8	4,127.71	5/8	4,309.05	5/8	4,490.18	5/8	4,668.19	5/8	4,841.48	5/8	5,010.20	5/8	5,172.91	5/8	5,292.23
3/4	3,768.82	3/4	3,950.15	3/4	4,131.49	3/4	4,312.82	3/4	4,493.93	3/4	4,671.86	3/4	4,845.04	3/4	5,013.67	3/4	5,176.24	3/4	5,294.40
7/8	3,772.60	7/8	3,953.93	7/8	4,135.27	7/8	4,316.60	7/8	4,497.69	7/8	4,675.52	7/8	4,848.60	7/8	5,017.15	7/8	5,179.57	7/8	5,296.57
5	3,776.38	11	3,957.71	5	4,139.04	11	4,320.38	5	4,501.44	11	4,679.19	5	4,852.16	11	5,020.62	5	5,182.90	11	5,298.74
1/8	3,780.15	1/8	3,961.49	1/8	4,142.82	1/8	4,324.16	1/8	4,505.18	1/8	4,682.84	1/8	4,855.71	1/8	5,024.04	1/8	5,186.27	1/8	5,299.91
1/4	3,783.93	1/4	3,965.27	1/4	4,146.60	1/4	4,327.93	1/4	4,508.92	1/4	4,686.49	1/4	4,859.26	1/4	5,027.46	1/4	5,189.64	1/4	5,301.08
3/8	3,787.71	3/8	3,969.04	3/8	4,150.38	3/8	4,331.71	3/8	4,512.66	3/8	4,690.14	3/8	4,862.80	3/8	5,030.89	3/8	5,192.97	3/8	5,303.25
1/2	3,791.49	1/2	3,972.82	1/2	4,154.16	1/2	4,335.49	1/2	4,516.40	1/2	4,693.79	1/2	4,866.35	1/2	5,034.31	1/2	5,196.34	1/2	5,305.42
5/8	3,795.26	5/8	3,976.60	5/8	4,157.93	5/8	4,339.27	5/8	4,520.14	5/8	4,697.44	5/8	4,869.89	5/8	5,037.73	5/8	5,199.71	5/8	5,307.59
3/4	3,799.04	3/4	3,980.38	3/4	4,161.71	3/4	4,343.05	3/4	4,523.88	3/4	4,701.09	3/4	4,873.44	3/4	5,041.15	3/4	5,203.08	3/4	5,309.76
7/8	3,802.82	7/8	3,984.15	7/8	4,165.49	7/8	4,346.82	7/8	4,527.62	7/8	4,704.74	7/8	4,876.99	7/8	5,044.58	7/8	5,206.45	7/8	5,311.93

STRAPPED: 06/07/2013 PMA
 RECALCULATED: 01/19/2023 PMA
 VERIFIED: 08/04/2023 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 08/2023

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 29075"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HBC 308"

GAUGE HEIGHT 17'-02 3/4"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	22.89	6	180.79	0	361.49	6	542.18	0	722.88	6	903.57	0	1,084.03	6	1,264.48	0	1,445.18	6	1,625.88
1/8	25.08	1/8	184.55	1/8	365.25	1/8	545.95	1/8	726.64	1/8	907.34	1/8	1,087.78	1/8	1,268.24	1/8	1,448.94	1/8	1,629.64
1/4	27.28	1/4	188.32	1/4	369.01	1/4	549.71	1/4	730.41	1/4	911.10	1/4	1,091.54	1/4	1,272.01	1/4	1,452.71	1/4	1,633.41
3/8	29.47	3/8	192.08	3/8	372.78	3/8	553.47	3/8	734.17	3/8	914.87	3/8	1,095.30	3/8	1,275.77	3/8	1,456.47	3/8	1,637.17
1/2	31.67	1/2	195.85	1/2	376.54	1/2	557.24	1/2	737.94	1/2	918.63	1/2	1,099.06	1/2	1,279.54	1/2	1,460.24	1/2	1,640.94
5/8	33.86	5/8	199.61	5/8	380.31	5/8	561.00	5/8	741.70	5/8	922.40	5/8	1,102.82	5/8	1,283.30	5/8	1,464.00	5/8	1,644.70
3/4	36.06	3/4	203.38	3/4	384.07	3/4	564.77	3/4	745.46	3/4	926.16	3/4	1,106.58	3/4	1,287.07	3/4	1,467.77	3/4	1,648.47
7/8	38.25	7/8	207.14	7/8	387.84	7/8	568.53	7/8	749.23	7/8	929.92	7/8	1,110.33	7/8	1,290.83	7/8	1,471.53	7/8	1,652.23
1	40.45	7	210.91	1	391.60	7	572.30	1	752.99	7	933.69	1	1,114.09	7	1,294.59	1	1,475.30	7	1,656.00
1/8	43.27	1/8	214.67	1/8	395.37	1/8	576.06	1/8	756.76	1/8	937.45	1/8	1,117.85	1/8	1,298.36	1/8	1,479.06	1/8	1,659.76
1/4	46.09	1/4	218.43	1/4	399.13	1/4	579.83	1/4	760.52	1/4	941.21	1/4	1,121.61	1/4	1,302.12	1/4	1,482.82	1/4	1,663.53
3/8	48.92	3/8	222.20	3/8	402.89	3/8	583.59	3/8	764.29	3/8	944.96	3/8	1,125.37	3/8	1,305.89	3/8	1,486.59	3/8	1,667.29
1/2	51.74	1/2	225.96	1/2	406.66	1/2	587.36	1/2	768.05	1/2	948.72	1/2	1,129.13	1/2	1,309.65	1/2	1,490.35	1/2	1,671.05
5/8	54.56	5/8	229.73	5/8	410.42	5/8	591.12	5/8	771.82	5/8	952.48	5/8	1,132.88	5/8	1,313.42	5/8	1,494.12	5/8	1,674.82
3/4	57.39	3/4	233.49	3/4	414.19	3/4	594.88	3/4	775.58	3/4	956.24	3/4	1,136.64	3/4	1,317.18	3/4	1,497.88	3/4	1,678.58
7/8	60.21	7/8	237.26	7/8	417.95	7/8	598.65	7/8	779.34	7/8	960.00	7/8	1,140.40	7/8	1,320.95	7/8	1,501.65	7/8	1,682.35
2	63.03	8	241.02	2	421.72	8	602.41	2	783.11	8	963.76	2	1,144.16	8	1,324.71	2	1,505.41	8	1,686.11
1/8	66.48	1/8	244.79	1/8	425.48	1/8	606.18	1/8	786.87	1/8	967.51	1/8	1,147.92	1/8	1,328.48	1/8	1,509.18	1/8	1,689.88
1/4	69.93	1/4	248.55	1/4	429.25	1/4	609.94	1/4	790.64	1/4	971.27	1/4	1,151.68	1/4	1,332.24	1/4	1,512.94	1/4	1,693.64
3/8	73.38	3/8	252.31	3/8	433.01	3/8	613.71	3/8	794.40	3/8	975.03	3/8	1,155.43	3/8	1,336.01	3/8	1,516.71	3/8	1,697.41
1/2	76.83	1/2	256.08	1/2	436.78	1/2	617.47	1/2	798.17	1/2	978.79	1/2	1,159.19	1/2	1,339.77	1/2	1,520.47	1/2	1,701.17
5/8	80.28	5/8	259.84	5/8	440.54	5/8	621.24	5/8	801.93	5/8	982.55	5/8	1,162.95	5/8	1,343.53	5/8	1,524.24	5/8	1,704.94
3/4	83.73	3/4	263.61	3/4	444.30	3/4	625.00	3/4	805.70	3/4	986.31	3/4	1,166.71	3/4	1,347.30	3/4	1,528.00	3/4	1,708.70
7/8	87.18	7/8	267.37	7/8	448.07	7/8	628.76	7/8	809.46	7/8	990.07	7/8	1,170.47	7/8	1,351.06	7/8	1,531.76	7/8	1,712.47
3	90.63	9	271.14	3	451.83	9	632.53	3	813.23	9	993.82	3	1,174.23	9	1,354.83	3	1,535.53	9	1,716.23
1/8	94.38	1/8	274.90	1/8	455.60	1/8	636.29	1/8	816.99	1/8	997.58	1/8	1,177.99	1/8	1,358.59	1/8	1,539.29	1/8	1,719.99
1/4	98.12	1/4	278.67	1/4	459.36	1/4	640.06	1/4	820.75	1/4	1,001.34	1/4	1,181.74	1/4	1,362.36	1/4	1,543.06	1/4	1,723.76
3/8	101.87	3/8	282.43	3/8	463.13	3/8	643.82	3/8	824.52	3/8	1,005.10	3/8	1,185.50	3/8	1,366.12	3/8	1,546.82	3/8	1,727.52
1/2	105.62	1/2	286.20	1/2	466.89	1/2	647.59	1/2	828.28	1/2	1,008.86	1/2	1,189.26	1/2	1,369.89	1/2	1,550.59	1/2	1,731.29
5/8	109.36	5/8	289.96	5/8	470.66	5/8	651.35	5/8	832.05	5/8	1,012.62	5/8	1,193.02	5/8	1,373.65	5/8	1,554.35	5/8	1,735.05
3/4	113.11	3/4	293.72	3/4	474.42	3/4	655.12	3/4	835.81	3/4	1,016.37	3/4	1,196.78	3/4	1,377.42	3/4	1,558.12	3/4	1,738.82
7/8	116.86	7/8	297.49	7/8	478.18	7/8	658.88	7/8	839.58	7/8	1,020.13	7/8	1,200.54	7/8	1,381.18	7/8	1,561.88	7/8	1,742.58
4	120.60	10	301.25	4	481.95	10	662.65	4	843.34	10	1,023.89	4	1,204.29	10	1,384.95	4	1,565.65	10	1,746.35
1/8	124.36	1/8	305.02	1/8	485.71	1/8	666.41	1/8	847.11	1/8	1,027.65	1/8	1,208.05	1/8	1,388.71	1/8	1,569.41	1/8	1,750.11
1/4	128.12	1/4	308.78	1/4	489.48	1/4	670.17	1/4	850.87	1/4	1,031.41	1/4	1,211.81	1/4	1,392.47	1/4	1,573.18	1/4	1,753.88
3/8	131.88	3/8	312.55	3/8	493.24	3/8	673.94	3/8	854.63	3/8	1,035.17	3/8	1,215.57	3/8	1,396.24	3/8	1,576.94	3/8	1,757.64
1/2	135.64	1/2	316.31	1/2	497.01	1/2	677.70	1/2	858.40	1/2	1,038.92	1/2	1,219.33	1/2	1,400.00	1/2	1,580.70	1/2	1,761.40
5/8	139.40	5/8	320.08	5/8	500.77	5/8	681.47	5/8	862.16	5/8	1,042.68	5/8	1,223.09	5/8	1,403.77	5/8	1,584.47	5/8	1,765.17
3/4	143.16	3/4	323.84	3/4	504.54	3/4	685.23	3/4	865.93	3/4	1,046.44	3/4	1,226.84	3/4	1,407.53	3/4	1,588.23	3/4	1,768.93
7/8	146.92	7/8	327.60	7/8	508.30	7/8	689.00	7/8	869.69	7/8	1,050.20	7/8	1,230.60	7/8	1,411.30	7/8	1,592.00	7/8	1,772.70
5	150.68	11	331.37	5	512.07	11	692.76	5	873.46	11	1,053.96	5	1,234.36	11	1,415.06	5	1,595.76	11	1,776.46
1/8	154.44	1/8	335.13	1/8	515.83	1/8	696.53	1/8	877.22	1/8	1,057.72	1/8	1,238.13	1/8	1,418.83	1/8	1,599.53	1/8	1,780.23
1/4	158.21	1/4	338.90	1/4	519.59	1/4	700.29	1/4	880.99	1/4	1,061.47	1/4	1,241.89	1/4	1,422.59	1/4	1,603.29	1/4	1,783.99
3/8	161.97	3/8	342.66	3/8	523.36	3/8	704.05	3/8	884.75	3/8	1,065.23	3/8	1,245.65	3/8	1,426.36	3/8	1,607.06	3/8	1,787.76
1/2	165.73	1/2	346.43	1/2	527.12	1/2	707.82	1/2	888.52	1/2	1,068.99	1/2	1,249.42	1/2	1,430.12	1/2	1,610.82	1/2	1,791.52
5/8	169.50	5/8	350.19	5/8	530.89	5/8	711.58	5/8	892.28	5/8	1,072.75	5/8	1,253.18	5/8	1,433.88	5/8	1,614.59	5/8	1,795.29
3/4	173.26	3/4	353.96	3/4	534.65	3/4	715.35	3/4	896.04	3/4	1,076.51	3/4	1,256.95	3/4	1,437.65	3/4	1,618.35	3/4	1,799.05
7/8	177.03	7/8	357.72	7/8	538.42	7/8	719.11	7/8	899.81	7/8	1,080.27	7/8	1,260.71	7/8	1,441.41	7/8	1,622.11	7/8	1,802.82

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 WITH HERMETIC CLOSED GAUGING DEVIE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29075"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HBC 308"

GAUGE HEIGHT 17'-02 3/4"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	1,806.58	6	1,987.28	0	2,167.98	6	2,348.68	0	2,529.38	6	2,710.05	0	2,890.69	6	3,071.33	0	3,251.97	6	3,432.61
1/8	1,810.34	1/8	1,991.05	1/8	2,171.75	1/8	2,352.45	1/8	2,533.15	1/8	2,713.82	1/8	2,894.45	1/8	3,075.09	1/8	3,255.73	1/8	3,436.37
1/4	1,814.11	1/4	1,994.81	1/4	2,175.51	1/4	2,356.21	1/4	2,536.91	1/4	2,717.58	1/4	2,898.22	1/4	3,078.86	1/4	3,259.49	1/4	3,440.13
3/8	1,817.87	3/8	1,998.57	3/8	2,179.28	3/8	2,359.98	3/8	2,540.68	3/8	2,721.34	3/8	2,901.98	3/8	3,082.62	3/8	3,263.26	3/8	3,443.90
1/2	1,821.64	1/2	2,002.34	1/2	2,183.04	1/2	2,363.74	1/2	2,544.44	1/2	2,725.11	1/2	2,905.74	1/2	3,086.38	1/2	3,267.02	1/2	3,447.66
5/8	1,825.40	5/8	2,006.10	5/8	2,186.80	5/8	2,367.51	5/8	2,548.21	5/8	2,728.87	5/8	2,909.51	5/8	3,090.15	5/8	3,270.78	5/8	3,451.42
3/4	1,829.17	3/4	2,009.87	3/4	2,190.57	3/4	2,371.27	3/4	2,551.97	3/4	2,732.63	3/4	2,913.27	3/4	3,093.91	3/4	3,274.55	3/4	3,455.19
7/8	1,832.93	7/8	2,013.63	7/8	2,194.33	7/8	2,375.03	7/8	2,555.74	7/8	2,736.40	7/8	2,917.03	7/8	3,097.67	7/8	3,278.31	7/8	3,458.95
1	1,836.70	7	2,017.40	1	2,198.10	7	2,378.80	1	2,559.50	7	2,740.16	1	2,920.80	7	3,101.44	1	3,282.07	7	3,462.71
1/8	1,840.46	1/8	2,021.16	1/8	2,201.86	1/8	2,382.56	1/8	2,563.26	1/8	2,743.92	1/8	2,924.56	1/8	3,105.20	1/8	3,285.84	1/8	3,466.48
1/4	1,844.23	1/4	2,024.93	1/4	2,205.63	1/4	2,386.33	1/4	2,567.03	1/4	2,747.69	1/4	2,928.32	1/4	3,108.96	1/4	3,289.60	1/4	3,470.24
3/8	1,847.99	3/8	2,028.69	3/8	2,209.39	3/8	2,390.09	3/8	2,570.79	3/8	2,751.45	3/8	2,932.09	3/8	3,112.73	3/8	3,293.36	3/8	3,474.00
1/2	1,851.76	1/2	2,032.46	1/2	2,213.16	1/2	2,393.86	1/2	2,574.56	1/2	2,755.21	1/2	2,935.85	1/2	3,116.49	1/2	3,297.13	1/2	3,477.77
5/8	1,855.52	5/8	2,036.22	5/8	2,216.92	5/8	2,397.62	5/8	2,578.32	5/8	2,758.98	5/8	2,939.61	5/8	3,120.25	5/8	3,300.89	5/8	3,481.53
3/4	1,859.28	3/4	2,039.99	3/4	2,220.69	3/4	2,401.39	3/4	2,582.09	3/4	2,762.74	3/4	2,943.38	3/4	3,124.02	3/4	3,304.65	3/4	3,485.29
7/8	1,863.05	7/8	2,043.75	7/8	2,224.45	7/8	2,405.15	7/8	2,585.85	7/8	2,766.50	7/8	2,947.14	7/8	3,127.78	7/8	3,308.42	7/8	3,489.06
2	1,866.81	8	2,047.51	2	2,228.22	8	2,408.92	2	2,589.62	8	2,770.27	2	2,950.90	8	3,131.54	2	3,312.18	8	3,492.82
1/8	1,870.58	1/8	2,051.28	1/8	2,231.98	1/8	2,412.68	1/8	2,593.38	1/8	2,774.03	1/8	2,954.67	1/8	3,135.31	1/8	3,315.94	1/8	3,496.58
1/4	1,874.34	1/4	2,055.04	1/4	2,235.74	1/4	2,416.45	1/4	2,597.15	1/4	2,777.79	1/4	2,958.43	1/4	3,139.07	1/4	3,319.71	1/4	3,500.35
3/8	1,878.11	3/8	2,058.81	3/8	2,239.51	3/8	2,420.21	3/8	2,600.91	3/8	2,781.56	3/8	2,962.19	3/8	3,142.83	3/8	3,323.47	3/8	3,504.11
1/2	1,881.87	1/2	2,062.57	1/2	2,243.27	1/2	2,423.97	1/2	2,604.68	1/2	2,785.32	1/2	2,965.96	1/2	3,146.60	1/2	3,327.23	1/2	3,507.87
5/8	1,885.64	5/8	2,066.34	5/8	2,247.04	5/8	2,427.74	5/8	2,608.44	5/8	2,789.08	5/8	2,969.72	5/8	3,150.36	5/8	3,331.00	5/8	3,511.64
3/4	1,889.40	3/4	2,070.10	3/4	2,250.80	3/4	2,431.50	3/4	2,612.20	3/4	2,792.85	3/4	2,973.48	3/4	3,154.12	3/4	3,334.76	3/4	3,515.40
7/8	1,893.17	7/8	2,073.87	7/8	2,254.57	7/8	2,435.27	7/8	2,615.97	7/8	2,796.61	7/8	2,977.25	7/8	3,157.89	7/8	3,338.52	7/8	3,519.16
3	1,896.93	9	2,077.63	3	2,258.33	9	2,439.03	3	2,619.73	9	2,800.37	3	2,981.01	9	3,161.65	3	3,342.29	9	3,522.93
1/8	1,900.70	1/8	2,081.40	1/8	2,262.10	1/8	2,442.80	1/8	2,623.50	1/8	2,804.14	1/8	2,984.77	1/8	3,165.41	1/8	3,346.05	1/8	3,526.69
1/4	1,904.46	1/4	2,085.16	1/4	2,265.86	1/4	2,446.56	1/4	2,627.26	1/4	2,807.90	1/4	2,988.54	1/4	3,169.18	1/4	3,349.81	1/4	3,530.45
3/8	1,908.22	3/8	2,088.93	3/8	2,269.63	3/8	2,450.33	3/8	2,631.02	3/8	2,811.66	3/8	2,992.30	3/8	3,172.94	3/8	3,353.58	3/8	3,534.22
1/2	1,911.99	1/2	2,092.69	1/2	2,273.39	1/2	2,454.09	1/2	2,634.79	1/2	2,815.43	1/2	2,996.06	1/2	3,176.70	1/2	3,357.34	1/2	3,537.98
5/8	1,915.75	5/8	2,096.45	5/8	2,277.16	5/8	2,457.86	5/8	2,638.55	5/8	2,819.19	5/8	2,999.83	5/8	3,180.47	5/8	3,361.10	5/8	3,541.74
3/4	1,919.52	3/4	2,100.22	3/4	2,280.92	3/4	2,461.62	3/4	2,642.31	3/4	2,822.95	3/4	3,003.59	3/4	3,184.23	3/4	3,364.87	3/4	3,545.51
7/8	1,923.28	7/8	2,103.98	7/8	2,284.68	7/8	2,465.39	7/8	2,646.08	7/8	2,826.72	7/8	3,007.35	7/8	3,187.99	7/8	3,368.63	7/8	3,549.27
4	1,927.05	10	2,107.75	4	2,288.45	10	2,469.15	4	2,649.84	10	2,830.48	4	3,011.12	10	3,191.76	4	3,372.39	10	3,553.03
1/8	1,930.81	1/8	2,111.51	1/8	2,292.21	1/8	2,472.91	1/8	2,653.60	1/8	2,834.24	1/8	3,014.88	1/8	3,195.52	1/8	3,376.16	1/8	3,556.80
1/4	1,934.58	1/4	2,115.28	1/4	2,295.98	1/4	2,476.68	1/4	2,657.37	1/4	2,838.01	1/4	3,018.64	1/4	3,199.28	1/4	3,379.92	1/4	3,560.56
3/8	1,938.34	3/8	2,119.04	3/8	2,299.74	3/8	2,480.44	3/8	2,661.13	3/8	2,841.77	3/8	3,022.41	3/8	3,203.05	3/8	3,383.68	3/8	3,564.32
1/2	1,942.11	1/2	2,122.81	1/2	2,303.51	1/2	2,484.21	1/2	2,664.89	1/2	2,845.53	1/2	3,026.17	1/2	3,206.81	1/2	3,387.45	1/2	3,568.09
5/8	1,945.87	5/8	2,126.57	5/8	2,307.27	5/8	2,487.97	5/8	2,668.66	5/8	2,849.30	5/8	3,029.93	5/8	3,210.57	5/8	3,391.21	5/8	3,571.85
3/4	1,949.63	3/4	2,130.34	3/4	2,311.04	3/4	2,491.74	3/4	2,672.42	3/4	2,853.06	3/4	3,033.70	3/4	3,214.34	3/4	3,394.97	3/4	3,575.61
7/8	1,953.40	7/8	2,134.10	7/8	2,314.80	7/8	2,495.50	7/8	2,676.18	7/8	2,856.82	7/8	3,037.46	7/8	3,218.10	7/8	3,398.74	7/8	3,579.38
5	1,957.16	11	2,137.86	5	2,318.57	11	2,499.27	5	2,679.95	11	2,860.58	5	3,041.22	11	3,221.86	5	3,402.50	11	3,583.14
1/8	1,960.93	1/8	2,141.63	1/8	2,322.33	1/8	2,503.03	1/8	2,683.71	1/8	2,864.35	1/8	3,044.99	1/8	3,225.63	1/8	3,406.26	1/8	3,586.90
1/4	1,964.69	1/4	2,145.39	1/4	2,326.09	1/4	2,506.80	1/4	2,687.47	1/4	2,868.11	1/4	3,048.75	1/4	3,229.39	1/4	3,410.03	1/4	3,590.67
3/8	1,968.46	3/8	2,149.16	3/8	2,329.86	3/8	2,510.56	3/8	2,691.24	3/8	2,871.87	3/8	3,052.51	3/8	3,233.15	3/8	3,413.79	3/8	3,594.43
1/2	1,972.22	1/2	2,152.92	1/2	2,333.62	1/2	2,514.32	1/2	2,695.00	1/2	2,875.54	1/2	3,056.28	1/2	3,236.92	1/2	3,417.55	1/2	3,598.19
5/8	1,975.99	5/8	2,156.69	5/8	2,337.39	5/8	2,518.09	5/8	2,698.76	5/8	2,879.40	5/8	3,060.04	5/8	3,240.68	5/8	3,421.32	5/8	3,601.96
3/4	1,979.75	3/4	2,160.45	3/4	2,341.15	3/4	2,521.85	3/4	2,702.53	3/4	2,883.16	3/4	3,063.80	3/4	3,244.44	3/4	3,425.08	3/4	3,605.72
7/8	1,983.52	7/8	2,164.22	7/8	2,344.92	7/8	2,525.62	7/8	2,706.29	7/8	2,886.93	7/8	3,067.57	7/8	3,248.20	7/8	3,428.84	7/8	3,609.48

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 29075"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HBC 308"

GAUGE HEIGHT 17'-02 3/4"

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	3,613.25	6	3,793.88	0	3,974.52	6	4,155.16	0	4,335.80	6	4,515.88	0	4,692.23	6	4,863.72	0	5,030.55	6	5,188.99
1/8	3,617.01	1/8	3,797.65	1/8	3,978.29	1/8	4,158.92	1/8	4,339.56	1/8	4,519.59	1/8	4,695.85	1/8	4,867.24	1/8	5,033.94	1/8	5,191.76
1/4	3,620.77	1/4	3,801.41	1/4	3,982.05	1/4	4,162.69	1/4	4,343.33	1/4	4,523.30	1/4	4,699.48	1/4	4,870.76	1/4	5,037.34	1/4	5,194.53
3/8	3,624.53	3/8	3,805.17	3/8	3,985.81	3/8	4,166.45	3/8	4,347.09	3/8	4,527.01	3/8	4,703.10	3/8	4,874.27	3/8	5,040.73	3/8	5,197.31
1/2	3,628.30	1/2	3,808.94	1/2	3,989.58	1/2	4,170.21	1/2	4,350.85	1/2	4,530.72	1/2	4,706.72	1/2	4,877.79	1/2	5,044.13	1/2	5,200.08
5/8	3,632.06	5/8	3,812.70	5/8	3,993.34	5/8	4,173.98	5/8	4,354.62	5/8	4,534.43	5/8	4,710.34	5/8	4,881.31	5/8	5,047.52	5/8	5,202.85
3/4	3,635.82	3/4	3,816.46	3/4	3,997.10	3/4	4,177.74	3/4	4,358.38	3/4	4,538.15	3/4	4,713.96	3/4	4,884.83	3/4	5,050.92	3/4	5,205.62
7/8	3,639.59	7/8	3,820.23	7/8	4,000.86	7/8	4,181.50	7/8	4,362.14	7/8	4,541.86	7/8	4,717.58	7/8	4,888.35	7/8	5,054.31	7/8	5,208.40
1	3,643.35	7	3,823.99	1	4,004.63	7	4,185.27	1	4,365.90	7	4,545.57	1	4,721.21	7	4,891.86	1	5,057.71	7	5,211.17
1/8	3,647.11	1/8	3,827.75	1/8	4,008.39	1/8	4,189.03	1/8	4,369.67	1/8	4,549.26	1/8	4,724.80	1/8	4,895.37	1/8	5,061.09	1/8	5,213.33
1/4	3,650.88	1/4	3,831.52	1/4	4,012.15	1/4	4,192.79	1/4	4,373.43	1/4	4,552.96	1/4	4,728.39	1/4	4,898.87	1/4	5,064.46	1/4	5,215.49
3/8	3,654.64	3/8	3,835.28	3/8	4,015.92	3/8	4,196.56	3/8	4,377.19	3/8	4,556.66	3/8	4,731.98	3/8	4,902.37	3/8	5,067.84	3/8	5,217.65
1/2	3,658.40	1/2	3,839.04	1/2	4,019.68	1/2	4,200.32	1/2	4,380.96	1/2	4,560.35	1/2	4,735.58	1/2	4,905.88	1/2	5,071.22	1/2	5,219.81
5/8	3,662.17	5/8	3,842.81	5/8	4,023.44	5/8	4,204.08	5/8	4,384.72	5/8	4,564.05	5/8	4,739.17	5/8	4,909.38	5/8	5,074.60	5/8	5,221.97
3/4	3,665.93	3/4	3,846.57	3/4	4,027.21	3/4	4,207.85	3/4	4,388.48	3/4	4,567.75	3/4	4,742.76	3/4	4,912.88	3/4	5,077.98	3/4	5,224.13
7/8	3,669.69	7/8	3,850.33	7/8	4,030.97	7/8	4,211.61	7/8	4,392.25	7/8	4,571.44	7/8	4,746.35	7/8	4,916.39	7/8	5,081.36	7/8	5,226.29
2	3,673.46	8	3,854.10	2	4,034.73	8	4,215.37	2	4,396.01	8	4,575.14	2	4,749.95	8	4,919.89	2	5,084.74	8	5,228.45
1/8	3,677.22	1/8	3,857.86	1/8	4,038.50	1/8	4,219.14	1/8	4,399.77	1/8	4,578.82	1/8	4,753.53	1/8	4,923.38	1/8	5,088.11	1/8	5,230.61
1/4	3,680.98	1/4	3,861.62	1/4	4,042.26	1/4	4,222.90	1/4	4,403.54	1/4	4,582.50	1/4	4,757.10	1/4	4,926.87	1/4	5,091.47	1/4	5,232.77
3/8	3,684.75	3/8	3,865.39	3/8	4,046.02	3/8	4,226.66	3/8	4,407.30	3/8	4,586.18	3/8	4,760.68	3/8	4,930.36	3/8	5,094.83	3/8	5,234.93
1/2	3,688.51	1/2	3,869.15	1/2	4,049.79	1/2	4,230.43	1/2	4,411.06	1/2	4,589.86	1/2	4,764.26	1/2	4,933.84	1/2	5,098.20	1/2	5,237.09
5/8	3,692.27	5/8	3,872.91	5/8	4,053.55	5/8	4,234.19	5/8	4,414.83	5/8	4,593.55	5/8	4,767.84	5/8	4,937.33	5/8	5,101.56	5/8	5,239.25
3/4	3,696.04	3/4	3,876.68	3/4	4,057.31	3/4	4,237.95	3/4	4,418.59	3/4	4,597.23	3/4	4,771.41	3/4	4,940.82	3/4	5,104.93	3/4	5,241.41
7/8	3,699.80	7/8	3,880.44	7/8	4,061.08	7/8	4,241.72	7/8	4,422.35	7/8	4,600.91	7/8	4,774.99	7/8	4,944.31	7/8	5,108.29	7/8	5,243.57
3	3,703.56	9	3,884.20	3	4,064.84	9	4,245.48	3	4,426.12	9	4,604.59	3	4,778.57	9	4,947.80	3	5,111.65	9	5,245.73
1/8	3,707.33	1/8	3,887.97	1/8	4,068.60	1/8	4,249.24	1/8	4,429.87	1/8	4,608.26	1/8	4,782.13	1/8	4,951.27	1/8	5,115.00	1/8	5,247.89
1/4	3,711.09	1/4	3,891.73	1/4	4,072.37	1/4	4,253.01	1/4	4,433.62	1/4	4,611.92	1/4	4,785.69	1/4	4,954.75	1/4	5,118.34	1/4	5,250.05
3/8	3,714.85	3/8	3,895.49	3/8	4,076.13	3/8	4,256.77	3/8	4,437.38	3/8	4,615.59	3/8	4,789.26	3/8	4,958.22	3/8	5,121.69	3/8	5,252.21
1/2	3,718.62	1/2	3,899.26	1/2	4,079.89	1/2	4,260.53	1/2	4,441.13	1/2	4,619.26	1/2	4,792.82	1/2	4,961.70	1/2	5,125.03	1/2	5,254.37
5/8	3,722.38	5/8	3,903.02	5/8	4,083.66	5/8	4,264.30	5/8	4,444.88	5/8	4,622.92	5/8	4,796.38	5/8	4,965.17	5/8	5,128.38	5/8	5,256.53
3/4	3,726.14	3/4	3,906.78	3/4	4,087.42	3/4	4,268.06	3/4	4,448.64	3/4	4,626.59	3/4	4,799.95	3/4	4,968.65	3/4	5,131.72	3/4	5,258.69
7/8	3,729.91	7/8	3,910.55	7/8	4,091.18	7/8	4,271.82	7/8	4,452.39	7/8	4,630.26	7/8	4,803.51	7/8	4,972.12	7/8	5,135.07	7/8	5,260.85
4	3,733.67	10	3,914.31	4	4,094.95	10	4,275.59	4	4,456.14	10	4,633.92	4	4,807.07	10	4,975.60	4	5,138.41	10	5,263.01
1/8	3,737.43	1/8	3,918.07	1/8	4,098.71	1/8	4,279.35	1/8	4,459.88	1/8	4,637.57	1/8	4,810.62	1/8	4,979.06	1/8	5,141.73	1/8	5,265.17
1/4	3,741.20	1/4	3,921.84	1/4	4,102.47	1/4	4,283.11	1/4	4,463.62	1/4	4,641.23	1/4	4,814.17	1/4	4,982.52	1/4	5,145.04	1/4	5,267.33
3/8	3,744.96	3/8	3,925.60	3/8	4,106.24	3/8	4,286.88	3/8	4,467.37	3/8	4,644.88	3/8	4,817.72	3/8	4,985.98	3/8	5,148.36	3/8	5,269.49
1/2	3,748.72	1/2	3,929.36	1/2	4,110.00	1/2	4,290.64	1/2	4,471.11	1/2	4,648.53	1/2	4,821.26	1/2	4,989.44	1/2	5,151.68	1/2	5,271.65
5/8	3,752.49	5/8	3,933.13	5/8	4,113.76	5/8	4,294.40	5/8	4,474.85	5/8	4,652.18	5/8	4,824.81	5/8	4,992.90	5/8	5,155.00	5/8	5,273.81
3/4	3,756.25	3/4	3,936.89	3/4	4,117.53	3/4	4,298.17	3/4	4,478.59	3/4	4,655.83	3/4	4,828.36	3/4	4,996.36	3/4	5,158.31	3/4	5,275.97
7/8	3,760.01	7/8	3,940.65	7/8	4,121.29	7/8	4,301.93	7/8	4,482.33	7/8	4,659.48	7/8	4,831.91	7/8	4,999.82	7/8	5,161.63	7/8	5,278.13
5	3,763.78	11	3,944.42	5	4,125.05	11	4,305.69	5	4,486.07	11	4,663.14	5	4,835.45	11	5,003.28	5	5,164.95	11	5,280.29
1/8	3,767.54	1/8	3,948.18	1/8	4,128.82	1/8	4,309.46	1/8	4,489.80	1/8	4,666.77	1/8	4,838.99	1/8	5,006.69	1/8	5,168.27	1/8	5,282.45
1/4	3,771.30	1/4	3,951.94	1/4	4,132.58	1/4	4,313.22	1/4	4,493.52	1/4	4,670.41	1/4	4,842.52	1/4	5,010.10	1/4	5,171.59	1/4	5,284.61
3/8	3,775.07	3/8	3,955.71	3/8	4,136.34	3/8	4,316.98	3/8	4,497.25	3/8	4,674.05	3/8	4,846.05	3/8	5,013.50	3/8	5,174.91	3/8	5,286.77
1/2	3,778.83	1/2	3,959.47	1/2	4,140.11	1/2	4,320.75	1/2	4,500.97	1/2	4,677.68	1/2	4,849.59	1/2	5,016.91	1/2	5,178.23	1/2	5,288.93
5/8	3,782.59	5/8	3,963.23	5/8	4,143.87	5/8	4,324.51	5/8	4,504.70	5/8	4,681.32	5/8	4,853.12	5/8	5,020.32	5/8	5,181.55	5/8	5,291.09
3/4	3,786.36	3/4	3,967.00	3/4	4,147.63	3/4	4,328.27	3/4	4,508.43	3/4	4,684.96	3/4	4,856.65	3/4	5,023.73	3/4	5,184.87	3/4	5,293.25
7/8	3,790.12	7/8	3,970.76	7/8	4,151.40	7/8	4,332.04	7/8	4,512.15	7/8	4,688.59	7/8	4,860.19	7/8	5,027.14	7/8	5,188.19	7/8	5,295.41

STRAPPED: 06/07/2013 PMA
RECALCULATED: 01/19/2023 PMA
VERIFIED: 08/04/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2023

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 29075"

2 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HBC 308"

GAUGE HEIGHT 17'-02 1/2"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	22.89	6	180.79	0	361.48	6	542.18	0	722.88	6	903.57	0	1,076.08	6	1,248.59	0	1,429.29	6	1,610.00
1/8	25.08	1/8	184.55	1/8	365.25	1/8	545.95	1/8	726.64	1/8	907.17	1/8	1,079.67	1/8	1,252.36	1/8	1,433.06	1/8	1,613.76
1/4	27.28	1/4	188.32	1/4	369.01	1/4	549.71	1/4	730.41	1/4	910.77	1/4	1,083.27	1/4	1,256.12	1/4	1,436.82	1/4	1,617.52
3/8	29.47	3/8	192.08	3/8	372.78	3/8	553.47	3/8	734.17	3/8	914.37	3/8	1,086.86	3/8	1,259.89	3/8	1,440.59	3/8	1,621.29
1/2	31.67	1/2	195.85	1/2	376.54	1/2	557.24	1/2	737.93	1/2	917.97	1/2	1,090.45	1/2	1,263.65	1/2	1,444.35	1/2	1,625.05
5/8	33.86	5/8	199.61	5/8	380.31	5/8	561.00	5/8	741.70	5/8	921.56	5/8	1,094.04	5/8	1,267.42	5/8	1,448.12	5/8	1,628.82
3/4	36.06	3/4	203.38	3/4	384.07	3/4	564.77	3/4	745.46	3/4	925.16	3/4	1,097.64	3/4	1,271.18	3/4	1,451.88	3/4	1,632.58
7/8	38.25	7/8	207.14	7/8	387.84	7/8	568.53	7/8	749.23	7/8	928.76	7/8	1,101.23	7/8	1,274.95	7/8	1,455.65	7/8	1,636.35
1	40.45	7	210.90	1	391.60	7	572.30	1	752.99	7	932.36	1	1,104.82	7	1,278.71	1	1,459.41	7	1,640.11
1/8	43.27	1/8	214.67	1/8	395.37	1/8	576.06	1/8	756.76	1/8	935.95	1/8	1,108.42	1/8	1,282.48	1/8	1,463.18	1/8	1,643.88
1/4	46.09	1/4	218.43	1/4	399.13	1/4	579.83	1/4	760.52	1/4	939.55	1/4	1,112.01	1/4	1,286.24	1/4	1,466.94	1/4	1,647.64
3/8	48.92	3/8	222.20	3/8	402.89	3/8	583.59	3/8	764.29	3/8	943.14	3/8	1,115.60	3/8	1,290.00	3/8	1,470.71	3/8	1,651.41
1/2	51.74	1/2	225.96	1/2	406.66	1/2	587.35	1/2	768.05	1/2	946.73	1/2	1,119.20	1/2	1,293.77	1/2	1,474.47	1/2	1,655.17
5/8	54.56	5/8	229.73	5/8	410.42	5/8	591.12	5/8	771.82	5/8	950.32	5/8	1,122.79	5/8	1,297.53	5/8	1,478.23	5/8	1,658.94
3/4	57.39	3/4	233.49	3/4	414.19	3/4	594.88	3/4	775.58	3/4	953.92	3/4	1,126.38	3/4	1,301.30	3/4	1,482.00	3/4	1,662.70
7/8	60.21	7/8	237.26	7/8	417.95	7/8	598.65	7/8	779.34	7/8	957.51	7/8	1,129.97	7/8	1,305.06	7/8	1,485.76	7/8	1,666.46
2	63.03	8	241.02	2	421.72	8	602.41	2	783.11	8	961.10	2	1,133.57	8	1,308.83	2	1,489.53	8	1,670.23
1/8	66.48	1/8	244.79	1/8	425.48	1/8	606.18	1/8	786.87	1/8	964.70	1/8	1,137.16	1/8	1,312.59	1/8	1,493.29	1/8	1,673.99
1/4	69.93	1/4	248.55	1/4	429.25	1/4	609.94	1/4	790.64	1/4	968.29	1/4	1,140.75	1/4	1,316.36	1/4	1,497.06	1/4	1,677.76
3/8	73.38	3/8	252.31	3/8	433.01	3/8	613.71	3/8	794.40	3/8	971.88	3/8	1,144.35	3/8	1,320.12	3/8	1,500.82	3/8	1,681.52
1/2	76.83	1/2	256.08	1/2	436.77	1/2	617.47	1/2	798.17	1/2	975.48	1/2	1,147.94	1/2	1,323.89	1/2	1,504.59	1/2	1,685.29
5/8	80.28	5/8	259.84	5/8	440.54	5/8	621.24	5/8	801.93	5/8	979.07	5/8	1,151.53	5/8	1,327.65	5/8	1,508.35	5/8	1,689.05
3/4	83.73	3/4	263.61	3/4	444.30	3/4	625.00	3/4	805.70	3/4	982.66	3/4	1,155.13	3/4	1,331.41	3/4	1,512.12	3/4	1,692.82
7/8	87.18	7/8	267.37	7/8	448.07	7/8	628.76	7/8	809.46	7/8	986.25	7/8	1,158.72	7/8	1,335.18	7/8	1,515.88	7/8	1,696.58
3	90.63	9	271.14	3	451.83	9	632.53	3	813.22	9	989.85	3	1,162.31	9	1,338.94	3	1,519.64	9	1,700.35
1/8	94.38	1/8	274.90	1/8	455.60	1/8	636.29	1/8	816.99	1/8	993.44	1/8	1,165.90	1/8	1,342.71	1/8	1,523.41	1/8	1,704.11
1/4	98.12	1/4	278.67	1/4	459.36	1/4	640.06	1/4	820.75	1/4	997.03	1/4	1,169.50	1/4	1,346.47	1/4	1,527.17	1/4	1,707.87
3/8	101.87	3/8	282.43	3/8	463.13	3/8	643.82	3/8	824.52	3/8	1,000.63	3/8	1,173.09	3/8	1,350.24	3/8	1,530.94	3/8	1,711.64
1/2	105.62	1/2	286.19	1/2	466.89	1/2	647.59	1/2	828.28	1/2	1,004.22	1/2	1,176.68	1/2	1,354.00	1/2	1,534.70	1/2	1,715.40
5/8	109.36	5/8	289.96	5/8	470.66	5/8	651.35	5/8	832.05	5/8	1,007.81	5/8	1,180.28	5/8	1,357.77	5/8	1,538.47	5/8	1,719.17
3/4	113.11	3/4	293.72	3/4	474.42	3/4	655.12	3/4	835.81	3/4	1,011.41	3/4	1,183.87	3/4	1,361.53	3/4	1,542.23	3/4	1,722.93
7/8	116.86	7/8	297.49	7/8	478.18	7/8	658.88	7/8	839.58	7/8	1,015.00	7/8	1,187.46	7/8	1,365.30	7/8	1,546.00	7/8	1,726.70
4	120.60	10	301.25	4	481.95	10	662.64	4	843.34	10	1,018.59	4	1,191.06	10	1,369.06	4	1,549.76	10	1,730.46
1/8	124.36	1/8	305.02	1/8	485.71	1/8	666.41	1/8	847.11	1/8	1,022.18	1/8	1,194.65	1/8	1,372.83	1/8	1,553.53	1/8	1,734.23
1/4	128.12	1/4	308.78	1/4	489.48	1/4	670.17	1/4	850.87	1/4	1,025.78	1/4	1,198.24	1/4	1,376.59	1/4	1,557.29	1/4	1,737.99
3/8	131.88	3/8	312.55	3/8	493.24	3/8	673.94	3/8	854.63	3/8	1,029.37	3/8	1,201.83	3/8	1,380.35	3/8	1,561.06	3/8	1,741.76
1/2	135.64	1/2	316.31	1/2	497.01	1/2	677.70	1/2	858.40	1/2	1,032.96	1/2	1,205.43	1/2	1,384.12	1/2	1,564.82	1/2	1,745.52
5/8	139.40	5/8	320.08	5/8	500.77	5/8	681.47	5/8	862.16	5/8	1,036.56	5/8	1,209.02	5/8	1,387.88	5/8	1,568.58	5/8	1,749.29
3/4	143.16	3/4	323.84	3/4	504.54	3/4	685.23	3/4	865.93	3/4	1,040.15	3/4	1,212.61	3/4	1,391.65	3/4	1,572.35	3/4	1,753.05
7/8	146.92	7/8	327.60	7/8	508.30	7/8	689.00	7/8	869.69	7/8	1,043.74	7/8	1,216.21	7/8	1,395.41	7/8	1,576.11	7/8	1,756.81
5	150.68	11	331.37	5	512.06	11	692.76	5	873.46	11	1,047.34	5	1,219.80	11	1,399.18	5	1,579.88	11	1,760.58
1/8	154.44	1/8	335.13	1/8	515.83	1/8	696.53	1/8	877.22	1/8	1,050.93	1/8	1,223.40	1/8	1,402.94	1/8	1,583.64	1/8	1,764.34
1/4	158.21	1/4	338.90	1/4	519.59	1/4	700.29	1/4	880.99	1/4	1,054.52	1/4	1,227.00	1/4	1,406.71	1/4	1,587.41	1/4	1,768.11
3/8	161.97	3/8	342.66	3/8	523.36	3/8	704.05	3/8	884.75	3/8	1,058.11	3/8	1,230.60	3/8	1,410.47	3/8	1,591.17	3/8	1,771.87
1/2	165.73	1/2	346.43	1/2	527.12	1/2	707.82	1/2	888.51	1/2	1,061.71	1/2	1,234.20	1/2	1,414.24	1/2	1,594.94	1/2	1,775.64
5/8	169.50	5/8	350.19	5/8	530.89	5/8	711.58	5/8	892.28	5/8	1,065.30	5/8	1,237.80	5/8	1,418.00	5/8	1,598.70	5/8	1,779.40
3/4	173.26	3/4	353.96	3/4	534.65	3/4	715.35	3/4	896.04	3/4	1,068.89	3/4	1,241.40	3/4	1,421.77	3/4	1,602.47	3/4	1,783.17
7/8	177.02	7/8	357.72	7/8	538.42	7/8	719.11	7/8	899.81	7/8	1,072.49	7/8	1,244.99	7/8	1,425.53	7/8	1,606.23	7/8	1,786.93

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 WITH HERMETIC CLOSED GAUGING DEVIE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29075"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HBC 308"

GAUGE HEIGHT 17'-02 1/2"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	1,790.70	6	1,971.40	0	2,152.10	6	2,332.80	0	2,513.50	6	2,694.17	0	2,874.81	6	3,055.45	0	3,236.08	6	3,416.72
1/8	1,794.46	1/8	1,975.16	1/8	2,155.86	1/8	2,336.56	1/8	2,517.26	1/8	2,697.93	1/8	2,878.57	1/8	3,059.21	1/8	3,239.85	1/8	3,420.49
1/4	1,798.23	1/4	1,978.93	1/4	2,159.63	1/4	2,340.33	1/4	2,521.03	1/4	2,701.70	1/4	2,882.33	1/4	3,062.97	1/4	3,243.61	1/4	3,424.25
3/8	1,801.99	3/8	1,982.69	3/8	2,163.39	3/8	2,344.09	3/8	2,524.79	3/8	2,705.46	3/8	2,886.10	3/8	3,066.74	3/8	3,247.37	3/8	3,428.01
1/2	1,805.75	1/2	1,986.46	1/2	2,167.16	1/2	2,347.86	1/2	2,528.56	1/2	2,709.22	1/2	2,889.86	1/2	3,070.50	1/2	3,251.14	1/2	3,431.78
5/8	1,809.52	5/8	1,990.22	5/8	2,170.92	5/8	2,351.62	5/8	2,532.32	5/8	2,712.99	5/8	2,893.62	5/8	3,074.26	5/8	3,254.90	5/8	3,435.54
3/4	1,813.28	3/4	1,993.98	3/4	2,174.69	3/4	2,355.39	3/4	2,536.09	3/4	2,716.75	3/4	2,897.39	3/4	3,078.03	3/4	3,258.66	3/4	3,439.30
7/8	1,817.05	7/8	1,997.75	7/8	2,178.45	7/8	2,359.15	7/8	2,539.85	7/8	2,720.51	7/8	2,901.15	7/8	3,081.79	7/8	3,262.43	7/8	3,443.07
1	1,820.81	7	2,001.51	1	2,182.21	7	2,362.92	1	2,543.62	7	2,724.28	1	2,904.91	7	3,085.55	1	3,266.19	7	3,446.83
1/8	1,824.58	1/8	2,005.28	1/8	2,185.98	1/8	2,366.68	1/8	2,547.38	1/8	2,728.04	1/8	2,908.68	1/8	3,089.32	1/8	3,269.95	1/8	3,450.59
1/4	1,828.34	1/4	2,009.04	1/4	2,189.74	1/4	2,370.44	1/4	2,551.15	1/4	2,731.80	1/4	2,912.44	1/4	3,093.08	1/4	3,273.72	1/4	3,454.36
3/8	1,832.11	3/8	2,012.81	3/8	2,193.51	3/8	2,374.21	3/8	2,554.91	3/8	2,735.57	3/8	2,916.20	3/8	3,096.84	3/8	3,277.48	3/8	3,458.12
1/2	1,835.87	1/2	2,016.57	1/2	2,197.27	1/2	2,377.97	1/2	2,558.67	1/2	2,739.33	1/2	2,919.97	1/2	3,100.61	1/2	3,281.24	1/2	3,461.88
5/8	1,839.64	5/8	2,020.34	5/8	2,201.04	5/8	2,381.74	5/8	2,562.44	5/8	2,743.09	5/8	2,923.73	5/8	3,104.37	5/8	3,285.01	5/8	3,465.65
3/4	1,843.40	3/4	2,024.10	3/4	2,204.80	3/4	2,385.50	3/4	2,566.20	3/4	2,746.86	3/4	2,927.49	3/4	3,108.13	3/4	3,288.77	3/4	3,469.41
7/8	1,847.17	7/8	2,027.87	7/8	2,208.57	7/8	2,389.27	7/8	2,569.97	7/8	2,750.62	7/8	2,931.26	7/8	3,111.90	7/8	3,292.53	7/8	3,473.17
2	1,850.93	8	2,031.63	2	2,212.33	8	2,393.03	2	2,573.73	8	2,754.38	2	2,935.02	8	3,115.66	2	3,296.30	8	3,476.94
1/8	1,854.69	1/8	2,035.40	1/8	2,216.10	1/8	2,396.80	1/8	2,577.50	1/8	2,758.14	1/8	2,938.78	1/8	3,119.42	1/8	3,300.06	1/8	3,480.70
1/4	1,858.46	1/4	2,039.16	1/4	2,219.86	1/4	2,400.56	1/4	2,581.26	1/4	2,761.91	1/4	2,942.55	1/4	3,123.19	1/4	3,303.82	1/4	3,484.46
3/8	1,862.22	3/8	2,042.92	3/8	2,223.63	3/8	2,404.33	3/8	2,585.03	3/8	2,765.67	3/8	2,946.31	3/8	3,126.95	3/8	3,307.59	3/8	3,488.23
1/2	1,865.99	1/2	2,046.69	1/2	2,227.39	1/2	2,408.09	1/2	2,588.79	1/2	2,769.43	1/2	2,950.07	1/2	3,130.71	1/2	3,311.35	1/2	3,491.99
5/8	1,869.75	5/8	2,050.45	5/8	2,231.15	5/8	2,411.86	5/8	2,592.56	5/8	2,773.20	5/8	2,953.84	5/8	3,134.47	5/8	3,315.11	5/8	3,495.75
3/4	1,873.52	3/4	2,054.22	3/4	2,234.92	3/4	2,415.62	3/4	2,596.32	3/4	2,776.96	3/4	2,957.60	3/4	3,138.24	3/4	3,318.88	3/4	3,499.52
7/8	1,877.28	7/8	2,057.98	7/8	2,238.68	7/8	2,419.38	7/8	2,600.08	7/8	2,780.72	7/8	2,961.36	7/8	3,142.00	7/8	3,322.64	7/8	3,503.28
3	1,881.05	9	2,061.75	3	2,242.45	9	2,423.15	3	2,603.85	9	2,784.49	3	2,965.13	9	3,145.76	3	3,326.40	9	3,507.04
1/8	1,884.81	1/8	2,065.51	1/8	2,246.21	1/8	2,426.91	1/8	2,607.61	1/8	2,788.25	1/8	2,968.89	1/8	3,149.53	1/8	3,330.17	1/8	3,510.80
1/4	1,888.58	1/4	2,069.28	1/4	2,249.98	1/4	2,430.68	1/4	2,611.38	1/4	2,792.01	1/4	2,972.65	1/4	3,153.29	1/4	3,333.93	1/4	3,514.57
3/8	1,892.34	3/8	2,073.04	3/8	2,253.74	3/8	2,434.44	3/8	2,615.14	3/8	2,795.78	3/8	2,976.42	3/8	3,157.05	3/8	3,337.69	3/8	3,518.33
1/2	1,896.10	1/2	2,076.81	1/2	2,257.51	1/2	2,438.21	1/2	2,618.90	1/2	2,799.54	1/2	2,980.18	1/2	3,160.82	1/2	3,341.46	1/2	3,522.09
5/8	1,899.87	5/8	2,080.57	5/8	2,261.27	5/8	2,441.97	5/8	2,622.67	5/8	2,803.30	5/8	2,983.94	5/8	3,164.58	5/8	3,345.22	5/8	3,525.86
3/4	1,903.63	3/4	2,084.33	3/4	2,265.04	3/4	2,445.74	3/4	2,626.43	3/4	2,807.07	3/4	2,987.71	3/4	3,168.34	3/4	3,348.98	3/4	3,529.62
7/8	1,907.40	7/8	2,088.10	7/8	2,268.80	7/8	2,449.50	7/8	2,630.19	7/8	2,810.83	7/8	2,991.47	7/8	3,172.11	7/8	3,352.75	7/8	3,533.38
4	1,911.16	10	2,091.86	4	2,272.56	10	2,453.27	4	2,633.96	10	2,814.59	4	2,995.23	10	3,175.87	4	3,356.51	10	3,537.15
1/8	1,914.93	1/8	2,095.63	1/8	2,276.33	1/8	2,457.03	1/8	2,637.72	1/8	2,818.36	1/8	2,999.00	1/8	3,179.63	1/8	3,360.27	1/8	3,540.91
1/4	1,918.69	1/4	2,099.39	1/4	2,280.09	1/4	2,460.79	1/4	2,641.48	1/4	2,822.12	1/4	3,002.76	1/4	3,183.40	1/4	3,364.04	1/4	3,544.67
3/8	1,922.46	3/8	2,103.16	3/8	2,283.86	3/8	2,464.56	3/8	2,645.25	3/8	2,825.88	3/8	3,006.52	3/8	3,187.16	3/8	3,367.80	3/8	3,548.44
1/2	1,926.22	1/2	2,106.92	1/2	2,287.62	1/2	2,468.32	1/2	2,649.01	1/2	2,829.65	1/2	3,010.29	1/2	3,190.92	1/2	3,371.56	1/2	3,552.20
5/8	1,929.99	5/8	2,110.69	5/8	2,291.39	5/8	2,472.09	5/8	2,652.77	5/8	2,833.41	5/8	3,014.05	5/8	3,194.69	5/8	3,375.33	5/8	3,555.96
3/4	1,933.75	3/4	2,114.45	3/4	2,295.15	3/4	2,475.85	3/4	2,656.54	3/4	2,837.17	3/4	3,017.81	3/4	3,198.45	3/4	3,379.09	3/4	3,559.73
7/8	1,937.52	7/8	2,118.22	7/8	2,298.92	7/8	2,479.62	7/8	2,660.30	7/8	2,840.94	7/8	3,021.58	7/8	3,202.21	7/8	3,382.85	7/8	3,563.49
5	1,941.28	11	2,121.98	5	2,302.68	11	2,483.38	5	2,664.06	11	2,844.70	5	3,025.34	11	3,205.98	5	3,386.62	11	3,567.25
1/8	1,945.04	1/8	2,125.75	1/8	2,306.45	1/8	2,487.15	1/8	2,667.83	1/8	2,848.46	1/8	3,029.10	1/8	3,209.74	1/8	3,390.38	1/8	3,571.02
1/4	1,948.81	1/4	2,129.51	1/4	2,310.21	1/4	2,490.91	1/4	2,671.59	1/4	2,852.23	1/4	3,032.87	1/4	3,213.50	1/4	3,394.14	1/4	3,574.78
3/8	1,952.57	3/8	2,133.27	3/8	2,313.98	3/8	2,494.68	3/8	2,675.35	3/8	2,855.99	3/8	3,036.63	3/8	3,217.27	3/8	3,397.91	3/8	3,578.54
1/2	1,956.34	1/2	2,137.04	1/2	2,317.74	1/2	2,498.44	1/2	2,679.12	1/2	2,859.75	1/2	3,040.39	1/2	3,221.03	1/2	3,401.67	1/2	3,582.31
5/8	1,960.10	5/8	2,140.80	5/8	2,321.50	5/8	2,502.21	5/8	2,682.88	5/8	2,863.52	5/8	3,044.16	5/8	3,224.79	5/8	3,405.43	5/8	3,586.07
3/4	1,963.87	3/4	2,144.57	3/4	2,325.27	3/4	2,505.97	3/4	2,686.64	3/4	2,867.28	3/4	3,047.92	3/4	3,228.56	3/4	3,409.20	3/4	3,589.83
7/8	1,967.63	7/8	2,148.33	7/8	2,329.03	7/8	2,509.73	7/8	2,690.41	7/8	2,871.04	7/8	3,051.68	7/8	3,232.32	7/8	3,412.96	7/8	3,593.60

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 29075"

2 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HBC 308"

GAUGE HEIGHT 17'-02 1/2"

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	3,597.36	6	3,778.00	0	3,958.64	6	4,139.28	0	4,319.91	6	4,499.99	0	4,676.35	6	4,847.84	0	5,014.67	6	5,173.11
1/8	3,601.12	1/8	3,781.76	1/8	3,962.40	1/8	4,143.04	1/8	4,323.68	1/8	4,503.70	1/8	4,679.97	1/8	4,851.35	1/8	5,018.06	1/8	5,175.88
1/4	3,604.89	1/4	3,785.53	1/4	3,966.16	1/4	4,146.80	1/4	4,327.44	1/4	4,507.42	1/4	4,683.59	1/4	4,854.87	1/4	5,021.46	1/4	5,178.65
3/8	3,608.65	3/8	3,789.29	3/8	3,969.93	3/8	4,150.57	3/8	4,331.20	3/8	4,511.13	3/8	4,687.21	3/8	4,858.39	3/8	5,024.85	3/8	5,181.43
1/2	3,612.41	1/2	3,793.05	1/2	3,973.69	1/2	4,154.33	1/2	4,334.97	1/2	4,514.84	1/2	4,690.83	1/2	4,861.91	1/2	5,028.24	1/2	5,184.20
5/8	3,616.18	5/8	3,796.82	5/8	3,977.45	5/8	4,158.09	5/8	4,338.73	5/8	4,518.55	5/8	4,694.46	5/8	4,865.43	5/8	5,031.64	5/8	5,186.97
3/4	3,619.94	3/4	3,800.58	3/4	3,981.22	3/4	4,161.86	3/4	4,342.49	3/4	4,522.26	3/4	4,698.08	3/4	4,868.94	3/4	5,035.03	3/4	5,189.74
7/8	3,623.70	7/8	3,804.34	7/8	3,984.98	7/8	4,165.62	7/8	4,346.26	7/8	4,525.97	7/8	4,701.70	7/8	4,872.46	7/8	5,038.43	7/8	5,192.52
1	3,627.47	7	3,808.11	1	3,988.74	7	4,169.38	1	4,350.02	7	4,529.68	1	4,705.32	7	4,875.98	1	5,041.82	7	5,195.29
1/8	3,631.23	1/8	3,811.87	1/8	3,992.51	1/8	4,173.15	1/8	4,353.78	1/8	4,533.38	1/8	4,708.91	1/8	4,879.48	1/8	5,045.20	1/8	5,197.45
1/4	3,634.99	1/4	3,815.63	1/4	3,996.27	1/4	4,176.91	1/4	4,357.55	1/4	4,537.08	1/4	4,712.51	1/4	4,882.99	1/4	5,048.58	1/4	5,199.61
3/8	3,638.76	3/8	3,819.40	3/8	4,000.03	3/8	4,180.67	3/8	4,361.31	3/8	4,540.77	3/8	4,716.10	3/8	4,886.49	3/8	5,051.96	3/8	5,201.77
1/2	3,642.52	1/2	3,823.16	1/2	4,003.80	1/2	4,184.44	1/2	4,365.07	1/2	4,544.47	1/2	4,719.69	1/2	4,889.99	1/2	5,055.34	1/2	5,203.93
5/8	3,646.28	5/8	3,826.92	5/8	4,007.56	5/8	4,188.20	5/8	4,368.84	5/8	4,548.16	5/8	4,723.29	5/8	4,893.50	5/8	5,058.72	5/8	5,206.09
3/4	3,650.05	3/4	3,830.69	3/4	4,011.32	3/4	4,191.96	3/4	4,372.60	3/4	4,551.86	3/4	4,726.88	3/4	4,897.00	3/4	5,062.10	3/4	5,208.25
7/8	3,653.81	7/8	3,834.45	7/8	4,015.09	7/8	4,195.73	7/8	4,376.36	7/8	4,555.56	7/8	4,730.47	7/8	4,900.50	7/8	5,065.48	7/8	5,210.41
2	3,657.57	8	3,838.21	2	4,018.85	8	4,199.49	2	4,380.13	8	4,559.25	2	4,734.06	8	4,904.01	2	5,068.86	8	5,212.57
1/8	3,661.34	1/8	3,841.98	1/8	4,022.61	1/8	4,203.25	1/8	4,383.89	1/8	4,562.94	1/8	4,737.64	1/8	4,907.50	1/8	5,072.22	1/8	5,214.73
1/4	3,665.10	1/4	3,845.74	1/4	4,026.38	1/4	4,207.02	1/4	4,387.65	1/4	4,566.62	1/4	4,741.22	1/4	4,910.98	1/4	5,075.59	1/4	5,216.89
3/8	3,668.86	3/8	3,849.50	3/8	4,030.14	3/8	4,210.78	3/8	4,391.42	3/8	4,570.30	3/8	4,744.80	3/8	4,914.47	3/8	5,078.95	3/8	5,219.05
1/2	3,672.63	1/2	3,853.27	1/2	4,033.90	1/2	4,214.54	1/2	4,395.18	1/2	4,573.98	1/2	4,748.37	1/2	4,917.96	1/2	5,082.32	1/2	5,221.21
5/8	3,676.39	5/8	3,857.03	5/8	4,037.67	5/8	4,218.31	5/8	4,398.94	5/8	4,577.66	5/8	4,751.95	5/8	4,921.45	5/8	5,085.68	5/8	5,223.37
3/4	3,680.15	3/4	3,860.79	3/4	4,041.43	3/4	4,222.07	3/4	4,402.71	3/4	4,581.34	3/4	4,755.53	3/4	4,924.94	3/4	5,089.04	3/4	5,225.53
7/8	3,683.92	7/8	3,864.56	7/8	4,045.19	7/8	4,225.83	7/8	4,406.47	7/8	4,585.02	7/8	4,759.11	7/8	4,928.43	7/8	5,092.41	7/8	5,227.69
3	3,687.68	9	3,868.32	3	4,048.96	9	4,229.60	3	4,410.23	9	4,588.71	3	4,762.68	9	4,931.92	3	5,095.77	9	5,229.85
1/8	3,691.44	1/8	3,872.08	1/8	4,052.72	1/8	4,233.36	1/8	4,413.99	1/8	4,592.37	1/8	4,766.25	1/8	4,935.39	1/8	5,099.12	1/8	5,232.01
1/4	3,695.21	1/4	3,875.85	1/4	4,056.48	1/4	4,237.12	1/4	4,417.74	1/4	4,596.04	1/4	4,769.81	1/4	4,938.86	1/4	5,102.46	1/4	5,234.17
3/8	3,698.97	3/8	3,879.61	3/8	4,060.25	3/8	4,240.89	3/8	4,421.49	3/8	4,599.71	3/8	4,773.37	3/8	4,942.34	3/8	5,105.80	3/8	5,236.33
1/2	3,702.73	1/2	3,883.37	1/2	4,064.01	1/2	4,244.65	1/2	4,425.25	1/2	4,603.37	1/2	4,776.94	1/2	4,945.81	1/2	5,109.15	1/2	5,238.49
5/8	3,706.50	5/8	3,887.13	5/8	4,067.77	5/8	4,248.41	5/8	4,429.00	5/8	4,607.04	5/8	4,780.50	5/8	4,949.29	5/8	5,112.49	5/8	5,240.65
3/4	3,710.26	3/4	3,890.90	3/4	4,071.54	3/4	4,252.18	3/4	4,432.75	3/4	4,610.70	3/4	4,784.06	3/4	4,952.76	3/4	5,115.84	3/4	5,242.81
7/8	3,714.02	7/8	3,894.66	7/8	4,075.30	7/8	4,255.94	7/8	4,436.50	7/8	4,614.37	7/8	4,787.62	7/8	4,956.24	7/8	5,119.18	7/8	5,244.97
4	3,717.79	10	3,898.42	4	4,079.06	10	4,259.70	4	4,440.26	10	4,618.04	4	4,791.19	10	4,959.71	4	5,122.53	10	5,247.13
1/8	3,721.55	1/8	3,902.19	1/8	4,082.83	1/8	4,263.46	1/8	4,444.00	1/8	4,621.69	1/8	4,794.73	1/8	4,963.17	1/8	5,125.85	1/8	5,249.29
1/4	3,725.31	1/4	3,905.95	1/4	4,086.59	1/4	4,267.23	1/4	4,447.74	1/4	4,625.34	1/4	4,798.28	1/4	4,966.63	1/4	5,129.16	1/4	5,251.45
3/8	3,729.08	3/8	3,909.71	3/8	4,090.35	3/8	4,270.99	3/8	4,451.48	3/8	4,628.99	3/8	4,801.83	3/8	4,970.09	3/8	5,132.48	3/8	5,253.61
1/2	3,732.84	1/2	3,913.48	1/2	4,094.12	1/2	4,274.75	1/2	4,455.22	1/2	4,632.64	1/2	4,805.38	1/2	4,973.55	1/2	5,135.80	1/2	5,255.77
5/8	3,736.60	5/8	3,917.24	5/8	4,097.88	5/8	4,278.52	5/8	4,458.96	5/8	4,636.30	5/8	4,808.93	5/8	4,977.01	5/8	5,139.11	5/8	5,257.93
3/4	3,740.37	3/4	3,921.00	3/4	4,101.64	3/4	4,282.28	3/4	4,462.70	3/4	4,639.95	3/4	4,812.47	3/4	4,980.47	3/4	5,142.43	3/4	5,260.09
7/8	3,744.13	7/8	3,924.77	7/8	4,105.41	7/8	4,286.04	7/8	4,466.44	7/8	4,643.60	7/8	4,816.02	7/8	4,983.93	7/8	5,145.75	7/8	5,262.25
5	3,747.89	11	3,928.53	5	4,109.17	11	4,289.81	5	4,470.18	11	4,647.25	5	4,819.57	11	4,987.39	5	5,149.06	11	5,264.41
1/8	3,751.66	1/8	3,932.29	1/8	4,112.93	1/8	4,293.57	1/8	4,473.91	1/8	4,650.89	1/8	4,823.10	1/8	4,990.80	1/8	5,152.07	1/8	5,266.57
1/4	3,755.42	1/4	3,936.06	1/4	4,116.70	1/4	4,297.33	1/4	4,477.64	1/4	4,654.53	1/4	4,826.64	1/4	4,994.21	1/4	5,155.08	1/4	5,268.73
3/8	3,759.18	3/8	3,939.82	3/8	4,120.46	3/8	4,301.10	3/8	4,481.36	3/8	4,658.16	3/8	4,830.17	3/8	4,997.62	3/8	5,158.08	3/8	5,270.89
1/2	3,762.95	1/2	3,943.58	1/2	4,124.22	1/2	4,304.86	1/2	4,485.09	1/2	4,661.80	1/2	4,833.70	1/2	5,001.03	1/2	5,161.09	1/2	5,273.05
5/8	3,766.71	5/8	3,947.35	5/8	4,127.99	5/8	4,308.62	5/8	4,488.82	5/8	4,665.44	5/8	4,837.24	5/8	5,004.44	5/8	5,164.09	5/8	5,275.21
3/4	3,770.47	3/4	3,951.11	3/4	4,131.75	3/4	4,312.39	3/4	4,492.54	3/4	4,669.07	3/4	4,840.77	3/4	5,007.85	3/4	5,167.10	3/4	5,277.37
7/8	3,774.24	7/8	3,954.87	7/8	4,135.51	7/8	4,316.15	7/8	4,496.27	7/8	4,672.71	7/8	4,844.30	7/8	5,011.26	7/8	5,170.10	7/8	5,279.53

STRAPPED: 06/07/2013 PMA
RECALCULATED: 01/19/2023 PMA
VERIFIED: 08/04/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2023

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 29075"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HBC 308"

GAUGE HEIGHT 17'-03 1/2"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	22.88	6	180.71	0	361.32	6	541.94	0	722.55	6	903.17	0	1,083.56	6	1,264.02	0	1,444.64	6	1,625.26
1/8	25.07	1/8	184.47	1/8	365.09	1/8	545.70	1/8	726.32	1/8	906.93	1/8	1,087.32	1/8	1,267.78	1/8	1,448.40	1/8	1,629.02
1/4	27.27	1/4	188.24	1/4	368.85	1/4	549.46	1/4	730.08	1/4	910.68	1/4	1,091.08	1/4	1,271.54	1/4	1,452.16	1/4	1,632.78
3/8	29.46	3/8	192.00	3/8	372.61	3/8	553.23	3/8	733.84	3/8	914.44	3/8	1,094.83	3/8	1,275.31	3/8	1,455.93	3/8	1,636.54
1/2	31.66	1/2	195.76	1/2	376.38	1/2	556.99	1/2	737.60	1/2	918.20	1/2	1,098.59	1/2	1,279.07	1/2	1,459.69	1/2	1,640.31
5/8	33.85	5/8	199.52	5/8	380.14	5/8	560.75	5/8	741.37	5/8	921.96	5/8	1,102.35	5/8	1,282.83	5/8	1,463.45	5/8	1,644.07
3/4	36.05	3/4	203.29	3/4	383.90	3/4	564.52	3/4	745.13	3/4	925.72	3/4	1,106.11	3/4	1,286.60	3/4	1,467.21	3/4	1,647.83
7/8	38.24	7/8	207.05	7/8	387.66	7/8	568.28	7/8	748.89	7/8	929.48	7/8	1,109.87	7/8	1,290.36	7/8	1,470.98	7/8	1,651.60
1	40.43	7	210.81	1	391.43	7	572.04	1	752.66	7	933.24	1	1,113.63	7	1,294.12	1	1,474.74	7	1,655.36
1/8	43.26	1/8	214.58	1/8	395.19	1/8	575.80	1/8	756.42	1/8	936.99	1/8	1,117.38	1/8	1,297.88	1/8	1,478.50	1/8	1,659.12
1/4	46.08	1/4	218.34	1/4	398.95	1/4	579.57	1/4	760.18	1/4	940.75	1/4	1,121.14	1/4	1,301.65	1/4	1,482.27	1/4	1,662.89
3/8	48.90	3/8	222.10	3/8	402.72	3/8	583.33	3/8	763.94	3/8	944.51	3/8	1,124.90	3/8	1,305.41	3/8	1,486.03	3/8	1,666.65
1/2	51.72	1/2	225.86	1/2	406.48	1/2	587.09	1/2	767.71	1/2	948.27	1/2	1,128.66	1/2	1,309.17	1/2	1,489.79	1/2	1,670.41
5/8	54.54	5/8	229.63	5/8	410.24	5/8	590.86	5/8	771.47	5/8	952.03	5/8	1,132.42	5/8	1,312.94	5/8	1,493.55	5/8	1,674.17
3/4	57.36	3/4	233.39	3/4	414.00	3/4	594.62	3/4	775.23	3/4	955.78	3/4	1,136.17	3/4	1,316.70	3/4	1,497.32	3/4	1,677.94
7/8	60.19	7/8	237.15	7/8	417.77	7/8	598.38	7/8	779.00	7/8	959.54	7/8	1,139.93	7/8	1,320.46	7/8	1,501.08	7/8	1,681.70
2	63.01	8	240.91	2	421.53	8	602.14	2	782.76	8	963.30	2	1,143.69	8	1,324.22	2	1,504.84	8	1,685.46
1/8	66.46	1/8	244.68	1/8	425.29	1/8	605.91	1/8	786.52	1/8	967.06	1/8	1,147.45	1/8	1,327.99	1/8	1,508.61	1/8	1,689.23
1/4	69.90	1/4	248.44	1/4	429.05	1/4	609.67	1/4	790.28	1/4	970.82	1/4	1,151.21	1/4	1,331.75	1/4	1,512.37	1/4	1,692.99
3/8	73.35	3/8	252.20	3/8	432.82	3/8	613.43	3/8	794.05	3/8	974.58	3/8	1,154.96	3/8	1,335.51	3/8	1,516.13	3/8	1,696.75
1/2	76.80	1/2	255.97	1/2	436.58	1/2	617.19	1/2	797.81	1/2	978.33	1/2	1,158.72	1/2	1,339.28	1/2	1,519.90	1/2	1,700.51
5/8	80.25	5/8	259.73	5/8	440.34	5/8	620.96	5/8	801.57	5/8	982.09	5/8	1,162.48	5/8	1,343.04	5/8	1,523.66	5/8	1,704.28
3/4	83.70	3/4	263.49	3/4	444.11	3/4	624.72	3/4	805.33	3/4	985.85	3/4	1,166.24	3/4	1,346.80	3/4	1,527.42	3/4	1,708.04
7/8	87.14	7/8	267.25	7/8	447.87	7/8	628.48	7/8	809.10	7/8	989.61	7/8	1,170.00	7/8	1,350.56	7/8	1,531.18	7/8	1,711.80
3	90.59	9	271.02	3	451.63	9	632.25	3	812.86	9	993.37	3	1,173.75	9	1,354.33	3	1,534.95	9	1,715.57
1/8	94.34	1/8	274.78	1/8	455.39	1/8	636.01	1/8	816.62	1/8	997.12	1/8	1,177.51	1/8	1,358.09	1/8	1,538.71	1/8	1,719.33
1/4	98.08	1/4	278.54	1/4	459.16	1/4	639.77	1/4	820.39	1/4	1,000.88	1/4	1,181.27	1/4	1,361.85	1/4	1,542.47	1/4	1,723.09
3/8	101.83	3/8	282.31	3/8	462.92	3/8	643.53	3/8	824.15	3/8	1,004.64	3/8	1,185.03	3/8	1,365.62	3/8	1,546.24	3/8	1,726.85
1/2	105.57	1/2	286.07	1/2	466.68	1/2	647.30	1/2	827.91	1/2	1,008.40	1/2	1,188.79	1/2	1,369.38	1/2	1,550.00	1/2	1,730.62
5/8	109.32	5/8	289.83	5/8	470.45	5/8	651.06	5/8	831.67	5/8	1,012.16	5/8	1,192.55	5/8	1,373.14	5/8	1,553.76	5/8	1,734.38
3/4	113.06	3/4	293.59	3/4	474.21	3/4	654.82	3/4	835.44	3/4	1,015.91	3/4	1,196.30	3/4	1,376.90	3/4	1,557.52	3/4	1,738.14
7/8	116.81	7/8	297.36	7/8	477.97	7/8	658.59	7/8	839.20	7/8	1,019.67	7/8	1,200.06	7/8	1,380.67	7/8	1,561.29	7/8	1,741.91
4	120.55	10	301.12	4	481.73	10	662.35	4	842.96	10	1,023.43	4	1,203.82	10	1,384.43	4	1,565.05	10	1,745.67
1/8	124.31	1/8	304.88	1/8	485.50	1/8	666.11	1/8	846.73	1/8	1,027.19	1/8	1,207.58	1/8	1,388.19	1/8	1,568.81	1/8	1,749.43
1/4	128.07	1/4	308.65	1/4	489.26	1/4	669.87	1/4	850.49	1/4	1,030.95	1/4	1,211.34	1/4	1,391.96	1/4	1,572.58	1/4	1,753.19
3/8	131.83	3/8	312.41	3/8	493.02	3/8	673.64	3/8	854.25	3/8	1,034.70	3/8	1,215.11	3/8	1,395.72	3/8	1,576.34	3/8	1,756.96
1/2	135.58	1/2	316.17	1/2	496.79	1/2	677.40	1/2	858.01	1/2	1,038.46	1/2	1,218.87	1/2	1,399.48	1/2	1,580.10	1/2	1,760.72
5/8	139.34	5/8	319.93	5/8	500.55	5/8	681.16	5/8	861.78	5/8	1,042.22	5/8	1,222.63	5/8	1,403.25	5/8	1,583.86	5/8	1,764.48
3/4	143.10	3/4	323.70	3/4	504.31	3/4	684.93	3/4	865.54	3/4	1,045.98	3/4	1,226.39	3/4	1,407.01	3/4	1,587.63	3/4	1,768.25
7/8	146.86	7/8	327.46	7/8	508.07	7/8	688.69	7/8	869.30	7/8	1,049.74	7/8	1,230.15	7/8	1,410.77	7/8	1,591.39	7/8	1,772.01
5	150.61	11	331.22	5	511.84	11	692.45	5	873.06	11	1,053.50	5	1,233.91	11	1,414.53	5	1,595.15	11	1,775.77
1/8	154.38	1/8	334.98	1/8	515.60	1/8	696.21	1/8	876.83	1/8	1,057.25	1/8	1,237.68	1/8	1,418.30	1/8	1,598.92	1/8	1,779.54
1/4	158.14	1/4	338.75	1/4	519.36	1/4	699.98	1/4	880.59	1/4	1,061.01	1/4	1,241.44	1/4	1,422.06	1/4	1,602.68	1/4	1,783.30
3/8	161.90	3/8	342.51	3/8	523.12	3/8	703.74	3/8	884.35	3/8	1,064.77	3/8	1,245.20	3/8	1,425.82	3/8	1,606.44	3/8	1,787.06
1/2	165.66	1/2	346.27	1/2	526.89	1/2	707.50	1/2	888.12	1/2	1,068.53	1/2	1,249.97	1/2	1,429.59	1/2	1,610.20	1/2	1,790.82
5/8	169.42	5/8	350.04	5/8	530.65	5/8	711.26	5/8	891.88	5/8	1,072.29	5/8	1,252.73	5/8	1,433.35	5/8	1,613.97	5/8	1,794.59
3/4	173.19	3/4	353.80	3/4	534.41	3/4	715.03	3/4	895.64	3/4	1,076.04	3/4	1,256.49	3/4	1,437.11	3/4	1,617.73	3/4	1,798.35
7/8	176.95	7/8	357.56	7/8	538.18	7/8	718.79	7/8	899.40	7/8	1,079.80	7/8	1,260.25	7/8	1,440.87	7/8	1,621.49	7/8	1,802.11

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 WITH HERMETIC CLOSED GAUGING DEVIE.

GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29075"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HBC 308"

GAUGE HEIGHT 17'-03 1/2"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	1,805.88	6	1,986.49	0	2,167.08	6	2,347.66	0	2,528.24	6	2,708.80	0	2,889.19	6	3,069.43	0	3,249.25	6	3,428.85
1/8	1,809.64	1/8	1,990.26	1/8	2,170.85	1/8	2,351.42	1/8	2,532.00	1/8	2,712.56	1/8	2,892.95	1/8	3,073.18	1/8	3,252.99	1/8	3,432.60
1/4	1,813.40	1/4	1,994.02	1/4	2,174.61	1/4	2,355.19	1/4	2,535.76	1/4	2,716.32	1/4	2,896.70	1/4	3,076.94	1/4	3,256.73	1/4	3,436.34
3/8	1,817.16	3/8	1,997.78	3/8	2,178.37	3/8	2,358.95	3/8	2,539.52	3/8	2,720.08	3/8	2,900.46	3/8	3,080.69	3/8	3,260.46	3/8	3,440.09
1/2	1,820.93	1/2	2,001.55	1/2	2,182.13	1/2	2,362.71	1/2	2,543.29	1/2	2,723.84	1/2	2,904.21	1/2	3,084.45	1/2	3,264.20	1/2	3,443.83
5/8	1,824.69	5/8	2,005.31	5/8	2,185.89	5/8	2,366.47	5/8	2,547.05	5/8	2,727.61	5/8	2,907.97	5/8	3,088.20	5/8	3,267.94	5/8	3,447.58
3/4	1,828.45	3/4	2,009.07	3/4	2,189.66	3/4	2,370.23	3/4	2,550.81	3/4	2,731.37	3/4	2,911.72	3/4	3,091.96	3/4	3,271.68	3/4	3,451.32
7/8	1,832.22	7/8	2,012.83	7/8	2,193.42	7/8	2,374.00	7/8	2,554.57	7/8	2,735.13	7/8	2,915.48	7/8	3,095.71	7/8	3,275.42	7/8	3,455.07
1	1,835.98	7	2,016.60	1	2,197.18	7	2,377.76	1	2,558.33	7	2,738.89	1	2,919.23	7	3,099.47	1	3,279.15	7	3,458.82
1/8	1,839.74	1/8	2,020.36	1/8	2,200.94	1/8	2,381.52	1/8	2,562.10	1/8	2,742.65	1/8	2,922.99	1/8	3,103.22	1/8	3,282.89	1/8	3,462.56
1/4	1,843.50	1/4	2,024.12	1/4	2,204.70	1/4	2,385.28	1/4	2,565.86	1/4	2,746.41	1/4	2,926.74	1/4	3,106.98	1/4	3,286.63	1/4	3,466.31
3/8	1,847.27	3/8	2,027.89	3/8	2,208.47	3/8	2,389.04	3/8	2,569.62	3/8	2,750.17	3/8	2,930.50	3/8	3,110.73	3/8	3,290.37	3/8	3,470.05
1/2	1,851.03	1/2	2,031.65	1/2	2,212.23	1/2	2,392.81	1/2	2,573.38	1/2	2,753.94	1/2	2,934.25	1/2	3,114.49	1/2	3,294.10	1/2	3,473.80
5/8	1,854.79	5/8	2,035.41	5/8	2,215.99	5/8	2,396.57	5/8	2,577.14	5/8	2,757.70	5/8	2,938.01	5/8	3,118.24	5/8	3,297.84	5/8	3,477.54
3/4	1,858.56	3/4	2,039.18	3/4	2,219.75	3/4	2,400.33	3/4	2,580.91	3/4	2,761.46	3/4	2,941.76	3/4	3,122.00	3/4	3,301.58	3/4	3,481.29
7/8	1,862.32	7/8	2,042.94	7/8	2,223.52	7/8	2,404.09	7/8	2,584.67	7/8	2,765.22	7/8	2,945.52	7/8	3,125.75	7/8	3,305.32	7/8	3,485.03
2	1,866.08	8	2,046.70	2	2,227.28	8	2,407.85	2	2,588.43	8	2,768.98	2	2,949.27	8	3,129.51	2	3,309.05	8	3,488.78
1/8	1,869.84	1/8	2,050.46	1/8	2,231.04	1/8	2,411.62	1/8	2,592.19	1/8	2,772.74	1/8	2,953.03	1/8	3,133.26	1/8	3,312.79	1/8	3,492.53
1/4	1,873.61	1/4	2,054.22	1/4	2,234.80	1/4	2,415.38	1/4	2,595.95	1/4	2,776.50	1/4	2,956.78	1/4	3,137.02	1/4	3,316.53	1/4	3,496.27
3/8	1,877.37	3/8	2,057.99	3/8	2,238.56	3/8	2,419.14	3/8	2,599.72	3/8	2,780.27	3/8	2,960.54	3/8	3,140.77	3/8	3,320.27	3/8	3,500.02
1/2	1,881.13	1/2	2,061.75	1/2	2,242.33	1/2	2,422.90	1/2	2,603.48	1/2	2,784.03	1/2	2,964.29	1/2	3,144.53	1/2	3,324.01	1/2	3,503.76
5/8	1,884.90	5/8	2,065.51	5/8	2,246.09	5/8	2,426.66	5/8	2,607.24	5/8	2,787.79	5/8	2,968.05	5/8	3,148.28	5/8	3,327.74	5/8	3,507.51
3/4	1,888.66	3/4	2,069.27	3/4	2,249.85	3/4	2,430.43	3/4	2,611.00	3/4	2,791.55	3/4	2,971.80	3/4	3,152.04	3/4	3,331.48	3/4	3,511.25
7/8	1,892.42	7/8	2,073.03	7/8	2,253.61	7/8	2,434.19	7/8	2,614.76	7/8	2,795.31	7/8	2,975.56	7/8	3,155.79	7/8	3,335.22	7/8	3,515.00
3	1,896.18	9	2,076.80	3	2,257.37	9	2,437.95	3	2,618.53	9	2,799.08	3	2,979.31	9	3,159.55	3	3,338.96	9	3,518.75
1/8	1,899.95	1/8	2,080.56	1/8	2,261.14	1/8	2,441.71	1/8	2,622.29	1/8	2,802.83	1/8	2,983.07	1/8	3,163.28	1/8	3,342.70	1/8	3,520.77
1/4	1,903.71	1/4	2,084.32	1/4	2,264.90	1/4	2,445.47	1/4	2,626.05	1/4	2,806.59	1/4	2,986.82	1/4	3,167.02	1/4	3,346.45	1/4	3,522.79
3/8	1,907.47	3/8	2,088.08	3/8	2,268.66	3/8	2,449.24	3/8	2,629.81	3/8	2,810.34	3/8	2,990.58	3/8	3,170.76	3/8	3,350.19	3/8	3,524.82
1/2	1,911.24	1/2	2,091.84	1/2	2,272.42	1/2	2,453.00	1/2	2,633.57	1/2	2,814.10	1/2	2,994.33	1/2	3,174.50	1/2	3,353.94	1/2	3,526.84
5/8	1,915.00	5/8	2,095.61	5/8	2,276.18	5/8	2,456.76	5/8	2,637.33	5/8	2,817.85	5/8	2,998.09	5/8	3,178.24	5/8	3,357.68	5/8	3,528.86
3/4	1,918.76	3/4	2,099.37	3/4	2,279.95	3/4	2,460.52	3/4	2,641.09	3/4	2,821.61	3/4	3,001.84	3/4	3,181.97	3/4	3,361.43	3/4	3,530.89
7/8	1,922.53	7/8	2,103.13	7/8	2,283.71	7/8	2,464.28	7/8	2,644.85	7/8	2,825.36	7/8	3,005.60	7/8	3,185.71	7/8	3,365.18	7/8	3,532.91
4	1,926.29	10	2,106.89	4	2,287.47	10	2,468.05	4	2,648.62	10	2,829.12	4	3,009.35	10	3,189.45	4	3,368.92	10	3,534.93
1/8	1,930.05	1/8	2,110.65	1/8	2,291.23	1/8	2,471.81	1/8	2,652.38	1/8	2,832.87	1/8	3,013.11	1/8	3,193.19	1/8	3,372.67	1/8	3,536.96
1/4	1,933.81	1/4	2,114.42	1/4	2,294.99	1/4	2,475.57	1/4	2,656.14	1/4	2,836.63	1/4	3,016.86	1/4	3,196.92	1/4	3,376.41	1/4	3,538.98
3/8	1,937.58	3/8	2,118.18	3/8	2,298.76	3/8	2,479.33	3/8	2,659.90	3/8	2,840.38	3/8	3,020.62	3/8	3,200.66	3/8	3,380.16	3/8	3,541.00
1/2	1,941.34	1/2	2,121.94	1/2	2,302.52	1/2	2,483.09	1/2	2,663.66	1/2	2,844.14	1/2	3,024.37	1/2	3,204.40	1/2	3,383.90	1/2	3,543.03
5/8	1,945.10	5/8	2,125.70	5/8	2,306.28	5/8	2,486.86	5/8	2,667.42	5/8	2,847.89	5/8	3,028.13	5/8	3,208.14	5/8	3,387.65	5/8	3,545.05
3/4	1,948.87	3/4	2,129.46	3/4	2,310.04	3/4	2,490.62	3/4	2,671.18	3/4	2,851.64	3/4	3,031.88	3/4	3,211.87	3/4	3,391.39	3/4	3,547.07
7/8	1,952.63	7/8	2,133.23	7/8	2,313.80	7/8	2,494.38	7/8	2,674.95	7/8	2,855.40	7/8	3,035.63	7/8	3,215.61	7/8	3,395.14	7/8	3,549.10
5	1,956.39	11	2,136.99	5	2,317.57	11	2,498.14	5	2,678.71	11	2,859.15	5	3,039.39	11	3,219.35	5	3,398.89	11	3,551.12
1/8	1,960.15	1/8	2,140.75	1/8	2,321.33	1/8	2,501.90	1/8	2,682.47	1/8	2,862.91	1/8	3,043.14	1/8	3,223.09	1/8	3,402.63	1/8	3,553.14
1/4	1,963.92	1/4	2,144.51	1/4	2,325.09	1/4	2,505.67	1/4	2,686.23	1/4	2,866.66	1/4	3,046.90	1/4	3,226.83	1/4	3,406.38	1/4	3,555.17
3/8	1,967.68	3/8	2,148.27	3/8	2,328.85	3/8	2,509.43	3/8	2,689.99	3/8	2,870.42	3/8	3,050.65	3/8	3,230.56	3/8	3,410.12	3/8	3,557.19
1/2	1,971.44	1/2	2,152.04	1/2	2,332.61	1/2	2,513.19	1/2	2,693.75	1/2	2,874.17	1/2	3,054.41	1/2	3,234.30	1/2	3,413.87	1/2	3,559.22
5/8	1,975.21	5/8	2,155.80	5/8	2,336.38	5/8	2,516.95	5/8	2,697.51	5/8	2,877.93	5/8	3,058.16	5/8	3,238.04	5/8	3,417.61	5/8	3,561.24
3/4	1,978.97	3/4	2,159.56	3/4	2,340.14	3/4	2,520.71	3/4	2,701.28	3/4	2,881.68	3/4	3,061.92	3/4	3,241.78	3/4	3,421.36	3/4	3,563.26
7/8	1,982.73	7/8	2,163.32	7/8	2,343.90	7/8	2,524.48	7/8	2,705.04	7/8	2,885.44	7/8	3,065.67	7/8	3,245.51	7/8	3,425.11	7/8	3,565.29

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 29075"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HBC 308"

GAUGE HEIGHT 17'-03 1/2"

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	3,567.31	6	3,664.44	0	3,761.56	6	3,858.69	0	3,955.82	6	4,052.66	0	4,147.49	6	4,239.74	0	4,329.47	6	4,413.43
1/8	3,569.33	1/8	3,666.46	1/8	3,763.59	1/8	3,860.72	1/8	3,957.84	1/8	4,054.66	1/8	4,149.44	1/8	4,241.63	1/8	4,331.29	1/8	4,414.49
1/4	3,571.36	1/4	3,668.48	1/4	3,765.61	1/4	3,862.74	1/4	3,959.87	1/4	4,056.65	1/4	4,151.39	1/4	4,243.52	1/4	4,333.12	1/4	4,415.55
3/8	3,573.38	3/8	3,670.51	3/8	3,767.64	3/8	3,864.76	3/8	3,961.89	3/8	4,058.65	3/8	4,153.34	3/8	4,245.41	3/8	4,334.95	3/8	4,416.60
1/2	3,575.40	1/2	3,672.53	1/2	3,769.66	1/2	3,866.79	1/2	3,963.91	1/2	4,060.64	1/2	4,155.28	1/2	4,247.31	1/2	4,336.77	1/2	4,417.66
5/8	3,577.43	5/8	3,674.55	5/8	3,771.68	5/8	3,868.81	5/8	3,965.94	5/8	4,062.64	5/8	4,157.23	5/8	4,249.20	5/8	4,338.60	5/8	4,418.71
3/4	3,579.45	3/4	3,676.58	3/4	3,773.71	3/4	3,870.83	3/4	3,967.96	3/4	4,064.63	3/4	4,159.18	3/4	4,251.09	3/4	4,340.42	3/4	4,419.77
7/8	3,581.47	7/8	3,678.60	7/8	3,775.73	7/8	3,872.86	7/8	3,969.99	7/8	4,066.63	7/8	4,161.13	7/8	4,252.98	7/8	4,342.25	7/8	4,420.83
1	3,583.50	7	3,680.63	1	3,777.75	7	3,874.88	1	3,972.01	7	4,068.63	1	4,163.07	7	4,254.88	1	4,344.07	7	4,421.88
1/8	3,585.52	1/8	3,682.65	1/8	3,779.78	1/8	3,876.90	1/8	3,974.03	1/8	4,070.61	1/8	4,165.01	1/8	4,256.76	1/8	4,345.89	1/8	4,422.32
1/4	3,587.54	1/4	3,684.67	1/4	3,781.80	1/4	3,878.93	1/4	3,976.06	1/4	4,072.60	1/4	4,166.94	1/4	4,258.65	1/4	4,347.71	1/4	4,422.76
3/8	3,589.57	3/8	3,686.70	3/8	3,783.82	3/8	3,880.95	3/8	3,978.08	3/8	4,074.59	3/8	4,168.87	3/8	4,260.53	3/8	4,349.53	3/8	4,423.19
1/2	3,591.59	1/2	3,688.72	1/2	3,785.85	1/2	3,882.97	1/2	3,980.10	1/2	4,076.58	1/2	4,170.80	1/2	4,262.41	1/2	4,351.34	1/2	4,423.63
5/8	3,593.61	5/8	3,690.74	5/8	3,787.87	5/8	3,885.00	5/8	3,982.13	5/8	4,078.56	5/8	4,172.74	5/8	4,264.30	5/8	4,353.16	5/8	4,424.07
3/4	3,595.64	3/4	3,692.77	3/4	3,789.89	3/4	3,887.02	3/4	3,984.15	3/4	4,080.55	3/4	4,174.67	3/4	4,266.18	3/4	4,354.98	3/4	4,424.50
7/8	3,597.66	7/8	3,694.79	7/8	3,791.92	7/8	3,889.05	7/8	3,986.17	7/8	4,082.54	7/8	4,176.60	7/8	4,268.07	7/8	4,356.79	7/8	4,424.94
2	3,599.69	8	3,696.81	2	3,793.94	8	3,891.07	2	3,988.20	8	4,084.53	2	4,178.53	8	4,269.95	2	4,358.61	8	4,425.38
1/8	3,601.71	1/8	3,698.84	1/8	3,795.96	1/8	3,893.09	1/8	3,990.22	1/8	4,086.51	1/8	4,180.46	1/8	4,271.83	1/8	4,360.42	1/8	4,425.82
1/4	3,603.73	1/4	3,700.86	1/4	3,797.99	1/4	3,895.12	1/4	3,992.24	1/4	4,088.49	1/4	4,182.38	1/4	4,273.71	1/4	4,362.23	1/4	4,426.26
3/8	3,605.76	3/8	3,702.88	3/8	3,800.01	3/8	3,897.14	3/8	3,994.27	3/8	4,090.47	3/8	4,184.31	3/8	4,275.58	3/8	4,364.04	3/8	4,426.70
1/2	3,607.78	1/2	3,704.91	1/2	3,802.03	1/2	3,899.16	1/2	3,996.29	1/2	4,092.45	1/2	4,186.23	1/2	4,277.46	1/2	4,365.85	1/2	4,427.14
5/8	3,609.80	5/8	3,706.93	5/8	3,804.06	5/8	3,901.19	5/8	3,998.31	5/8	4,094.43	5/8	4,188.16	5/8	4,279.34	5/8	4,367.66	5/8	4,427.58
3/4	3,611.83	3/4	3,708.95	3/4	3,806.08	3/4	3,903.21	3/4	4,000.34	3/4	4,096.40	3/4	4,190.08	3/4	4,281.21	3/4	4,369.47	3/4	4,428.02
7/8	3,613.85	7/8	3,710.98	7/8	3,808.11	7/8	3,905.23	7/8	4,002.36	7/8	4,098.38	7/8	4,192.01	7/8	4,283.09	7/8	4,371.28	7/8	4,428.46
3	3,615.87	9	3,713.00	3	3,810.13	9	3,907.26	3	4,004.38	9	4,100.36	3	4,193.93	9	4,284.97	3	4,373.08	9	4,428.90
1/8	3,617.90	1/8	3,715.02	1/8	3,812.15	1/8	3,909.28	1/8	4,006.40	1/8	4,102.34	1/8	4,195.85	1/8	4,286.84	1/8	4,374.88	1/8	4,429.34
1/4	3,619.92	1/4	3,717.05	1/4	3,814.18	1/4	3,911.30	1/4	4,008.42	1/4	4,104.31	1/4	4,197.76	1/4	4,288.70	1/4	4,376.68	1/4	4,429.78
3/8	3,621.94	3/8	3,719.07	3/8	3,816.20	3/8	3,913.33	3/8	4,010.44	3/8	4,106.28	3/8	4,199.68	3/8	4,290.57	3/8	4,378.47	3/8	4,430.22
1/2	3,623.97	1/2	3,721.09	1/2	3,818.22	1/2	3,915.35	1/2	4,012.46	1/2	4,108.25	1/2	4,201.60	1/2	4,292.44	1/2	4,380.27	1/2	4,430.66
5/8	3,625.99	5/8	3,723.12	5/8	3,820.25	5/8	3,917.37	5/8	4,014.48	5/8	4,110.22	5/8	4,203.51	5/8	4,294.31	5/8	4,382.07	5/8	4,431.10
3/4	3,628.01	3/4	3,725.14	3/4	3,822.27	3/4	3,919.40	3/4	4,016.50	3/4	4,112.19	3/4	4,205.43	3/4	4,296.18	3/4	4,383.86	3/4	4,431.54
7/8	3,630.04	7/8	3,727.17	7/8	3,824.29	7/8	3,921.42	7/8	4,018.52	7/8	4,114.17	7/8	4,207.35	7/8	4,298.05	7/8	4,385.66	7/8	4,431.98
4	3,632.06	10	3,729.19	4	3,826.32	10	3,923.44	4	4,020.54	10	4,116.14	4	4,209.26	10	4,299.92	4	4,387.45	10	4,432.42
1/8	3,634.08	1/8	3,731.21	1/8	3,828.34	1/8	3,925.47	1/8	4,022.55	1/8	4,118.10	1/8	4,211.17	1/8	4,301.78	1/8	4,389.23	1/8	4,432.86
1/4	3,636.11	1/4	3,733.24	1/4	3,830.36	1/4	3,927.49	1/4	4,024.56	1/4	4,120.07	1/4	4,213.08	1/4	4,303.64	1/4	4,391.01	1/4	4,433.30
3/8	3,638.13	3/8	3,735.26	3/8	3,832.39	3/8	3,929.52	3/8	4,026.57	3/8	4,122.03	3/8	4,214.99	3/8	4,305.50	3/8	4,392.78	3/8	4,433.74
1/2	3,640.16	1/2	3,737.28	1/2	3,834.41	1/2	3,931.54	1/2	4,028.59	1/2	4,123.99	1/2	4,216.90	1/2	4,307.36	1/2	4,394.56	1/2	4,434.18
5/8	3,642.18	5/8	3,739.31	5/8	3,836.43	5/8	3,933.56	5/8	4,030.60	5/8	4,125.96	5/8	4,218.81	5/8	4,309.22	5/8	4,396.33	5/8	4,434.62
3/4	3,644.20	3/4	3,741.33	3/4	3,838.46	3/4	3,935.59	3/4	4,032.61	3/4	4,127.92	3/4	4,220.71	3/4	4,311.08	3/4	4,398.11	3/4	4,435.06
7/8	3,646.23	7/8	3,743.35	7/8	3,840.48	7/8	3,937.61	7/8	4,034.62	7/8	4,129.88	7/8	4,222.62	7/8	4,312.94	7/8	4,399.88	7/8	4,435.50
5	3,648.25	11	3,745.38	5	3,842.50	11	3,939.63	5	4,036.63	11	4,131.85	5	4,224.53	11	4,314.80	5	4,401.66	11	4,435.94
1/8	3,650.27	1/8	3,747.40	1/8	3,844.53	1/8	3,941.66	1/8	4,038.64	1/8	4,133.80	1/8	4,226.43	1/8	4,316.64	1/8	4,403.13	1/8	4,436.38
1/4	3,652.30	1/4	3,749.42	1/4	3,846.55	1/4	3,943.68	1/4	4,040.64	1/4	4,135.76	1/4	4,228.33	1/4	4,318.47	1/4	4,404.60	1/4	4,436.82
3/8	3,654.32	3/8	3,751.45	3/8	3,848.58	3/8	3,945.70	3/8	4,042.64	3/8	4,137.71	3/8	4,230.23	3/8	4,320.30	3/8	4,406.07	3/8	4,437.26
1/2	3,656.34	1/2	3,753.47	1/2	3,850.60	1/2	3,947.73	1/2	4,044.65	1/2	4,139.67	1/2	4,232.13	1/2	4,322.14	1/2	4,407.55	1/2	4,437.70
5/8	3,658.37	5/8	3,755.49	5/8	3,852.62	5/8	3,949.75	5/8	4,046.65	5/8	4,141.63	5/8	4,234.03	5/8	4,323.97	5/8	4,409.02	5/8	4,438.14
3/4	3,660.39	3/4	3,757.52	3/4	3,854.65	3/4	3,951.77	3/4	4,048.65	3/4	4,143.58	3/4	4,235.93	3/4	4,325.80	3/4	4,410.49	3/4	4,438.58
7/8	3,662.41	7/8	3,759.54	7/8	3,856.67	7/8	3,953.80	7/8	4,050.66	7/8	4,145.54	7/8	4,237.83	7/8	4,327.64	7/8	4,411.96	7/8	4,439.02

STRAPPED: 06/07/2013 PMA
RECALCULATED: 01/19/2023 PMA
VERIFIED: 08/04/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2023

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 29075"

3 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HBC 308"

GAUGE HEIGHT 17'-03"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	22.80	6	179.88	0	359.62	6	539.37	0	719.11	6	895.23	0	1,066.88	6	1,241.70	0	1,419.92	6	1,599.12
1/8	24.99	1/8	183.62	1/8	363.37	1/8	543.11	1/8	722.86	1/8	898.80	1/8	1,070.45	1/8	1,245.42	1/8	1,423.63	1/8	1,602.86
1/4	27.18	1/4	187.37	1/4	367.11	1/4	546.86	1/4	726.60	1/4	902.38	1/4	1,074.03	1/4	1,249.13	1/4	1,427.34	1/4	1,606.60
3/8	29.37	3/8	191.11	3/8	370.86	3/8	550.60	3/8	730.35	3/8	905.96	3/8	1,077.60	3/8	1,252.84	3/8	1,431.06	3/8	1,610.35
1/2	31.55	1/2	194.86	1/2	374.60	1/2	554.35	1/2	734.09	1/2	909.54	1/2	1,081.18	1/2	1,256.55	1/2	1,434.77	1/2	1,614.09
5/8	33.74	5/8	198.60	5/8	378.35	5/8	558.09	5/8	737.84	5/8	913.11	5/8	1,084.76	5/8	1,260.27	5/8	1,438.48	5/8	1,617.84
3/4	35.93	3/4	202.35	3/4	382.09	3/4	561.84	3/4	741.58	3/4	916.69	3/4	1,088.33	3/4	1,263.98	3/4	1,442.19	3/4	1,621.58
7/8	38.12	7/8	206.09	7/8	385.84	7/8	565.58	7/8	745.33	7/8	920.27	7/8	1,091.91	7/8	1,267.69	7/8	1,445.91	7/8	1,625.32
1	40.30	7	209.83	1	389.58	7	569.33	1	749.07	7	923.85	1	1,095.48	7	1,271.41	1	1,449.62	7	1,629.07
1/8	43.11	1/8	213.58	1/8	393.33	1/8	573.07	1/8	752.82	1/8	927.42	1/8	1,099.06	1/8	1,275.12	1/8	1,453.33	1/8	1,632.81
1/4	45.92	1/4	217.32	1/4	397.07	1/4	576.82	1/4	756.56	1/4	931.00	1/4	1,102.64	1/4	1,278.83	1/4	1,457.05	1/4	1,636.55
3/8	48.72	3/8	221.07	3/8	400.81	3/8	580.56	3/8	760.31	3/8	934.57	3/8	1,106.21	3/8	1,282.54	3/8	1,460.76	3/8	1,640.30
1/2	51.53	1/2	224.81	1/2	404.56	1/2	584.30	1/2	764.05	1/2	938.15	1/2	1,109.79	1/2	1,286.26	1/2	1,464.47	1/2	1,644.04
5/8	54.34	5/8	228.56	5/8	408.30	5/8	588.05	5/8	767.79	5/8	941.72	5/8	1,113.36	5/8	1,289.97	5/8	1,468.18	5/8	1,647.78
3/4	57.14	3/4	232.30	3/4	412.05	3/4	591.79	3/4	771.54	3/4	945.30	3/4	1,116.94	3/4	1,293.68	3/4	1,471.90	3/4	1,651.53
7/8	59.95	7/8	236.05	7/8	415.79	7/8	595.54	7/8	775.28	7/8	948.88	7/8	1,120.51	7/8	1,297.39	7/8	1,475.61	7/8	1,655.27
2	62.76	8	239.79	2	419.54	8	599.28	2	779.03	8	952.45	2	1,124.09	8	1,301.11	2	1,479.32	8	1,659.01
1/8	66.18	1/8	243.54	1/8	423.28	1/8	603.03	1/8	782.77	1/8	956.03	1/8	1,127.67	1/8	1,304.82	1/8	1,483.07	1/8	1,662.76
1/4	69.61	1/4	247.28	1/4	427.03	1/4	606.77	1/4	786.52	1/4	959.60	1/4	1,131.24	1/4	1,308.53	1/4	1,486.81	1/4	1,666.50
3/8	73.04	3/8	251.03	3/8	430.77	3/8	610.52	3/8	790.26	3/8	963.18	3/8	1,134.82	3/8	1,312.25	3/8	1,490.55	3/8	1,670.25
1/2	76.46	1/2	254.77	1/2	434.52	1/2	614.26	1/2	794.01	1/2	966.75	1/2	1,138.39	1/2	1,315.96	1/2	1,494.30	1/2	1,673.99
5/8	79.89	5/8	258.52	5/8	438.26	5/8	618.01	5/8	797.75	5/8	970.33	5/8	1,141.97	5/8	1,319.67	5/8	1,498.04	5/8	1,677.73
3/4	83.31	3/4	262.26	3/4	442.01	3/4	621.75	3/4	801.50	3/4	973.91	3/4	1,145.54	3/4	1,323.38	3/4	1,501.78	3/4	1,681.48
7/8	86.74	7/8	266.01	7/8	445.75	7/8	625.50	7/8	805.24	7/8	977.48	7/8	1,149.12	7/8	1,327.10	7/8	1,505.53	7/8	1,685.22
3	90.17	9	269.75	3	449.50	9	629.24	3	808.99	9	981.06	3	1,152.70	9	1,330.81	3	1,509.27	9	1,688.96
1/8	93.89	1/8	273.49	1/8	453.24	1/8	632.99	1/8	812.59	1/8	984.63	1/8	1,156.41	1/8	1,334.52	1/8	1,513.01	1/8	1,692.71
1/4	97.62	1/4	277.24	1/4	456.98	1/4	636.73	1/4	816.19	1/4	988.21	1/4	1,160.13	1/4	1,338.24	1/4	1,516.76	1/4	1,696.45
3/8	101.35	3/8	280.98	3/8	460.73	3/8	640.48	3/8	819.79	3/8	991.79	3/8	1,163.85	3/8	1,341.95	3/8	1,520.50	3/8	1,700.19
1/2	105.08	1/2	284.73	1/2	464.47	1/2	644.22	1/2	823.40	1/2	995.36	1/2	1,167.57	1/2	1,345.66	1/2	1,524.25	1/2	1,703.94
5/8	108.80	5/8	288.47	5/8	468.22	5/8	647.96	5/8	827.00	5/8	998.94	5/8	1,171.29	5/8	1,349.37	5/8	1,527.99	5/8	1,707.68
3/4	112.53	3/4	292.22	3/4	471.96	3/4	651.71	3/4	830.60	3/4	1,002.51	3/4	1,175.00	3/4	1,353.09	3/4	1,531.73	3/4	1,711.43
7/8	116.26	7/8	295.96	7/8	475.71	7/8	655.45	7/8	834.21	7/8	1,006.09	7/8	1,178.72	7/8	1,356.80	7/8	1,535.48	7/8	1,715.17
4	119.99	10	299.71	4	479.45	10	659.20	4	837.81	10	1,009.66	4	1,182.44	10	1,360.51	4	1,539.22	10	1,718.91
1/8	123.73	1/8	303.45	1/8	483.20	1/8	662.94	1/8	841.40	1/8	1,013.24	1/8	1,186.14	1/8	1,364.23	1/8	1,542.96	1/8	1,722.66
1/4	127.47	1/4	307.20	1/4	486.94	1/4	666.69	1/4	844.99	1/4	1,016.82	1/4	1,189.85	1/4	1,367.94	1/4	1,546.71	1/4	1,726.40
3/8	131.21	3/8	310.94	3/8	490.69	3/8	670.43	3/8	848.57	3/8	1,020.39	3/8	1,193.55	3/8	1,371.65	3/8	1,550.45	3/8	1,730.14
1/2	134.95	1/2	314.69	1/2	494.43	1/2	674.18	1/2	852.16	1/2	1,023.97	1/2	1,197.25	1/2	1,375.36	1/2	1,554.19	1/2	1,733.89
5/8	138.70	5/8	318.43	5/8	498.18	5/8	677.92	5/8	855.75	5/8	1,027.54	5/8	1,200.96	5/8	1,379.08	5/8	1,557.94	5/8	1,737.63
3/4	142.44	3/4	322.18	3/4	501.92	3/4	681.67	3/4	859.34	3/4	1,031.12	3/4	1,204.66	3/4	1,382.79	3/4	1,561.68	3/4	1,741.37
7/8	146.18	7/8	325.92	7/8	505.67	7/8	685.41	7/8	862.93	7/8	1,034.69	7/8	1,208.36	7/8	1,386.50	7/8	1,565.42	7/8	1,745.12
5	149.92	11	329.67	5	509.41	11	689.16	5	866.52	11	1,038.27	5	1,212.07	11	1,390.21	5	1,569.17	11	1,748.86
1/8	153.67	1/8	333.41	1/8	513.16	1/8	692.90	1/8	870.11	1/8	1,041.85	1/8	1,215.77	1/8	1,393.93	1/8	1,572.91	1/8	1,752.60
1/4	157.41	1/4	337.15	1/4	516.90	1/4	696.65	1/4	873.70	1/4	1,045.42	1/4	1,219.48	1/4	1,397.64	1/4	1,576.66	1/4	1,756.35
3/8	161.16	3/8	340.90	3/8	520.64	3/8	700.39	3/8	877.28	3/8	1,049.00	3/8	1,223.18	3/8	1,401.35	3/8	1,580.40	3/8	1,760.09
1/2	164.90	1/2	344.64	1/2	524.39	1/2	704.14	1/2	880.87	1/2	1,052.57	1/2	1,226.88	1/2	1,405.07	1/2	1,584.14	1/2	1,763.84
5/8	168.64	5/8	348.39	5/8	528.13	5/8	707.88	5/8	884.46	5/8	1,056.15	5/8	1,230.59	5/8	1,408.78	5/8	1,587.89	5/8	1,767.58
3/4	172.39	3/4	352.13	3/4	531.88	3/4	711.62	3/4	888.05	3/4	1,059.73	3/4	1,234.29	3/4	1,412.49	3/4	1,591.63	3/4	1,771.32
7/8	176.13	7/8	355.88	7/8	535.62	7/8	715.37	7/8	891.64	7/8	1,063.30	7/8	1,238.00	7/8	1,416.20	7/8	1,595.37	7/8	1,775.07

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 WITH HERMETIC CLOSED GAUGING DEVIE.

GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29075"

3 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HBC 308"

GAUGE HEIGHT 17'-03"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	1,778.81	6	1,958.50	0	2,138.17	6	2,317.82	0	2,497.48	6	2,677.12	0	2,856.59	6	3,035.76	0	3,214.63	6	3,393.31
1/8	1,782.55	1/8	1,962.25	1/8	2,141.91	1/8	2,321.57	1/8	2,501.22	1/8	2,680.86	1/8	2,860.33	1/8	3,039.49	1/8	3,218.35	1/8	3,397.03
1/4	1,786.30	1/4	1,965.99	1/4	2,145.66	1/4	2,325.31	1/4	2,504.96	1/4	2,684.60	1/4	2,864.07	1/4	3,043.22	1/4	3,222.07	1/4	3,400.76
3/8	1,790.04	3/8	1,969.73	3/8	2,149.40	3/8	2,329.05	3/8	2,508.71	3/8	2,688.35	3/8	2,867.80	3/8	3,046.95	3/8	3,225.79	3/8	3,404.49
1/2	1,793.78	1/2	1,973.48	1/2	2,153.14	1/2	2,332.80	1/2	2,512.45	1/2	2,692.09	1/2	2,871.54	1/2	3,050.68	1/2	3,229.50	1/2	3,408.21
5/8	1,797.53	5/8	1,977.22	5/8	2,156.88	5/8	2,336.54	5/8	2,516.19	5/8	2,695.83	5/8	2,875.27	5/8	3,054.42	5/8	3,233.22	5/8	3,411.94
3/4	1,801.27	3/4	1,980.96	3/4	2,160.63	3/4	2,340.28	3/4	2,519.94	3/4	2,699.57	3/4	2,879.01	3/4	3,058.15	3/4	3,236.94	3/4	3,415.67
7/8	1,805.02	7/8	1,984.71	7/8	2,164.37	7/8	2,344.02	7/8	2,523.68	7/8	2,703.31	7/8	2,882.74	7/8	3,061.88	7/8	3,240.66	7/8	3,419.39
1	1,808.76	7	1,988.45	1	2,168.11	7	2,347.77	1	2,527.42	7	2,707.06	1	2,886.48	7	3,065.61	1	3,244.38	7	3,423.12
1/8	1,812.50	1/8	1,992.20	1/8	2,171.86	1/8	2,351.51	1/8	2,531.16	1/8	2,710.80	1/8	2,890.21	1/8	3,069.35	1/8	3,248.10	1/8	3,426.84
1/4	1,816.25	1/4	1,995.94	1/4	2,175.60	1/4	2,355.25	1/4	2,534.91	1/4	2,714.54	1/4	2,893.94	1/4	3,073.08	1/4	3,251.82	1/4	3,430.57
3/8	1,819.99	3/8	1,999.68	3/8	2,179.34	3/8	2,359.00	3/8	2,538.65	3/8	2,718.28	3/8	2,897.68	3/8	3,076.82	3/8	3,255.53	3/8	3,434.30
1/2	1,823.73	1/2	2,003.43	1/2	2,183.08	1/2	2,362.74	1/2	2,542.39	1/2	2,722.03	1/2	2,901.41	1/2	3,080.55	1/2	3,259.25	1/2	3,438.02
5/8	1,827.48	5/8	2,007.17	5/8	2,186.83	5/8	2,366.48	5/8	2,546.14	5/8	2,725.77	5/8	2,905.14	5/8	3,084.29	5/8	3,262.97	5/8	3,441.75
3/4	1,831.22	3/4	2,010.91	3/4	2,190.57	3/4	2,370.22	3/4	2,549.88	3/4	2,729.51	3/4	2,908.87	3/4	3,088.03	3/4	3,266.69	3/4	3,445.48
7/8	1,834.96	7/8	2,014.66	7/8	2,194.31	7/8	2,373.97	7/8	2,553.62	7/8	2,733.25	7/8	2,912.60	7/8	3,091.76	7/8	3,270.41	7/8	3,449.20
2	1,838.71	8	2,018.40	2	2,198.05	8	2,377.71	2	2,557.36	8	2,736.99	2	2,916.33	8	3,095.50	2	3,274.13	8	3,452.93
1/8	1,842.45	1/8	2,022.14	1/8	2,201.80	1/8	2,381.45	1/8	2,561.11	1/8	2,740.74	1/8	2,920.07	1/8	3,099.23	1/8	3,277.85	1/8	3,456.65
1/4	1,846.19	1/4	2,025.89	1/4	2,205.54	1/4	2,385.19	1/4	2,564.85	1/4	2,744.48	1/4	2,923.80	1/4	3,102.97	1/4	3,281.56	1/4	3,460.38
3/8	1,849.94	3/8	2,029.63	3/8	2,209.28	3/8	2,388.94	3/8	2,568.59	3/8	2,748.22	3/8	2,927.53	3/8	3,106.70	3/8	3,285.28	3/8	3,464.11
1/2	1,853.68	1/2	2,033.37	1/2	2,213.03	1/2	2,392.68	1/2	2,572.33	1/2	2,751.97	1/2	2,931.26	1/2	3,110.44	1/2	3,289.00	1/2	3,467.83
5/8	1,857.43	5/8	2,037.11	5/8	2,216.77	5/8	2,396.42	5/8	2,576.08	5/8	2,755.71	5/8	2,934.99	5/8	3,114.18	5/8	3,292.72	5/8	3,471.56
3/4	1,861.17	3/4	2,040.86	3/4	2,220.51	3/4	2,400.17	3/4	2,579.82	3/4	2,759.45	3/4	2,938.73	3/4	3,117.91	3/4	3,296.44	3/4	3,475.29
7/8	1,864.91	7/8	2,044.60	7/8	2,224.25	7/8	2,403.91	7/8	2,583.56	7/8	2,763.19	7/8	2,942.46	7/8	3,121.65	7/8	3,300.16	7/8	3,479.01
3	1,868.66	9	2,048.34	3	2,228.00	9	2,407.65	3	2,587.31	9	2,766.94	3	2,946.19	9	3,125.38	3	3,303.88	9	3,482.74
1/8	1,872.40	1/8	2,052.09	1/8	2,231.74	1/8	2,411.39	1/8	2,591.05	1/8	2,770.67	1/8	2,949.92	1/8	3,129.10	1/8	3,307.60	1/8	3,484.75
1/4	1,876.14	1/4	2,055.83	1/4	2,235.48	1/4	2,415.14	1/4	2,594.79	1/4	2,774.41	1/4	2,953.65	1/4	3,132.82	1/4	3,311.33	1/4	3,486.76
3/8	1,879.89	3/8	2,059.57	3/8	2,239.23	3/8	2,418.88	3/8	2,598.53	3/8	2,778.14	3/8	2,957.39	3/8	3,136.54	3/8	3,315.06	3/8	3,488.77
1/2	1,883.63	1/2	2,063.31	1/2	2,242.97	1/2	2,422.62	1/2	2,602.27	1/2	2,781.88	1/2	2,961.12	1/2	3,140.26	1/2	3,318.78	1/2	3,490.78
5/8	1,887.37	5/8	2,067.06	5/8	2,246.71	5/8	2,426.37	5/8	2,606.02	5/8	2,785.62	5/8	2,964.85	5/8	3,143.98	5/8	3,322.51	5/8	3,492.79
3/4	1,891.12	3/4	2,070.80	3/4	2,250.45	3/4	2,430.11	3/4	2,609.76	3/4	2,789.35	3/4	2,968.58	3/4	3,147.70	3/4	3,326.23	3/4	3,494.80
7/8	1,894.86	7/8	2,074.54	7/8	2,254.20	7/8	2,433.85	7/8	2,613.50	7/8	2,793.09	7/8	2,972.31	7/8	3,151.41	7/8	3,329.96	7/8	3,496.81
4	1,898.61	10	2,078.29	4	2,257.94	10	2,437.59	4	2,617.24	10	2,796.82	4	2,976.05	10	3,155.13	4	3,333.69	10	3,498.82
1/8	1,902.35	1/8	2,082.03	1/8	2,261.68	1/8	2,441.34	1/8	2,620.99	1/8	2,800.56	1/8	2,979.78	1/8	3,158.85	1/8	3,337.41	1/8	3,500.83
1/4	1,906.09	1/4	2,085.77	1/4	2,265.43	1/4	2,445.08	1/4	2,624.73	1/4	2,804.29	1/4	2,983.51	1/4	3,162.57	1/4	3,341.14	1/4	3,502.84
3/8	1,909.84	3/8	2,089.51	3/8	2,269.17	3/8	2,448.82	3/8	2,628.47	3/8	2,808.03	3/8	2,987.24	3/8	3,166.29	3/8	3,344.87	3/8	3,504.85
1/2	1,913.58	1/2	2,093.26	1/2	2,272.91	1/2	2,452.57	1/2	2,632.21	1/2	2,811.77	1/2	2,990.97	1/2	3,170.01	1/2	3,348.59	1/2	3,506.86
5/8	1,917.32	5/8	2,097.00	5/8	2,276.65	5/8	2,456.31	5/8	2,635.95	5/8	2,815.50	5/8	2,994.70	5/8	3,173.73	5/8	3,352.32	5/8	3,508.87
3/4	1,921.07	3/4	2,100.74	3/4	2,280.40	3/4	2,460.05	3/4	2,639.70	3/4	2,819.24	3/4	2,998.44	3/4	3,177.44	3/4	3,356.04	3/4	3,510.88
7/8	1,924.81	7/8	2,104.48	7/8	2,284.14	7/8	2,463.79	7/8	2,643.44	7/8	2,822.97	7/8	3,002.17	7/8	3,181.16	7/8	3,359.77	7/8	3,512.89
5	1,928.55	11	2,108.23	5	2,287.88	11	2,467.54	5	2,647.18	11	2,826.71	5	3,005.90	11	3,184.88	5	3,363.50	11	3,514.90
1/8	1,932.30	1/8	2,111.97	1/8	2,291.62	1/8	2,471.28	1/8	2,650.92	1/8	2,830.44	1/8	3,009.63	1/8	3,188.60	1/8	3,367.22	1/8	3,516.91
1/4	1,936.04	1/4	2,115.71	1/4	2,295.37	1/4	2,475.02	1/4	2,654.67	1/4	2,834.18	1/4	3,013.36	1/4	3,192.32	1/4	3,370.95	1/4	3,518.92
3/8	1,939.78	3/8	2,119.46	3/8	2,299.11	3/8	2,478.76	3/8	2,658.41	3/8	2,837.92	3/8	3,017.10	3/8	3,196.04	3/8	3,374.68	3/8	3,520.93
1/2	1,943.53	1/2	2,123.20	1/2	2,302.85	1/2	2,482.51	1/2	2,662.15	1/2	2,841.65	1/2	3,020.83	1/2	3,199.76	1/2	3,378.40	1/2	3,522.94
5/8	1,947.27	5/8	2,126.94	5/8	2,306.60	5/8	2,486.25	5/8	2,665.89	5/8	2,845.39	5/8	3,024.56	5/8	3,203.47	5/8	3,382.13	5/8	3,524.95
3/4	1,951.02	3/4	2,130.68	3/4	2,310.34	3/4	2,489.99	3/4	2,669.63	3/4	2,849.12	3/4	3,028.29	3/4	3,207.19	3/4	3,385.85	3/4	3,526.96
7/8	1,954.76	7/8	2,134.43	7/8	2,314.08	7/8	2,493.74	7/8	2,673.38	7/8	2,852.86	7/8	3,032.02	7/8	3,210.91	7/8	3,389.58	7/8	3,528.97

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 29075"

3 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HBC 308"

GAUGE HEIGHT 17'-03"

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	3,530.98	6	3,627.46	0	3,723.94	6	3,820.42	0	3,916.90	6	4,013.07	0	4,107.26	6	4,198.87	0	4,287.97	6	4,371.33
1/8	3,532.99	1/8	3,629.47	1/8	3,725.95	1/8	3,822.43	1/8	3,918.91	1/8	4,015.06	1/8	4,109.19	1/8	4,200.75	1/8	4,289.79	1/8	4,372.37
1/4	3,535.00	1/4	3,631.48	1/4	3,727.96	1/4	3,824.44	1/4	3,920.92	1/4	4,017.04	1/4	4,111.13	1/4	4,202.63	1/4	4,291.60	1/4	4,373.42
3/8	3,537.01	3/8	3,633.49	3/8	3,729.97	3/8	3,826.45	3/8	3,922.93	3/8	4,019.02	3/8	4,113.06	3/8	4,204.51	3/8	4,293.41	3/8	4,374.47
1/2	3,539.02	1/2	3,635.50	1/2	3,731.98	1/2	3,828.46	1/2	3,924.94	1/2	4,021.00	1/2	4,115.00	1/2	4,206.39	1/2	4,295.22	1/2	4,375.51
5/8	3,541.03	5/8	3,637.51	5/8	3,733.99	5/8	3,830.47	5/8	3,926.95	5/8	4,022.98	5/8	4,116.93	5/8	4,208.26	5/8	4,297.04	5/8	4,376.56
3/4	3,543.04	3/4	3,639.52	3/4	3,736.00	3/4	3,832.48	3/4	3,928.96	3/4	4,024.97	3/4	4,118.87	3/4	4,210.14	3/4	4,298.85	3/4	4,377.60
7/8	3,545.05	7/8	3,641.53	7/8	3,738.01	7/8	3,834.49	7/8	3,930.97	7/8	4,026.95	7/8	4,120.80	7/8	4,212.02	7/8	4,300.66	7/8	4,378.65
1	3,547.06	7	3,643.54	1	3,740.02	7	3,836.50	1	3,932.98	7	4,028.93	1	4,122.74	7	4,213.90	1	4,302.47	7	4,379.70
1/8	3,549.07	1/8	3,645.55	1/8	3,742.03	1/8	3,838.51	1/8	3,934.99	1/8	4,030.90	1/8	4,124.65	1/8	4,215.77	1/8	4,304.28	1/8	4,380.12
1/4	3,551.08	1/4	3,647.56	1/4	3,744.04	1/4	3,840.52	1/4	3,937.00	1/4	4,032.88	1/4	4,126.57	1/4	4,217.65	1/4	4,306.08	1/4	4,380.55
3/8	3,553.09	3/8	3,649.57	3/8	3,746.05	3/8	3,842.53	3/8	3,939.01	3/8	4,034.85	3/8	4,128.49	3/8	4,219.52	3/8	4,307.89	3/8	4,380.98
1/2	3,555.10	1/2	3,651.58	1/2	3,748.06	1/2	3,844.54	1/2	3,941.02	1/2	4,036.83	1/2	4,130.41	1/2	4,221.39	1/2	4,309.69	1/2	4,381.41
5/8	3,557.11	5/8	3,653.59	5/8	3,750.07	5/8	3,846.55	5/8	3,943.03	5/8	4,038.80	5/8	4,132.33	5/8	4,223.26	5/8	4,311.50	5/8	4,381.84
3/4	3,559.12	3/4	3,655.60	3/4	3,752.08	3/4	3,848.56	3/4	3,945.04	3/4	4,040.78	3/4	4,134.25	3/4	4,225.13	3/4	4,313.30	3/4	4,382.26
7/8	3,561.13	7/8	3,657.61	7/8	3,754.09	7/8	3,850.57	7/8	3,947.05	7/8	4,042.75	7/8	4,136.17	7/8	4,227.00	7/8	4,315.10	7/8	4,382.69
2	3,563.14	8	3,659.62	2	3,756.10	8	3,852.58	2	3,949.06	8	4,044.72	2	4,138.09	8	4,228.87	2	4,316.91	8	4,383.12
1/8	3,565.15	1/8	3,661.63	1/8	3,758.11	1/8	3,854.59	1/8	3,951.07	1/8	4,046.69	1/8	4,140.00	1/8	4,230.74	1/8	4,318.71	1/8	4,384.12
1/4	3,567.16	1/4	3,663.64	1/4	3,760.12	1/4	3,856.60	1/4	3,953.08	1/4	4,048.66	1/4	4,141.91	1/4	4,232.60	1/4	4,320.50	1/4	4,385.12
3/8	3,569.17	3/8	3,665.65	3/8	3,762.13	3/8	3,858.61	3/8	3,955.09	3/8	4,050.62	3/8	4,143.82	3/8	4,234.47	3/8	4,322.30	3/8	4,386.12
1/2	3,571.18	1/2	3,667.66	1/2	3,764.14	1/2	3,860.62	1/2	3,957.10	1/2	4,052.59	1/2	4,145.73	1/2	4,236.33	1/2	4,324.09	1/2	4,387.12
5/8	3,573.19	5/8	3,669.67	5/8	3,766.15	5/8	3,862.63	5/8	3,959.11	5/8	4,054.55	5/8	4,147.65	5/8	4,238.19	5/8	4,325.89	5/8	4,388.12
3/4	3,575.20	3/4	3,671.68	3/4	3,768.16	3/4	3,864.64	3/4	3,961.12	3/4	4,056.52	3/4	4,149.56	3/4	4,240.06	3/4	4,327.69	3/4	4,389.12
7/8	3,577.21	7/8	3,673.69	7/8	3,770.17	7/8	3,866.65	7/8	3,963.13	7/8	4,058.49	7/8	4,151.47	7/8	4,241.92	7/8	4,329.48	7/8	4,390.12
3	3,579.22	9	3,675.70	3	3,772.18	9	3,868.66	3	3,965.14	9	4,060.45	3	4,153.38	9	4,243.78	3	4,331.28	9	4,391.12
1/8	3,581.23	1/8	3,677.71	1/8	3,774.19	1/8	3,870.67	1/8	3,967.14	1/8	4,062.41	1/8	4,155.28	1/8	4,245.64	1/8	4,333.06	1/8	4,392.12
1/4	3,583.24	1/4	3,679.72	1/4	3,776.20	1/4	3,872.68	1/4	3,969.15	1/4	4,064.37	1/4	4,157.19	1/4	4,247.49	1/4	4,334.84	1/4	4,393.12
3/8	3,585.25	3/8	3,681.73	3/8	3,778.21	3/8	3,874.69	3/8	3,971.15	3/8	4,066.33	3/8	4,159.09	3/8	4,249.35	3/8	4,336.63	3/8	4,394.12
1/2	3,587.26	1/2	3,683.74	1/2	3,780.22	1/2	3,876.70	1/2	3,973.15	1/2	4,068.29	1/2	4,160.99	1/2	4,251.21	1/2	4,338.41	1/2	4,395.12
5/8	3,589.27	5/8	3,685.75	5/8	3,782.23	5/8	3,878.71	5/8	3,975.16	5/8	4,070.24	5/8	4,162.90	5/8	4,253.06	5/8	4,340.20	5/8	4,396.12
3/4	3,591.28	3/4	3,687.76	3/4	3,784.24	3/4	3,880.72	3/4	3,977.16	3/4	4,072.20	3/4	4,164.80	3/4	4,254.92	3/4	4,341.98	3/4	4,397.12
7/8	3,593.29	7/8	3,689.77	7/8	3,786.25	7/8	3,882.73	7/8	3,979.16	7/8	4,074.16	7/8	4,166.70	7/8	4,256.77	7/8	4,343.76	7/8	4,398.12
4	3,595.30	10	3,691.78	4	3,788.26	10	3,884.74	4	3,981.17	10	4,076.12	4	4,168.61	10	4,258.63	4	4,345.55	10	4,399.12
1/8	3,597.31	1/8	3,693.79	1/8	3,790.27	1/8	3,886.75	1/8	3,983.17	1/8	4,078.07	1/8	4,170.50	1/8	4,260.48	1/8	4,347.31	1/8	4,400.12
1/4	3,599.32	1/4	3,695.80	1/4	3,792.28	1/4	3,888.76	1/4	3,985.16	1/4	4,080.02	1/4	4,172.40	1/4	4,262.32	1/4	4,349.07	1/4	4,401.12
3/8	3,601.33	3/8	3,697.81	3/8	3,794.29	3/8	3,890.77	3/8	3,987.16	3/8	4,081.97	3/8	4,174.29	3/8	4,264.17	3/8	4,350.83	3/8	4,402.12
1/2	3,603.34	1/2	3,699.82	1/2	3,796.30	1/2	3,892.78	1/2	3,989.16	1/2	4,083.92	1/2	4,176.19	1/2	4,266.02	1/2	4,352.60	1/2	4,403.12
5/8	3,605.35	5/8	3,701.83	5/8	3,798.31	5/8	3,894.79	5/8	3,991.16	5/8	4,085.87	5/8	4,178.08	5/8	4,267.87	5/8	4,354.36	5/8	4,404.12
3/4	3,607.36	3/4	3,703.84	3/4	3,800.32	3/4	3,896.80	3/4	3,993.16	3/4	4,087.82	3/4	4,179.98	3/4	4,269.71	3/4	4,356.12	3/4	4,405.12
7/8	3,609.37	7/8	3,705.85	7/8	3,802.33	7/8	3,898.81	7/8	3,995.16	7/8	4,089.77	7/8	4,181.87	7/8	4,271.56	7/8	4,357.89	7/8	4,406.12
5	3,611.38	11	3,707.86	5	3,804.34	11	3,900.82	5	3,997.15	11	4,091.72	5	4,183.77	11	4,273.41	5	4,359.65	11	4,407.12
1/8	3,613.39	1/8	3,709.87	1/8	3,806.35	1/8	3,902.83	1/8	3,999.14	1/8	4,093.66	1/8	4,185.66	1/8	4,275.23	1/8	4,361.11	1/8	4,408.12
1/4	3,615.40	1/4	3,711.88	1/4	3,808.36	1/4	3,904.84	1/4	4,001.13	1/4	4,095.61	1/4	4,187.54	1/4	4,277.05	1/4	4,362.57	1/4	4,409.12
3/8	3,617.41	3/8	3,713.89	3/8	3,810.37	3/8	3,906.85	3/8	4,003.12	3/8	4,097.55	3/8	4,189.43	3/8	4,278.87	3/8	4,364.03	3/8	4,410.12
1/2	3,619.42	1/2	3,715.90	1/2	3,812.38	1/2	3,908.86	1/2	4,005.11	1/2	4,099.49	1/2	4,191.32	1/2	4,280.69	1/2	4,365.49	1/2	4,411.12
5/8	3,621.43	5/8	3,717.91	5/8	3,814.39	5/8	3,910.87	5/8	4,007.10	5/8	4,101.43	5/8	4,193.21	5/8	4,282.51	5/8	4,366.95	5/8	4,412.12
3/4	3,623.44	3/4	3,719.92	3/4	3,816.40	3/4	3,912.88	3/4	4,009.09	3/4	4,103.38	3/4	4,195.09	3/4	4,284.33	3/4	4,368.41	3/4	4,413.12
7/8	3,625.45	7/8	3,721.93	7/8	3,818.41	7/8	3,914.89	7/8	4,011.08	7/8	4,105.32	7/8	4,196.98	7/8	4,286.15	7/8	4,369.87	7/8	4,414.12

STRAPPED: 06/07/2013 PMA
RECALCULATED: 01/19/2023 PMA
VERIFIED: 08/04/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2023

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 29075"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "HBC 308"

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	383	0	766	0	1,148	0	1,531	0	1,913	0	0	0	0	0	0	0	0
1/4	8	1/4	391	1/4	774	1/4	1,156	1/4	1,539	1/4	1,921	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	16	1/2	399	1/2	782	1/2	1,164	1/2	1,547	1/2	1,929	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	24	3/4	407	3/4	790	3/4	1,172	3/4	1,555	3/4	1,937	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	32	1	415	1	797	1	1,180	1	1,563	1	1,945	1	1	1	1	1	1	1	1
1/4	40	1/4	423	1/4	805	1/4	1,188	1/4	1,571	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	48	1/2	431	1/2	813	1/2	1,196	1/2	1,579	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	56	3/4	439	3/4	821	3/4	1,204	3/4	1,587	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	64	2	447	2	829	2	1,212	2	1,595	2	2	2	2	2	2	2	2	2	2
1/4	72	1/4	455	1/4	837	1/4	1,220	1/4	1,603	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80	1/2	463	1/2	845	1/2	1,228	1/2	1,611	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	88	3/4	471	3/4	853	3/4	1,236	3/4	1,619	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	96	3	478	3	861	3	1,244	3	1,627	3	3	3	3	3	3	3	3	3	3
1/4	104	1/4	486	1/4	869	1/4	1,252	1/4	1,635	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112	1/2	494	1/2	877	1/2	1,260	1/2	1,643	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120	3/4	502	3/4	885	3/4	1,268	3/4	1,651	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	128	4	510	4	893	4	1,276	4	1,659	4	4	4	4	4	4	4	4	4	4
1/4	136	1/4	518	1/4	901	1/4	1,284	1/4	1,667	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	144	1/2	526	1/2	909	1/2	1,292	1/2	1,675	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152	3/4	534	3/4	917	3/4	1,300	3/4	1,683	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	160	5	542	5	925	5	1,308	5	1,691	5	5	5	5	5	5	5	5	5	5
1/4	167	1/4	550	1/4	933	1/4	1,316	1/4	1,699	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	175	1/2	558	1/2	941	1/2	1,324	1/2	1,707	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	183	3/4	566	3/4	949	3/4	1,332	3/4	1,715	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	191	6	574	6	957	6	1,340	6	1,723	6	6	6	6	6	6	6	6	6	6
1/4	199	1/4	582	1/4	965	1/4	1,348	1/4	1,731	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	207	1/2	590	1/2	973	1/2	1,356	1/2	1,739	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	215	3/4	598	3/4	981	3/4	1,364	3/4	1,746	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	223	7	606	7	989	7	1,372	7	1,754	7	7	7	7	7	7	7	7	7	7
1/4	231	1/4	614	1/4	997	1/4	1,380	1/4	1,762	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	239	1/2	622	1/2	1,005	1/2	1,388	1/2	1,770	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	247	3/4	630	3/4	1,013	3/4	1,396	3/4	1,778	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	255	8	638	8	1,021	8	1,404	8	1,786	8	8	8	8	8	8	8	8	8	8
1/4	263	1/4	646	1/4	1,029	1/4	1,412	1/4	1,794	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	271	1/2	654	1/2	1,037	1/2	1,420	1/2	1,802	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	279	3/4	662	3/4	1,045	3/4	1,427	3/4	1,810	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	287	9	670	9	1,053	9	1,435	9	1,818	9	9	9	9	9	9	9	9	9	9
1/4	295	1/4	678	1/4	1,061	1/4	1,443	1/4	1,826	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	303	1/2	686	1/2	1,069	1/2	1,451	1/2	1,834	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	311	3/4	694	3/4	1,077	3/4	1,459	3/4	1,842	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	319	10	702	10	1,085	10	1,467	10	1,850	10	10	10	10	10	10	10	10	10	10
1/4	327	1/4	710	1/4	1,093	1/4	1,475	1/4	1,858	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	335	1/2	718	1/2	1,101	1/2	1,483	1/2	1,866	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	343	3/4	726	3/4	1,109	3/4	1,491	3/4	1,874	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	351	11	734	11	1,116	11	1,499	11	1,881	11	11	11	11	11	11	11	11	11	11
1/4	359	1/4	742	1/4	1,124	1/4	1,507	1/4	1,889	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	367	1/2	750	1/2	1,132	1/2	1,515	1/2	1,897	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	375	3/4	758	3/4	1,140	3/4	1,523	3/4	1,905	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

MV 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: 08/03/2023 CL
CALCULATED: 08/04/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2023

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 29075"

PORT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "HBC 308"

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	966	0	1,931	0	2,895	0	3,812	0	4,665	0	0	0	0	0	0	0	0
1/4	20	1/4	986	1/4	1,951	1/4	2,914	1/4	3,831	1/4	4,682	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	40	1/2	1,006	1/2	1,971	1/2	2,934	1/2	3,849	1/2	4,699	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	60	3/4	1,026	3/4	1,991	3/4	2,954	3/4	3,868	3/4	4,716	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	80	1	1,046	1	2,012	1	2,974	1	3,886	1	4,733	1	1	1	1	1	1	1	1
1/4	101	1/4	1,066	1/4	2,032	1/4	2,993	1/4	3,904	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121	1/2	1,086	1/2	2,052	1/2	3,013	1/2	3,923	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	141	3/4	1,106	3/4	2,072	3/4	3,032	3/4	3,941	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	161	2	1,126	2	2,092	2	3,052	2	3,959	2	2	2	2	2	2	2	2	2	2
1/4	181	1/4	1,147	1/4	2,112	1/4	3,072	1/4	3,977	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	201	1/2	1,167	1/2	2,132	1/2	3,091	1/2	3,996	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	221	3/4	1,187	3/4	2,152	3/4	3,111	3/4	4,014	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	241	3	1,207	3	2,172	3	3,130	3	4,032	3	3	3	3	3	3	3	3	3	3
1/4	262	1/4	1,227	1/4	2,193	1/4	3,149	1/4	4,050	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	282	1/2	1,247	1/2	2,213	1/2	3,169	1/2	4,068	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	302	3/4	1,267	3/4	2,233	3/4	3,188	3/4	4,086	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	322	4	1,287	4	2,253	4	3,208	4	4,104	4	4	4	4	4	4	4	4	4	4
1/4	342	1/4	1,307	1/4	2,273	1/4	3,227	1/4	4,122	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	362	1/2	1,328	1/2	2,293	1/2	3,246	1/2	4,140	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	382	3/4	1,348	3/4	2,313	3/4	3,265	3/4	4,158	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	402	5	1,368	5	2,333	5	3,285	5	4,176	5	5	5	5	5	5	5	5	5	5
1/4	422	1/4	1,388	1/4	2,353	1/4	3,304	1/4	4,194	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	443	1/2	1,408	1/2	2,374	1/2	3,323	1/2	4,212	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	463	3/4	1,428	3/4	2,394	3/4	3,342	3/4	4,230	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	483	6	1,448	6	2,414	6	3,361	6	4,248	6	6	6	6	6	6	6	6	6	6
1/4	503	1/4	1,468	1/4	2,434	1/4	3,381	1/4	4,265	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	523	1/2	1,489	1/2	2,454	1/2	3,400	1/2	4,283	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	543	3/4	1,509	3/4	2,474	3/4	3,419	3/4	4,301	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	563	7	1,529	7	2,494	7	3,438	7	4,319	7	7	7	7	7	7	7	7	7	7
1/4	583	1/4	1,549	1/4	2,514	1/4	3,457	1/4	4,336	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	603	1/2	1,569	1/2	2,535	1/2	3,476	1/2	4,354	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	624	3/4	1,589	3/4	2,555	3/4	3,495	3/4	4,371	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	644	8	1,609	8	2,575	8	3,514	8	4,389	8	8	8	8	8	8	8	8	8	8
1/4	664	1/4	1,629	1/4	2,595	1/4	3,532	1/4	4,407	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	684	1/2	1,649	1/2	2,615	1/2	3,551	1/2	4,424	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	704	3/4	1,670	3/4	2,635	3/4	3,570	3/4	4,442	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	724	9	1,690	9	2,655	9	3,589	9	4,459	9	9	9	9	9	9	9	9	9	9
1/4	744	1/4	1,710	1/4	2,675	1/4	3,608	1/4	4,476	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	764	1/2	1,730	1/2	2,695	1/2	3,626	1/2	4,494	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	784	3/4	1,750	3/4	2,715	3/4	3,645	3/4	4,511	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	805	10	1,770	10	2,735	10	3,664	10	4,528	10	10	10	10	10	10	10	10	10	10
1/4	825	1/4	1,790	1/4	2,755	1/4	3,683	1/4	4,545	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	845	1/2	1,810	1/2	2,775	1/2	3,701	1/2	4,563	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	865	3/4	1,830	3/4	2,795	3/4	3,720	3/4	4,580	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	885	11	1,851	11	2,815	11	3,738	11	4,597	11	11	11	11	11	11	11	11	11	11
1/4	905	1/4	1,871	1/4	2,835	1/4	3,757	1/4	4,614	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	925	1/2	1,891	1/2	2,855	1/2	3,775	1/2	4,631	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	945	3/4	1,911	3/4	2,875	3/4	3,794	3/4	4,648	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

M/V 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: 08/03/2023 CL
CALCULATED: 08/04/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2023

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 29075"

STBD SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "HBC 308"

N	0 FT.	N	1 FT.	N	2 FT.	N	3 FT.	N	4 FT.	N	5 FT.	N	6 FT.	N	7 FT.	N	8 FT.	N	9 FT.
0	0	0	960	0	1,920	0	2,878	0	3,791	0	4,638	0		0		0		0	
1/4	20	1/4	980	1/4	1,940	1/4	2,898	1/4	3,809	1/4	4,655	1/4		1/4		1/4		1/4	
1/2	40	1/2	1,000	1/2	1,960	1/2	2,917	1/2	3,827	1/2	4,672	1/2		1/2		1/2		1/2	
3/4	60	3/4	1,020	3/4	1,980	3/4	2,937	3/4	3,846	3/4	4,689	3/4		3/4		3/4		3/4	
1	80	1	1,040	1	2,000	1	2,956	1	3,864	1	4,706	1		1		1		1	
1/4	100	1/4	1,060	1/4	2,020	1/4	2,976	1/4	3,882	1/4		1/4		1/4		1/4		1/4	
1/2	120	1/2	1,080	1/2	2,040	1/2	2,996	1/2	3,900	1/2		1/2		1/2		1/2		1/2	
3/4	140	3/4	1,100	3/4	2,060	3/4	3,015	3/4	3,918	3/4		3/4		3/4		3/4		3/4	
2	160	2	1,120	2	2,080	2	3,035	2	3,937	2		2		2		2		2	
1/4	180	1/4	1,140	1/4	2,100	1/4	3,054	1/4	3,955	1/4		1/4		1/4		1/4		1/4	
1/2	200	1/2	1,160	1/2	2,120	1/2	3,073	1/2	3,973	1/2		1/2		1/2		1/2		1/2	
3/4	220	3/4	1,180	3/4	2,140	3/4	3,093	3/4	3,991	3/4		3/4		3/4		3/4		3/4	
3	240	3	1,200	3	2,160	3	3,112	3	4,009	3		3		3		3		3	
1/4	260	1/4	1,220	1/4	2,180	1/4	3,131	1/4	4,027	1/4		1/4		1/4		1/4		1/4	
1/2	280	1/2	1,240	1/2	2,200	1/2	3,151	1/2	4,045	1/2		1/2		1/2		1/2		1/2	
3/4	300	3/4	1,260	3/4	2,220	3/4	3,170	3/4	4,063	3/4		3/4		3/4		3/4		3/4	
4	320	4	1,280	4	2,240	4	3,189	4	4,081	4		4		4		4		4	
1/4	340	1/4	1,300	1/4	2,260	1/4	3,208	1/4	4,099	1/4		1/4		1/4		1/4		1/4	
1/2	360	1/2	1,320	1/2	2,280	1/2	3,228	1/2	4,117	1/2		1/2		1/2		1/2		1/2	
3/4	380	3/4	1,340	3/4	2,300	3/4	3,247	3/4	4,134	3/4		3/4		3/4		3/4		3/4	
5	400	5	1,360	5	2,320	5	3,266	5	4,152	5		5		5		5		5	
1/4	420	1/4	1,380	1/4	2,340	1/4	3,285	1/4	4,170	1/4		1/4		1/4		1/4		1/4	
1/2	440	1/2	1,400	1/2	2,360	1/2	3,304	1/2	4,188	1/2		1/2		1/2		1/2		1/2	
3/4	460	3/4	1,420	3/4	2,380	3/4	3,323	3/4	4,206	3/4		3/4		3/4		3/4		3/4	
6	480	6	1,440	6	2,400	6	3,342	6	4,223	6		6		6		6		6	
1/4	500	1/4	1,460	1/4	2,420	1/4	3,361	1/4	4,241	1/4		1/4		1/4		1/4		1/4	
1/2	520	1/2	1,480	1/2	2,440	1/2	3,380	1/2	4,259	1/2		1/2		1/2		1/2		1/2	
3/4	540	3/4	1,500	3/4	2,460	3/4	3,399	3/4	4,276	3/4		3/4		3/4		3/4		3/4	
7	560	7	1,520	7	2,480	7	3,418	7	4,294	7		7		7		7		7	
1/4	580	1/4	1,540	1/4	2,500	1/4	3,437	1/4	4,311	1/4		1/4		1/4		1/4		1/4	
1/2	600	1/2	1,560	1/2	2,520	1/2	3,456	1/2	4,329	1/2		1/2		1/2		1/2		1/2	
3/4	620	3/4	1,580	3/4	2,540	3/4	3,475	3/4	4,346	3/4		3/4		3/4		3/4		3/4	
8	640	8	1,600	8	2,560	8	3,493	8	4,364	8		8		8		8		8	
1/4	660	1/4	1,620	1/4	2,580	1/4	3,512	1/4	4,381	1/4		1/4		1/4		1/4		1/4	
1/2	680	1/2	1,640	1/2	2,600	1/2	3,531	1/2	4,399	1/2		1/2		1/2		1/2		1/2	
3/4	700	3/4	1,660	3/4	2,620	3/4	3,550	3/4	4,416	3/4		3/4		3/4		3/4		3/4	
9	720	9	1,680	9	2,640	9	3,568	9	4,434	9		9		9		9		9	
1/4	740	1/4	1,700	1/4	2,660	1/4	3,587	1/4	4,451	1/4		1/4		1/4		1/4		1/4	
1/2	760	1/2	1,720	1/2	2,680	1/2	3,606	1/2	4,468	1/2		1/2		1/2		1/2		1/2	
3/4	780	3/4	1,740	3/4	2,700	3/4	3,624	3/4	4,485	3/4		3/4		3/4		3/4		3/4	
10	800	10	1,760	10	2,720	10	3,643	10	4,502	10		10		10		10		10	
1/4	820	1/4	1,780	1/4	2,740	1/4	3,661	1/4	4,519	1/4		1/4		1/4		1/4		1/4	
1/2	840	1/2	1,800	1/2	2,759	1/2	3,680	1/2	4,536	1/2		1/2		1/2		1/2		1/2	
3/4	860	3/4	1,820	3/4	2,779	3/4	3,698	3/4	4,554	3/4		3/4		3/4		3/4		3/4	
11	880	11	1,840	11	2,799	11	3,717	11	4,571	11		11		11		11		11	
1/4	900	1/4	1,860	1/4	2,819	1/4	3,735	1/4	4,588	1/4		1/4		1/4		1/4		1/4	
1/2	920	1/2	1,880	1/2	2,839	1/2	3,754	1/2	4,604	1/2		1/2		1/2		1/2		1/2	
3/4	940	3/4	1,900	3/4	2,858	3/4	3,772	3/4	4,621	3/4		3/4		3/4		3/4		3/4	

M/V 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: 08/03/2023 CL
CALCULATED: 08/04/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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