



BARGE "HBC 310"

INNAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 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"

July 18, 2013

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HBC 310"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	3,626.27	0	3,988.84	0	4,351.42	0	4,709.16	0	5,048.69	0		0		0		0		0	
1/4	3,633.83	1/4	3,996.40	1/4	4,358.97	1/4	4,716.43	1/4	5,055.50	1/4		1/4		1/4		1/4		1/4	
1/2	3,641.38	1/2	4,003.95	1/2	4,366.52	1/2	4,723.70	1/2	5,062.31	1/2		1/2		1/2		1/2		1/2	
3/4	3,648.93	3/4	4,011.51	3/4	4,374.08	3/4	4,730.97	3/4	5,069.13	3/4		3/4		3/4		3/4		3/4	
1	3,656.49	1	4,019.06	1	4,381.63	1	4,738.24	1	5,075.94	1		1		1		1		1	
1/4	3,664.04	1/4	4,026.61	1/4	4,389.19	1/4	4,745.45	1/4	5,082.72	1/4		1/4		1/4		1/4		1/4	
1/2	3,671.59	1/2	4,034.17	1/2	4,396.74	1/2	4,752.67	1/2	5,089.51	1/2		1/2		1/2		1/2		1/2	
3/4	3,679.15	3/4	4,041.72	3/4	4,404.29	3/4	4,759.88	3/4	5,096.29	3/4		3/4		3/4		3/4		3/4	
2	3,686.70	2	4,049.27	2	4,411.85	2	4,767.09	2	5,103.07	2		2		2		2		2	
1/4	3,694.25	1/4	4,056.83	1/4	4,419.40	1/4	4,774.27	1/4	5,109.82	1/4		1/4		1/4		1/4		1/4	
1/2	3,701.81	1/2	4,064.38	1/2	4,426.95	1/2	4,781.45	1/2	5,116.58	1/2		1/2		1/2		1/2		1/2	
3/4	3,709.36	3/4	4,071.93	3/4	4,434.51	3/4	4,788.63	3/4	5,123.33	3/4		3/4		3/4		3/4		3/4	
3	3,716.91	3	4,079.49	3	4,442.06	3	4,795.81	3	5,130.08	3		3		3		3		3	
1/4	3,724.47	1/4	4,087.04	1/4	4,449.60	1/4	4,802.96	1/4	5,136.79	1/4		1/4		1/4		1/4		1/4	
1/2	3,732.02	1/2	4,094.59	1/2	4,457.14	1/2	4,810.11	1/2	5,143.51	1/2		1/2		1/2		1/2		1/2	
3/4	3,739.58	3/4	4,102.15	3/4	4,464.69	3/4	4,817.26	3/4	5,150.22	3/4		3/4		3/4		3/4		3/4	
4	3,747.13	4	4,109.70	4	4,472.23	4	4,824.42	4	5,156.93	4		4		4		4		4	
1/4	3,754.68	1/4	4,117.26	1/4	4,479.74	1/4	4,831.54	1/4	5,163.59	1/4		1/4		1/4		1/4		1/4	
1/2	3,762.24	1/2	4,124.81	1/2	4,487.25	1/2	4,838.66	1/2	5,170.25	1/2		1/2		1/2		1/2		1/2	
3/4	3,769.79	3/4	4,132.36	3/4	4,494.75	3/4	4,845.78	3/4	5,176.90	3/4		3/4		3/4		3/4		3/4	
5	3,777.34	5	4,139.92	5	4,502.26	5	4,852.90	5	5,183.56	5		5		5		5		5	
1/4	3,784.90	1/4	4,147.47	1/4	4,509.74	1/4	4,859.99	1/4	5,189.59	1/4		1/4		1/4		1/4		1/4	
1/2	3,792.45	1/2	4,155.02	1/2	4,517.22	1/2	4,867.08	1/2	5,195.63	1/2		1/2		1/2		1/2		1/2	
3/4	3,800.00	3/4	4,162.58	3/4	4,524.70	3/4	4,874.17	3/4	5,201.66	3/4		3/4		3/4		3/4		3/4	
6	3,807.56	6	4,170.13	6	4,532.18	6	4,881.27	6	5,207.69	6		6		6		6		6	
1/4	3,815.11	1/4	4,177.68	1/4	4,539.63	1/4	4,888.33	1/4	5,213.25	1/4		1/4		1/4		1/4		1/4	
1/2	3,822.67	1/2	4,185.24	1/2	4,547.08	1/2	4,895.39	1/2	5,218.82	1/2		1/2		1/2		1/2		1/2	
3/4	3,830.22	3/4	4,192.79	3/4	4,554.53	3/4	4,902.45	3/4	5,224.39	3/4		3/4		3/4		3/4		3/4	
7	3,837.77	7	4,200.35	7	4,561.98	7	4,909.51	7	5,229.95	7		7		7		7		7	
1/4	3,845.33	1/4	4,207.90	1/4	4,569.39	1/4	4,916.54	1/4	5,234.29	1/4		1/4		1/4		1/4		1/4	
1/2	3,852.88	1/2	4,215.45	1/2	4,576.81	1/2	4,923.57	1/2	5,238.62	1/2		1/2		1/2		1/2		1/2	
3/4	3,860.43	3/4	4,223.01	3/4	4,584.23	3/4	4,930.61	3/4	5,242.96	3/4		3/4		3/4		3/4		3/4	
8	3,867.99	8	4,230.56	8	4,591.65	8	4,937.64	8	5,247.29	8		8		8		8		8	
1/4	3,875.54	1/4	4,238.11	1/4	4,599.04	1/4	4,944.64	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,883.09	1/2	4,245.67	1/2	4,606.43	1/2	4,951.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,890.65	3/4	4,253.22	3/4	4,613.82	3/4	4,958.64	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,898.20	9	4,260.77	9	4,621.21	9	4,965.64	9		9		9		9		9		9	
1/4	3,905.75	1/4	4,268.33	1/4	4,628.57	1/4	4,972.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,913.31	1/2	4,275.88	1/2	4,635.93	1/2	4,979.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,920.86	3/4	4,283.43	3/4	4,643.29	3/4	4,986.57	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,928.42	10	4,290.99	10	4,650.65	10	4,993.54	10		10		10		10		10		10	
1/4	3,935.97	1/4	4,298.54	1/4	4,657.98	1/4	5,000.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,943.52	1/2	4,306.10	1/2	4,665.31	1/2	5,007.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,951.08	3/4	4,313.65	3/4	4,672.64	3/4	5,014.37	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,958.63	11	4,321.20	11	4,679.97	11	5,021.32	11		11		11		11		11		11	
1/4	3,966.18	1/4	4,328.76	1/4	4,687.27	1/4	5,028.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,973.74	1/2	4,336.31	1/2	4,694.57	1/2	5,035.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,981.29	3/4	4,343.86	3/4	4,701.87	3/4	5,041.85	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CALCULATED: 07/18/2013 CL
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ALL PRIOR TO 07/2013

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BARGE "HBC 310"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,624.37	0	3,986.95	0	4,349.52	0	4,707.27	0	5,046.79	0		0		0		0		0	
1/4	3,631.93	1/4	3,994.50	1/4	4,357.07	1/4	4,714.54	1/4	5,053.60	1/4		1/4		1/4		1/4		1/4	
1/2	3,639.48	1/2	4,002.05	1/2	4,364.63	1/2	4,721.81	1/2	5,060.42	1/2		1/2		1/2		1/2		1/2	
3/4	3,647.03	3/4	4,009.61	3/4	4,372.18	3/4	4,729.08	3/4	5,067.23	3/4		3/4		3/4		3/4		3/4	
1	3,654.59	1	4,017.16	1	4,379.73	1	4,736.35	1	5,074.04	1		1		1		1		1	
1/4	3,662.14	1/4	4,024.71	1/4	4,387.29	1/4	4,743.56	1/4	5,080.82	1/4		1/4		1/4		1/4		1/4	
1/2	3,669.69	1/2	4,032.27	1/2	4,394.84	1/2	4,750.77	1/2	5,087.61	1/2		1/2		1/2		1/2		1/2	
3/4	3,677.25	3/4	4,039.82	3/4	4,402.39	3/4	4,757.98	3/4	5,094.39	3/4		3/4		3/4		3/4		3/4	
2	3,684.80	2	4,047.37	2	4,409.95	2	4,765.19	2	5,101.17	2		2		2		2		2	
1/4	3,692.36	1/4	4,054.93	1/4	4,417.50	1/4	4,772.37	1/4	5,107.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,699.91	1/2	4,062.48	1/2	4,425.05	1/2	4,779.55	1/2	5,114.68	1/2		1/2		1/2		1/2		1/2	
3/4	3,707.46	3/4	4,070.04	3/4	4,432.61	3/4	4,786.73	3/4	5,121.43	3/4		3/4		3/4		3/4		3/4	
3	3,715.02	3	4,077.59	3	4,440.16	3	4,793.91	3	5,128.18	3		3		3		3		3	
1/4	3,722.57	1/4	4,085.14	1/4	4,447.70	1/4	4,801.06	1/4	5,134.89	1/4		1/4		1/4		1/4		1/4	
1/2	3,730.12	1/2	4,092.70	1/2	4,455.25	1/2	4,808.21	1/2	5,141.61	1/2		1/2		1/2		1/2		1/2	
3/4	3,737.68	3/4	4,100.25	3/4	4,462.79	3/4	4,815.37	3/4	5,148.32	3/4		3/4		3/4		3/4		3/4	
4	3,745.23	4	4,107.80	4	4,470.33	4	4,822.52	4	5,155.03	4		4		4		4		4	
1/4	3,752.78	1/4	4,115.36	1/4	4,477.84	1/4	4,829.64	1/4	5,161.69	1/4		1/4		1/4		1/4		1/4	
1/2	3,760.34	1/2	4,122.91	1/2	4,485.35	1/2	4,836.76	1/2	5,168.35	1/2		1/2		1/2		1/2		1/2	
3/4	3,767.89	3/4	4,130.46	3/4	4,492.86	3/4	4,843.88	3/4	5,175.00	3/4		3/4		3/4		3/4		3/4	
5	3,775.44	5	4,138.02	5	4,500.37	5	4,851.00	5	5,181.66	5		5		5		5		5	
1/4	3,783.00	1/4	4,145.57	1/4	4,507.84	1/4	4,858.09	1/4	5,187.69	1/4		1/4		1/4		1/4		1/4	
1/2	3,790.55	1/2	4,153.12	1/2	4,515.32	1/2	4,865.18	1/2	5,193.72	1/2		1/2		1/2		1/2		1/2	
3/4	3,798.11	3/4	4,160.68	3/4	4,522.80	3/4	4,872.27	3/4	5,199.76	3/4		3/4		3/4		3/4		3/4	
6	3,805.66	6	4,168.23	6	4,530.28	6	4,879.37	6	5,205.79	6		6		6		6		6	
1/4	3,813.21	1/4	4,175.79	1/4	4,537.73	1/4	4,886.43	1/4	5,211.35	1/4		1/4		1/4		1/4		1/4	
1/2	3,820.77	1/2	4,183.34	1/2	4,545.18	1/2	4,893.49	1/2	5,216.92	1/2		1/2		1/2		1/2		1/2	
3/4	3,828.32	3/4	4,190.89	3/4	4,552.63	3/4	4,900.55	3/4	5,222.48	3/4		3/4		3/4		3/4		3/4	
7	3,835.87	7	4,198.45	7	4,560.08	7	4,907.61	7	5,228.05	7		7		7		7		7	
1/4	3,843.43	1/4	4,206.00	1/4	4,567.50	1/4	4,914.64	1/4	5,232.38	1/4		1/4		1/4		1/4		1/4	
1/2	3,850.98	1/2	4,213.55	1/2	4,574.92	1/2	4,921.68	1/2	5,236.72	1/2		1/2		1/2		1/2		1/2	
3/4	3,858.53	3/4	4,221.11	3/4	4,582.34	3/4	4,928.71	3/4	5,241.05	3/4		3/4		3/4		3/4		3/4	
8	3,866.09	8	4,228.66	8	4,589.75	8	4,935.74	8	5,245.39	8		8		8		8		8	
1/4	3,873.64	1/4	4,236.21	1/4	4,597.14	1/4	4,942.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,881.20	1/2	4,243.77	1/2	4,604.53	1/2	4,949.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,888.75	3/4	4,251.32	3/4	4,611.92	3/4	4,956.74	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,896.30	9	4,258.88	9	4,619.31	9	4,963.75	9		9		9		9		9		9	
1/4	3,903.86	1/4	4,266.43	1/4	4,626.67	1/4	4,970.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,911.41	1/2	4,273.98	1/2	4,634.03	1/2	4,977.69	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,918.96	3/4	4,281.54	3/4	4,641.39	3/4	4,984.67	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,926.52	10	4,289.09	10	4,648.75	10	4,991.64	10		10		10		10		10		10	
1/4	3,934.07	1/4	4,296.64	1/4	4,656.08	1/4	4,998.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,941.62	1/2	4,304.20	1/2	4,663.41	1/2	5,005.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,949.18	3/4	4,311.75	3/4	4,670.74	3/4	5,012.47	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,956.73	11	4,319.30	11	4,678.07	11	5,019.42	11		11		11		11		11		11	
1/4	3,964.28	1/4	4,326.86	1/4	4,685.37	1/4	5,026.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,971.84	1/2	4,334.41	1/2	4,692.67	1/2	5,033.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,979.39	3/4	4,341.96	3/4	4,699.97	3/4	5,039.95	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "HBC 310"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,614.96	0	3,976.41	0	4,337.85	0	4,694.49	0	5,032.97	0		0		0		0		0	
1/4	3,622.49	1/4	3,983.94	1/4	4,345.38	1/4	4,701.74	1/4	5,039.76	1/4		1/4		1/4		1/4		1/4	
1/2	3,630.02	1/2	3,991.47	1/2	4,352.91	1/2	4,708.98	1/2	5,046.56	1/2		1/2		1/2		1/2		1/2	
3/4	3,637.55	3/4	3,999.00	3/4	4,360.44	3/4	4,716.23	3/4	5,053.35	3/4		3/4		3/4		3/4		3/4	
1	3,645.08	1	4,006.53	1	4,367.97	1	4,723.48	1	5,060.14	1		1		1		1		1	
1/4	3,652.61	1/4	4,014.06	1/4	4,375.50	1/4	4,730.67	1/4	5,066.90	1/4		1/4		1/4		1/4		1/4	
1/2	3,660.14	1/2	4,021.59	1/2	4,383.03	1/2	4,737.86	1/2	5,073.66	1/2		1/2		1/2		1/2		1/2	
3/4	3,667.68	3/4	4,029.12	3/4	4,390.56	3/4	4,745.04	3/4	5,080.43	3/4		3/4		3/4		3/4		3/4	
2	3,675.21	2	4,036.65	2	4,398.09	2	4,752.23	2	5,087.19	2		2		2		2		2	
1/4	3,682.74	1/4	4,044.18	1/4	4,405.62	1/4	4,759.39	1/4	5,093.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,690.27	1/2	4,051.71	1/2	4,413.15	1/2	4,766.55	1/2	5,100.65	1/2		1/2		1/2		1/2		1/2	
3/4	3,697.80	3/4	4,059.24	3/4	4,420.69	3/4	4,773.71	3/4	5,107.38	3/4		3/4		3/4		3/4		3/4	
3	3,705.33	3	4,066.77	3	4,428.22	3	4,780.87	3	5,114.11	3		3		3		3		3	
1/4	3,712.86	1/4	4,074.30	1/4	4,435.73	1/4	4,788.00	1/4	5,120.81	1/4		1/4		1/4		1/4		1/4	
1/2	3,720.39	1/2	4,081.83	1/2	4,443.25	1/2	4,795.13	1/2	5,127.50	1/2		1/2		1/2		1/2		1/2	
3/4	3,727.92	3/4	4,089.36	3/4	4,450.77	3/4	4,802.25	3/4	5,134.19	3/4		3/4		3/4		3/4		3/4	
4	3,735.45	4	4,096.89	4	4,458.29	4	4,809.38	4	5,140.88	4		4		4		4		4	
1/4	3,742.98	1/4	4,104.42	1/4	4,465.77	1/4	4,816.48	1/4	5,147.52	1/4		1/4		1/4		1/4		1/4	
1/2	3,750.51	1/2	4,111.95	1/2	4,473.26	1/2	4,823.58	1/2	5,154.16	1/2		1/2		1/2		1/2		1/2	
3/4	3,758.04	3/4	4,119.48	3/4	4,480.74	3/4	4,830.68	3/4	5,160.80	3/4		3/4		3/4		3/4		3/4	
5	3,765.57	5	4,127.01	5	4,488.23	5	4,837.78	5	5,167.43	5		5		5		5		5	
1/4	3,773.10	1/4	4,134.54	1/4	4,495.68	1/4	4,844.85	1/4	5,173.45	1/4		1/4		1/4		1/4		1/4	
1/2	3,780.63	1/2	4,142.07	1/2	4,503.14	1/2	4,851.92	1/2	5,179.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,788.16	3/4	4,149.60	3/4	4,510.60	3/4	4,858.99	3/4	5,185.47	3/4		3/4		3/4		3/4		3/4	
6	3,795.69	6	4,157.13	6	4,518.05	6	4,866.06	6	5,191.49	6		6		6		6		6	
1/4	3,803.22	1/4	4,164.66	1/4	4,525.48	1/4	4,873.10	1/4	5,197.03	1/4		1/4		1/4		1/4		1/4	
1/2	3,810.75	1/2	4,172.19	1/2	4,532.90	1/2	4,880.14	1/2	5,202.58	1/2		1/2		1/2		1/2		1/2	
3/4	3,818.28	3/4	4,179.72	3/4	4,540.33	3/4	4,887.18	3/4	5,208.13	3/4		3/4		3/4		3/4		3/4	
7	3,825.81	7	4,187.25	7	4,547.76	7	4,894.22	7	5,213.68	7		7		7		7		7	
1/4	3,833.34	1/4	4,194.78	1/4	4,555.15	1/4	4,901.23	1/4	5,218.00	1/4		1/4		1/4		1/4		1/4	
1/2	3,840.87	1/2	4,202.31	1/2	4,562.55	1/2	4,908.24	1/2	5,222.32	1/2		1/2		1/2		1/2		1/2	
3/4	3,848.40	3/4	4,209.84	3/4	4,569.94	3/4	4,915.25	3/4	5,226.64	3/4		3/4		3/4		3/4		3/4	
8	3,855.93	8	4,217.37	8	4,577.34	8	4,922.26	8	5,230.96	8		8		8		8		8	
1/4	3,863.46	1/4	4,224.90	1/4	4,584.71	1/4	4,929.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,870.99	1/2	4,232.43	1/2	4,592.07	1/2	4,936.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,878.52	3/4	4,239.96	3/4	4,599.44	3/4	4,943.20	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,886.05	9	4,247.49	9	4,606.81	9	4,950.18	9		9		9		9		9		9	
1/4	3,893.58	1/4	4,255.02	1/4	4,614.14	1/4	4,957.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,901.11	1/2	4,262.55	1/2	4,621.48	1/2	4,964.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,908.64	3/4	4,270.08	3/4	4,628.82	3/4	4,971.04	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,916.17	10	4,277.61	10	4,636.15	10	4,977.99	10		10		10		10		10		10	
1/4	3,923.70	1/4	4,285.14	1/4	4,643.46	1/4	4,984.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,931.23	1/2	4,292.67	1/2	4,650.77	1/2	4,991.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,938.76	3/4	4,300.20	3/4	4,658.07	3/4	4,998.76	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,946.29	11	4,307.73	11	4,665.38	11	5,005.68	11		11		11		11		11		11	
1/4	3,953.82	1/4	4,315.26	1/4	4,672.66	1/4	5,012.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,961.35	1/2	4,322.79	1/2	4,679.93	1/2	5,019.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,968.88	3/4	4,330.32	3/4	4,687.21	3/4	5,026.15	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CALCULATED: 07/18/2013 CL
PRINTED: 07/18/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2013

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



BARGE "HBC 310"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,598.66	0	3,960.06	0	4,321.46	0	4,678.03	0	5,016.48	0		0		0		0		0	
1/4	3,606.19	1/4	3,967.59	1/4	4,328.99	1/4	4,685.28	1/4	5,023.27	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,613.72	1/2	3,975.12	1/2	4,336.52	1/2	4,692.53	1/2	5,030.06	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,621.25	3/4	3,982.65	3/4	4,344.05	3/4	4,699.77	3/4	5,036.85	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,628.78	1	3,990.18	1	4,351.58	1	4,707.02	1	5,043.64	1	1	1	1	1	1	1	1	1	1
1/4	3,636.30	1/4	3,997.71	1/4	4,359.11	1/4	4,714.21	1/4	5,050.40	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,643.83	1/2	4,005.24	1/2	4,366.64	1/2	4,721.40	1/2	5,057.17	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,651.36	3/4	4,012.76	3/4	4,374.17	3/4	4,728.58	3/4	5,063.93	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,658.89	2	4,020.29	2	4,381.70	2	4,735.77	2	5,070.69	2	2	2	2	2	2	2	2	2	2
1/4	3,666.42	1/4	4,027.82	1/4	4,389.22	1/4	4,742.93	1/4	5,077.42	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,673.95	1/2	4,035.35	1/2	4,396.75	1/2	4,750.09	1/2	5,084.15	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,681.48	3/4	4,042.88	3/4	4,404.28	3/4	4,757.25	3/4	5,090.88	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,689.01	3	4,050.41	3	4,411.81	3	4,764.40	3	5,097.61	3	3	3	3	3	3	3	3	3	3
1/4	3,696.54	1/4	4,057.94	1/4	4,419.32	1/4	4,771.53	1/4	5,104.30	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,704.07	1/2	4,065.47	1/2	4,426.84	1/2	4,778.66	1/2	5,110.99	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,711.60	3/4	4,073.00	3/4	4,434.35	3/4	4,785.79	3/4	5,117.69	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,719.13	4	4,080.53	4	4,441.86	4	4,792.92	4	5,124.38	4	4	4	4	4	4	4	4	4	4
1/4	3,726.65	1/4	4,088.06	1/4	4,449.34	1/4	4,800.01	1/4	5,131.01	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,734.18	1/2	4,095.59	1/2	4,456.83	1/2	4,807.11	1/2	5,137.65	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,741.71	3/4	4,103.11	3/4	4,464.31	3/4	4,814.21	3/4	5,144.29	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,749.24	5	4,110.64	5	4,471.80	5	4,821.31	5	5,150.92	5	5	5	5	5	5	5	5	5	5
1/4	3,756.77	1/4	4,118.17	1/4	4,479.25	1/4	4,828.38	1/4	5,156.94	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,764.30	1/2	4,125.70	1/2	4,486.71	1/2	4,835.45	1/2	5,162.95	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,771.83	3/4	4,133.23	3/4	4,494.16	3/4	4,842.52	3/4	5,168.96	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,779.36	6	4,140.76	6	4,501.62	6	4,849.58	6	5,174.97	6	6	6	6	6	6	6	6	6	6
1/4	3,786.89	1/4	4,148.29	1/4	4,509.04	1/4	4,856.62	1/4	5,180.52	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,794.42	1/2	4,155.82	1/2	4,516.47	1/2	4,863.66	1/2	5,186.07	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,801.95	3/4	4,163.35	3/4	4,523.89	3/4	4,870.70	3/4	5,191.62	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,809.48	7	4,170.88	7	4,531.32	7	4,877.74	7	5,197.16	7	7	7	7	7	7	7	7	7	7
1/4	3,817.01	1/4	4,178.41	1/4	4,538.71	1/4	4,884.75	1/4	5,201.48	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,824.53	1/2	4,185.94	1/2	4,546.11	1/2	4,891.76	1/2	5,205.81	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,832.06	3/4	4,193.47	3/4	4,553.50	3/4	4,898.77	3/4	5,210.13	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,839.59	8	4,200.99	8	4,560.90	8	4,905.78	8	5,214.45	8	8	8	8	8	8	8	8	8	8
1/4	3,847.12	1/4	4,208.52	1/4	4,568.26	1/4	4,912.76	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,854.65	1/2	4,216.05	1/2	4,575.63	1/2	4,919.74	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,862.18	3/4	4,223.58	3/4	4,583.00	3/4	4,926.72	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,869.71	9	4,231.11	9	4,590.36	9	4,933.70	9		9	9	9	9	9	9	9	9	9	9
1/4	3,877.24	1/4	4,238.64	1/4	4,597.70	1/4	4,940.65	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,884.77	1/2	4,246.17	1/2	4,605.03	1/2	4,947.60	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,892.30	3/4	4,253.70	3/4	4,612.37	3/4	4,954.55	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,899.83	10	4,261.23	10	4,619.70	10	4,961.50	10		10	10	10	10	10	10	10	10	10	10
1/4	3,907.36	1/4	4,268.76	1/4	4,627.01	1/4	4,968.43	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,914.88	1/2	4,276.29	1/2	4,634.32	1/2	4,975.35	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,922.41	3/4	4,283.82	3/4	4,641.62	3/4	4,982.27	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,929.94	11	4,291.34	11	4,648.93	11	4,989.19	11		11	11	11	11	11	11	11	11	11	11
1/4	3,937.47	1/4	4,298.87	1/4	4,656.21	1/4	4,996.01	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,945.00	1/2	4,306.40	1/2	4,663.48	1/2	5,002.84	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,952.53	3/4	4,313.93	3/4	4,670.76	3/4	5,009.66	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "HBC 310"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,553.14	0	3,746.62	0	3,940.11	0	4,131.02	0	4,312.28	0		0		0		0		0	
1/4	3,557.17	1/4	3,750.66	1/4	3,944.14	1/4	4,134.90	1/4	4,315.91	1/4		1/4		1/4		1/4		1/4	
1/2	3,561.20	1/2	3,754.69	1/2	3,948.17	1/2	4,138.78	1/2	4,319.55	1/2		1/2		1/2		1/2		1/2	
3/4	3,565.23	3/4	3,758.72	3/4	3,952.20	3/4	4,142.66	3/4	4,323.18	3/4		3/4		3/4		3/4		3/4	
1	3,569.27	1	3,762.75	1	3,956.23	1	4,146.54	1	4,326.82	1		1		1		1		1	
1/4	3,573.30	1/4	3,766.78	1/4	3,960.26	1/4	4,150.39	1/4	4,330.44	1/4		1/4		1/4		1/4		1/4	
1/2	3,577.33	1/2	3,770.81	1/2	3,964.29	1/2	4,154.24	1/2	4,334.06	1/2		1/2		1/2		1/2		1/2	
3/4	3,581.36	3/4	3,774.84	3/4	3,968.32	3/4	4,158.09	3/4	4,337.68	3/4		3/4		3/4		3/4		3/4	
2	3,585.39	2	3,778.87	2	3,972.36	2	4,161.94	2	4,341.30	2		2		2		2		2	
1/4	3,589.42	1/4	3,782.90	1/4	3,976.39	1/4	4,165.77	1/4	4,344.91	1/4		1/4		1/4		1/4		1/4	
1/2	3,593.45	1/2	3,786.93	1/2	3,980.42	1/2	4,169.61	1/2	4,348.51	1/2		1/2		1/2		1/2		1/2	
3/4	3,597.48	3/4	3,790.96	3/4	3,984.45	3/4	4,173.44	3/4	4,352.11	3/4		3/4		3/4		3/4		3/4	
3	3,601.51	3	3,795.00	3	3,988.48	3	4,177.27	3	4,355.72	3		3		3		3		3	
1/4	3,605.54	1/4	3,799.03	1/4	3,992.50	1/4	4,181.09	1/4	4,359.30	1/4		1/4		1/4		1/4		1/4	
1/2	3,609.57	1/2	3,803.06	1/2	3,996.53	1/2	4,184.91	1/2	4,362.87	1/2		1/2		1/2		1/2		1/2	
3/4	3,613.61	3/4	3,807.09	3/4	4,000.55	3/4	4,188.73	3/4	4,366.45	3/4		3/4		3/4		3/4		3/4	
4	3,617.64	4	3,811.12	4	4,004.57	4	4,192.55	4	4,370.03	4		4		4		4		4	
1/4	3,621.67	1/4	3,815.15	1/4	4,008.58	1/4	4,196.35	1/4	4,373.57	1/4		1/4		1/4		1/4		1/4	
1/2	3,625.70	1/2	3,819.18	1/2	4,012.59	1/2	4,200.15	1/2	4,377.11	1/2		1/2		1/2		1/2		1/2	
3/4	3,629.73	3/4	3,823.21	3/4	4,016.59	3/4	4,203.95	3/4	4,380.64	3/4		3/4		3/4		3/4		3/4	
5	3,633.76	5	3,827.24	5	4,020.60	5	4,207.75	5	4,384.18	5		5		5		5		5	
1/4	3,637.79	1/4	3,831.27	1/4	4,024.59	1/4	4,211.54	1/4	4,387.11	1/4		1/4		1/4		1/4		1/4	
1/2	3,641.82	1/2	3,835.30	1/2	4,028.58	1/2	4,215.33	1/2	4,390.04	1/2		1/2		1/2		1/2		1/2	
3/4	3,645.85	3/4	3,839.34	3/4	4,032.58	3/4	4,219.11	3/4	4,392.97	3/4		3/4		3/4		3/4		3/4	
6	3,649.88	6	3,843.37	6	4,036.57	6	4,222.90	6	4,395.91	6		6		6		6		6	
1/4	3,653.91	1/4	3,847.40	1/4	4,040.54	1/4	4,226.67	1/4	4,398.01	1/4		1/4		1/4		1/4		1/4	
1/2	3,657.95	1/2	3,851.43	1/2	4,044.52	1/2	4,230.44	1/2	4,400.11	1/2		1/2		1/2		1/2		1/2	
3/4	3,661.98	3/4	3,855.46	3/4	4,048.49	3/4	4,234.21	3/4	4,402.22	3/4		3/4		3/4		3/4		3/4	
7	3,666.01	7	3,859.49	7	4,052.47	7	4,237.98	7	4,404.32	7		7		7		7		7	
1/4	3,670.04	1/4	3,863.52	1/4	4,056.43	1/4	4,241.73	1/4	4,405.19	1/4		1/4		1/4		1/4		1/4	
1/2	3,674.07	1/2	3,867.55	1/2	4,060.39	1/2	4,245.49	1/2	4,406.06	1/2		1/2		1/2		1/2		1/2	
3/4	3,678.10	3/4	3,871.58	3/4	4,064.35	3/4	4,249.24	3/4	4,406.93	3/4		3/4		3/4		3/4		3/4	
8	3,682.13	8	3,875.61	8	4,068.31	8	4,253.00	8	4,407.80	8		8		8		8		8	
1/4	3,686.16	1/4	3,879.64	1/4	4,072.25	1/4	4,256.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,690.19	1/2	3,883.68	1/2	4,076.19	1/2	4,260.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,694.22	3/4	3,887.71	3/4	4,080.14	3/4	4,264.21	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,698.25	9	3,891.74	9	4,084.08	9	4,267.95	9		9		9		9		9		9	
1/4	3,702.29	1/4	3,895.77	1/4	4,088.01	1/4	4,271.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,706.32	1/2	3,899.80	1/2	4,091.94	1/2	4,275.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,710.35	3/4	3,903.83	3/4	4,095.86	3/4	4,279.12	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,714.38	10	3,907.86	10	4,099.79	10	4,282.84	10		10		10		10		10		10	
1/4	3,718.41	1/4	3,911.89	1/4	4,103.70	1/4	4,286.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,722.44	1/2	3,915.92	1/2	4,107.61	1/2	4,290.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,726.47	3/4	3,919.95	3/4	4,111.53	3/4	4,293.96	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,730.50	11	3,923.98	11	4,115.44	11	4,297.67	11		11		11		11		11		11	
1/4	3,734.53	1/4	3,928.02	1/4	4,119.33	1/4	4,301.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,738.56	1/2	3,932.05	1/2	4,123.23	1/2	4,304.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,742.59	3/4	3,936.08	3/4	4,127.13	3/4	4,308.62	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2013

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



BARGE "HBC 310"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,528.85	0	3,721.68	0	3,914.52	0	4,104.78	0	4,285.38	0		0		0		0		0	
1/4	3,532.86	1/4	3,725.70	1/4	3,918.53	1/4	4,108.65	1/4	4,289.01	1/4		1/4		1/4		1/4		1/4	
1/2	3,536.88	1/2	3,729.72	1/2	3,922.55	1/2	4,112.51	1/2	4,292.63	1/2		1/2		1/2		1/2		1/2	
3/4	3,540.90	3/4	3,733.73	3/4	3,926.57	3/4	4,116.38	3/4	4,296.25	3/4		3/4		3/4		3/4		3/4	
1	3,544.92	1	3,737.75	1	3,930.59	1	4,120.25	1	4,299.88	1		1		1		1		1	
1/4	3,548.93	1/4	3,741.77	1/4	3,934.60	1/4	4,124.08	1/4	4,303.48	1/4		1/4		1/4		1/4		1/4	
1/2	3,552.95	1/2	3,745.79	1/2	3,938.62	1/2	4,127.92	1/2	4,307.09	1/2		1/2		1/2		1/2		1/2	
3/4	3,556.97	3/4	3,749.80	3/4	3,942.64	3/4	4,131.76	3/4	4,310.70	3/4		3/4		3/4		3/4		3/4	
2	3,560.99	2	3,753.82	2	3,946.66	2	4,135.59	2	4,314.30	2		2		2		2		2	
1/4	3,565.00	1/4	3,757.84	1/4	3,950.67	1/4	4,139.41	1/4	4,317.89	1/4		1/4		1/4		1/4		1/4	
1/2	3,569.02	1/2	3,761.86	1/2	3,954.69	1/2	4,143.23	1/2	4,321.48	1/2		1/2		1/2		1/2		1/2	
3/4	3,573.04	3/4	3,765.87	3/4	3,958.71	3/4	4,147.05	3/4	4,325.07	3/4		3/4		3/4		3/4		3/4	
3	3,577.06	3	3,769.89	3	3,962.73	3	4,150.87	3	4,328.66	3		3		3		3		3	
1/4	3,581.07	1/4	3,773.91	1/4	3,966.74	1/4	4,154.68	1/4	4,332.23	1/4		1/4		1/4		1/4		1/4	
1/2	3,585.09	1/2	3,777.93	1/2	3,970.75	1/2	4,158.48	1/2	4,335.79	1/2		1/2		1/2		1/2		1/2	
3/4	3,589.11	3/4	3,781.94	3/4	3,974.76	3/4	4,162.28	3/4	4,339.36	3/4		3/4		3/4		3/4		3/4	
4	3,593.13	4	3,785.96	4	3,978.77	4	4,166.09	4	4,342.92	4		4		4		4		4	
1/4	3,597.14	1/4	3,789.98	1/4	3,982.76	1/4	4,169.88	1/4	4,346.45	1/4		1/4		1/4		1/4		1/4	
1/2	3,601.16	1/2	3,794.00	1/2	3,986.75	1/2	4,173.67	1/2	4,349.97	1/2		1/2		1/2		1/2		1/2	
3/4	3,605.18	3/4	3,798.01	3/4	3,990.75	3/4	4,177.45	3/4	4,353.49	3/4		3/4		3/4		3/4		3/4	
5	3,609.19	5	3,802.03	5	3,994.74	5	4,181.24	5	4,357.02	5		5		5		5		5	
1/4	3,613.21	1/4	3,806.05	1/4	3,998.72	1/4	4,185.02	1/4	4,359.94	1/4		1/4		1/4		1/4		1/4	
1/2	3,617.23	1/2	3,810.06	1/2	4,002.70	1/2	4,188.79	1/2	4,362.85	1/2		1/2		1/2		1/2		1/2	
3/4	3,621.25	3/4	3,814.08	3/4	4,006.67	3/4	4,192.56	3/4	4,365.77	3/4		3/4		3/4		3/4		3/4	
6	3,625.26	6	3,818.10	6	4,010.65	6	4,196.33	6	4,368.69	6		6		6		6		6	
1/4	3,629.28	1/4	3,822.12	1/4	4,014.61	1/4	4,200.09	1/4	4,370.78	1/4		1/4		1/4		1/4		1/4	
1/2	3,633.30	1/2	3,826.13	1/2	4,018.57	1/2	4,203.85	1/2	4,372.87	1/2		1/2		1/2		1/2		1/2	
3/4	3,637.32	3/4	3,830.15	3/4	4,022.54	3/4	4,207.60	3/4	4,374.96	3/4		3/4		3/4		3/4		3/4	
7	3,641.33	7	3,834.17	7	4,026.50	7	4,211.36	7	4,377.05	7		7		7		7		7	
1/4	3,645.35	1/4	3,838.19	1/4	4,030.44	1/4	4,215.10	1/4	4,377.91	1/4		1/4		1/4		1/4		1/4	
1/2	3,649.37	1/2	3,842.20	1/2	4,034.39	1/2	4,218.84	1/2	4,378.76	1/2		1/2		1/2		1/2		1/2	
3/4	3,653.39	3/4	3,846.22	3/4	4,038.34	3/4	4,222.58	3/4	4,379.62	3/4		3/4		3/4		3/4		3/4	
8	3,657.40	8	3,850.24	8	4,042.28	8	4,226.32	8	4,380.47	8		8		8		8		8	
1/4	3,661.42	1/4	3,854.26	1/4	4,046.21	1/4	4,230.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,665.44	1/2	3,858.27	1/2	4,050.14	1/2	4,233.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,669.46	3/4	3,862.29	3/4	4,054.07	3/4	4,237.50	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,673.47	9	3,866.31	9	4,058.00	9	4,241.22	9		9		9		9		9		9	
1/4	3,677.49	1/4	3,870.33	1/4	4,061.92	1/4	4,244.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,681.51	1/2	3,874.34	1/2	4,065.83	1/2	4,248.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,685.53	3/4	3,878.36	3/4	4,069.74	3/4	4,252.35	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,689.54	10	3,882.38	10	4,073.66	10	4,256.06	10		10		10		10		10		10	
1/4	3,693.56	1/4	3,886.40	1/4	4,077.56	1/4	4,259.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,697.58	1/2	3,890.41	1/2	4,081.46	1/2	4,263.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,701.60	3/4	3,894.43	3/4	4,085.35	3/4	4,267.14	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,705.61	11	3,898.45	11	4,089.25	11	4,270.83	11		11		11		11		11		11	
1/4	3,709.63	1/4	3,902.47	1/4	4,093.13	1/4	4,274.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,713.65	1/2	3,906.48	1/2	4,097.02	1/2	4,278.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,717.66	3/4	3,910.50	3/4	4,100.90	3/4	4,281.75	3/4		3/4		3/4		3/4		3/4		3/4	

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