



# BARGE "DBL 123"

## 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	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 01-0/8	01-0/8	- 01-3/8	01-3/8	- 01-3/4	01-3/4	- 02-0/8	02-0/8
2 CENTER	00-1/4	- 00-1/4	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2	01-7/8	- 01-7/8
3 CENTER	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8

(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 2 CENTER IS - 00-5/8"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 3/8"

LENGTH BETWEEN DRAFT MARKS: 166'-00"

April 5, 2019

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

<http://www.pmacorp.net>



# BARGE "DBL 123"

# 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	1.04	0	225.33	0	480.46	0	732.21	0	988.37	0	1,243.61	0	1,498.85	0	1,755.05	0	2,011.25	0	2,267.44
1/4	1.93	1/4	230.66	1/4	485.66	1/4	737.55	1/4	993.70	1/4	1,248.95	1/4	1,504.19	1/4	1,760.39	1/4	2,016.58	1/4	2,272.78
1/2	2.83	1/2	236.00	1/2	490.86	1/2	742.88	1/2	999.04	1/2	1,254.28	1/2	1,509.53	1/2	1,765.72	1/2	2,021.92	1/2	2,278.12
3/4	3.72	3/4	241.34	3/4	496.06	3/4	748.22	3/4	1,004.38	3/4	1,259.62	3/4	1,514.87	3/4	1,771.06	3/4	2,027.26	3/4	2,283.45
1	4.61	1	246.68	1	501.26	1	753.56	1	1,009.71	1	1,264.95	1	1,520.20	1	1,776.40	1	2,032.59	1	2,288.79
1/4	7.29	1/4	252.02	1/4	506.46	1/4	758.89	1/4	1,015.05	1/4	1,270.29	1/4	1,525.54	1/4	1,781.74	1/4	2,037.93	1/4	2,294.13
1/2	9.96	1/2	257.36	1/2	511.65	1/2	764.23	1/2	1,020.39	1/2	1,275.62	1/2	1,530.88	1/2	1,787.07	1/2	2,043.27	1/2	2,299.46
3/4	12.64	3/4	262.70	3/4	516.85	3/4	769.57	3/4	1,025.72	3/4	1,280.96	3/4	1,536.22	3/4	1,792.41	3/4	2,048.61	3/4	2,304.80
2	15.31	2	268.04	2	522.05	2	774.90	2	1,031.06	2	1,286.29	2	1,541.55	2	1,797.75	2	2,053.94	2	2,310.14
1/4	19.77	1/4	273.37	1/4	527.25	1/4	780.24	1/4	1,036.40	1/4	1,291.61	1/4	1,546.89	1/4	1,803.09	1/4	2,059.28	1/4	2,315.48
1/2	24.22	1/2	278.71	1/2	532.45	1/2	785.58	1/2	1,041.73	1/2	1,296.92	1/2	1,552.23	1/2	1,808.42	1/2	2,064.62	1/2	2,320.81
3/4	28.68	3/4	284.05	3/4	537.65	3/4	790.91	3/4	1,047.07	3/4	1,302.24	3/4	1,557.57	3/4	1,813.76	3/4	2,069.96	3/4	2,326.15
3	33.14	3	289.39	3	542.85	3	796.25	3	1,052.41	3	1,307.55	3	1,562.90	3	1,819.10	3	2,075.29	3	2,331.49
1/4	38.42	1/4	294.73	1/4	548.04	1/4	801.59	1/4	1,057.74	1/4	1,312.86	1/4	1,568.24	1/4	1,824.44	1/4	2,080.63	1/4	2,336.83
1/2	43.70	1/2	300.07	1/2	553.24	1/2	806.92	1/2	1,063.08	1/2	1,318.18	1/2	1,573.58	1/2	1,829.77	1/2	2,085.97	1/2	2,342.16
3/4	48.99	3/4	305.41	3/4	558.44	3/4	812.26	3/4	1,068.42	3/4	1,323.49	3/4	1,578.92	3/4	1,835.11	3/4	2,091.31	3/4	2,347.50
4	54.27	4	310.75	4	563.64	4	817.59	4	1,073.75	4	1,328.81	4	1,584.25	4	1,840.45	4	2,096.64	4	2,352.84
1/4	59.59	1/4	316.08	1/4	568.84	1/4	822.93	1/4	1,079.06	1/4	1,334.12	1/4	1,589.59	1/4	1,845.79	1/4	2,101.98	1/4	2,358.18
1/2	64.91	1/2	321.42	1/2	574.04	1/2	828.27	1/2	1,084.37	1/2	1,339.43	1/2	1,594.93	1/2	1,851.12	1/2	2,107.32	1/2	2,363.51
3/4	70.24	3/4	326.76	3/4	579.24	3/4	833.60	3/4	1,089.68	3/4	1,344.75	3/4	1,600.27	3/4	1,856.46	3/4	2,112.66	3/4	2,368.85
5	75.56	5	332.10	5	584.43	5	838.94	5	1,094.98	5	1,350.06	5	1,605.60	5	1,861.80	5	2,117.99	5	2,374.19
1/4	80.90	1/4	337.44	1/4	589.63	1/4	844.28	1/4	1,100.29	1/4	1,355.38	1/4	1,610.94	1/4	1,867.14	1/4	2,123.33	1/4	2,379.53
1/2	86.24	1/2	342.78	1/2	594.83	1/2	849.61	1/2	1,105.60	1/2	1,360.69	1/2	1,616.28	1/2	1,872.47	1/2	2,128.67	1/2	2,384.86
3/4	91.58	3/4	348.12	3/4	600.03	3/4	854.95	3/4	1,110.91	3/4	1,366.00	3/4	1,621.62	3/4	1,877.81	3/4	2,134.01	3/4	2,390.20
6	96.92	6	353.45	6	605.23	6	860.29	6	1,116.22	6	1,371.32	6	1,626.95	6	1,883.15	6	2,139.34	6	2,395.54
1/4	102.27	1/4	358.79	1/4	610.43	1/4	865.62	1/4	1,121.53	1/4	1,376.63	1/4	1,632.29	1/4	1,888.48	1/4	2,144.68	1/4	2,400.88
1/2	107.62	1/2	364.13	1/2	615.63	1/2	870.96	1/2	1,126.83	1/2	1,381.95	1/2	1,637.63	1/2	1,893.82	1/2	2,150.02	1/2	2,406.21
3/4	112.97	3/4	369.47	3/4	620.83	3/4	876.30	3/4	1,132.14	3/4	1,387.26	3/4	1,642.96	3/4	1,899.16	3/4	2,155.35	3/4	2,411.55
7	118.32	7	374.81	7	626.03	7	881.63	7	1,137.45	7	1,392.57	7	1,648.30	7	1,904.50	7	2,160.69	7	2,416.89
1/4	123.67	1/4	380.15	1/4	631.23	1/4	886.97	1/4	1,142.76	1/4	1,397.89	1/4	1,653.64	1/4	1,909.83	1/4	2,166.03	1/4	2,422.22
1/2	129.02	1/2	385.49	1/2	636.43	1/2	892.31	1/2	1,148.07	1/2	1,403.20	1/2	1,658.98	1/2	1,915.17	1/2	2,171.37	1/2	2,427.56
3/4	134.37	3/4	390.83	3/4	641.62	3/4	897.64	3/4	1,153.37	3/4	1,408.52	3/4	1,664.31	3/4	1,920.51	3/4	2,176.70	3/4	2,432.90
8	139.72	8	396.16	8	646.82	8	902.98	8	1,158.68	8	1,413.83	8	1,669.65	8	1,925.85	8	2,182.04	8	2,438.24
1/4	145.07	1/4	401.50	1/4	652.16	1/4	908.32	1/4	1,163.99	1/4	1,419.14	1/4	1,674.99	1/4	1,931.18	1/4	2,187.38	1/4	2,443.57
1/2	150.42	1/2	406.84	1/2	657.50	1/2	913.65	1/2	1,169.30	1/2	1,424.46	1/2	1,680.33	1/2	1,936.52	1/2	2,192.72	1/2	2,448.91
3/4	155.77	3/4	412.18	3/4	662.83	3/4	918.99	3/4	1,174.61	3/4	1,429.77	3/4	1,685.66	3/4	1,941.86	3/4	2,198.05	3/4	2,454.25
9	161.12	9	417.52	9	668.17	9	924.33	9	1,179.92	9	1,435.09	9	1,691.00	9	1,947.20	9	2,203.39	9	2,459.59
1/4	166.47	1/4	422.86	1/4	673.51	1/4	929.66	1/4	1,185.22	1/4	1,440.40	1/4	1,696.34	1/4	1,952.53	1/4	2,208.73	1/4	2,464.92
1/2	171.82	1/2	428.20	1/2	678.84	1/2	935.00	1/2	1,190.53	1/2	1,445.71	1/2	1,701.68	1/2	1,957.87	1/2	2,214.07	1/2	2,470.26
3/4	177.17	3/4	433.54	3/4	684.18	3/4	940.34	3/4	1,195.84	3/4	1,451.03	3/4	1,707.01	3/4	1,963.21	3/4	2,219.40	3/4	2,475.60
10	182.52	10	438.87	10	689.52	10	945.67	10	1,201.15	10	1,456.34	10	1,712.35	10	1,968.55	10	2,224.74	10	2,480.94
1/4	187.87	1/4	444.07	1/4	694.85	1/4	951.01	1/4	1,206.46	1/4	1,461.66	1/4	1,717.69	1/4	1,973.88	1/4	2,230.08	1/4	2,486.27
1/2	193.22	1/2	449.27	1/2	700.19	1/2	956.35	1/2	1,211.76	1/2	1,466.97	1/2	1,723.03	1/2	1,979.22	1/2	2,235.42	1/2	2,491.61
3/4	198.57	3/4	454.47	3/4	705.53	3/4	961.68	3/4	1,217.07	3/4	1,472.28	3/4	1,728.36	3/4	1,984.56	3/4	2,240.75	3/4	2,496.95
11	203.92	11	459.67	11	710.86	11	967.02	11	1,222.38	11	1,477.60	11	1,733.70	11	1,989.90	11	2,246.09	11	2,502.29
1/4	209.28	1/4	464.87	1/4	716.20	1/4	972.36	1/4	1,227.69	1/4	1,482.91	1/4	1,739.04	1/4	1,995.23	1/4	2,251.43	1/4	2,507.62
1/2	214.63	1/2	470.07	1/2	721.54	1/2	977.69	1/2	1,233.00	1/2	1,488.23	1/2	1,744.38	1/2	2,000.57	1/2	2,256.77	1/2	2,512.96
3/4	219.98	3/4	475.26	3/4	726.87	3/4	983.03	3/4	1,238.31	3/4	1,493.54	3/4	1,749.71	3/4	2,005.91	3/4	2,262.10	3/4	2,518.30

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 31'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "DBL 123"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,523.64	0	2,752.67	0	2,976.21	0	3,199.75	0	3,399.20	0		0		0		0		0	
1/4	2,528.97	1/4	2,757.33	1/4	2,980.87	1/4	3,204.41	1/4	3,399.87	1/4		1/4		1/4		1/4		1/4	
1/2	2,534.31	1/2	2,761.99	1/2	2,985.53	1/2	3,209.07	1/2	3,400.54	1/2		1/2		1/2		1/2		1/2	
3/4	2,539.65	3/4	2,766.64	3/4	2,990.18	3/4	3,213.72	3/4	3,401.21	3/4		3/4		3/4		3/4		3/4	
1	2,544.99	1	2,771.30	1	2,994.84	1	3,218.38	1	3,401.88	1		1		1		1		1	
1/4	2,550.34	1/4	2,775.96	1/4	2,999.50	1/4	3,223.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,555.69	1/2	2,780.61	1/2	3,004.15	1/2	3,227.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,561.04	3/4	2,785.27	3/4	3,008.81	3/4	3,232.35	3/4		3/4		3/4		3/4		3/4		3/4	
2	2,566.39	2	2,789.93	2	3,013.47	2	3,237.01	2		2		2		2		2		2	
1/4	2,571.04	1/4	2,794.59	1/4	3,018.13	1/4	3,241.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,575.70	1/2	2,799.24	1/2	3,022.78	1/2	3,246.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,580.36	3/4	2,803.90	3/4	3,027.44	3/4	3,250.98	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,585.02	3	2,808.56	3	3,032.10	3	3,255.64	3		3		3		3		3		3	
1/4	2,589.67	1/4	2,813.21	1/4	3,036.75	1/4	3,260.30	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,594.33	1/2	2,817.87	1/2	3,041.41	1/2	3,264.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,598.99	3/4	2,822.53	3/4	3,046.07	3/4	3,269.61	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,603.64	4	2,827.18	4	3,050.73	4	3,274.27	4		4		4		4		4		4	
1/4	2,608.30	1/4	2,831.84	1/4	3,055.38	1/4	3,278.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,612.96	1/2	2,836.50	1/2	3,060.04	1/2	3,283.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,617.62	3/4	2,841.16	3/4	3,064.70	3/4	3,288.24	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,622.27	5	2,845.81	5	3,069.35	5	3,292.89	5		5		5		5		5		5	
1/4	2,626.93	1/4	2,850.47	1/4	3,074.01	1/4	3,297.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,631.59	1/2	2,855.13	1/2	3,078.67	1/2	3,302.21	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,636.24	3/4	2,859.78	3/4	3,083.33	3/4	3,306.87	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,640.90	6	2,864.44	6	3,087.98	6	3,311.52	6		6		6		6		6		6	
1/4	2,645.56	1/4	2,869.10	1/4	3,092.64	1/4	3,316.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,650.21	1/2	2,873.76	1/2	3,097.30	1/2	3,320.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,654.87	3/4	2,878.41	3/4	3,101.95	3/4	3,325.49	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,659.53	7	2,883.07	7	3,106.61	7	3,330.15	7		7		7		7		7		7	
1/4	2,664.19	1/4	2,887.73	1/4	3,111.27	1/4	3,334.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,668.84	1/2	2,892.38	1/2	3,115.92	1/2	3,339.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,673.50	3/4	2,897.04	3/4	3,120.58	3/4	3,344.12	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,678.16	8	2,901.70	8	3,125.24	8	3,348.78	8		8		8		8		8		8	
1/4	2,682.81	1/4	2,906.36	1/4	3,129.90	1/4	3,353.44	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,687.47	1/2	2,911.01	1/2	3,134.55	1/2	3,358.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,692.13	3/4	2,915.67	3/4	3,139.21	3/4	3,362.75	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,696.79	9	2,920.33	9	3,143.87	9	3,367.41	9		9		9		9		9		9	
1/4	2,701.44	1/4	2,924.98	1/4	3,148.52	1/4	3,371.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,706.10	1/2	2,929.64	1/2	3,153.18	1/2	3,375.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,710.76	3/4	2,934.30	3/4	3,157.84	3/4	3,379.37	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,715.41	10	2,938.96	10	3,162.50	10	3,383.35	10		10		10		10		10		10	
1/4	2,720.07	1/4	2,943.61	1/4	3,167.15	1/4	3,386.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,724.73	1/2	2,948.27	1/2	3,171.81	1/2	3,388.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,729.39	3/4	2,952.93	3/4	3,176.47	3/4	3,391.30	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,734.04	11	2,957.58	11	3,181.12	11	3,393.96	11		11		11		11		11		11	
1/4	2,738.70	1/4	2,962.24	1/4	3,185.78	1/4	3,395.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,743.36	1/2	2,966.90	1/2	3,190.44	1/2	3,396.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,748.01	3/4	2,971.55	3/4	3,195.10	3/4	3,397.89	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/23/2015 SW  
RECALCULATED: 04/05/2019  
REPRINTED: 04/05/2019

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/05/2019

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



# BARGE "DBL 123"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	1.04	0	252.04	0	538.00	0	819.59	0	1,107.08	0	1,394.57	0	1,682.06	0	1,969.55	0	2,257.04	0	2,544.53
1/4	2.04	1/4	258.03	1/4	543.80	1/4	825.58	1/4	1,113.07	1/4	1,400.56	1/4	1,688.05	1/4	1,975.54	1/4	2,263.03	1/4	2,550.52
1/2	3.04	1/2	264.01	1/2	549.61	1/2	831.57	1/2	1,119.06	1/2	1,406.55	1/2	1,694.04	1/2	1,981.53	1/2	2,269.02	1/2	2,556.51
3/4	4.04	3/4	270.00	3/4	555.41	3/4	837.55	3/4	1,125.05	3/4	1,412.54	3/4	1,700.03	3/4	1,987.52	3/4	2,275.01	3/4	2,562.50
1	5.04	1	275.98	1	561.21	1	843.54	1	1,131.04	1	1,418.53	1	1,706.02	1	1,993.51	1	2,281.00	1	2,568.49
1/4	8.03	1/4	281.97	1/4	567.01	1/4	849.53	1/4	1,137.02	1/4	1,424.52	1/4	1,712.01	1/4	1,999.50	1/4	2,286.99	1/4	2,574.48
1/2	11.03	1/2	287.96	1/2	572.81	1/2	855.52	1/2	1,143.01	1/2	1,430.51	1/2	1,718.00	1/2	2,005.49	1/2	2,292.98	1/2	2,580.47
3/4	14.02	3/4	293.94	3/4	578.62	3/4	861.51	3/4	1,149.00	3/4	1,436.49	3/4	1,723.99	3/4	2,011.48	3/4	2,298.97	3/4	2,586.46
2	17.02	2	299.93	2	584.42	2	867.50	2	1,154.99	2	1,442.48	2	1,729.98	2	2,017.47	2	2,304.96	2	2,592.45
1/4	22.01	1/4	305.92	1/4	590.22	1/4	873.49	1/4	1,160.98	1/4	1,448.47	1/4	1,735.96	1/4	2,023.46	1/4	2,310.95	1/4	2,598.44
1/2	26.99	1/2	311.91	1/2	596.02	1/2	879.48	1/2	1,166.97	1/2	1,454.46	1/2	1,741.95	1/2	2,029.45	1/2	2,316.94	1/2	2,604.43
3/4	31.98	3/4	317.90	3/4	601.83	3/4	885.47	3/4	1,172.96	3/4	1,460.45	3/4	1,747.94	3/4	2,035.43	3/4	2,322.93	3/4	2,610.42
3	36.97	3	323.89	3	607.63	3	891.46	3	1,178.95	3	1,466.44	3	1,753.93	3	2,041.42	3	2,328.92	3	2,616.41
1/4	42.88	1/4	329.87	1/4	613.43	1/4	897.45	1/4	1,184.94	1/4	1,472.43	1/4	1,759.92	1/4	2,047.41	1/4	2,334.90	1/4	2,622.40
1/2	48.80	1/2	335.86	1/2	619.23	1/2	903.44	1/2	1,190.93	1/2	1,478.42	1/2	1,765.91	1/2	2,053.40	1/2	2,340.89	1/2	2,628.39
3/4	54.71	3/4	341.85	3/4	625.03	3/4	909.43	3/4	1,196.92	3/4	1,484.41	3/4	1,771.90	3/4	2,059.39	3/4	2,346.88	3/4	2,634.37
4	60.63	4	347.84	4	630.84	4	915.42	4	1,202.91	4	1,490.40	4	1,777.89	4	2,065.38	4	2,352.87	4	2,640.36
1/4	66.59	1/4	353.83	1/4	636.64	1/4	921.41	1/4	1,208.90	1/4	1,496.39	1/4	1,783.88	1/4	2,071.37	1/4	2,358.86	1/4	2,646.35
1/2	72.54	1/2	359.82	1/2	642.44	1/2	927.40	1/2	1,214.89	1/2	1,502.38	1/2	1,789.87	1/2	2,077.36	1/2	2,364.85	1/2	2,652.34
3/4	78.50	3/4	365.81	3/4	648.24	3/4	933.39	3/4	1,220.88	3/4	1,508.37	3/4	1,795.86	3/4	2,083.35	3/4	2,370.84	3/4	2,658.33
5	84.46	5	371.80	5	654.04	5	939.37	5	1,226.87	5	1,514.36	5	1,801.85	5	2,089.34	5	2,376.83	5	2,664.32
1/4	90.44	1/4	377.79	1/4	659.85	1/4	945.36	1/4	1,232.86	1/4	1,520.35	1/4	1,807.84	1/4	2,095.33	1/4	2,382.82	1/4	2,670.31
1/2	96.42	1/2	383.78	1/2	665.65	1/2	951.35	1/2	1,238.84	1/2	1,526.34	1/2	1,813.83	1/2	2,101.32	1/2	2,388.81	1/2	2,676.30
3/4	102.40	3/4	389.77	3/4	671.45	3/4	957.34	3/4	1,244.83	3/4	1,532.33	3/4	1,819.82	3/4	2,107.31	3/4	2,394.80	3/4	2,682.29
6	108.38	6	395.76	6	677.25	6	963.33	6	1,250.82	6	1,538.31	6	1,825.81	6	2,113.30	6	2,400.79	6	2,688.28
1/4	114.36	1/4	401.75	1/4	683.07	1/4	969.32	1/4	1,256.81	1/4	1,544.30	1/4	1,831.80	1/4	2,119.29	1/4	2,406.78	1/4	2,694.27
1/2	120.35	1/2	407.73	1/2	688.88	1/2	975.31	1/2	1,262.80	1/2	1,550.29	1/2	1,837.78	1/2	2,125.28	1/2	2,412.77	1/2	2,700.26
3/4	126.33	3/4	413.72	3/4	694.69	3/4	981.30	3/4	1,268.79	3/4	1,556.28	3/4	1,843.77	3/4	2,131.27	3/4	2,418.76	3/4	2,706.25
7	132.32	7	419.71	7	700.50	7	987.29	7	1,274.78	7	1,562.27	7	1,849.76	7	2,137.25	7	2,424.75	7	2,712.24
1/4	138.30	1/4	425.70	1/4	706.32	1/4	993.28	1/4	1,280.77	1/4	1,568.26	1/4	1,855.75	1/4	2,143.24	1/4	2,430.74	1/4	2,718.23
1/2	144.29	1/2	431.69	1/2	712.13	1/2	999.27	1/2	1,286.76	1/2	1,574.25	1/2	1,861.74	1/2	2,149.23	1/2	2,436.72	1/2	2,724.22
3/4	150.27	3/4	437.68	3/4	717.94	3/4	1,005.26	3/4	1,292.75	3/4	1,580.24	3/4	1,867.73	3/4	2,155.22	3/4	2,442.71	3/4	2,730.21
8	156.26	8	443.67	8	723.76	8	1,011.25	8	1,298.74	8	1,586.23	8	1,873.72	8	2,161.21	8	2,448.70	8	2,736.19
1/4	162.25	1/4	449.66	1/4	729.75	1/4	1,017.24	1/4	1,304.73	1/4	1,592.22	1/4	1,879.71	1/4	2,167.20	1/4	2,454.69	1/4	2,742.18
1/2	168.23	1/2	455.65	1/2	735.73	1/2	1,023.23	1/2	1,310.72	1/2	1,598.21	1/2	1,885.70	1/2	2,173.19	1/2	2,460.68	1/2	2,748.17
3/4	174.22	3/4	461.64	3/4	741.72	3/4	1,029.22	3/4	1,316.71	3/4	1,604.20	3/4	1,891.69	3/4	2,179.18	3/4	2,466.67	3/4	2,754.16
9	180.20	9	467.63	9	747.71	9	1,035.20	9	1,322.70	9	1,610.19	9	1,897.68	9	2,185.17	9	2,472.66	9	2,760.15
1/4	186.19	1/4	473.62	1/4	753.70	1/4	1,041.19	1/4	1,328.69	1/4	1,616.18	1/4	1,903.67	1/4	2,191.16	1/4	2,478.65	1/4	2,766.14
1/2	192.18	1/2	479.60	1/2	759.69	1/2	1,047.18	1/2	1,334.67	1/2	1,622.17	1/2	1,909.66	1/2	2,197.15	1/2	2,484.64	1/2	2,772.13
3/4	198.16	3/4	485.59	3/4	765.68	3/4	1,053.17	3/4	1,340.66	3/4	1,628.16	3/4	1,915.65	3/4	2,203.14	3/4	2,490.63	3/4	2,778.12
10	204.15	10	491.58	10	771.67	10	1,059.16	10	1,346.65	10	1,634.14	10	1,921.64	10	2,209.13	10	2,496.62	10	2,784.11
1/4	210.14	1/4	497.39	1/4	777.66	1/4	1,065.15	1/4	1,352.64	1/4	1,640.13	1/4	1,927.63	1/4	2,215.12	1/4	2,502.61	1/4	2,790.10
1/2	216.12	1/2	503.19	1/2	783.65	1/2	1,071.14	1/2	1,358.63	1/2	1,646.12	1/2	1,933.61	1/2	2,221.11	1/2	2,508.60	1/2	2,796.09
3/4	222.11	3/4	508.99	3/4	789.64	3/4	1,077.13	3/4	1,364.62	3/4	1,652.11	3/4	1,939.60	3/4	2,227.10	3/4	2,514.59	3/4	2,802.08
11	228.09	11	514.79	11	795.63	11	1,083.12	11	1,370.61	11	1,658.10	11	1,945.59	11	2,233.08	11	2,520.58	11	2,808.07
1/4	234.08	1/4	520.59	1/4	801.62	1/4	1,089.11	1/4	1,376.60	1/4	1,664.09	1/4	1,951.58	1/4	2,239.07	1/4	2,526.57	1/4	2,814.06
1/2	240.07	1/2	526.40	1/2	807.61	1/2	1,095.10	1/2	1,382.59	1/2	1,670.08	1/2	1,957.57	1/2	2,245.06	1/2	2,532.55	1/2	2,820.05
3/4	246.05	3/4	532.20	3/4	813.60	3/4	1,101.09	3/4	1,388.58	3/4	1,676.07	3/4	1,963.56	3/4	2,251.05	3/4	2,538.54	3/4	2,826.04

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 25'-10" FORWARD OF AFT BULKHEAD.

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



# BARGE "DBL 123"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,832.02	0	3,119.52	0	3,407.01	0	3,694.50	0	3,955.06	0		0		0		0		0	
1/4	2,838.01	1/4	3,125.51	1/4	3,413.00	1/4	3,700.49	1/4	3,955.80	1/4		1/4		1/4		1/4		1/4	
1/2	2,844.00	1/2	3,131.49	1/2	3,418.99	1/2	3,706.48	1/2	3,956.55	1/2		1/2		1/2		1/2		1/2	
3/4	2,849.99	3/4	3,137.48	3/4	3,424.98	3/4	3,712.47	3/4	3,957.30	3/4		3/4		3/4		3/4		3/4	
1	2,855.98	1	3,143.47	1	3,430.96	1	3,718.46	1	3,958.05	1		1		1		1		1	
1/4	2,861.97	1/4	3,149.46	1/4	3,436.95	1/4	3,724.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,867.96	1/2	3,155.45	1/2	3,442.94	1/2	3,730.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,873.95	3/4	3,161.44	3/4	3,448.93	3/4	3,736.42	3/4		3/4		3/4		3/4		3/4		3/4	
2	2,879.94	2	3,167.43	2	3,454.92	2	3,742.41	2		2		2		2		2		2	
1/4	2,885.93	1/4	3,173.42	1/4	3,460.91	1/4	3,748.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,891.92	1/2	3,179.41	1/2	3,466.90	1/2	3,754.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,897.91	3/4	3,185.40	3/4	3,472.89	3/4	3,760.38	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,903.90	3	3,191.39	3	3,478.88	3	3,766.37	3		3		3		3		3		3	
1/4	2,909.89	1/4	3,197.38	1/4	3,484.87	1/4	3,772.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,915.88	1/2	3,203.37	1/2	3,490.86	1/2	3,778.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,921.87	3/4	3,209.36	3/4	3,496.85	3/4	3,784.34	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,927.86	4	3,215.35	4	3,502.84	4	3,790.33	4		4		4		4		4		4	
1/4	2,933.84	1/4	3,221.34	1/4	3,508.83	1/4	3,796.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,939.83	1/2	3,227.33	1/2	3,514.82	1/2	3,802.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,945.82	3/4	3,233.31	3/4	3,520.81	3/4	3,808.30	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,951.81	5	3,239.30	5	3,526.80	5	3,814.29	5		5		5		5		5		5	
1/4	2,957.80	1/4	3,245.29	1/4	3,532.78	1/4	3,820.28	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,963.79	1/2	3,251.28	1/2	3,538.77	1/2	3,826.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,969.78	3/4	3,257.27	3/4	3,544.76	3/4	3,832.25	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,975.77	6	3,263.26	6	3,550.75	6	3,838.24	6		6		6		6		6		6	
1/4	2,981.76	1/4	3,269.25	1/4	3,556.74	1/4	3,844.23	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,987.75	1/2	3,275.24	1/2	3,562.73	1/2	3,850.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,993.74	3/4	3,281.23	3/4	3,568.72	3/4	3,856.21	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,999.73	7	3,287.22	7	3,574.71	7	3,862.20	7		7		7		7		7		7	
1/4	3,005.72	1/4	3,293.21	1/4	3,580.70	1/4	3,868.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,011.71	1/2	3,299.20	1/2	3,586.69	1/2	3,874.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,017.70	3/4	3,305.19	3/4	3,592.68	3/4	3,880.17	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,023.69	8	3,311.18	8	3,598.67	8	3,886.16	8		8		8		8		8		8	
1/4	3,029.68	1/4	3,317.17	1/4	3,604.66	1/4	3,892.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,035.66	1/2	3,323.16	1/2	3,610.65	1/2	3,898.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,041.65	3/4	3,329.15	3/4	3,616.64	3/4	3,904.13	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,047.64	9	3,335.13	9	3,622.63	9	3,910.12	9		9		9		9		9		9	
1/4	3,053.63	1/4	3,341.12	1/4	3,628.62	1/4	3,915.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,059.62	1/2	3,347.11	1/2	3,634.60	1/2	3,920.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,065.61	3/4	3,353.10	3/4	3,640.59	3/4	3,925.86	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,071.60	10	3,359.09	10	3,646.58	10	3,931.11	10		10		10		10		10		10	
1/4	3,077.59	1/4	3,365.08	1/4	3,652.57	1/4	3,934.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,083.58	1/2	3,371.07	1/2	3,658.56	1/2	3,938.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,089.57	3/4	3,377.06	3/4	3,664.55	3/4	3,942.33	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,095.56	11	3,383.05	11	3,670.54	11	3,946.08	11		11		11		11		11		11	
1/4	3,101.54	1/4	3,389.04	1/4	3,676.53	1/4	3,948.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,107.53	1/2	3,395.03	1/2	3,682.52	1/2	3,950.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,113.53	3/4	3,401.02	3/4	3,688.51	3/4	3,952.81	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/23/2015 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  
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<http://www.pmacorp.net>





# BARGE "DBL 123"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	1.04	0	222.55	0	476.15	0	729.58	0	983.30	0	1,237.02	0	1,490.75	0	1,744.47	0	1,998.19	0	2,251.92
1/4	1.92	1/4	227.83	1/4	481.43	1/4	734.86	1/4	988.59	1/4	1,242.31	1/4	1,496.03	1/4	1,749.76	1/4	2,003.48	1/4	2,257.20
1/2	2.81	1/2	233.11	1/2	486.71	1/2	740.15	1/2	993.87	1/2	1,247.60	1/2	1,501.32	1/2	1,755.04	1/2	2,008.77	1/2	2,262.49
3/4	3.69	3/4	238.39	3/4	491.98	3/4	745.44	3/4	999.16	3/4	1,252.88	3/4	1,506.61	3/4	1,760.33	3/4	2,014.05	3/4	2,267.78
1	4.57	1	243.68	1	497.26	1	750.72	1	1,004.45	1	1,258.17	1	1,511.89	1	1,765.61	1	2,019.34	1	2,273.06
1/4	7.21	1/4	248.96	1/4	502.53	1/4	756.01	1/4	1,009.73	1/4	1,263.45	1/4	1,517.18	1/4	1,770.90	1/4	2,024.62	1/4	2,278.35
1/2	9.85	1/2	254.24	1/2	507.81	1/2	761.29	1/2	1,015.02	1/2	1,268.74	1/2	1,522.46	1/2	1,776.19	1/2	2,029.91	1/2	2,283.63
3/4	12.50	3/4	259.53	3/4	513.08	3/4	766.58	3/4	1,020.30	3/4	1,274.03	3/4	1,527.75	3/4	1,781.47	3/4	2,035.20	3/4	2,288.92
2	15.14	2	264.81	2	518.36	2	771.87	2	1,025.59	2	1,279.31	2	1,533.04	2	1,786.76	2	2,040.48	2	2,294.20
1/4	19.54	1/4	270.09	1/4	523.64	1/4	777.15	1/4	1,030.87	1/4	1,284.60	1/4	1,538.32	1/4	1,792.04	1/4	2,045.77	1/4	2,299.49
1/2	23.95	1/2	275.38	1/2	528.91	1/2	782.44	1/2	1,036.16	1/2	1,289.88	1/2	1,543.61	1/2	1,797.33	1/2	2,051.05	1/2	2,304.78
3/4	28.35	3/4	280.66	3/4	534.19	3/4	787.72	3/4	1,041.45	3/4	1,295.17	3/4	1,548.89	3/4	1,802.62	3/4	2,056.34	3/4	2,310.06
3	32.75	3	285.95	3	539.46	3	793.01	3	1,046.73	3	1,300.46	3	1,554.18	3	1,807.90	3	2,061.63	3	2,315.35
1/4	37.97	1/4	291.24	1/4	544.74	1/4	798.30	1/4	1,052.02	1/4	1,305.74	1/4	1,559.46	1/4	1,813.19	1/4	2,066.91	1/4	2,320.63
1/2	43.19	1/2	296.52	1/2	550.01	1/2	803.58	1/2	1,057.30	1/2	1,311.03	1/2	1,564.75	1/2	1,818.47	1/2	2,072.20	1/2	2,325.92
3/4	48.41	3/4	301.81	3/4	555.29	3/4	808.87	3/4	1,062.59	3/4	1,316.31	3/4	1,570.04	3/4	1,823.76	3/4	2,077.48	3/4	2,331.21
4	53.63	4	307.09	4	560.57	4	814.15	4	1,067.88	4	1,321.60	4	1,575.32	4	1,829.05	4	2,082.77	4	2,336.49
1/4	58.89	1/4	312.38	1/4	565.84	1/4	819.44	1/4	1,073.16	1/4	1,326.89	1/4	1,580.61	1/4	1,834.33	1/4	2,088.05	1/4	2,341.78
1/2	64.14	1/2	317.66	1/2	571.12	1/2	824.72	1/2	1,078.45	1/2	1,332.17	1/2	1,585.89	1/2	1,839.62	1/2	2,093.34	1/2	2,347.06
3/4	69.40	3/4	322.95	3/4	576.39	3/4	830.01	3/4	1,083.73	3/4	1,337.46	3/4	1,591.18	3/4	1,844.90	3/4	2,098.63	3/4	2,352.35
5	74.66	5	328.24	5	581.67	5	835.30	5	1,089.02	5	1,342.74	5	1,596.47	5	1,850.19	5	2,103.91	5	2,357.64
1/4	79.94	1/4	333.52	1/4	586.95	1/4	840.58	1/4	1,094.31	1/4	1,348.03	1/4	1,601.75	1/4	1,855.48	1/4	2,109.20	1/4	2,362.92
1/2	85.21	1/2	338.81	1/2	592.22	1/2	845.87	1/2	1,099.59	1/2	1,353.31	1/2	1,607.04	1/2	1,860.76	1/2	2,114.48	1/2	2,368.21
3/4	90.49	3/4	344.09	3/4	597.50	3/4	851.15	3/4	1,104.88	3/4	1,358.60	3/4	1,612.32	3/4	1,866.05	3/4	2,119.77	3/4	2,373.49
6	95.77	6	349.38	6	602.77	6	856.44	6	1,110.16	6	1,363.89	6	1,617.61	6	1,871.33	6	2,125.06	6	2,378.78
1/4	101.05	1/4	354.66	1/4	608.05	1/4	861.73	1/4	1,115.45	1/4	1,369.17	1/4	1,622.90	1/4	1,876.62	1/4	2,130.34	1/4	2,384.07
1/2	106.33	1/2	359.95	1/2	613.33	1/2	867.01	1/2	1,120.74	1/2	1,374.46	1/2	1,628.18	1/2	1,881.90	1/2	2,135.63	1/2	2,389.35
3/4	111.61	3/4	365.23	3/4	618.61	3/4	872.30	3/4	1,126.02	3/4	1,379.74	3/4	1,633.47	3/4	1,887.19	3/4	2,140.91	3/4	2,394.64
7	116.89	7	370.52	7	623.89	7	877.58	7	1,131.31	7	1,385.03	7	1,638.75	7	1,892.48	7	2,146.20	7	2,399.92
1/4	122.18	1/4	375.81	1/4	629.17	1/4	882.87	1/4	1,136.59	1/4	1,390.32	1/4	1,644.04	1/4	1,897.76	1/4	2,151.49	1/4	2,405.21
1/2	127.46	1/2	381.09	1/2	634.45	1/2	888.16	1/2	1,141.88	1/2	1,395.60	1/2	1,649.33	1/2	1,903.05	1/2	2,156.77	1/2	2,410.49
3/4	132.74	3/4	386.38	3/4	639.73	3/4	893.44	3/4	1,147.16	3/4	1,400.89	3/4	1,654.61	3/4	1,908.33	3/4	2,162.06	3/4	2,415.78
8	138.02	8	391.66	8	645.00	8	898.73	8	1,152.45	8	1,406.17	8	1,659.90	8	1,913.62	8	2,167.34	8	2,421.07
1/4	143.31	1/4	396.95	1/4	650.29	1/4	904.01	1/4	1,157.74	1/4	1,411.46	1/4	1,665.18	1/4	1,918.91	1/4	2,172.63	1/4	2,426.35
1/2	148.59	1/2	402.23	1/2	655.58	1/2	909.30	1/2	1,163.02	1/2	1,416.75	1/2	1,670.47	1/2	1,924.19	1/2	2,177.92	1/2	2,431.64
3/4	153.87	3/4	407.52	3/4	660.86	3/4	914.58	3/4	1,168.31	3/4	1,422.03	3/4	1,675.75	3/4	1,929.48	3/4	2,183.20	3/4	2,436.92
9	159.15	9	412.80	9	666.15	9	919.87	9	1,173.59	9	1,427.32	9	1,681.04	9	1,934.76	9	2,188.49	9	2,442.21
1/4	164.44	1/4	418.09	1/4	671.43	1/4	925.16	1/4	1,178.88	1/4	1,432.60	1/4	1,686.33	1/4	1,940.05	1/4	2,193.77	1/4	2,447.50
1/2	169.72	1/2	423.38	1/2	676.72	1/2	930.44	1/2	1,184.17	1/2	1,437.89	1/2	1,691.61	1/2	1,945.34	1/2	2,199.06	1/2	2,452.78
3/4	175.00	3/4	428.66	3/4	682.01	3/4	935.73	3/4	1,189.45	3/4	1,443.18	3/4	1,696.90	3/4	1,950.62	3/4	2,204.34	3/4	2,458.07
10	180.28	10	433.95	10	687.29	10	941.01	10	1,194.74	10	1,448.46	10	1,702.18	10	1,955.91	10	2,209.63	10	2,463.35
1/4	185.57	1/4	439.22	1/4	692.58	1/4	946.30	1/4	1,200.02	1/4	1,453.75	1/4	1,707.47	1/4	1,961.19	1/4	2,214.92	1/4	2,468.64
1/2	190.85	1/2	444.50	1/2	697.86	1/2	951.59	1/2	1,205.31	1/2	1,459.03	1/2	1,712.76	1/2	1,966.48	1/2	2,220.20	1/2	2,473.93
3/4	196.13	3/4	449.77	3/4	703.15	3/4	956.87	3/4	1,210.60	3/4	1,464.32	3/4	1,718.04	3/4	1,971.77	3/4	2,225.49	3/4	2,479.21
11	201.42	11	455.05	11	708.43	11	962.16	11	1,215.88	11	1,469.60	11	1,723.33	11	1,977.05	11	2,230.77	11	2,484.50
1/4	206.70	1/4	460.33	1/4	713.72	1/4	967.44	1/4	1,221.17	1/4	1,474.89	1/4	1,728.61	1/4	1,982.34	1/4	2,236.06	1/4	2,489.78
1/2	211.98	1/2	465.60	1/2	719.01	1/2	972.73	1/2	1,226.45	1/2	1,480.18	1/2	1,733.90	1/2	1,987.62	1/2	2,241.35	1/2	2,495.07
3/4	217.26	3/4	470.88	3/4	724.29	3/4	978.02	3/4	1,231.74	3/4	1,485.46	3/4	1,739.19	3/4	1,992.91	3/4	2,246.63	3/4	2,500.36

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'-03" FORWARD OF AFT BULKHEAD.

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



# BARGE "DBL 123"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,505.64	0	2,759.36	0	3,013.09	0	3,266.81	0	3,496.73	0		0		0		0		0	
1/4	2,510.93	1/4	2,764.65	1/4	3,018.37	1/4	3,272.10	1/4	3,497.39	1/4		1/4		1/4		1/4		1/4	
1/2	2,516.21	1/2	2,769.94	1/2	3,023.66	1/2	3,277.38	1/2	3,498.05	1/2		1/2		1/2		1/2		1/2	
3/4	2,521.50	3/4	2,775.22	3/4	3,028.94	3/4	3,282.67	3/4	3,498.71	3/4		3/4		3/4		3/4		3/4	
1	2,526.78	1	2,780.51	1	3,034.23	1	3,287.95	1	3,499.37	1		1		1		1		1	
1/4	2,532.07	1/4	2,785.79	1/4	3,039.52	1/4	3,293.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,537.36	1/2	2,791.08	1/2	3,044.80	1/2	3,298.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,542.64	3/4	2,796.37	3/4	3,050.09	3/4	3,303.81	3/4		3/4		3/4		3/4		3/4		3/4	
2	2,547.93	2	2,801.65	2	3,055.37	2	3,309.10	2		2		2		2		2		2	
1/4	2,553.21	1/4	2,806.94	1/4	3,060.66	1/4	3,314.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,558.50	1/2	2,812.22	1/2	3,065.95	1/2	3,319.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,563.79	3/4	2,817.51	3/4	3,071.23	3/4	3,324.96	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,569.07	3	2,822.79	3	3,076.52	3	3,330.24	3		3		3		3		3		3	
1/4	2,574.36	1/4	2,828.08	1/4	3,081.80	1/4	3,335.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,579.64	1/2	2,833.37	1/2	3,087.09	1/2	3,340.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,584.93	3/4	2,838.65	3/4	3,092.38	3/4	3,346.10	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,590.22	4	2,843.94	4	3,097.66	4	3,351.38	4		4		4		4		4		4	
1/4	2,595.50	1/4	2,849.22	1/4	3,102.95	1/4	3,356.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,600.79	1/2	2,854.51	1/2	3,108.23	1/2	3,361.96	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,606.07	3/4	2,859.80	3/4	3,113.52	3/4	3,367.24	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,611.36	5	2,865.08	5	3,118.81	5	3,372.53	5		5		5		5		5		5	
1/4	2,616.64	1/4	2,870.37	1/4	3,124.09	1/4	3,377.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,621.93	1/2	2,875.65	1/2	3,129.38	1/2	3,383.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,627.22	3/4	2,880.94	3/4	3,134.66	3/4	3,388.39	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,632.50	6	2,886.23	6	3,139.95	6	3,393.67	6		6		6		6		6		6	
1/4	2,637.79	1/4	2,891.51	1/4	3,145.23	1/4	3,398.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,643.07	1/2	2,896.80	1/2	3,150.52	1/2	3,404.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,648.36	3/4	2,902.08	3/4	3,155.81	3/4	3,409.53	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,653.65	7	2,907.37	7	3,161.09	7	3,414.82	7		7		7		7		7		7	
1/4	2,658.93	1/4	2,912.66	1/4	3,166.38	1/4	3,420.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,664.22	1/2	2,917.94	1/2	3,171.66	1/2	3,425.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,669.50	3/4	2,923.23	3/4	3,176.95	3/4	3,430.67	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,674.79	8	2,928.51	8	3,182.24	8	3,435.96	8		8		8		8		8		8	
1/4	2,680.08	1/4	2,933.80	1/4	3,187.52	1/4	3,441.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,685.36	1/2	2,939.08	1/2	3,192.81	1/2	3,446.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,690.65	3/4	2,944.37	3/4	3,198.09	3/4	3,451.82	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,695.93	9	2,949.66	9	3,203.38	9	3,457.10	9		9		9		9		9		9	
1/4	2,701.22	1/4	2,954.94	1/4	3,208.67	1/4	3,461.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,706.51	1/2	2,960.23	1/2	3,213.95	1/2	3,466.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,711.79	3/4	2,965.51	3/4	3,219.24	3/4	3,470.97	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,717.08	10	2,970.80	10	3,224.52	10	3,475.59	10		10		10		10		10		10	
1/4	2,722.36	1/4	2,976.09	1/4	3,229.81	1/4	3,478.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,727.65	1/2	2,981.37	1/2	3,235.10	1/2	3,482.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,732.93	3/4	2,986.66	3/4	3,240.38	3/4	3,485.50	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,738.22	11	2,991.94	11	3,245.67	11	3,488.80	11		11		11		11		11		11	
1/4	2,743.51	1/4	2,997.23	1/4	3,250.95	1/4	3,490.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,748.79	1/2	3,002.52	1/2	3,256.24	1/2	3,492.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,754.08	3/4	3,007.80	3/4	3,261.52	3/4	3,494.75	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/23/2015 SW  
RECALCULATED: 04/05/2019  
REPRINTED: 04/05/2019

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/05/2019

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