



BARGE "DBL 102"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	- 00-1/4	00-1/4	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-3/8	01-3/8	- 01-3/4	01-3/4
2 CENTER	00-3/8	- 00-3/8	00-7/8	- 00-7/8	01-1/4	- 01-1/4	01-3/4	- 01-3/4	02-1/8	- 02-1/8	02-5/8	- 02-5/8
3 CENTER	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2

(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 2 CENTER IS - 00-7/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 1/8"

LENGTH BETWEEN DRAFT MARKS: 166'-06"

April 5, 2019

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

<http://www.pmacorp.net>



BARGE "DBL 102"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HBC 102"

BERGAN GAUGE

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	3.40	0	242.79	0	498.43	0	751.74	0	1,008.88	0	1,265.73	0	1,522.56	0	1,779.82	0	2,037.08	0	2,294.35
1/4	5.55	1/4	248.15	1/4	503.65	1/4	757.10	1/4	1,014.24	1/4	1,271.07	1/4	1,527.92	1/4	1,785.18	1/4	2,042.44	1/4	2,299.70
1/2	7.69	1/2	253.51	1/2	508.87	1/2	762.45	1/2	1,019.60	1/2	1,276.41	1/2	1,533.28	1/2	1,790.54	1/2	2,047.80	1/2	2,305.06
3/4	9.84	3/4	258.87	3/4	514.09	3/4	767.81	3/4	1,024.96	3/4	1,281.75	3/4	1,538.64	3/4	1,795.90	3/4	2,053.16	3/4	2,310.42
1	11.99	1	264.23	1	519.31	1	773.17	1	1,030.31	1	1,287.09	1	1,544.00	1	1,801.26	1	2,058.52	1	2,315.78
1/4	16.16	1/4	269.59	1/4	524.53	1/4	778.52	1/4	1,035.67	1/4	1,292.43	1/4	1,549.36	1/4	1,806.62	1/4	2,063.88	1/4	2,321.14
1/2	20.32	1/2	274.95	1/2	529.75	1/2	783.88	1/2	1,041.03	1/2	1,297.77	1/2	1,554.72	1/2	1,811.98	1/2	2,069.24	1/2	2,326.50
3/4	24.49	3/4	280.31	3/4	534.97	3/4	789.24	3/4	1,046.38	3/4	1,303.11	3/4	1,560.08	3/4	1,817.34	3/4	2,074.60	3/4	2,331.86
2	28.65	2	285.67	2	540.19	2	794.60	2	1,051.74	2	1,308.45	2	1,565.44	2	1,822.70	2	2,079.96	2	2,337.22
1/4	33.89	1/4	291.03	1/4	545.41	1/4	799.95	1/4	1,057.10	1/4	1,313.79	1/4	1,570.80	1/4	1,828.06	1/4	2,085.32	1/4	2,342.58
1/2	39.13	1/2	296.39	1/2	550.63	1/2	805.31	1/2	1,062.46	1/2	1,319.13	1/2	1,576.16	1/2	1,833.42	1/2	2,090.68	1/2	2,347.94
3/4	44.37	3/4	301.76	3/4	555.85	3/4	810.67	3/4	1,067.81	3/4	1,324.47	3/4	1,581.52	3/4	1,838.78	3/4	2,096.04	3/4	2,353.30
3	49.61	3	307.12	3	561.07	3	816.02	3	1,073.17	3	1,329.81	3	1,586.88	3	1,844.14	3	2,101.40	3	2,358.66
1/4	54.98	1/4	312.48	1/4	566.29	1/4	821.38	1/4	1,078.53	1/4	1,335.15	1/4	1,592.24	1/4	1,849.50	1/4	2,106.76	1/4	2,364.02
1/2	60.35	1/2	317.84	1/2	571.51	1/2	826.74	1/2	1,083.88	1/2	1,340.49	1/2	1,597.60	1/2	1,854.86	1/2	2,112.12	1/2	2,369.38
3/4	65.72	3/4	323.20	3/4	576.72	3/4	832.10	3/4	1,089.24	3/4	1,345.83	3/4	1,602.96	3/4	1,860.22	3/4	2,117.48	3/4	2,374.74
4	71.10	4	328.56	4	581.94	4	837.45	4	1,094.60	4	1,351.17	4	1,608.32	4	1,865.58	4	2,122.84	4	2,380.10
1/4	76.47	1/4	333.92	1/4	587.16	1/4	842.81	1/4	1,099.96	1/4	1,356.51	1/4	1,613.68	1/4	1,870.94	1/4	2,128.20	1/4	2,385.46
1/2	81.84	1/2	339.28	1/2	592.38	1/2	848.17	1/2	1,105.31	1/2	1,361.85	1/2	1,619.04	1/2	1,876.30	1/2	2,133.56	1/2	2,390.82
3/4	87.22	3/4	344.64	3/4	597.60	3/4	853.52	3/4	1,110.67	3/4	1,367.19	3/4	1,624.40	3/4	1,881.66	3/4	2,138.92	3/4	2,396.18
5	92.59	5	350.00	5	602.82	5	858.88	5	1,116.03	5	1,372.53	5	1,629.75	5	1,887.02	5	2,144.28	5	2,401.54
1/4	97.96	1/4	355.36	1/4	608.04	1/4	864.24	1/4	1,121.38	1/4	1,377.88	1/4	1,635.11	1/4	1,892.38	1/4	2,149.64	1/4	2,406.90
1/2	103.33	1/2	360.73	1/2	613.26	1/2	869.60	1/2	1,126.74	1/2	1,383.23	1/2	1,640.47	1/2	1,897.73	1/2	2,155.00	1/2	2,412.26
3/4	108.71	3/4	366.09	3/4	618.49	3/4	874.95	3/4	1,132.10	3/4	1,388.58	3/4	1,645.83	3/4	1,903.09	3/4	2,160.36	3/4	2,417.62
6	114.08	6	371.45	6	623.71	6	880.31	6	1,137.46	6	1,393.93	6	1,651.19	6	1,908.45	6	2,165.71	6	2,422.98
1/4	119.45	1/4	376.81	1/4	628.96	1/4	885.67	1/4	1,142.81	1/4	1,399.29	1/4	1,656.55	1/4	1,913.81	1/4	2,171.07	1/4	2,428.34
1/2	124.82	1/2	382.17	1/2	634.22	1/2	891.03	1/2	1,148.17	1/2	1,404.65	1/2	1,661.91	1/2	1,919.17	1/2	2,176.43	1/2	2,433.69
3/4	130.19	3/4	387.53	3/4	639.47	3/4	896.38	3/4	1,153.53	3/4	1,410.01	3/4	1,667.27	3/4	1,924.53	3/4	2,181.79	3/4	2,439.05
7	135.56	7	392.89	7	644.73	7	901.74	7	1,158.89	7	1,415.37	7	1,672.63	7	1,929.89	7	2,187.15	7	2,444.41
1/4	140.92	1/4	398.25	1/4	650.05	1/4	907.10	1/4	1,164.23	1/4	1,420.73	1/4	1,677.99	1/4	1,935.25	1/4	2,192.51	1/4	2,449.77
1/2	146.28	1/2	403.61	1/2	655.38	1/2	912.45	1/2	1,169.58	1/2	1,426.09	1/2	1,683.35	1/2	1,940.61	1/2	2,197.87	1/2	2,455.13
3/4	151.65	3/4	408.97	3/4	660.70	3/4	917.81	3/4	1,174.93	3/4	1,431.45	3/4	1,688.71	3/4	1,945.97	3/4	2,203.23	3/4	2,460.49
8	157.01	8	414.33	8	666.02	8	923.17	8	1,180.28	8	1,436.81	8	1,694.07	8	1,951.33	8	2,208.59	8	2,465.85
1/4	162.37	1/4	419.66	1/4	671.38	1/4	928.53	1/4	1,185.62	1/4	1,442.17	1/4	1,699.43	1/4	1,956.69	1/4	2,213.95	1/4	2,471.21
1/2	167.73	1/2	424.99	1/2	676.74	1/2	933.88	1/2	1,190.96	1/2	1,447.53	1/2	1,704.79	1/2	1,962.05	1/2	2,219.31	1/2	2,476.57
3/4	173.09	3/4	430.31	3/4	682.09	3/4	939.24	3/4	1,196.30	3/4	1,452.89	3/4	1,710.15	3/4	1,967.41	3/4	2,224.67	3/4	2,481.93
9	178.45	9	435.64	9	687.45	9	944.60	9	1,201.64	9	1,458.25	9	1,715.51	9	1,972.77	9	2,230.03	9	2,487.29
1/4	183.82	1/4	440.90	1/4	692.81	1/4	949.95	1/4	1,206.98	1/4	1,463.61	1/4	1,720.87	1/4	1,978.13	1/4	2,235.39	1/4	2,492.65
1/2	189.18	1/2	446.15	1/2	698.17	1/2	955.31	1/2	1,212.32	1/2	1,468.97	1/2	1,726.23	1/2	1,983.49	1/2	2,240.75	1/2	2,498.00
3/4	194.54	3/4	451.41	3/4	703.52	3/4	960.67	3/4	1,217.66	3/4	1,474.33	3/4	1,731.59	3/4	1,988.85	3/4	2,246.11	3/4	2,503.36
10	199.90	10	456.67	10	708.88	10	966.03	10	1,223.00	10	1,479.69	10	1,736.95	10	1,994.21	10	2,251.47	10	2,508.72
1/4	205.26	1/4	461.89	1/4	714.24	1/4	971.38	1/4	1,228.34	1/4	1,485.05	1/4	1,742.31	1/4	1,999.57	1/4	2,256.83	1/4	2,514.07
1/2	210.62	1/2	467.11	1/2	719.59	1/2	976.74	1/2	1,233.68	1/2	1,490.41	1/2	1,747.67	1/2	2,004.93	1/2	2,262.19	1/2	2,519.43
3/4	215.98	3/4	472.33	3/4	724.95	3/4	982.10	3/4	1,239.02	3/4	1,495.76	3/4	1,753.03	3/4	2,010.29	3/4	2,267.55	3/4	2,524.79
11	221.34	11	477.55	11	730.31	11	987.45	11	1,244.36	11	1,501.12	11	1,758.39	11	2,015.65	11	2,272.91	11	2,530.15
1/4	226.70	1/4	482.77	1/4	735.67	1/4	992.81	1/4	1,249.71	1/4	1,506.48	1/4	1,763.74	1/4	2,021.01	1/4	2,278.27	1/4	2,535.50
1/2	232.06	1/2	487.99	1/2	741.02	1/2	998.17	1/2	1,255.05	1/2	1,511.84	1/2	1,769.10	1/2	2,026.37	1/2	2,283.63	1/2	2,540.86
3/4	237.42	3/4	493.21	3/4	746.38	3/4	1,003.53	3/4	1,260.39	3/4	1,517.20	3/4	1,774.46	3/4	2,031.72	3/4	2,288.99	3/4	2,546.22

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT BERGAN GAUGE.
 GAUGE POINT: (BERGAN GAUGE) LOCATED ON CENTERLINE AND 30'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "DBL 102"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HBC 102"

BERGAN GAUGE

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,551.58	0	2,779.89	0	3,004.07	0	3,228.09	0	3,434.92	0		0		0		0		0	
1/4	2,556.93	1/4	2,784.56	1/4	3,008.74	1/4	3,232.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,562.29	1/2	2,789.23	1/2	3,013.41	1/2	3,237.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,567.65	3/4	2,793.90	3/4	3,018.08	3/4	3,242.07	3/4		3/4		3/4		3/4		3/4		3/4	
1	2,573.01	1	2,798.57	1	3,022.75	1	3,246.73	1		1		1		1		1		1	
1/4	2,578.02	1/4	2,803.24	1/4	3,027.42	1/4	3,251.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,583.04	1/2	2,807.91	1/2	3,032.09	1/2	3,256.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,588.05	3/4	2,812.58	3/4	3,036.76	3/4	3,260.71	3/4		3/4		3/4		3/4		3/4		3/4	
2	2,593.07	2	2,817.25	2	3,041.43	2	3,265.37	2		2		2		2		2		2	
1/4	2,597.74	1/4	2,821.92	1/4	3,046.10	1/4	3,270.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,602.41	1/2	2,826.59	1/2	3,050.77	1/2	3,274.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,607.08	3/4	2,831.26	3/4	3,055.44	3/4	3,279.34	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,611.75	3	2,835.93	3	3,060.11	3	3,284.00	3		3		3		3		3		3	
1/4	2,616.42	1/4	2,840.60	1/4	3,064.78	1/4	3,288.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,621.09	1/2	2,845.27	1/2	3,069.45	1/2	3,293.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,625.76	3/4	2,849.94	3/4	3,074.12	3/4	3,297.98	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,630.43	4	2,854.61	4	3,078.79	4	3,302.64	4		4		4		4		4		4	
1/4	2,635.10	1/4	2,859.28	1/4	3,083.46	1/4	3,307.30	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,639.77	1/2	2,863.95	1/2	3,088.13	1/2	3,311.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,644.44	3/4	2,868.62	3/4	3,092.80	3/4	3,316.64	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,649.11	5	2,873.29	5	3,097.47	5	3,321.30	5		5		5		5		5		5	
1/4	2,653.79	1/4	2,877.96	1/4	3,102.14	1/4	3,325.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,658.46	1/2	2,882.63	1/2	3,106.81	1/2	3,330.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,663.13	3/4	2,887.31	3/4	3,111.48	3/4	3,335.32	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,667.80	6	2,891.98	6	3,116.15	6	3,339.99	6		6		6		6		6		6	
1/4	2,672.47	1/4	2,896.65	1/4	3,120.83	1/4	3,344.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,677.14	1/2	2,901.32	1/2	3,125.50	1/2	3,349.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,681.81	3/4	2,905.99	3/4	3,130.17	3/4	3,354.01	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,686.48	7	2,910.66	7	3,134.84	7	3,358.68	7		7		7		7		7		7	
1/4	2,691.15	1/4	2,915.33	1/4	3,139.51	1/4	3,363.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,695.82	1/2	2,920.00	1/2	3,144.18	1/2	3,368.02	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,700.49	3/4	2,924.67	3/4	3,148.85	3/4	3,372.69	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,705.16	8	2,929.34	8	3,153.52	8	3,377.37	8		8		8		8		8		8	
1/4	2,709.83	1/4	2,934.01	1/4	3,158.18	1/4	3,382.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,714.50	1/2	2,938.68	1/2	3,162.85	1/2	3,386.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,719.17	3/4	2,943.35	3/4	3,167.52	3/4	3,391.38	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,723.84	9	2,948.02	9	3,172.18	9	3,396.05	9		9		9		9		9		9	
1/4	2,728.51	1/4	2,952.69	1/4	3,176.84	1/4	3,400.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,733.18	1/2	2,957.36	1/2	3,181.50	1/2	3,405.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,737.85	3/4	2,962.03	3/4	3,186.16	3/4	3,410.07	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,742.52	10	2,966.70	10	3,190.82	10	3,414.74	10		10		10		10		10		10	
1/4	2,747.19	1/4	2,971.37	1/4	3,195.48	1/4	3,418.34	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,751.86	1/2	2,976.04	1/2	3,200.14	1/2	3,421.94	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,756.53	3/4	2,980.71	3/4	3,204.80	3/4	3,425.53	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,761.20	11	2,985.38	11	3,209.46	11	3,429.13	11		11		11		11		11		11	
1/4	2,765.87	1/4	2,990.05	1/4	3,214.12	1/4	3,430.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,770.55	1/2	2,994.72	1/2	3,218.77	1/2	3,432.03	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,775.22	3/4	2,999.39	3/4	3,223.43	3/4	3,433.47	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/10/2011 CL - SW
 RECALCULATED: 04/05/2019
 REPRINTED: 04/05/2019

CANCELS AND SUPERCEDES
 ALL PRIOR TO 04/2019

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





BARGE "DBL 102"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HBC 102"

BERGAN GAUGE

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	3.65	0	271.22	0	557.08	0	840.11	0	1,128.08	0	1,416.05	0	1,704.02	0	1,991.99	0	2,279.96	0	2,567.93
1/4	6.05	1/4	277.22	1/4	562.90	1/4	846.11	1/4	1,134.08	1/4	1,422.05	1/4	1,710.02	1/4	1,997.99	1/4	2,285.96	1/4	2,573.93
1/2	8.45	1/2	283.22	1/2	568.72	1/2	852.11	1/2	1,140.08	1/2	1,428.05	1/2	1,716.02	1/2	2,003.99	1/2	2,291.96	1/2	2,579.93
3/4	10.85	3/4	289.21	3/4	574.55	3/4	858.10	3/4	1,146.08	3/4	1,434.05	3/4	1,722.02	3/4	2,009.99	3/4	2,297.96	3/4	2,585.93
1	13.24	1	295.21	1	580.37	1	864.10	1	1,152.08	1	1,440.05	1	1,728.02	1	2,015.99	1	2,303.96	1	2,591.93
1/4	17.89	1/4	301.21	1/4	586.19	1/4	870.10	1/4	1,158.07	1/4	1,446.05	1/4	1,734.02	1/4	2,021.99	1/4	2,309.96	1/4	2,597.93
1/2	22.55	1/2	307.21	1/2	592.01	1/2	876.10	1/2	1,164.07	1/2	1,452.05	1/2	1,740.02	1/2	2,027.99	1/2	2,315.96	1/2	2,603.93
3/4	27.20	3/4	313.21	3/4	597.83	3/4	882.10	3/4	1,170.07	3/4	1,458.04	3/4	1,746.02	3/4	2,033.99	3/4	2,321.96	3/4	2,609.93
2	31.85	2	319.21	2	603.65	2	888.10	2	1,176.07	2	1,464.04	2	1,752.02	2	2,039.99	2	2,327.96	2	2,615.93
1/4	37.70	1/4	325.21	1/4	609.47	1/4	894.10	1/4	1,182.07	1/4	1,470.04	1/4	1,758.01	1/4	2,045.99	1/4	2,333.96	1/4	2,621.93
1/2	43.55	1/2	331.21	1/2	615.30	1/2	900.10	1/2	1,188.07	1/2	1,476.04	1/2	1,764.01	1/2	2,051.99	1/2	2,339.96	1/2	2,627.93
3/4	49.40	3/4	337.21	3/4	621.12	3/4	906.10	3/4	1,194.07	3/4	1,482.04	3/4	1,770.01	3/4	2,057.98	3/4	2,345.96	3/4	2,633.93
3	55.25	3	343.21	3	626.94	3	912.10	3	1,200.07	3	1,488.04	3	1,776.01	3	2,063.98	3	2,351.96	3	2,639.93
1/4	61.25	1/4	349.21	1/4	632.76	1/4	918.10	1/4	1,206.07	1/4	1,494.04	1/4	1,782.01	1/4	2,069.98	1/4	2,357.95	1/4	2,645.93
1/2	67.24	1/2	355.21	1/2	638.58	1/2	924.10	1/2	1,212.07	1/2	1,500.04	1/2	1,788.01	1/2	2,075.98	1/2	2,363.95	1/2	2,651.93
3/4	73.24	3/4	361.21	3/4	644.40	3/4	930.10	3/4	1,218.07	3/4	1,506.04	3/4	1,794.01	3/4	2,081.98	3/4	2,369.95	3/4	2,657.92
4	79.24	4	367.20	4	650.22	4	936.10	4	1,224.07	4	1,512.04	4	1,800.01	4	2,087.98	4	2,375.95	4	2,663.92
1/4	85.24	1/4	373.20	1/4	656.05	1/4	942.10	1/4	1,230.07	1/4	1,518.04	1/4	1,806.01	1/4	2,093.98	1/4	2,381.95	1/4	2,669.92
1/2	91.24	1/2	379.20	1/2	661.87	1/2	948.10	1/2	1,236.07	1/2	1,524.04	1/2	1,812.01	1/2	2,099.98	1/2	2,387.95	1/2	2,675.92
3/4	97.24	3/4	385.20	3/4	667.69	3/4	954.10	3/4	1,242.07	3/4	1,530.04	3/4	1,818.01	3/4	2,105.98	3/4	2,393.95	3/4	2,681.92
5	103.24	5	391.20	5	673.51	5	960.09	5	1,248.07	5	1,536.04	5	1,824.01	5	2,111.98	5	2,399.95	5	2,687.92
1/4	109.24	1/4	397.20	1/4	679.33	1/4	966.09	1/4	1,254.07	1/4	1,542.04	1/4	1,830.01	1/4	2,117.98	1/4	2,405.95	1/4	2,693.92
1/2	115.24	1/2	403.20	1/2	685.16	1/2	972.09	1/2	1,260.06	1/2	1,548.04	1/2	1,836.01	1/2	2,123.98	1/2	2,411.95	1/2	2,699.92
3/4	121.24	3/4	409.20	3/4	690.98	3/4	978.09	3/4	1,266.06	3/4	1,554.04	3/4	1,842.01	3/4	2,129.98	3/4	2,417.95	3/4	2,705.92
6	127.24	6	415.20	6	696.80	6	984.09	6	1,272.06	6	1,560.03	6	1,848.01	6	2,135.98	6	2,423.95	6	2,711.92
1/4	133.24	1/4	421.20	1/4	702.67	1/4	990.09	1/4	1,278.06	1/4	1,566.03	1/4	1,854.01	1/4	2,141.98	1/4	2,429.95	1/4	2,717.92
1/2	139.23	1/2	427.20	1/2	708.55	1/2	996.09	1/2	1,284.06	1/2	1,572.03	1/2	1,860.00	1/2	2,147.98	1/2	2,435.95	1/2	2,723.92
3/4	145.23	3/4	433.20	3/4	714.42	3/4	1,002.09	3/4	1,290.06	3/4	1,578.03	3/4	1,866.00	3/4	2,153.98	3/4	2,441.95	3/4	2,729.92
7	151.23	7	439.19	7	720.29	7	1,008.09	7	1,296.06	7	1,584.03	7	1,872.00	7	2,159.97	7	2,447.95	7	2,735.92
1/4	157.23	1/4	445.19	1/4	726.24	1/4	1,014.09	1/4	1,302.06	1/4	1,590.03	1/4	1,878.00	1/4	2,165.97	1/4	2,453.95	1/4	2,741.92
1/2	163.23	1/2	451.19	1/2	732.20	1/2	1,020.09	1/2	1,308.06	1/2	1,596.03	1/2	1,884.00	1/2	2,171.97	1/2	2,459.94	1/2	2,747.92
3/4	169.23	3/4	457.19	3/4	738.16	3/4	1,026.09	3/4	1,314.06	3/4	1,602.03	3/4	1,890.00	3/4	2,177.97	3/4	2,465.94	3/4	2,753.92
8	175.23	8	463.19	8	744.12	8	1,032.09	8	1,320.06	8	1,608.03	8	1,896.00	8	2,183.97	8	2,471.94	8	2,759.91
1/4	181.23	1/4	469.15	1/4	750.12	1/4	1,038.09	1/4	1,326.06	1/4	1,614.03	1/4	1,902.00	1/4	2,189.97	1/4	2,477.94	1/4	2,765.91
1/2	187.23	1/2	475.10	1/2	756.12	1/2	1,044.09	1/2	1,332.06	1/2	1,620.03	1/2	1,908.00	1/2	2,195.97	1/2	2,483.94	1/2	2,771.91
3/4	193.23	3/4	481.06	3/4	762.11	3/4	1,050.09	3/4	1,338.06	3/4	1,626.03	3/4	1,914.00	3/4	2,201.97	3/4	2,489.94	3/4	2,777.91
9	199.23	9	487.02	9	768.11	9	1,056.09	9	1,344.06	9	1,632.03	9	1,920.00	9	2,207.97	9	2,495.94	9	2,783.91
1/4	205.23	1/4	492.89	1/4	774.11	1/4	1,062.08	1/4	1,350.06	1/4	1,638.03	1/4	1,926.00	1/4	2,213.97	1/4	2,501.94	1/4	2,789.91
1/2	211.23	1/2	498.76	1/2	780.11	1/2	1,068.08	1/2	1,356.06	1/2	1,644.03	1/2	1,932.00	1/2	2,219.97	1/2	2,507.94	1/2	2,795.91
3/4	217.22	3/4	504.63	3/4	786.11	3/4	1,074.08	3/4	1,362.05	3/4	1,650.03	3/4	1,938.00	3/4	2,225.97	3/4	2,513.94	3/4	2,801.91
10	223.22	10	510.50	10	792.11	10	1,080.08	10	1,368.05	10	1,656.02	10	1,944.00	10	2,231.97	10	2,519.94	10	2,807.91
1/4	229.22	1/4	516.32	1/4	798.11	1/4	1,086.08	1/4	1,374.05	1/4	1,662.02	1/4	1,950.00	1/4	2,237.97	1/4	2,525.94	1/4	2,813.91
1/2	235.22	1/2	522.15	1/2	804.11	1/2	1,092.08	1/2	1,380.05	1/2	1,668.02	1/2	1,955.99	1/2	2,243.97	1/2	2,531.94	1/2	2,819.91
3/4	241.22	3/4	527.97	3/4	810.11	3/4	1,098.08	3/4	1,386.05	3/4	1,674.02	3/4	1,961.99	3/4	2,249.97	3/4	2,537.94	3/4	2,825.91
11	247.22	11	533.80	11	816.11	11	1,104.08	11	1,392.05	11	1,680.02	11	1,967.99	11	2,255.96	11	2,543.94	11	2,831.91
1/4	253.22	1/4	539.62	1/4	822.11	1/4	1,110.08	1/4	1,398.05	1/4	1,686.02	1/4	1,973.99	1/4	2,261.96	1/4	2,549.94	1/4	2,837.91
1/2	259.22	1/2	545.44	1/2	828.11	1/2	1,116.08	1/2	1,404.05	1/2	1,692.02	1/2	1,979.99	1/2	2,267.96	1/2	2,555.94	1/2	2,843.91
3/4	265.22	3/4	551.26	3/4	834.11	3/4	1,122.08	3/4	1,410.05	3/4	1,698.02	3/4	1,985.99	3/4	2,273.96	3/4	2,561.93	3/4	2,849.91

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT BERGAN GAUGE
GAUGE POINT: (BERGAN GAUGE) LOCATED ON CENTERLINE AND 24'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "DBL 102"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HBC 102"

BERGAN GAUGE

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,855.91	0	3,143.88	0	3,431.85	0	3,719.82	0	3,988.59	0		0		0		0		0	
1/4	2,861.90	1/4	3,149.88	1/4	3,437.85	1/4	3,725.82	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,867.90	1/2	3,155.88	1/2	3,443.85	1/2	3,731.82	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,873.90	3/4	3,161.87	3/4	3,449.85	3/4	3,737.82	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,879.90	1	3,167.87	1	3,455.85	1	3,743.82	1		1		1		1		1		1	
1/4	2,885.90	1/4	3,173.87	1/4	3,461.84	1/4	3,749.82	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,891.90	1/2	3,179.87	1/2	3,467.84	1/2	3,755.82	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,897.90	3/4	3,185.87	3/4	3,473.84	3/4	3,761.81	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,903.90	2	3,191.87	2	3,479.84	2	3,767.81	2		2		2		2		2		2	
1/4	2,909.90	1/4	3,197.87	1/4	3,485.84	1/4	3,773.81	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,915.90	1/2	3,203.87	1/2	3,491.84	1/2	3,779.81	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,921.90	3/4	3,209.87	3/4	3,497.84	3/4	3,785.81	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	2,927.90	3	3,215.87	3	3,503.84	3	3,791.81	3		3		3		3		3		3	
1/4	2,933.90	1/4	3,221.87	1/4	3,509.84	1/4	3,797.81	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,939.90	1/2	3,227.87	1/2	3,515.84	1/2	3,803.81	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,945.90	3/4	3,233.87	3/4	3,521.84	3/4	3,809.81	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	2,951.90	4	3,239.87	4	3,527.84	4	3,815.81	4		4		4		4		4		4	
1/4	2,957.89	1/4	3,245.87	1/4	3,533.84	1/4	3,821.81	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,963.89	1/2	3,251.87	1/2	3,539.84	1/2	3,827.81	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,969.89	3/4	3,257.86	3/4	3,545.84	3/4	3,833.81	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	2,975.89	5	3,263.86	5	3,551.84	5	3,839.81	5		5		5		5		5		5	
1/4	2,981.89	1/4	3,269.86	1/4	3,557.83	1/4	3,845.81	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,987.89	1/2	3,275.86	1/2	3,563.83	1/2	3,851.81	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,993.89	3/4	3,281.86	3/4	3,569.83	3/4	3,857.80	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	2,999.89	6	3,287.86	6	3,575.83	6	3,863.80	6		6		6		6		6		6	
1/4	3,005.89	1/4	3,293.86	1/4	3,581.83	1/4	3,869.80	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,011.89	1/2	3,299.86	1/2	3,587.83	1/2	3,875.80	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,017.89	3/4	3,305.86	3/4	3,593.83	3/4	3,881.80	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,023.89	7	3,311.86	7	3,599.83	7	3,887.80	7		7		7		7		7		7	
1/4	3,029.89	1/4	3,317.86	1/4	3,605.83	1/4	3,893.80	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,035.89	1/2	3,323.86	1/2	3,611.83	1/2	3,899.80	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,041.89	3/4	3,329.86	3/4	3,617.83	3/4	3,905.80	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,047.89	8	3,335.86	8	3,623.83	8	3,911.80	8		8		8		8		8		8	
1/4	3,053.89	1/4	3,341.86	1/4	3,629.83	1/4	3,917.80	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,059.88	1/2	3,347.86	1/2	3,635.83	1/2	3,923.80	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,065.88	3/4	3,353.86	3/4	3,641.83	3/4	3,929.80	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,071.88	9	3,359.85	9	3,647.83	9	3,935.80	9		9		9		9		9		9	
1/4	3,077.88	1/4	3,365.85	1/4	3,653.83	1/4	3,941.80	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,083.88	1/2	3,371.85	1/2	3,659.82	1/2	3,947.80	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,089.88	3/4	3,377.85	3/4	3,665.82	3/4	3,953.80	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,095.88	10	3,383.85	10	3,671.82	10	3,959.79	10		10		10		10		10		10	
1/4	3,101.88	1/4	3,389.85	1/4	3,677.82	1/4	3,964.59	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,107.88	1/2	3,395.85	1/2	3,683.82	1/2	3,969.39	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,113.88	3/4	3,401.85	3/4	3,689.82	3/4	3,974.19	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,119.88	11	3,407.85	11	3,695.82	11	3,978.99	11		11		11		11		11		11	
1/4	3,125.88	1/4	3,413.85	1/4	3,701.82	1/4	3,981.39	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,131.88	1/2	3,419.85	1/2	3,707.82	1/2	3,983.79	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,137.88	3/4	3,425.85	3/4	3,713.82	3/4	3,986.19	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.

STRAPPED: 05/10/2011 CL - SW
RECALCULATED: 04/05/2019
REPRINTED: 04/05/2019

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2019

PRECISION MEASUREMENT
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P.O. Box 2092
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BARGE "DBL 102"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HBC 102

BERGAN GAUGE

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	3.36	0	239.34	0	493.19	0	746.87	0	1,000.84	0	1,254.82	0	1,508.80	0	1,762.78	0	2,016.75	0	2,270.73
1/4	5.48	1/4	244.63	1/4	498.47	1/4	752.16	1/4	1,006.14	1/4	1,260.11	1/4	1,514.09	1/4	1,768.07	1/4	2,022.05	1/4	2,276.02
1/2	7.60	1/2	249.93	1/2	503.75	1/2	757.45	1/2	1,011.43	1/2	1,265.40	1/2	1,519.38	1/2	1,773.36	1/2	2,027.34	1/2	2,281.31
3/4	9.71	3/4	255.22	3/4	509.03	3/4	762.74	3/4	1,016.72	3/4	1,270.70	3/4	1,524.67	3/4	1,778.65	3/4	2,032.63	3/4	2,286.61
1	11.83	1	260.51	1	514.31	1	768.03	1	1,022.01	1	1,275.99	1	1,529.96	1	1,783.94	1	2,037.92	1	2,291.90
1/4	15.93	1/4	265.80	1/4	519.59	1/4	773.32	1/4	1,027.30	1/4	1,281.28	1/4	1,535.26	1/4	1,789.23	1/4	2,043.21	1/4	2,297.19
1/2	20.03	1/2	271.09	1/2	524.87	1/2	778.61	1/2	1,032.59	1/2	1,286.57	1/2	1,540.55	1/2	1,794.52	1/2	2,048.50	1/2	2,302.48
3/4	24.13	3/4	276.38	3/4	530.15	3/4	783.91	3/4	1,037.88	3/4	1,291.86	3/4	1,545.84	3/4	1,799.82	3/4	2,053.79	3/4	2,307.77
2	28.23	2	281.67	2	535.43	2	789.20	2	1,043.17	2	1,297.15	2	1,551.13	2	1,805.11	2	2,059.08	2	2,313.06
1/4	33.39	1/4	286.96	1/4	540.71	1/4	794.49	1/4	1,048.47	1/4	1,302.44	1/4	1,556.42	1/4	1,810.40	1/4	2,064.38	1/4	2,318.35
1/2	38.55	1/2	292.25	1/2	545.99	1/2	799.78	1/2	1,053.76	1/2	1,307.73	1/2	1,561.71	1/2	1,815.69	1/2	2,069.67	1/2	2,323.64
3/4	43.71	3/4	297.54	3/4	551.27	3/4	805.07	3/4	1,059.05	3/4	1,313.03	3/4	1,567.00	3/4	1,820.98	3/4	2,074.96	3/4	2,328.94
3	48.87	3	302.83	3	556.55	3	810.36	3	1,064.34	3	1,318.32	3	1,572.29	3	1,826.27	3	2,080.25	3	2,334.23
1/4	54.16	1/4	308.13	1/4	561.83	1/4	815.65	1/4	1,069.63	1/4	1,323.61	1/4	1,577.59	1/4	1,831.56	1/4	2,085.54	1/4	2,339.52
1/2	59.45	1/2	313.42	1/2	567.11	1/2	820.94	1/2	1,074.92	1/2	1,328.90	1/2	1,582.88	1/2	1,836.85	1/2	2,090.83	1/2	2,344.81
3/4	64.74	3/4	318.71	3/4	572.39	3/4	826.23	3/4	1,080.21	3/4	1,334.19	3/4	1,588.17	3/4	1,842.15	3/4	2,096.12	3/4	2,350.10
4	70.04	4	324.00	4	577.67	4	831.53	4	1,085.50	4	1,339.48	4	1,593.46	4	1,847.44	4	2,101.41	4	2,355.39
1/4	75.33	1/4	329.29	1/4	582.95	1/4	836.82	1/4	1,090.79	1/4	1,344.77	1/4	1,598.75	1/4	1,852.73	1/4	2,106.71	1/4	2,360.68
1/2	80.62	1/2	334.58	1/2	588.23	1/2	842.11	1/2	1,096.09	1/2	1,350.06	1/2	1,604.04	1/2	1,858.02	1/2	2,112.00	1/2	2,365.97
3/4	85.91	3/4	339.87	3/4	593.51	3/4	847.40	3/4	1,101.38	3/4	1,355.35	3/4	1,609.33	3/4	1,863.31	3/4	2,117.29	3/4	2,371.27
5	91.20	5	345.16	5	598.79	5	852.69	5	1,106.67	5	1,360.65	5	1,614.62	5	1,868.60	5	2,122.58	5	2,376.56
1/4	96.49	1/4	350.45	1/4	604.07	1/4	857.98	1/4	1,111.96	1/4	1,365.94	1/4	1,619.91	1/4	1,873.89	1/4	2,127.87	1/4	2,381.85
1/2	101.78	1/2	355.74	1/2	609.35	1/2	863.27	1/2	1,117.25	1/2	1,371.23	1/2	1,625.21	1/2	1,879.18	1/2	2,133.16	1/2	2,387.14
3/4	107.07	3/4	361.03	3/4	614.63	3/4	868.56	3/4	1,122.54	3/4	1,376.52	3/4	1,630.50	3/4	1,884.47	3/4	2,138.45	3/4	2,392.43
6	112.36	6	366.33	6	619.91	6	873.86	6	1,127.83	6	1,381.81	6	1,635.79	6	1,889.77	6	2,143.74	6	2,397.72
1/4	117.65	1/4	371.62	1/4	625.20	1/4	879.15	1/4	1,133.12	1/4	1,387.10	1/4	1,641.08	1/4	1,895.06	1/4	2,149.03	1/4	2,403.01
1/2	122.94	1/2	376.91	1/2	630.48	1/2	884.44	1/2	1,138.42	1/2	1,392.39	1/2	1,646.37	1/2	1,900.35	1/2	2,154.33	1/2	2,408.30
3/4	128.24	3/4	382.20	3/4	635.77	3/4	889.73	3/4	1,143.71	3/4	1,397.68	3/4	1,651.66	3/4	1,905.64	3/4	2,159.62	3/4	2,413.59
7	133.53	7	387.49	7	641.05	7	895.02	7	1,149.00	7	1,402.98	7	1,656.95	7	1,910.93	7	2,164.91	7	2,418.89
1/4	138.82	1/4	392.78	1/4	646.34	1/4	900.31	1/4	1,154.29	1/4	1,408.27	1/4	1,662.24	1/4	1,916.22	1/4	2,170.20	1/4	2,424.18
1/2	144.11	1/2	398.07	1/2	651.63	1/2	905.60	1/2	1,159.58	1/2	1,413.56	1/2	1,667.54	1/2	1,921.51	1/2	2,175.49	1/2	2,429.47
3/4	149.40	3/4	403.36	3/4	656.92	3/4	910.89	3/4	1,164.87	3/4	1,418.85	3/4	1,672.83	3/4	1,926.80	3/4	2,180.78	3/4	2,434.76
8	154.69	8	408.65	8	662.21	8	916.19	8	1,170.16	8	1,424.14	8	1,678.12	8	1,932.10	8	2,186.07	8	2,440.05
1/4	159.98	1/4	413.94	1/4	667.50	1/4	921.48	1/4	1,175.45	1/4	1,429.43	1/4	1,683.41	1/4	1,937.39	1/4	2,191.36	1/4	2,445.34
1/2	165.27	1/2	419.23	1/2	672.79	1/2	926.77	1/2	1,180.75	1/2	1,434.72	1/2	1,688.70	1/2	1,942.68	1/2	2,196.66	1/2	2,450.63
3/4	170.56	3/4	424.52	3/4	678.08	3/4	932.06	3/4	1,186.04	3/4	1,440.01	3/4	1,693.99	3/4	1,947.97	3/4	2,201.95	3/4	2,455.92
9	175.85	9	429.81	9	683.37	9	937.35	9	1,191.33	9	1,445.31	9	1,699.28	9	1,953.26	9	2,207.24	9	2,461.22
1/4	181.14	1/4	435.10	1/4	688.66	1/4	942.64	1/4	1,196.62	1/4	1,450.60	1/4	1,704.57	1/4	1,958.55	1/4	2,212.53	1/4	2,466.51
1/2	186.43	1/2	440.38	1/2	693.95	1/2	947.93	1/2	1,201.91	1/2	1,455.89	1/2	1,709.87	1/2	1,963.84	1/2	2,217.82	1/2	2,471.80
3/4	191.73	3/4	445.67	3/4	699.25	3/4	953.22	3/4	1,207.20	3/4	1,461.18	3/4	1,715.16	3/4	1,969.13	3/4	2,223.11	3/4	2,477.09
10	197.02	10	450.95	10	704.54	10	958.51	10	1,212.49	10	1,466.47	10	1,720.45	10	1,974.43	10	2,228.40	10	2,482.38
1/4	202.31	1/4	456.23	1/4	709.83	1/4	963.81	1/4	1,217.78	1/4	1,471.76	1/4	1,725.74	1/4	1,979.72	1/4	2,233.69	1/4	2,487.67
1/2	207.60	1/2	461.51	1/2	715.12	1/2	969.10	1/2	1,223.07	1/2	1,477.05	1/2	1,731.03	1/2	1,985.01	1/2	2,238.99	1/2	2,492.96
3/4	212.89	3/4	466.79	3/4	720.41	3/4	974.39	3/4	1,228.37	3/4	1,482.34	3/4	1,736.32	3/4	1,990.30	3/4	2,244.28	3/4	2,498.25
11	218.18	11	472.07	11	725.70	11	979.68	11	1,233.66	11	1,487.63	11	1,741.61	11	1,995.59	11	2,249.57	11	2,503.55
1/4	223.47	1/4	477.35	1/4	730.99	1/4	984.97	1/4	1,238.95	1/4	1,492.93	1/4	1,746.90	1/4	2,000.88	1/4	2,254.86	1/4	2,508.84
1/2	228.76	1/2	482.63	1/2	736.28	1/2	990.26	1/2	1,244.24	1/2	1,498.22	1/2	1,752.19	1/2	2,006.17	1/2	2,260.15	1/2	2,514.13
3/4	234.05	3/4	487.91	3/4	741.58	3/4	995.55	3/4	1,249.53	3/4	1,503.51	3/4	1,757.49	3/4	2,011.46	3/4	2,265.44	3/4	2,519.42

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT BERGAN GAUGE
 GAUGE POINT: (BERGAN GAUGE) LOCATED ON CENTERLINE AND 23'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "DBL 102"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HBC 102"

BERGAN GAUGE

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,524.71	0	2,778.69	0	3,032.67	0	3,286.64	0	3,523.69	0		0		0		0		0	
1/4	2,530.00	1/4	2,783.98	1/4	3,037.96	1/4	3,291.93	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,535.29	1/2	2,789.27	1/2	3,043.25	1/2	3,297.23	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,540.58	3/4	2,794.56	3/4	3,048.54	3/4	3,302.52	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,545.87	1	2,799.85	1	3,053.83	1	3,307.81	1		1		1		1		1		1	
1/4	2,551.17	1/4	2,805.14	1/4	3,059.12	1/4	3,313.10	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,556.46	1/2	2,810.43	1/2	3,064.41	1/2	3,318.39	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,561.75	3/4	2,815.73	3/4	3,069.70	3/4	3,323.68	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,567.04	2	2,821.02	2	3,074.99	2	3,328.97	2		2		2		2		2		2	
1/4	2,572.33	1/4	2,826.31	1/4	3,080.29	1/4	3,334.26	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,577.62	1/2	2,831.60	1/2	3,085.58	1/2	3,339.55	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,582.91	3/4	2,836.89	3/4	3,090.87	3/4	3,344.85	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	2,588.20	3	2,842.18	3	3,096.16	3	3,350.14	3		3		3		3		3		3	
1/4	2,593.50	1/4	2,847.47	1/4	3,101.45	1/4	3,355.43	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,598.79	1/2	2,852.76	1/2	3,106.74	1/2	3,360.72	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,604.08	3/4	2,858.06	3/4	3,112.03	3/4	3,366.01	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	2,609.37	4	2,863.35	4	3,117.32	4	3,371.30	4		4		4		4		4		4	
1/4	2,614.66	1/4	2,868.64	1/4	3,122.62	1/4	3,376.59	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,619.95	1/2	2,873.93	1/2	3,127.91	1/2	3,381.88	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,625.24	3/4	2,879.22	3/4	3,133.20	3/4	3,387.18	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	2,630.53	5	2,884.51	5	3,138.49	5	3,392.47	5		5		5		5		5		5	
1/4	2,635.83	1/4	2,889.80	1/4	3,143.78	1/4	3,397.76	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,641.12	1/2	2,895.09	1/2	3,149.07	1/2	3,403.05	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,646.41	3/4	2,900.39	3/4	3,154.36	3/4	3,408.34	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	2,651.70	6	2,905.68	6	3,159.65	6	3,413.63	6		6		6		6		6		6	
1/4	2,656.99	1/4	2,910.97	1/4	3,164.95	1/4	3,418.92	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,662.28	1/2	2,916.26	1/2	3,170.24	1/2	3,424.21	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,667.57	3/4	2,921.55	3/4	3,175.53	3/4	3,429.51	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	2,672.86	7	2,926.84	7	3,180.82	7	3,434.80	7		7		7		7		7		7	
1/4	2,678.15	1/4	2,932.13	1/4	3,186.11	1/4	3,440.09	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,683.45	1/2	2,937.42	1/2	3,191.40	1/2	3,445.38	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,688.74	3/4	2,942.71	3/4	3,196.69	3/4	3,450.67	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	2,694.03	8	2,948.01	8	3,201.98	8	3,455.96	8		8		8		8		8		8	
1/4	2,699.32	1/4	2,953.30	1/4	3,207.27	1/4	3,461.25	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,704.61	1/2	2,958.59	1/2	3,212.57	1/2	3,466.54	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,709.90	3/4	2,963.88	3/4	3,217.86	3/4	3,471.83	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	2,715.19	9	2,969.17	9	3,223.15	9	3,477.13	9		9		9		9		9		9	
1/4	2,720.48	1/4	2,974.46	1/4	3,228.44	1/4	3,482.42	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,725.78	1/2	2,979.75	1/2	3,233.73	1/2	3,487.71	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,731.07	3/4	2,985.04	3/4	3,239.02	3/4	3,493.00	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	2,736.36	10	2,990.34	10	3,244.31	10	3,498.29	10		10		10		10		10		10	
1/4	2,741.65	1/4	2,995.63	1/4	3,249.60	1/4	3,502.52	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,746.94	1/2	3,000.92	1/2	3,254.90	1/2	3,506.75	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,752.23	3/4	3,006.21	3/4	3,260.19	3/4	3,510.98	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	2,757.52	11	3,011.50	11	3,265.48	11	3,515.21	11		11		11		11		11		11	
1/4	2,762.81	1/4	3,016.79	1/4	3,270.77	1/4	3,517.33	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,768.11	1/2	3,022.08	1/2	3,276.06	1/2	3,519.45	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,773.40	3/4	3,027.37	3/4	3,281.35	3/4	3,521.57	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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ALL PRIOR TO 11/2011

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