



# BARGE "DBL 308"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,933.98	0	4,598.79	0	4,244.40	0	3,881.20	0	3,518.00	0	3,154.79	0	2,791.58	0	2,428.30
1/4		1/4		1/4	4,927.20	1/4	4,591.60	1/4	4,236.84	1/4	3,873.64	1/4	3,510.43	1/4	3,147.22	1/4	2,784.02	1/4	2,420.73
1/2		1/2		1/2	5,253.82	1/2	4,920.42	1/2	4,584.41	1/2	4,229.28	1/2	3,866.07	1/2	3,502.86	1/2	3,139.66	1/2	2,776.45
3/4		3/4		3/4	5,248.69	3/4	4,913.60	3/4	4,577.19	3/4	4,221.71	3/4	3,858.50	3/4	3,495.30	3/4	3,132.09	3/4	2,768.88
1		1		1	5,243.56	1	4,906.79	1	4,569.96	1	4,214.14	1	3,850.94	1	3,487.73	1	3,124.52	1	2,761.32
1/4		1/4		1/4	5,238.44	1/4	4,899.98	1/4	4,562.74	1/4	4,206.58	1/4	3,843.37	1/4	3,480.16	1/4	3,116.96	1/4	2,753.75
1/2		1/2		1/2	5,233.31	1/2	4,893.16	1/2	4,555.51	1/2	4,199.01	1/2	3,835.80	1/2	3,472.60	1/2	3,109.39	1/2	2,746.18
3/4		3/4		3/4	5,226.97	3/4	4,886.32	3/4	4,548.26	3/4	4,191.44	3/4	3,828.24	3/4	3,465.03	3/4	3,101.82	3/4	2,738.62
2		2		2	5,220.62	2	4,879.48	2	4,541.00	2	4,183.88	2	3,820.67	2	3,457.46	2	3,094.26	2	2,731.05
1/4		1/4		1/4	5,214.28	1/4	4,872.63	1/4	4,533.74	1/4	4,176.31	1/4	3,813.10	1/4	3,449.90	1/4	3,086.69	1/4	2,723.48
1/2		1/2		1/2	5,207.93	1/2	4,865.79	1/2	4,526.48	1/2	4,168.74	1/2	3,805.54	1/2	3,442.33	1/2	3,079.12	1/2	2,715.92
3/4		3/4		3/4	5,200.60	3/4	4,858.92	3/4	4,519.20	3/4	4,161.17	3/4	3,797.97	3/4	3,434.76	3/4	3,071.56	3/4	2,708.35
3		3		3	5,193.27	3	4,852.04	3	4,511.91	3	4,153.61	3	3,790.40	3	3,427.20	3	3,063.99	3	2,700.78
1/4		1/4		1/4	5,185.94	1/4	4,845.17	1/4	4,504.62	1/4	4,146.04	1/4	3,782.83	1/4	3,419.63	1/4	3,056.42	1/4	2,693.22
1/2		1/2		1/2	5,178.61	1/2	4,838.29	1/2	4,497.33	1/2	4,138.47	1/2	3,775.27	1/2	3,412.06	1/2	3,048.86	1/2	2,685.65
3/4		3/4		3/4	5,171.14	3/4	4,831.39	3/4	4,490.01	3/4	4,130.91	3/4	3,767.70	3/4	3,404.49	3/4	3,041.29	3/4	2,678.08
4		4		4	5,163.67	4	4,824.48	4	4,482.70	4	4,123.34	4	3,760.13	4	3,396.93	4	3,033.72	4	2,670.52
1/4		1/4		1/4	5,156.20	1/4	4,817.57	1/4	4,475.38	1/4	4,115.77	1/4	3,752.57	1/4	3,389.36	1/4	3,026.15	1/4	2,662.95
1/2		1/2		1/2	5,148.73	1/2	4,810.66	1/2	4,468.06	1/2	4,108.21	1/2	3,745.00	1/2	3,381.79	1/2	3,018.59	1/2	2,655.38
3/4		3/4		3/4	5,141.27	3/4	4,803.72	3/4	4,460.71	3/4	4,100.64	3/4	3,737.43	3/4	3,374.23	3/4	3,011.02	3/4	2,647.81
5		5		5	5,133.80	5	4,796.78	5	4,453.36	5	4,093.07	5	3,729.87	5	3,366.66	5	3,003.45	5	2,640.25
1/4		1/4		1/4	5,126.33	1/4	4,789.84	1/4	4,446.00	1/4	4,085.51	1/4	3,722.30	1/4	3,359.09	1/4	2,995.89	1/4	2,632.68
1/2		1/2		1/2	5,118.86	1/2	4,782.89	1/2	4,438.65	1/2	4,077.94	1/2	3,714.73	1/2	3,351.53	1/2	2,988.32	1/2	2,625.11
3/4		3/4		3/4	5,111.39	3/4	4,775.92	3/4	4,431.26	3/4	4,070.37	3/4	3,707.17	3/4	3,343.96	3/4	2,980.75	3/4	2,617.54
6		6		6	5,103.92	6	4,768.95	6	4,423.88	6	4,062.81	6	3,699.60	6	3,336.39	6	2,973.19	6	2,609.97
1/4		1/4		1/4	5,096.46	1/4	4,761.98	1/4	4,416.49	1/4	4,055.24	1/4	3,692.03	1/4	3,328.83	1/4	2,965.62	1/4	2,602.40
1/2		1/2		1/2	5,088.99	1/2	4,755.01	1/2	4,409.11	1/2	4,047.67	1/2	3,684.47	1/2	3,321.26	1/2	2,958.05	1/2	2,594.83
3/4		3/4		3/4	5,081.52	3/4	4,748.00	3/4	4,401.69	3/4	4,040.11	3/4	3,676.90	3/4	3,313.69	3/4	2,950.49	3/4	2,587.26
7		7		7	5,074.05	7	4,741.00	7	4,394.27	7	4,032.54	7	3,669.33	7	3,306.13	7	2,942.92	7	2,579.69
1/4		1/4		1/4	5,066.58	1/4	4,733.99	1/4	4,386.86	1/4	4,024.97	1/4	3,661.77	1/4	3,298.56	1/4	2,935.35	1/4	2,572.12
1/2		1/2		1/2	5,059.11	1/2	4,726.98	1/2	4,379.44	1/2	4,017.41	1/2	3,654.20	1/2	3,290.99	1/2	2,927.79	1/2	2,564.55
3/4		3/4		3/4	5,051.70	3/4	4,719.92	3/4	4,372.00	3/4	4,009.84	3/4	3,646.63	3/4	3,283.43	3/4	2,920.22	3/4	2,556.98
8		8		8	5,044.28	8	4,712.85	8	4,364.55	8	4,002.27	8	3,639.07	8	3,275.86	8	2,912.65	8	2,549.41
1/4		1/4		1/4	5,036.87	1/4	4,705.79	1/4	4,357.10	1/4	3,994.71	1/4	3,631.50	1/4	3,268.29	1/4	2,905.09	1/4	2,541.84
1/2		1/2		1/2	5,029.45	1/2	4,698.72	1/2	4,349.66	1/2	3,987.14	1/2	3,623.93	1/2	3,260.73	1/2	2,897.52	1/2	2,534.27
3/4		3/4		3/4	5,022.44	3/4	4,691.62	3/4	4,342.18	3/4	3,979.57	3/4	3,616.37	3/4	3,253.16	3/4	2,889.95	3/4	2,526.70
9		9		9	5,015.44	9	4,684.52	9	4,334.70	9	3,972.00	9	3,608.80	9	3,245.59	9	2,882.39	9	2,519.13
1/4		1/4		1/4	5,008.43	1/4	4,677.42	1/4	4,327.23	1/4	3,964.44	1/4	3,601.23	1/4	3,238.03	1/4	2,874.82	1/4	2,511.56
1/2		1/2		1/2	5,001.43	1/2	4,670.33	1/2	4,319.75	1/2	3,956.87	1/2	3,593.66	1/2	3,230.46	1/2	2,867.25	1/2	2,503.99
3/4		3/4		3/4	4,994.71	3/4	4,663.20	3/4	4,312.24	3/4	3,949.30	3/4	3,586.10	3/4	3,222.89	3/4	2,859.69	3/4	2,496.43
10		10		10	4,987.99	10	4,656.07	10	4,304.73	10	3,941.74	10	3,578.53	10	3,215.32	10	2,852.12	10	2,488.86
1/4		1/4		1/4	4,981.27	1/4	4,648.94	1/4	4,297.22	1/4	3,934.17	1/4	3,570.96	1/4	3,207.76	1/4	2,844.55	1/4	2,481.29
1/2		1/2		1/2	4,974.55	1/2	4,641.81	1/2	4,289.71	1/2	3,926.60	1/2	3,563.40	1/2	3,200.19	1/2	2,836.98	1/2	2,473.72
3/4		3/4		3/4	4,967.80	3/4	4,634.65	3/4	4,282.16	3/4	3,919.04	3/4	3,555.83	3/4	3,192.62	3/4	2,829.42	3/4	2,466.15
11		11		11	4,961.05	11	4,627.49	11	4,274.62	11	3,911.47	11	3,548.26	11	3,185.06	11	2,821.85	11	2,458.58
1/4		1/4		1/4	4,954.30	1/4	4,620.33	1/4	4,267.08	1/4	3,903.90	1/4	3,540.70	1/4	3,177.49	1/4	2,814.28	1/4	2,451.01
1/2		1/2		1/2	4,947.55	1/2	4,613.17	1/2	4,259.53	1/2	3,896.34	1/2	3,533.13	1/2	3,169.92	1/2	2,806.72	1/2	2,443.44
3/4		3/4		3/4	4,940.77	3/4	4,605.98	3/4	4,251.97	3/4	3,888.77	3/4	3,525.56	3/4	3,162.36	3/4	2,799.15	3/4	2,435.87

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 ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.

GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "DBL 308"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

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	2,064.96	0	1,701.62	0	1,338.28	0	975.36	0	612.10	0	252.10	0		0		0		0	
1/4	2,057.39	1/4	1,694.05	1/4	1,330.71	1/4	967.80	1/4	604.53	1/4	244.68	1/4		1/4		1/4		1/4	
1/2	2,049.82	1/2	1,686.48	1/2	1,323.14	1/2	960.24	1/2	596.96	1/2	237.25	1/2		1/2		1/2		1/2	
3/4	2,042.25	3/4	1,678.91	3/4	1,315.57	3/4	952.68	3/4	589.39	3/4	229.83	3/4		3/4		3/4		3/4	
1	2,034.68	1	1,671.34	1	1,308.00	1	945.13	1	581.82	1	222.41	1		1		1		1	
1/4	2,027.11	1/4	1,663.77	1/4	1,300.43	1/4	937.57	1/4	574.25	1/4	214.99	1/4		1/4		1/4		1/4	
1/2	2,019.54	1/2	1,656.20	1/2	1,292.86	1/2	930.01	1/2	566.68	1/2	207.57	1/2		1/2		1/2		1/2	
3/4	2,011.97	3/4	1,648.63	3/4	1,285.29	3/4	922.44	3/4	559.11	3/4	200.13	3/4		3/4		3/4		3/4	
2	2,004.40	2	1,641.06	2	1,277.72	2	914.87	2	551.54	2	192.69	2		2		2		2	
1/4	1,996.83	1/4	1,633.49	1/4	1,270.15	1/4	907.30	1/4	543.97	1/4	185.25	1/4		1/4		1/4		1/4	
1/2	1,989.26	1/2	1,625.92	1/2	1,262.58	1/2	899.73	1/2	536.40	1/2	177.81	1/2		1/2		1/2		1/2	
3/4	1,981.69	3/4	1,618.35	3/4	1,255.01	3/4	892.16	3/4	528.83	3/4	170.26	3/4		3/4		3/4		3/4	
3	1,974.12	3	1,610.78	3	1,247.44	3	884.59	3	521.27	3	162.71	3		3		3		3	
1/4	1,966.55	1/4	1,603.21	1/4	1,239.88	1/4	877.02	1/4	513.70	1/4	155.15	1/4		1/4		1/4		1/4	
1/2	1,958.98	1/2	1,595.64	1/2	1,232.31	1/2	869.45	1/2	506.13	1/2	147.60	1/2		1/2		1/2		1/2	
3/4	1,951.41	3/4	1,588.07	3/4	1,224.75	3/4	861.88	3/4	498.56	3/4	140.04	3/4		3/4		3/4		3/4	
4	1,943.84	4	1,580.50	4	1,217.19	4	854.31	4	490.99	4	132.49	4		4		4		4	
1/4	1,936.27	1/4	1,572.93	1/4	1,209.63	1/4	846.75	1/4	483.42	1/4	124.93	1/4		1/4		1/4		1/4	
1/2	1,928.71	1/2	1,565.36	1/2	1,202.08	1/2	839.18	1/2	475.85	1/2	117.38	1/2		1/2		1/2		1/2	
3/4	1,921.14	3/4	1,557.79	3/4	1,194.52	3/4	831.61	3/4	468.28	3/4	109.90	3/4		3/4		3/4		3/4	
5	1,913.57	5	1,550.23	5	1,186.96	5	824.04	5	460.71	5	102.43	5		5		5		5	
1/4	1,906.00	1/4	1,542.66	1/4	1,179.41	1/4	816.47	1/4	453.14	1/4	94.95	1/4		1/4		1/4		1/4	
1/2	1,898.43	1/2	1,535.09	1/2	1,171.85	1/2	808.90	1/2	445.57	1/2	87.48	1/2		1/2		1/2		1/2	
3/4	1,890.86	3/4	1,527.52	3/4	1,164.29	3/4	801.33	3/4	438.02	3/4	80.71	3/4		3/4		3/4		3/4	
6	1,883.29	6	1,519.95	6	1,156.73	6	793.76	6	430.47	6	73.94	6		6		6		6	
1/4	1,875.72	1/4	1,512.38	1/4	1,149.18	1/4	786.19	1/4	422.92	1/4	67.18	1/4		1/4		1/4		1/4	
1/2	1,868.15	1/2	1,504.81	1/2	1,141.62	1/2	778.62	1/2	415.37	1/2	60.41	1/2		1/2		1/2		1/2	
3/4	1,860.58	3/4	1,497.24	3/4	1,134.06	3/4	771.05	3/4	407.95	3/4	54.91	3/4		3/4		3/4		3/4	
7	1,853.01	7	1,489.67	7	1,126.50	7	763.48	7	400.53	7	49.41	7		7		7		7	
1/4	1,845.44	1/4	1,482.10	1/4	1,118.95	1/4	755.91	1/4	393.11	1/4	43.90	1/4		1/4		1/4		1/4	
1/2	1,837.87	1/2	1,474.53	1/2	1,111.39	1/2	748.34	1/2	385.68	1/2	38.40	1/2		1/2		1/2		1/2	
3/4	1,830.30	3/4	1,466.96	3/4	1,103.83	3/4	740.78	3/4	378.26	3/4	34.15	3/4		3/4		3/4		3/4	
8	1,822.73	8	1,459.39	8	1,096.28	8	733.21	8	370.84	8	29.91	8		8		8		8	
1/4	1,815.16	1/4	1,451.82	1/4	1,088.72	1/4	725.64	1/4	363.42	1/4	25.67	1/4		1/4		1/4		1/4	
1/2	1,807.59	1/2	1,444.25	1/2	1,081.16	1/2	718.07	1/2	356.00	1/2	21.42	1/2		1/2		1/2		1/2	
3/4	1,800.02	3/4	1,436.68	3/4	1,073.60	3/4	710.50	3/4	348.58	3/4		3/4		3/4		3/4		3/4	
9	1,792.45	9	1,429.11	9	1,066.05	9	702.93	9	341.15	9		9		9		9		9	
1/4	1,784.88	1/4	1,421.54	1/4	1,058.49	1/4	695.36	1/4	333.73	1/4		1/4		1/4		1/4		1/4	
1/2	1,777.31	1/2	1,413.97	1/2	1,050.93	1/2	687.79	1/2	326.31	1/2		1/2		1/2		1/2		1/2	
3/4	1,769.74	3/4	1,406.40	3/4	1,043.37	3/4	680.22	3/4	318.89	3/4		3/4		3/4		3/4		3/4	
10	1,762.17	10	1,398.83	10	1,035.82	10	672.65	10	311.47	10		10		10		10		10	
1/4	1,754.60	1/4	1,391.26	1/4	1,028.26	1/4	665.08	1/4	304.05	1/4		1/4		1/4		1/4		1/4	
1/2	1,747.03	1/2	1,383.69	1/2	1,020.70	1/2	657.51	1/2	296.63	1/2		1/2		1/2		1/2		1/2	
3/4	1,739.47	3/4	1,376.12	3/4	1,013.15	3/4	649.94	3/4	289.20	3/4		3/4		3/4		3/4		3/4	
11	1,731.90	11	1,368.55	11	1,005.59	11	642.37	11	281.78	11		11		11		11		11	
1/4	1,724.33	1/4	1,360.99	1/4	998.03	1/4	634.80	1/4	274.36	1/4		1/4		1/4		1/4		1/4	
1/2	1,716.76	1/2	1,353.42	1/2	990.47	1/2	627.24	1/2	266.94	1/2		1/2		1/2		1/2		1/2	
3/4	1,709.19	3/4	1,345.85	3/4	982.92	3/4	619.67	3/4	259.52	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/08/2019 SW  
CALCULATED: 01/08/2019 CL  
PRINTED: 01/11/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2019

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



# BARGE "DBL 308"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,925.83	0	4,591.02	0	4,237.03	0	3,874.24	0	3,511.45	0	3,148.65	0	2,785.85	0	2,423.17
1/4		1/4		1/4	4,919.05	1/4	4,583.84	1/4	4,229.48	1/4	3,866.69	1/4	3,503.89	1/4	3,141.09	1/4	2,778.29	1/4	2,415.61
1/2		1/2		1/2	5,245.79	1/2	4,912.27	1/2	4,576.65	1/2	4,221.93	1/2	3,859.13	1/2	3,496.33	1/2	3,133.53	1/2	2,770.74
3/4		3/4		3/4	5,240.17	3/4	4,905.47	3/4	4,569.44	3/4	4,214.37	3/4	3,851.57	3/4	3,488.77	3/4	3,125.97	3/4	2,400.49
1		1		1	5,235.05	1	4,898.66	1	4,562.22	1	4,206.81	1	3,844.01	1	3,481.21	1	3,118.41	1	2,755.65
1/4		1/4		1/4	5,229.92	1/4	4,891.86	1/4	4,555.01	1/4	4,199.25	1/4	3,836.45	1/4	3,473.65	1/4	3,110.86	1/4	2,748.10
1/2		1/2		1/2	5,224.80	1/2	4,885.05	1/2	4,547.79	1/2	4,191.69	1/2	3,828.89	1/2	3,466.10	1/2	3,103.30	1/2	2,740.55
3/4		3/4		3/4	5,218.47	3/4	4,878.22	3/4	4,540.54	3/4	4,184.13	3/4	3,821.34	3/4	3,458.54	3/4	3,095.74	3/4	2,733.01
2		2		2	5,212.13	2	4,871.38	2	4,533.29	2	4,176.58	2	3,813.78	2	3,450.98	2	3,088.18	2	2,725.46
1/4		1/4		1/4	5,205.79	1/4	4,864.55	1/4	4,526.04	1/4	4,169.02	1/4	3,806.22	1/4	3,443.42	1/4	3,080.62	1/4	2,717.92
1/2		1/2		1/2	5,199.45	1/2	4,857.71	1/2	4,518.79	1/2	4,161.46	1/2	3,798.66	1/2	3,435.86	1/2	3,073.06	1/2	2,710.37
3/4		3/4		3/4	5,192.13	3/4	4,850.85	3/4	4,511.51	3/4	4,153.90	3/4	3,791.10	3/4	3,428.30	3/4	3,065.51	3/4	2,702.82
3		3		3	5,184.81	3	4,843.98	3	4,504.23	3	4,146.34	3	3,783.54	3	3,420.75	3	3,057.95	3	2,695.28
1/4		1/4		1/4	5,177.49	1/4	4,837.11	1/4	4,496.95	1/4	4,138.78	1/4	3,775.99	1/4	3,413.19	1/4	3,050.39	1/4	2,687.73
1/2		1/2		1/2	5,170.17	1/2	4,830.25	1/2	4,489.68	1/2	4,131.23	1/2	3,768.43	1/2	3,405.63	1/2	3,042.83	1/2	2,680.19
3/4		3/4		3/4	5,162.71	3/4	4,823.35	3/4	4,482.37	3/4	4,123.67	3/4	3,760.87	3/4	3,398.07	3/4	3,035.27	3/4	2,672.64
4		4		4	5,155.25	4	4,816.45	4	4,475.06	4	4,116.11	4	3,753.31	4	3,390.51	4	3,027.71	4	2,665.09
1/4		1/4		1/4	5,147.79	1/4	4,809.55	1/4	4,467.75	1/4	4,108.55	1/4	3,745.75	1/4	3,382.95	1/4	3,020.16	1/4	2,657.54
1/2		1/2		1/2	5,140.33	1/2	4,802.65	1/2	4,460.44	1/2	4,100.99	1/2	3,738.19	1/2	3,375.40	1/2	3,012.60	1/2	2,650.00
3/4		3/4		3/4	5,132.87	3/4	4,795.71	3/4	4,453.09	3/4	4,093.43	3/4	3,730.64	3/4	3,367.84	3/4	3,005.04	3/4	2,642.44
5		5		5	5,125.41	5	4,788.78	5	4,445.75	5	4,085.88	5	3,723.08	5	3,360.28	5	2,997.48	5	2,634.88
1/4		1/4		1/4	5,117.95	1/4	4,781.85	1/4	4,438.40	1/4	4,078.32	1/4	3,715.52	1/4	3,352.72	1/4	2,989.92	1/4	2,627.32
1/2		1/2		1/2	5,110.49	1/2	4,774.91	1/2	4,431.06	1/2	4,070.76	1/2	3,707.96	1/2	3,345.16	1/2	2,982.36	1/2	2,619.76
3/4		3/4		3/4	5,103.03	3/4	4,767.95	3/4	4,423.68	3/4	4,063.20	3/4	3,700.40	3/4	3,337.60	3/4	2,974.81	3/4	2,612.20
6		6		6	5,095.57	6	4,760.98	6	4,416.30	6	4,055.64	6	3,692.84	6	3,330.05	6	2,967.25	6	2,604.64
1/4		1/4		1/4	5,088.11	1/4	4,754.02	1/4	4,408.93	1/4	4,048.08	1/4	3,685.29	1/4	3,322.49	1/4	2,959.69	1/4	2,597.08
1/2		1/2		1/2	5,080.65	1/2	4,747.06	1/2	4,401.55	1/2	4,040.53	1/2	3,677.73	1/2	3,314.93	1/2	2,952.13	1/2	2,589.52
3/4		3/4		3/4	5,073.19	3/4	4,740.06	3/4	4,394.14	3/4	4,032.97	3/4	3,670.17	3/4	3,307.37	3/4	2,944.57	3/4	2,581.96
7		7		7	5,065.73	7	4,733.06	7	4,386.73	7	4,025.41	7	3,662.61	7	3,299.81	7	2,937.01	7	2,574.39
1/4		1/4		1/4	5,058.27	1/4	4,726.06	1/4	4,379.33	1/4	4,017.85	1/4	3,655.05	1/4	3,292.25	1/4	2,929.46	1/4	2,566.83
1/2		1/2		1/2	5,050.81	1/2	4,719.06	1/2	4,371.92	1/2	4,010.29	1/2	3,647.49	1/2	3,284.70	1/2	2,921.90	1/2	2,559.27
3/4		3/4		3/4	5,043.41	3/4	4,712.01	3/4	4,364.48	3/4	4,002.73	3/4	3,639.94	3/4	3,277.14	3/4	2,914.34	3/4	2,551.71
8		8		8	5,036.00	8	4,704.95	8	4,357.04	8	3,995.18	8	3,632.38	8	3,269.58	8	2,906.78	8	2,544.15
1/4		1/4		1/4	5,028.59	1/4	4,697.89	1/4	4,349.60	1/4	3,987.62	1/4	3,624.82	1/4	3,262.02	1/4	2,899.22	1/4	2,536.59
1/2		1/2		1/2	5,021.18	1/2	4,690.84	1/2	4,342.17	1/2	3,980.06	1/2	3,617.26	1/2	3,254.46	1/2	2,891.66	1/2	2,529.03
3/4		3/4		3/4	5,014.18	3/4	4,683.74	3/4	4,334.70	3/4	3,972.50	3/4	3,609.70	3/4	3,246.90	3/4	2,884.11	3/4	2,521.47
9		9		9	5,007.19	9	4,676.65	9	4,327.23	9	3,964.94	9	3,602.14	9	3,239.35	9	2,876.55	9	2,513.91
1/4		1/4		1/4	5,000.19	1/4	4,669.56	1/4	4,319.76	1/4	3,957.39	1/4	3,594.59	1/4	3,231.79	1/4	2,868.99	1/4	2,506.34
1/2		1/2		1/2	4,993.19	1/2	4,662.47	1/2	4,312.29	1/2	3,949.83	1/2	3,587.03	1/2	3,224.23	1/2	2,861.43	1/2	2,498.78
3/4		3/4		3/4	4,986.48	3/4	4,655.35	3/4	4,304.79	3/4	3,942.27	3/4	3,579.47	3/4	3,216.67	3/4	2,853.87	3/4	2,491.22
10		10		10	4,979.77	10	4,648.23	10	4,297.29	10	3,934.71	10	3,571.91	10	3,209.11	10	2,846.31	10	2,483.66
1/4		1/4		1/4	4,973.06	1/4	4,641.11	1/4	4,289.79	1/4	3,927.15	1/4	3,564.35	1/4	3,201.56	1/4	2,838.76	1/4	2,476.10
1/2		1/2		1/2	4,966.35	1/2	4,633.99	1/2	4,282.28	1/2	3,919.59	1/2	3,556.80	1/2	3,194.00	1/2	2,831.20	1/2	2,468.54
3/4		3/4		3/4	4,959.61	3/4	4,626.84	3/4	4,274.75	3/4	3,912.04	3/4	3,549.24	3/4	3,186.44	3/4	2,823.64	3/4	2,460.98
11		11		11	4,952.86	11	4,619.68	11	4,267.21	11	3,904.48	11	3,541.68	11	3,178.88	11	2,816.08	11	2,453.42
1/4		1/4		1/4	4,946.12	1/4	4,612.53	1/4	4,259.68	1/4	3,896.92	1/4	3,534.12	1/4	3,171.32	1/4	2,808.52	1/4	2,445.86
1/2		1/2		1/2	4,939.38	1/2	4,605.38	1/2	4,252.14	1/2	3,889.36	1/2	3,526.56	1/2	3,163.76	1/2	2,800.97	1/2	2,438.29
3/4		3/4		3/4	4,932.60	3/4	4,598.20	3/4	4,244.59	3/4	3,881.80	3/4	3,519.00	3/4	3,156.21	3/4	2,793.41	3/4	2,430.73

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 ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.

GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "DBL 308"

1 STBD  
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

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	2,060.24	0	1,697.31	0	1,334.37	0	973.38	0	610.91	0	251.31	0		0		0		0	
1/4	2,052.68	1/4	1,689.75	1/4	1,326.81	1/4	965.88	1/4	603.35	1/4	243.90	1/4		1/4		1/4		1/4	
1/2	2,045.12	1/2	1,682.18	1/2	1,319.25	1/2	958.37	1/2	595.79	1/2	236.49	1/2		1/2		1/2		1/2	
3/4	2,037.56	3/4	1,674.62	3/4	1,311.69	3/4	950.86	3/4	588.23	3/4	229.07	3/4		3/4		3/4		3/4	
1	2,029.99	1	1,667.06	1	1,304.13	1	943.34	1	580.66	1	221.66	1		1		1		1	
1/4	2,022.43	1/4	1,659.50	1/4	1,296.57	1/4	935.83	1/4	573.10	1/4	214.25	1/4		1/4		1/4		1/4	
1/2	2,014.87	1/2	1,651.94	1/2	1,289.01	1/2	928.32	1/2	565.54	1/2	206.83	1/2		1/2		1/2		1/2	
3/4	2,007.31	3/4	1,644.38	3/4	1,281.45	3/4	920.80	3/4	557.98	3/4	199.40	3/4		3/4		3/4		3/4	
2	1,999.75	2	1,636.82	2	1,273.89	2	913.27	2	550.42	2	191.97	2		2		2		2	
1/4	1,992.19	1/4	1,629.26	1/4	1,266.34	1/4	905.74	1/4	542.86	1/4	184.54	1/4		1/4		1/4		1/4	
1/2	1,984.63	1/2	1,621.70	1/2	1,258.78	1/2	898.22	1/2	535.30	1/2	177.12	1/2		1/2		1/2		1/2	
3/4	1,977.07	3/4	1,614.13	3/4	1,251.26	3/4	890.66	3/4	527.74	3/4	169.57	3/4		3/4		3/4		3/4	
3	1,969.51	3	1,606.57	3	1,243.74	3	883.10	3	520.18	3	162.02	3		3		3		3	
1/4	1,961.95	1/4	1,599.01	1/4	1,236.22	1/4	875.54	1/4	512.62	1/4	154.48	1/4		1/4		1/4		1/4	
1/2	1,954.38	1/2	1,591.45	1/2	1,228.70	1/2	867.97	1/2	505.06	1/2	146.93	1/2		1/2		1/2		1/2	
3/4	1,946.82	3/4	1,583.89	3/4	1,221.19	3/4	860.41	3/4	497.50	3/4	139.39	3/4		3/4		3/4		3/4	
4	1,939.26	4	1,576.33	4	1,213.68	4	852.85	4	489.93	4	131.84	4		4		4		4	
1/4	1,931.70	1/4	1,568.77	1/4	1,206.17	1/4	845.29	1/4	482.37	1/4	124.29	1/4		1/4		1/4		1/4	
1/2	1,924.14	1/2	1,561.21	1/2	1,198.66	1/2	837.73	1/2	474.81	1/2	116.75	1/2		1/2		1/2		1/2	
3/4	1,916.58	3/4	1,553.65	3/4	1,191.15	3/4	830.17	3/4	467.25	3/4	109.28	3/4		3/4		3/4		3/4	
5	1,909.02	5	1,546.08	5	1,183.65	5	822.61	5	459.69	5	101.81	5		5		5		5	
1/4	1,901.46	1/4	1,538.52	1/4	1,176.14	1/4	815.05	1/4	452.13	1/4	94.35	1/4		1/4		1/4		1/4	
1/2	1,893.90	1/2	1,530.96	1/2	1,168.63	1/2	807.49	1/2	444.57	1/2	86.88	1/2		1/2		1/2		1/2	
3/4	1,886.33	3/4	1,523.40	3/4	1,161.12	3/4	799.93	3/4	437.03	3/4	80.12	3/4		3/4		3/4		3/4	
6	1,878.77	6	1,515.84	6	1,153.61	6	792.37	6	429.49	6	73.36	6		6		6		6	
1/4	1,871.21	1/4	1,508.28	1/4	1,146.10	1/4	784.81	1/4	421.94	1/4	66.60	1/4		1/4		1/4		1/4	
1/2	1,863.65	1/2	1,500.72	1/2	1,138.59	1/2	777.25	1/2	414.40	1/2	59.85	1/2		1/2		1/2		1/2	
3/4	1,856.09	3/4	1,493.16	3/4	1,131.08	3/4	769.68	3/4	406.99	3/4	54.35	3/4		3/4		3/4		3/4	
7	1,848.53	7	1,485.60	7	1,123.57	7	762.12	7	399.57	7	48.85	7		7		7		7	
1/4	1,840.97	1/4	1,478.03	1/4	1,116.06	1/4	754.56	1/4	392.16	1/4	43.35	1/4		1/4		1/4		1/4	
1/2	1,833.41	1/2	1,470.47	1/2	1,108.55	1/2	747.00	1/2	384.75	1/2	37.86	1/2		1/2		1/2		1/2	
3/4	1,825.85	3/4	1,462.91	3/4	1,101.04	3/4	739.44	3/4	377.34	3/4	33.62	3/4		3/4		3/4		3/4	
8	1,818.28	8	1,455.35	8	1,093.53	8	731.88	8	369.92	8	29.38	8		8		8		8	
1/4	1,810.72	1/4	1,447.79	1/4	1,086.02	1/4	724.32	1/4	362.51	1/4	25.14	1/4		1/4		1/4		1/4	
1/2	1,803.16	1/2	1,440.23	1/2	1,078.52	1/2	716.76	1/2	355.10	1/2	21.41	1/2		1/2		1/2		1/2	
3/4	1,795.60	3/4	1,432.67	3/4	1,071.01	3/4	709.20	3/4	347.68	3/4		3/4		3/4		3/4		3/4	
9	1,788.04	9	1,425.11	9	1,063.50	9	701.64	9	340.27	9		9		9		9		9	
1/4	1,780.48	1/4	1,417.55	1/4	1,055.99	1/4	694.08	1/4	332.86	1/4		1/4		1/4		1/4		1/4	
1/2	1,772.92	1/2	1,409.98	1/2	1,048.48	1/2	686.52	1/2	325.44	1/2		1/2		1/2		1/2		1/2	
3/4	1,765.36	3/4	1,402.42	3/4	1,040.97	3/4	678.95	3/4	318.03	3/4		3/4		3/4		3/4		3/4	
10	1,757.80	10	1,394.86	10	1,033.46	10	671.39	10	310.62	10		10		10		10		10	
1/4	1,750.23	1/4	1,387.30	1/4	1,025.95	1/4	663.83	1/4	303.20	1/4		1/4		1/4		1/4		1/4	
1/2	1,742.67	1/2	1,379.74	1/2	1,018.44	1/2	656.27	1/2	295.79	1/2		1/2		1/2		1/2		1/2	
3/4	1,735.11	3/4	1,372.18	3/4	1,010.93	3/4	648.71	3/4	288.38	3/4		3/4		3/4		3/4		3/4	
11	1,727.55	11	1,364.62	11	1,003.42	11	641.15	11	280.97	11		11		11		11		11	
1/4	1,719.99	1/4	1,357.06	1/4	995.91	1/4	633.59	1/4	273.55	1/4		1/4		1/4		1/4		1/4	
1/2	1,712.43	1/2	1,349.50	1/2	988.40	1/2	626.03	1/2	266.14	1/2		1/2		1/2		1/2		1/2	
3/4	1,704.87	3/4	1,341.93	3/4	980.89	3/4	618.47	3/4	258.73	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/08/2019 SW  
CALCULATED: 01/08/2019 CL  
PRINTED: 01/11/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2019

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



# BARGE "DBL 308"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,915.04	0	4,581.15	0	4,228.13	0	3,866.33	0	3,504.51	0	3,142.69	0	2,780.87	0	2,418.98
1/4		1/4		1/4	4,908.29	1/4	4,573.98	1/4	4,220.60	1/4	3,858.79	1/4	3,496.97	1/4	3,135.16	1/4	2,773.34	1/4	2,411.44
1/2		1/2		1/2	5,233.64	1/2	4,901.53	1/2	4,566.82	1/2	4,213.08	1/2	3,851.26	1/2	3,489.44	1/2	3,127.62	1/2	2,765.80
3/4		3/4		3/4	5,228.53	3/4	4,894.74	3/4	4,559.62	3/4	4,205.54	3/4	3,843.72	3/4	3,481.90	3/4	3,120.08	3/4	2,758.26
1		1		1	5,223.42	1	4,887.96	1	4,552.43	1	4,198.00	1	3,836.18	1	3,474.36	1	3,112.54	1	2,750.72
1/4		1/4		1/4	5,218.32	1/4	4,881.17	1/4	4,545.23	1/4	4,190.46	1/4	3,828.64	1/4	3,466.82	1/4	3,105.00	1/4	2,743.18
1/2		1/2		1/2	5,213.21	1/2	4,874.38	1/2	4,538.04	1/2	4,182.92	1/2	3,821.10	1/2	3,459.29	1/2	3,097.47	1/2	2,735.65
3/4		3/4		3/4	5,206.89	3/4	4,867.57	3/4	4,530.81	3/4	4,175.39	3/4	3,813.57	3/4	3,451.75	3/4	3,089.93	3/4	2,728.11
2		2		2	5,200.57	2	4,860.75	2	4,523.58	2	4,167.85	2	3,806.03	2	3,444.21	2	3,082.39	2	2,720.57
1/4		1/4		1/4	5,194.25	1/4	4,853.93	1/4	4,516.35	1/4	4,160.31	1/4	3,798.49	1/4	3,436.67	1/4	3,074.85	1/4	2,713.03
1/2		1/2		1/2	5,187.93	1/2	4,847.11	1/2	4,509.12	1/2	4,152.77	1/2	3,790.95	1/2	3,429.13	1/2	3,067.31	1/2	2,705.50
3/4		3/4		3/4	5,180.63	3/4	4,840.27	3/4	4,501.86	3/4	4,145.23	3/4	3,783.41	3/4	3,421.60	3/4	3,059.78	3/4	2,697.96
3		3		3	5,173.32	3	4,833.42	3	4,494.60	3	4,137.70	3	3,775.88	3	3,414.06	3	3,052.24	3	2,690.42
1/4		1/4		1/4	5,166.02	1/4	4,826.57	1/4	4,487.34	1/4	4,130.16	1/4	3,768.34	1/4	3,406.52	1/4	3,044.70	1/4	2,682.88
1/2		1/2		1/2	5,158.72	1/2	4,819.72	1/2	4,480.08	1/2	4,122.62	1/2	3,760.80	1/2	3,398.98	1/2	3,037.16	1/2	2,675.34
3/4		3/4		3/4	5,151.28	3/4	4,812.84	3/4	4,472.79	3/4	4,115.08	3/4	3,753.26	3/4	3,391.44	3/4	3,029.62	3/4	2,667.81
4		4		4	5,143.84	4	4,805.96	4	4,465.50	4	4,107.54	4	3,745.73	4	3,383.91	4	3,022.09	4	2,660.27
1/4		1/4		1/4	5,136.40	1/4	4,799.08	1/4	4,458.21	1/4	4,100.01	1/4	3,738.19	1/4	3,376.37	1/4	3,014.55	1/4	2,652.73
1/2		1/2		1/2	5,128.96	1/2	4,792.20	1/2	4,450.92	1/2	4,092.47	1/2	3,730.65	1/2	3,368.83	1/2	3,007.01	1/2	2,645.19
3/4		3/4		3/4	5,121.52	3/4	4,785.28	3/4	4,443.59	3/4	4,084.93	3/4	3,723.11	3/4	3,361.29	3/4	2,999.47	3/4	2,637.65
5		5		5	5,114.08	5	4,778.37	5	4,436.27	5	4,077.39	5	3,715.57	5	3,353.75	5	2,991.94	5	2,630.12
1/4		1/4		1/4	5,106.64	1/4	4,771.45	1/4	4,428.95	1/4	4,069.86	1/4	3,708.04	1/4	3,346.22	1/4	2,984.40	1/4	2,622.58
1/2		1/2		1/2	5,099.20	1/2	4,764.54	1/2	4,421.62	1/2	4,062.32	1/2	3,700.50	1/2	3,338.68	1/2	2,976.86	1/2	2,615.04
3/4		3/4		3/4	5,091.76	3/4	4,757.60	3/4	4,414.26	3/4	4,054.78	3/4	3,692.96	3/4	3,331.14	3/4	2,969.32	3/4	2,607.50
6		6		6	5,084.32	6	4,750.65	6	4,406.91	6	4,047.24	6	3,685.42	6	3,323.60	6	2,961.78	6	2,599.96
1/4		1/4		1/4	5,076.89	1/4	4,743.71	1/4	4,399.55	1/4	4,039.70	1/4	3,677.88	1/4	3,316.07	1/4	2,954.25	1/4	2,592.42
1/2		1/2		1/2	5,069.45	1/2	4,736.76	1/2	4,392.19	1/2	4,032.17	1/2	3,670.35	1/2	3,308.53	1/2	2,946.71	1/2	2,584.88
3/4		3/4		3/4	5,062.01	3/4	4,729.78	3/4	4,384.80	3/4	4,024.63	3/4	3,662.81	3/4	3,300.99	3/4	2,939.17	3/4	2,577.34
7		7		7	5,054.57	7	4,722.80	7	4,377.42	7	4,017.09	7	3,655.27	7	3,293.45	7	2,931.63	7	2,569.80
1/4		1/4		1/4	5,047.13	1/4	4,715.82	1/4	4,370.03	1/4	4,009.55	1/4	3,647.73	1/4	3,285.91	1/4	2,924.09	1/4	2,562.26
1/2		1/2		1/2	5,039.69	1/2	4,708.85	1/2	4,362.64	1/2	4,002.01	1/2	3,640.19	1/2	3,278.38	1/2	2,916.56	1/2	2,554.71
3/4		3/4		3/4	5,032.30	3/4	4,701.81	3/4	4,355.22	3/4	3,994.48	3/4	3,632.66	3/4	3,270.84	3/4	2,909.02	3/4	2,547.17
8		8		8	5,024.91	8	4,694.77	8	4,347.81	8	3,986.94	8	3,625.12	8	3,263.30	8	2,901.48	8	2,539.63
1/4		1/4		1/4	5,017.53	1/4	4,687.73	1/4	4,340.39	1/4	3,979.40	1/4	3,617.58	1/4	3,255.76	1/4	2,893.94	1/4	2,532.09
1/2		1/2		1/2	5,010.14	1/2	4,680.69	1/2	4,332.97	1/2	3,971.86	1/2	3,610.04	1/2	3,248.22	1/2	2,886.40	1/2	2,524.55
3/4		3/4		3/4	5,003.16	3/4	4,673.62	3/4	4,325.52	3/4	3,964.32	3/4	3,602.51	3/4	3,240.69	3/4	2,878.87	3/4	2,517.01
9		9		9	4,996.18	9	4,666.55	9	4,318.07	9	3,956.79	9	3,594.97	9	3,233.15	9	2,871.33	9	2,509.47
1/4		1/4		1/4	4,989.20	1/4	4,659.48	1/4	4,310.63	1/4	3,949.25	1/4	3,587.43	1/4	3,225.61	1/4	2,863.79	1/4	2,501.93
1/2		1/2		1/2	4,982.22	1/2	4,652.40	1/2	4,303.18	1/2	3,941.71	1/2	3,579.89	1/2	3,218.07	1/2	2,856.25	1/2	2,494.39
3/4		3/4		3/4	4,975.53	3/4	4,645.30	3/4	4,295.69	3/4	3,934.17	3/4	3,572.35	3/4	3,210.53	3/4	2,848.72	3/4	2,486.85
10		10		10	4,968.84	10	4,638.20	10	4,288.21	10	3,926.63	10	3,564.82	10	3,203.00	10	2,841.18	10	2,479.31
1/4		1/4		1/4	4,962.15	1/4	4,631.10	1/4	4,280.73	1/4	3,919.10	1/4	3,557.28	1/4	3,195.46	1/4	2,833.64	1/4	2,471.77
1/2		1/2		1/2	4,955.46	1/2	4,624.00	1/2	4,273.25	1/2	3,911.56	1/2	3,549.74	1/2	3,187.92	1/2	2,826.10	1/2	2,464.23
3/4		3/4		3/4	4,948.73	3/4	4,616.87	3/4	4,265.73	3/4	3,904.02	3/4	3,542.20	3/4	3,180.38	3/4	2,818.56	3/4	2,456.69
11		11		11	4,942.01	11	4,609.73	11	4,258.22	11	3,896.48	11	3,534.66	11	3,172.85	11	2,811.03	11	2,449.15
1/4		1/4		1/4	4,935.28	1/4	4,602.60	1/4	4,250.71	1/4	3,888.95	1/4	3,527.13	1/4	3,165.31	1/4	2,803.49	1/4	2,441.61
1/2		1/2		1/2	4,928.56	1/2	4,595.47	1/2	4,243.19	1/2	3,881.41	1/2	3,519.59	1/2	3,157.77	1/2	2,795.95	1/2	2,434.07
3/4		3/4		3/4	4,921.80	3/4	4,588.31	3/4	4,235.66	3/4	3,873.87	3/4	3,512.05	3/4	3,150.23	3/4	2,788.41	3/4	2,426.52

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 ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.

GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "DBL 308"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

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	2,057.04	0	1,695.09	0	1,333.14	0	971.61	0	609.74	0	251.13	0		0	0	0	0	0	
1/4	2,049.49	1/4	1,687.55	1/4	1,325.60	1/4	964.08	1/4	602.20	1/4	243.74	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	2,041.95	1/2	1,680.01	1/2	1,318.06	1/2	956.56	1/2	594.66	1/2	236.35	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	2,034.41	3/4	1,672.46	3/4	1,310.52	3/4	949.03	3/4	587.12	3/4	228.96	3/4		3/4	3/4	3/4	3/4	3/4	
1	2,026.87	1	1,664.92	1	1,302.98	1	941.50	1	579.58	1	221.56	1		1	1	1	1	1	
1/4	2,019.33	1/4	1,657.38	1/4	1,295.43	1/4	933.97	1/4	572.04	1/4	214.17	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	2,011.79	1/2	1,649.84	1/2	1,287.89	1/2	926.44	1/2	564.50	1/2	206.78	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	2,004.25	3/4	1,642.30	3/4	1,280.35	3/4	918.90	3/4	556.96	3/4	199.37	3/4		3/4	3/4	3/4	3/4	3/4	
2	1,996.71	2	1,634.76	2	1,272.81	2	911.36	2	549.42	2	191.96	2		2	2	2	2	2	
1/4	1,989.17	1/4	1,627.22	1/4	1,265.27	1/4	903.82	1/4	541.88	1/4	184.55	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,981.63	1/2	1,619.68	1/2	1,257.73	1/2	896.28	1/2	534.34	1/2	177.14	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,974.09	3/4	1,612.14	3/4	1,250.19	3/4	888.74	3/4	526.80	3/4	169.62	3/4		3/4	3/4	3/4	3/4	3/4	
3	1,966.55	3	1,604.60	3	1,242.65	3	881.20	3	519.26	3	162.09	3		3	3	3	3	3	
1/4	1,959.01	1/4	1,597.06	1/4	1,235.12	1/4	873.65	1/4	511.72	1/4	154.57	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,951.47	1/2	1,589.52	1/2	1,227.58	1/2	866.11	1/2	504.18	1/2	147.04	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,943.93	3/4	1,581.98	3/4	1,220.05	3/4	858.57	3/4	496.64	3/4	139.51	3/4		3/4	3/4	3/4	3/4	3/4	
4	1,936.39	4	1,574.44	4	1,212.52	4	851.03	4	489.10	4	131.99	4		4	4	4	4	4	
1/4	1,928.85	1/4	1,566.90	1/4	1,204.99	1/4	843.49	1/4	481.56	1/4	124.46	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,921.30	1/2	1,559.36	1/2	1,197.46	1/2	835.95	1/2	474.02	1/2	116.94	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,913.76	3/4	1,551.82	3/4	1,189.94	3/4	828.41	3/4	466.48	3/4	109.49	3/4		3/4	3/4	3/4	3/4	3/4	
5	1,906.22	5	1,544.27	5	1,182.41	5	820.87	5	458.94	5	102.04	5		5	5	5	5	5	
1/4	1,898.68	1/4	1,536.73	1/4	1,174.88	1/4	813.33	1/4	451.40	1/4	94.60	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,891.14	1/2	1,529.19	1/2	1,167.35	1/2	805.79	1/2	443.86	1/2	87.15	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,883.60	3/4	1,521.65	3/4	1,159.82	3/4	798.25	3/4	436.34	3/4	80.41	3/4		3/4	3/4	3/4	3/4	3/4	
6	1,876.06	6	1,514.11	6	1,152.29	6	790.71	6	428.81	6	73.67	6		6	6	6	6	6	
1/4	1,868.52	1/4	1,506.57	1/4	1,144.77	1/4	783.17	1/4	421.29	1/4	66.93	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,860.98	1/2	1,499.03	1/2	1,137.24	1/2	775.63	1/2	413.77	1/2	60.19	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,853.44	3/4	1,491.49	3/4	1,129.71	3/4	768.09	3/4	406.38	3/4	54.71	3/4		3/4	3/4	3/4	3/4	3/4	
7	1,845.90	7	1,483.95	7	1,122.18	7	760.55	7	398.98	7	49.23	7		7	7	7	7	7	
1/4	1,838.36	1/4	1,476.41	1/4	1,114.65	1/4	753.01	1/4	391.59	1/4	43.74	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,830.82	1/2	1,468.87	1/2	1,107.12	1/2	745.47	1/2	384.20	1/2	38.26	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,823.28	3/4	1,461.33	3/4	1,099.60	3/4	737.93	3/4	376.81	3/4	34.03	3/4		3/4	3/4	3/4	3/4	3/4	
8	1,815.74	8	1,453.79	8	1,092.07	8	730.39	8	369.41	8	29.81	8		8	8	8	8	8	
1/4	1,808.20	1/4	1,446.25	1/4	1,084.54	1/4	722.85	1/4	362.02	1/4	25.58	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,800.65	1/2	1,438.71	1/2	1,077.01	1/2	715.31	1/2	354.63	1/2	21.35	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,793.11	3/4	1,431.17	3/4	1,069.48	3/4	707.77	3/4	347.24	3/4		3/4		3/4	3/4	3/4	3/4	3/4	
9	1,785.57	9	1,423.62	9	1,061.95	9	700.23	9	339.84	9		9		9	9	9	9	9	
1/4	1,778.03	1/4	1,416.08	1/4	1,054.42	1/4	692.69	1/4	332.45	1/4		1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,770.49	1/2	1,408.54	1/2	1,046.90	1/2	685.15	1/2	325.06	1/2		1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,762.95	3/4	1,401.00	3/4	1,039.37	3/4	677.61	3/4	317.67	3/4		3/4		3/4	3/4	3/4	3/4	3/4	
10	1,755.41	10	1,393.46	10	1,031.84	10	670.07	10	310.27	10		10		10	10	10	10	10	
1/4	1,747.87	1/4	1,385.92	1/4	1,024.31	1/4	662.53	1/4	302.88	1/4		1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,740.33	1/2	1,378.38	1/2	1,016.78	1/2	654.99	1/2	295.49	1/2		1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,732.79	3/4	1,370.84	3/4	1,009.25	3/4	647.45	3/4	288.10	3/4		3/4		3/4	3/4	3/4	3/4	3/4	
11	1,725.25	11	1,363.30	11	1,001.73	11	639.91	11	280.70	11		11		11	11	11	11	11	
1/4	1,717.71	1/4	1,355.76	1/4	994.20	1/4	632.37	1/4	273.31	1/4		1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,710.17	1/2	1,348.22	1/2	986.67	1/2	624.82	1/2	265.92	1/2		1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,702.63	3/4	1,340.68	3/4	979.14	3/4	617.28	3/4	258.53	3/4		3/4		3/4	3/4	3/4	3/4	3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/08/2019 SW  
CALCULATED: 01/08/2019 CL  
PRINTED: 01/11/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2019

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



# BARGE "DBL 308"

## 2 STBD

## ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,898.62	0	4,564.64	0	4,211.53	0	3,849.63	0	3,487.73	0	3,125.83	0	2,763.96	0	2,403.66
1/4		1/4		1/4	4,891.87	1/4	4,557.47	1/4	4,203.99	1/4	3,842.09	1/4	3,480.19	1/4	3,118.29	1/4	2,756.43	1/4	2,396.12
1/2		1/2		1/2	5,217.30	1/2	4,885.11	1/2	4,550.31	1/2	4,196.46	1/2	3,834.56	1/2	3,472.65	1/2	3,110.75	1/2	2,748.91
3/4		3/4		3/4	5,212.19	3/4	4,878.32	3/4	4,543.11	3/4	4,188.92	3/4	3,827.02	3/4	3,465.11	3/4	3,103.21	3/4	2,741.47
1		1		1	5,207.08	1	4,871.53	1	4,535.91	1	4,181.38	1	3,819.48	1	3,457.58	1	3,095.67	1	2,734.04
1/4		1/4		1/4	5,201.97	1/4	4,864.74	1/4	4,528.72	1/4	4,173.84	1/4	3,811.94	1/4	3,450.04	1/4	3,088.13	1/4	2,726.61
1/2		1/2		1/2	5,196.86	1/2	4,857.95	1/2	4,521.52	1/2	4,166.30	1/2	3,804.40	1/2	3,442.50	1/2	3,080.60	1/2	2,719.17
3/4		3/4		3/4	5,190.54	3/4	4,851.13	3/4	4,514.29	3/4	4,158.76	3/4	3,796.86	3/4	3,434.96	3/4	3,073.06	3/4	2,711.74
2		2		2	5,184.22	2	4,844.32	2	4,507.05	2	4,151.22	2	3,789.32	2	3,427.42	2	3,065.52	2	2,704.31
1/4		1/4		1/4	5,177.90	1/4	4,837.50	1/4	4,499.82	1/4	4,143.68	1/4	3,781.78	1/4	3,419.88	1/4	3,057.98	1/4	2,696.87
1/2		1/2		1/2	5,171.58	1/2	4,830.68	1/2	4,492.59	1/2	4,136.14	1/2	3,774.24	1/2	3,412.34	1/2	3,050.44	1/2	2,689.44
3/4		3/4		3/4	5,164.28	3/4	4,823.83	3/4	4,485.33	3/4	4,128.60	3/4	3,766.70	3/4	3,404.80	3/4	3,042.90	3/4	2,682.01
3		3		3	5,156.97	3	4,816.98	3	4,478.07	3	4,121.06	3	3,759.16	3	3,397.26	3	3,035.36	3	2,674.57
1/4		1/4		1/4	5,149.67	1/4	4,810.13	1/4	4,470.81	1/4	4,113.52	1/4	3,751.62	1/4	3,389.72	1/4	3,027.82	1/4	2,667.14
1/2		1/2		1/2	5,142.36	1/2	4,803.28	1/2	4,463.55	1/2	4,105.98	1/2	3,744.08	1/2	3,382.18	1/2	3,020.28	1/2	2,659.71
3/4		3/4		3/4	5,134.92	3/4	4,796.40	3/4	4,456.25	3/4	4,098.44	3/4	3,736.54	3/4	3,374.64	3/4	3,012.74	3/4	2,652.26
4		4		4	5,127.48	4	4,789.51	4	4,448.96	4	4,090.90	4	3,729.00	4	3,367.10	4	3,005.20	4	2,644.82
1/4		1/4		1/4	5,120.04	1/4	4,782.63	1/4	4,441.67	1/4	4,083.36	1/4	3,721.46	1/4	3,359.56	1/4	2,997.66	1/4	2,637.37
1/2		1/2		1/2	5,112.60	1/2	4,775.75	1/2	4,434.38	1/2	4,075.82	1/2	3,713.92	1/2	3,352.02	1/2	2,990.12	1/2	2,629.92
3/4		3/4		3/4	5,105.16	3/4	4,768.83	3/4	4,427.05	3/4	4,068.28	3/4	3,706.38	3/4	3,344.48	3/4	2,982.58	3/4	2,622.38
5		5		5	5,097.72	5	4,761.91	5	4,419.73	5	4,060.74	5	3,698.84	5	3,336.94	5	2,975.04	5	2,614.84
1/4		1/4		1/4	5,090.28	1/4	4,755.00	1/4	4,412.40	1/4	4,053.20	1/4	3,691.30	1/4	3,329.40	1/4	2,967.50	1/4	2,607.30
1/2		1/2		1/2	5,082.83	1/2	4,748.08	1/2	4,405.07	1/2	4,045.66	1/2	3,683.76	1/2	3,321.86	1/2	2,959.96	1/2	2,599.76
3/4		3/4		3/4	5,075.39	3/4	4,741.13	3/4	4,397.71	3/4	4,038.12	3/4	3,676.22	3/4	3,314.32	3/4	2,952.42	3/4	2,592.22
6		6		6	5,067.95	6	4,734.19	6	4,390.35	6	4,030.58	6	3,668.68	6	3,306.78	6	2,944.88	6	2,584.68
1/4		1/4		1/4	5,060.51	1/4	4,727.24	1/4	4,382.99	1/4	4,023.05	1/4	3,661.14	1/4	3,299.24	1/4	2,937.34	1/4	2,577.14
1/2		1/2		1/2	5,053.07	1/2	4,720.29	1/2	4,375.64	1/2	4,015.51	1/2	3,653.60	1/2	3,291.70	1/2	2,929.80	1/2	2,569.59
3/4		3/4		3/4	5,045.63	3/4	4,713.31	3/4	4,368.25	3/4	4,007.97	3/4	3,646.07	3/4	3,284.16	3/4	2,922.26	3/4	2,562.05
7		7		7	5,038.19	7	4,706.33	7	4,360.86	7	4,000.43	7	3,638.53	7	3,276.62	7	2,914.72	7	2,554.51
1/4		1/4		1/4	5,030.75	1/4	4,699.35	1/4	4,353.47	1/4	3,992.89	1/4	3,630.99	1/4	3,269.09	1/4	2,907.18	1/4	2,546.97
1/2		1/2		1/2	5,023.30	1/2	4,692.37	1/2	4,346.08	1/2	3,985.35	1/2	3,623.45	1/2	3,261.55	1/2	2,899.64	1/2	2,539.42
3/4		3/4		3/4	5,015.92	3/4	4,685.33	3/4	4,338.66	3/4	3,977.81	3/4	3,615.91	3/4	3,254.01	3/4	2,892.11	3/4	2,531.88
8		8		8	5,008.53	8	4,678.29	8	4,331.24	8	3,970.27	8	3,608.37	8	3,246.47	8	2,884.57	8	2,524.34
1/4		1/4		1/4	5,001.14	1/4	4,671.25	1/4	4,323.82	1/4	3,962.73	1/4	3,600.83	1/4	3,238.93	1/4	2,877.03	1/4	2,516.80
1/2		1/2		1/2	4,993.75	1/2	4,664.21	1/2	4,316.40	1/2	3,955.19	1/2	3,593.29	1/2	3,231.39	1/2	2,869.49	1/2	2,509.25
3/4		3/4		3/4	4,986.77	3/4	4,657.14	3/4	4,308.95	3/4	3,947.65	3/4	3,585.75	3/4	3,223.85	3/4	2,861.95	3/4	2,501.71
9		9		9	4,979.79	9	4,650.06	9	4,301.50	9	3,940.11	9	3,578.21	9	3,216.31	9	2,854.41	9	2,494.17
1/4		1/4		1/4	4,972.81	1/4	4,642.99	1/4	4,294.05	1/4	3,932.57	1/4	3,570.67	1/4	3,208.77	1/4	2,846.87	1/4	2,486.63
1/2		1/2		1/2	4,965.83	1/2	4,635.92	1/2	4,286.60	1/2	3,925.03	1/2	3,563.13	1/2	3,201.23	1/2	2,839.33	1/2	2,479.08
3/4		3/4		3/4	4,959.13	3/4	4,628.81	3/4	4,279.12	3/4	3,917.49	3/4	3,555.59	3/4	3,193.69	3/4	2,831.79	3/4	2,471.54
10		10		10	4,952.44	10	4,621.71	10	4,271.63	10	3,909.95	10	3,548.05	10	3,186.15	10	2,824.25	10	2,464.00
1/4		1/4		1/4	4,945.75	1/4	4,614.61	1/4	4,264.15	1/4	3,902.41	1/4	3,540.51	1/4	3,178.61	1/4	2,816.71	1/4	2,456.46
1/2		1/2		1/2	4,939.05	1/2	4,607.50	1/2	4,256.66	1/2	3,894.87	1/2	3,532.97	1/2	3,171.07	1/2	2,809.17	1/2	2,448.91
3/4		3/4		3/4	4,932.32	3/4	4,600.37	3/4	4,249.15	3/4	3,887.33	3/4	3,525.43	3/4	3,163.53	3/4	2,801.63	3/4	2,441.37
11		11		11	4,925.60	11	4,593.23	11	4,241.63	11	3,879.79	11	3,517.89	11	3,155.99	11	2,794.09	11	2,433.83
1/4		1/4		1/4	4,918.87	1/4	4,586.10	1/4	4,234.12	1/4	3,872.25	1/4	3,510.35	1/4	3,148.45	1/4	2,786.55	1/4	2,426.29
1/2		1/2		1/2	4,912.14	1/2	4,578.97	1/2	4,226.60	1/2	3,864.71	1/2	3,502.81	1/2	3,140.91	1/2	2,779.01	1/2	2,418.74
3/4		3/4		3/4	4,905.38	3/4	4,571.80	3/4	4,219.06	3/4	3,857.17	3/4	3,495.27	3/4	3,133.37	3/4	2,771.48	3/4	2,411.20

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 ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.

GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT & ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "DBL 308"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

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	2,041.62	0	1,679.59	0	1,317.55	0	968.70	0	609.89	0	251.19	0		0		0		0	
1/4	2,034.08	1/4	1,672.05	1/4	1,310.01	1/4	961.50	1/4	602.35	1/4	243.80	1/4		1/4		1/4		1/4	
1/2	2,026.54	1/2	1,664.50	1/2	1,302.47	1/2	954.30	1/2	594.81	1/2	236.40	1/2		1/2		1/2		1/2	
3/4	2,019.00	3/4	1,656.96	3/4	1,294.93	3/4	947.10	3/4	587.26	3/4	229.01	3/4		3/4		3/4		3/4	
1	2,011.46	1	1,649.42	1	1,287.38	1	939.90	1	579.72	1	221.62	1		1		1		1	
1/4	2,003.91	1/4	1,641.88	1/4	1,279.84	1/4	932.70	1/4	572.18	1/4	214.22	1/4		1/4		1/4		1/4	
1/2	1,996.37	1/2	1,634.34	1/2	1,272.30	1/2	925.50	1/2	564.64	1/2	206.83	1/2		1/2		1/2		1/2	
3/4	1,988.83	3/4	1,626.79	3/4	1,264.80	3/4	918.25	3/4	557.10	3/4	199.42	3/4		3/4		3/4		3/4	
2	1,981.29	2	1,619.25	2	1,257.30	2	910.99	2	549.55	2	192.00	2		2		2		2	
1/4	1,973.74	1/4	1,611.71	1/4	1,249.80	1/4	903.74	1/4	542.01	1/4	184.59	1/4		1/4		1/4		1/4	
1/2	1,966.20	1/2	1,604.17	1/2	1,242.30	1/2	896.49	1/2	534.47	1/2	177.18	1/2		1/2		1/2		1/2	
3/4	1,958.66	3/4	1,596.62	3/4	1,235.09	3/4	888.95	3/4	526.93	3/4	169.66	3/4		3/4		3/4		3/4	
3	1,951.12	3	1,589.08	3	1,227.88	3	881.41	3	519.38	3	162.13	3		3		3		3	
1/4	1,943.57	1/4	1,581.54	1/4	1,220.67	1/4	873.86	1/4	511.84	1/4	154.60	1/4		1/4		1/4		1/4	
1/2	1,936.03	1/2	1,574.00	1/2	1,213.46	1/2	866.32	1/2	504.30	1/2	147.07	1/2		1/2		1/2		1/2	
3/4	1,928.49	3/4	1,566.45	3/4	1,206.26	3/4	858.78	3/4	496.76	3/4	139.55	3/4		3/4		3/4		3/4	
4	1,920.95	4	1,558.91	4	1,199.06	4	851.24	4	489.22	4	132.02	4		4		4		4	
1/4	1,913.40	1/4	1,551.37	1/4	1,191.86	1/4	843.70	1/4	481.67	1/4	124.49	1/4		1/4		1/4		1/4	
1/2	1,905.86	1/2	1,543.83	1/2	1,184.66	1/2	836.15	1/2	474.13	1/2	116.96	1/2		1/2		1/2		1/2	
3/4	1,898.32	3/4	1,536.28	3/4	1,177.46	3/4	828.61	3/4	466.59	3/4	109.52	3/4		3/4		3/4		3/4	
5	1,890.78	5	1,528.74	5	1,170.26	5	821.07	5	459.05	5	102.07	5		5		5		5	
1/4	1,883.23	1/4	1,521.20	1/4	1,163.07	1/4	813.53	1/4	451.51	1/4	94.62	1/4		1/4		1/4		1/4	
1/2	1,875.69	1/2	1,513.66	1/2	1,155.87	1/2	805.98	1/2	443.96	1/2	87.17	1/2		1/2		1/2		1/2	
3/4	1,868.15	3/4	1,506.11	3/4	1,148.67	3/4	798.44	3/4	436.44	3/4	80.43	3/4		3/4		3/4		3/4	
6	1,860.61	6	1,498.57	6	1,141.47	6	790.90	6	428.92	6	73.69	6		6		6		6	
1/4	1,853.06	1/4	1,491.03	1/4	1,134.27	1/4	783.36	1/4	421.39	1/4	66.95	1/4		1/4		1/4		1/4	
1/2	1,845.52	1/2	1,483.49	1/2	1,127.07	1/2	775.82	1/2	413.87	1/2	60.20	1/2		1/2		1/2		1/2	
3/4	1,837.98	3/4	1,475.94	3/4	1,119.87	3/4	768.27	3/4	406.48	3/4	54.72	3/4		3/4		3/4		3/4	
7	1,830.44	7	1,468.40	7	1,112.67	7	760.73	7	399.08	7	49.24	7		7		7		7	
1/4	1,822.90	1/4	1,460.86	1/4	1,105.48	1/4	753.19	1/4	391.69	1/4	43.75	1/4		1/4		1/4		1/4	
1/2	1,815.35	1/2	1,453.32	1/2	1,098.28	1/2	745.65	1/2	384.29	1/2	38.27	1/2		1/2		1/2		1/2	
3/4	1,807.81	3/4	1,445.78	3/4	1,091.08	3/4	738.11	3/4	376.90	3/4	34.04	3/4		3/4		3/4		3/4	
8	1,800.27	8	1,438.23	8	1,083.88	8	730.56	8	369.50	8	29.81	8		8		8		8	
1/4	1,792.73	1/4	1,430.69	1/4	1,076.68	1/4	723.02	1/4	362.11	1/4	25.58	1/4		1/4		1/4		1/4	
1/2	1,785.18	1/2	1,423.15	1/2	1,069.48	1/2	715.48	1/2	354.71	1/2	21.35	1/2		1/2		1/2		1/2	
3/4	1,777.64	3/4	1,415.61	3/4	1,062.28	3/4	707.94	3/4	347.32	3/4		3/4		3/4		3/4		3/4	
9	1,770.10	9	1,408.06	9	1,055.08	9	700.40	9	339.93	9		9		9		9		9	
1/4	1,762.56	1/4	1,400.52	1/4	1,047.88	1/4	692.85	1/4	332.53	1/4		1/4		1/4		1/4		1/4	
1/2	1,755.01	1/2	1,392.98	1/2	1,040.69	1/2	685.31	1/2	325.14	1/2		1/2		1/2		1/2		1/2	
3/4	1,747.47	3/4	1,385.44	3/4	1,033.49	3/4	677.77	3/4	317.74	3/4		3/4		3/4		3/4		3/4	
10	1,739.93	10	1,377.89	10	1,026.29	10	670.23	10	310.35	10		10		10		10		10	
1/4	1,732.39	1/4	1,370.35	1/4	1,019.09	1/4	662.68	1/4	302.95	1/4		1/4		1/4		1/4		1/4	
1/2	1,724.84	1/2	1,362.81	1/2	1,011.89	1/2	655.14	1/2	295.56	1/2		1/2		1/2		1/2		1/2	
3/4	1,717.30	3/4	1,355.27	3/4	1,004.69	3/4	647.60	3/4	288.17	3/4		3/4		3/4		3/4		3/4	
11	1,709.76	11	1,347.72	11	997.49	11	640.06	11	280.77	11		11		11		11		11	
1/4	1,702.22	1/4	1,340.18	1/4	990.29	1/4	632.52	1/4	273.38	1/4		1/4		1/4		1/4		1/4	
1/2	1,694.67	1/2	1,332.64	1/2	983.10	1/2	624.97	1/2	265.98	1/2		1/2		1/2		1/2		1/2	
3/4	1,687.13	3/4	1,325.10	3/4	975.90	3/4	617.43	3/4	258.59	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/08/2019 SW  
CALCULATED: 01/08/2019 CL  
PRINTED: 01/11/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2019

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





# BARGE "DBL 308"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,238.02	0	4,071.79	0	3,886.92	0	3,692.95	0	3,493.81	0	3,135.48	0	2,775.90	0	2,415.68
1/4		1/4		1/4	4,234.74	1/4	4,068.12	1/4	3,882.89	1/4	3,688.90	1/4	3,486.33	1/4	3,127.99	1/4	2,768.39	1/4	2,408.17
1/2		1/2		1/2	4,231.47	1/2	4,064.45	1/2	3,878.85	1/2	3,684.86	1/2	3,478.86	1/2	3,120.50	1/2	2,760.88	1/2	2,400.67
3/4		3/4		3/4	4,394.33	3/4	4,228.19	3/4	4,060.79	3/4	3,874.81	3/4	3,680.82	3/4	3,471.39	3/4	3,113.01	3/4	2,393.16
1		1		1	4,392.67	1	4,224.88	1	4,057.08	1	3,870.77	1	3,676.78	1	3,463.92	1	3,105.52	1	2,385.66
1/4		1/4		1/4	4,391.02	1/4	4,221.57	1/4	4,053.38	1/4	3,866.73	1/4	3,672.74	1/4	3,456.45	1/4	3,098.03	1/4	2,378.15
1/2		1/2		1/2	4,389.36	1/2	4,218.26	1/2	4,049.68	1/2	3,862.69	1/2	3,668.70	1/2	3,448.97	1/2	3,090.53	1/2	2,370.65
3/4		3/4		3/4	4,387.71	3/4	4,214.95	3/4	4,045.98	3/4	3,858.65	3/4	3,664.65	3/4	3,441.50	3/4	3,083.04	3/4	2,363.14
2		2		2	4,384.83	2	4,211.62	2	4,042.24	2	3,854.61	2	3,660.61	2	3,434.03	2	3,075.55	2	2,355.64
1/4		1/4		1/4	4,381.96	1/4	4,208.28	1/4	4,038.51	1/4	3,850.56	1/4	3,656.57	1/4	3,426.56	1/4	3,068.06	1/4	2,348.13
1/2		1/2		1/2	4,379.08	1/2	4,204.94	1/2	4,034.77	1/2	3,846.52	1/2	3,652.53	1/2	3,419.08	1/2	3,060.57	1/2	2,340.63
3/4		3/4		3/4	4,376.21	3/4	4,201.60	3/4	4,031.04	3/4	3,842.48	3/4	3,648.49	3/4	3,411.61	3/4	3,053.08	3/4	2,333.12
3		3		3	4,372.35	3	4,198.23	3	4,027.28	3	3,838.44	3	3,644.45	3	3,404.14	3	3,045.59	3	2,325.62
1/4		1/4		1/4	4,368.50	1/4	4,194.86	1/4	4,023.51	1/4	3,834.40	1/4	3,640.41	1/4	3,396.67	1/4	3,038.10	1/4	2,318.11
1/2		1/2		1/2	4,364.64	1/2	4,191.50	1/2	4,019.75	1/2	3,830.36	1/2	3,636.36	1/2	3,389.19	1/2	3,030.61	1/2	2,310.61
3/4		3/4		3/4	4,360.79	3/4	4,188.13	3/4	4,015.98	3/4	3,826.31	3/4	3,632.32	3/4	3,381.72	3/4	3,023.12	3/4	2,303.10
4		4		4	4,356.80	4	4,184.72	4	4,012.19	4	3,822.27	4	3,628.28	4	3,374.25	4	3,015.63	4	2,295.60
1/4		1/4		1/4	4,352.81	1/4	4,181.32	1/4	4,008.39	1/4	3,818.23	1/4	3,624.24	1/4	3,366.78	1/4	3,008.14	1/4	2,288.09
1/2		1/2		1/2	4,348.82	1/2	4,177.92	1/2	4,004.60	1/2	3,814.19	1/2	3,620.20	1/2	3,359.31	1/2	3,000.64	1/2	2,280.59
3/4		3/4		3/4	4,344.84	3/4	4,174.52	3/4	4,000.80	3/4	3,810.15	3/4	3,616.16	3/4	3,351.83	3/4	2,993.15	3/4	2,273.08
5		5		5	4,340.85	5	4,171.08	5	3,996.97	5	3,806.11	5	3,612.12	5	3,344.36	5	2,985.66	5	2,265.58
1/4		1/4		1/4	4,336.86	1/4	4,167.65	1/4	3,993.14	1/4	3,802.07	1/4	3,608.07	1/4	3,336.89	1/4	2,978.17	1/4	2,258.07
1/2		1/2		1/2	4,332.87	1/2	4,164.21	1/2	3,989.32	1/2	3,798.02	1/2	3,604.03	1/2	3,329.42	1/2	2,970.68	1/2	2,250.57
3/4		3/4		3/4	4,328.88	3/4	4,160.77	3/4	3,985.49	3/4	3,793.98	3/4	3,599.99	3/4	3,321.95	3/4	2,963.19	3/4	2,243.06
6		6		6	4,324.89	6	4,157.31	6	3,981.62	6	3,789.94	6	3,595.95	6	3,314.49	6	2,955.70	6	2,235.55
1/4		1/4		1/4	4,320.90	1/4	4,153.84	1/4	3,977.76	1/4	3,785.90	1/4	3,591.91	1/4	3,307.04	1/4	2,948.21	1/4	2,228.05
1/2		1/2		1/2	4,316.92	1/2	4,150.38	1/2	3,973.90	1/2	3,781.86	1/2	3,587.87	1/2	3,299.58	1/2	2,940.72	1/2	2,220.54
3/4		3/4		3/4	4,312.93	3/4	4,146.91	3/4	3,970.04	3/4	3,777.82	3/4	3,583.82	3/4	3,292.12	3/4	2,933.23	3/4	2,213.04
7		7		7	4,308.94	7	4,143.41	7	3,966.15	7	3,773.78	7	3,579.78	7	3,284.67	7	2,925.74	7	2,205.53
1/4		1/4		1/4	4,304.95	1/4	4,139.92	1/4	3,962.25	1/4	3,769.73	1/4	3,575.74	1/4	3,277.21	1/4	2,918.24	1/4	2,198.03
1/2		1/2		1/2	4,300.96	1/2	4,136.42	1/2	3,958.36	1/2	3,765.69	1/2	3,571.70	1/2	3,269.75	1/2	2,910.75	1/2	2,190.52
3/4		3/4		3/4	4,296.97	3/4	4,132.92	3/4	3,954.47	3/4	3,761.65	3/4	3,567.66	3/4	3,262.30	3/4	2,903.26	3/4	2,183.02
8		8		8	4,293.04	8	4,129.38	8	3,950.55	8	3,757.61	8	3,563.62	8	3,254.84	8	2,895.77	8	2,175.51
1/4		1/4		1/4	4,289.10	1/4	4,125.83	1/4	3,946.63	1/4	3,753.57	1/4	3,559.58	1/4	3,247.38	1/4	2,888.28	1/4	2,168.01
1/2		1/2		1/2	4,285.16	1/2	4,122.29	1/2	3,942.71	1/2	3,749.53	1/2	3,555.53	1/2	3,239.93	1/2	2,880.79	1/2	2,160.50
3/4		3/4		3/4	4,281.23	3/4	4,118.74	3/4	3,938.78	3/4	3,745.48	3/4	3,551.49	3/4	3,232.47	3/4	2,873.30	3/4	2,153.00
9		9		9	4,277.70	9	4,115.17	9	3,934.83	9	3,741.44	9	3,547.45	9	3,225.01	9	2,865.81	9	2,145.49
1/4		1/4		1/4	4,274.18	1/4	4,111.59	1/4	3,930.88	1/4	3,737.40	1/4	3,543.41	1/4	3,217.56	1/4	2,858.32	1/4	2,137.99
1/2		1/2		1/2	4,270.65	1/2	4,108.01	1/2	3,926.93	1/2	3,733.36	1/2	3,539.37	1/2	3,210.10	1/2	2,850.83	1/2	2,130.48
3/4		3/4		3/4	4,267.13	3/4	4,104.43	3/4	3,922.97	3/4	3,729.32	3/4	3,535.33	3/4	3,202.64	3/4	2,843.34	3/4	2,122.98
10		10		10	4,263.91	10	4,100.83	10	3,918.99	10	3,725.28	10	3,531.29	10	3,195.19	10	2,835.84	10	2,115.47
1/4		1/4		1/4	4,260.70	1/4	4,097.22	1/4	3,915.00	1/4	3,721.24	1/4	3,527.24	1/4	3,187.73	1/4	2,828.35	1/4	2,107.97
1/2		1/2		1/2	4,257.49	1/2	4,093.61	1/2	3,911.02	1/2	3,717.19	1/2	3,523.20	1/2	3,180.27	1/2	2,820.86	1/2	2,100.46
3/4		3/4		3/4	4,254.28	3/4	4,090.01	3/4	3,907.03	3/4	3,713.15	3/4	3,519.16	3/4	3,172.82	3/4	2,813.37	3/4	2,092.96
11		11		11	4,251.04	11	4,086.37	11	3,903.01	11	3,709.11	11	3,514.69	11	3,165.36	11	2,805.88	11	2,085.45
1/4		1/4		1/4	4,247.79	1/4	4,082.73	1/4	3,898.99	1/4	3,705.07	1/4	3,510.22	1/4	3,157.89	1/4	2,798.39	1/4	2,077.95
1/2		1/2		1/2	4,244.55	1/2	4,079.09	1/2	3,894.98	1/2	3,701.03	1/2	3,505.75	1/2	3,150.43	1/2	2,790.89	1/2	2,070.44
3/4		3/4		3/4	4,241.30	3/4	4,075.46	3/4	3,890.96	3/4	3,696.99	3/4	3,501.28	3/4	3,142.97	3/4	2,783.40	3/4	2,062.94

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 ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.

GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 55'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "DBL 308"

## 3 PORT ULLAGE 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	2,055.43	0	1,695.11	0	1,334.78	0	974.73	0	614.50	0	257.36	0		0		0		0	
1/4	2,047.93	1/4	1,687.60	1/4	1,327.27	1/4	967.24	1/4	607.00	1/4	250.00	1/4		1/4		1/4		1/4	
1/2	2,040.42	1/2	1,680.09	1/2	1,319.76	1/2	959.74	1/2	599.49	1/2	242.64	1/2		1/2		1/2		1/2	
3/4	2,032.92	3/4	1,672.59	3/4	1,312.25	3/4	952.24	3/4	591.98	3/4	235.29	3/4		3/4		3/4		3/4	
1	2,025.41	1	1,665.08	1	1,304.75	1	944.74	1	584.48	1	227.93	1		1		1		1	
1/4	2,017.90	1/4	1,657.57	1/4	1,297.24	1/4	937.25	1/4	576.97	1/4	220.57	1/4		1/4		1/4		1/4	
1/2	2,010.40	1/2	1,650.06	1/2	1,289.73	1/2	929.75	1/2	569.46	1/2	213.21	1/2		1/2		1/2		1/2	
3/4	2,002.89	3/4	1,642.56	3/4	1,282.23	3/4	922.25	3/4	561.96	3/4	205.85	3/4		3/4		3/4		3/4	
2	1,995.38	2	1,635.05	2	1,274.72	2	914.75	2	554.45	2	198.47	2		2		2		2	
1/4	1,987.88	1/4	1,627.54	1/4	1,267.21	1/4	907.25	1/4	546.94	1/4	191.10	1/4		1/4		1/4		1/4	
1/2	1,980.37	1/2	1,620.04	1/2	1,259.71	1/2	899.75	1/2	539.44	1/2	183.72	1/2		1/2		1/2		1/2	
3/4	1,972.86	3/4	1,612.53	3/4	1,252.20	3/4	892.25	3/4	531.93	3/4	176.35	3/4		3/4		3/4		3/4	
3	1,965.35	3	1,605.02	3	1,244.69	3	884.74	3	524.42	3	168.86	3		3		3		3	
1/4	1,957.85	1/4	1,597.52	1/4	1,237.19	1/4	877.23	1/4	516.92	1/4	161.36	1/4		1/4		1/4		1/4	
1/2	1,950.34	1/2	1,590.01	1/2	1,229.68	1/2	869.73	1/2	509.41	1/2	153.87	1/2		1/2		1/2		1/2	
3/4	1,942.83	3/4	1,582.50	3/4	1,222.17	3/4	862.22	3/4	501.90	3/4	146.38	3/4		3/4		3/4		3/4	
4	1,935.33	4	1,575.00	4	1,214.67	4	854.71	4	494.40	4	138.89	4		4		4		4	
1/4	1,927.82	1/4	1,567.49	1/4	1,207.17	1/4	847.21	1/4	486.89	1/4	131.40	1/4		1/4		1/4		1/4	
1/2	1,920.31	1/2	1,559.98	1/2	1,199.66	1/2	839.70	1/2	479.38	1/2	123.91	1/2		1/2		1/2		1/2	
3/4	1,912.81	3/4	1,552.48	3/4	1,192.16	3/4	832.19	3/4	471.88	3/4	116.41	3/4		3/4		3/4		3/4	
5	1,905.30	5	1,544.97	5	1,184.66	5	824.69	5	464.37	5	109.00	5		5		5		5	
1/4	1,897.79	1/4	1,537.46	1/4	1,177.16	1/4	817.18	1/4	456.86	1/4	101.59	1/4		1/4		1/4		1/4	
1/2	1,890.29	1/2	1,529.95	1/2	1,169.67	1/2	809.67	1/2	449.36	1/2	94.17	1/2		1/2		1/2		1/2	
3/4	1,882.78	3/4	1,522.45	3/4	1,162.17	3/4	802.17	3/4	441.85	3/4	86.76	3/4		3/4		3/4		3/4	
6	1,875.27	6	1,514.94	6	1,154.67	6	794.66	6	434.36	6	80.05	6		6		6		6	
1/4	1,867.77	1/4	1,507.43	1/4	1,147.17	1/4	787.15	1/4	426.87	1/4	73.34	1/4		1/4		1/4		1/4	
1/2	1,860.26	1/2	1,499.93	1/2	1,139.68	1/2	779.65	1/2	419.39	1/2	66.63	1/2		1/2		1/2		1/2	
3/4	1,852.75	3/4	1,492.42	3/4	1,132.18	3/4	772.14	3/4	411.90	3/4	59.92	3/4		3/4		3/4		3/4	
7	1,845.24	7	1,484.91	7	1,124.68	7	764.63	7	404.54	7	54.46	7		7		7		7	
1/4	1,837.74	1/4	1,477.41	1/4	1,117.19	1/4	757.13	1/4	397.18	1/4	49.00	1/4		1/4		1/4		1/4	
1/2	1,830.23	1/2	1,469.90	1/2	1,109.69	1/2	749.62	1/2	389.82	1/2	43.55	1/2		1/2		1/2		1/2	
3/4	1,822.72	3/4	1,462.39	3/4	1,102.19	3/4	742.11	3/4	382.46	3/4	38.09	3/4		3/4		3/4		3/4	
8	1,815.22	8	1,454.89	8	1,094.69	8	734.61	8	375.10	8	33.88	8		8		8		8	
1/4	1,807.71	1/4	1,447.38	1/4	1,087.20	1/4	727.10	1/4	367.75	1/4	29.67	1/4		1/4		1/4		1/4	
1/2	1,800.20	1/2	1,439.87	1/2	1,079.70	1/2	719.60	1/2	360.39	1/2	25.46	1/2		1/2		1/2		1/2	
3/4	1,792.70	3/4	1,432.36	3/4	1,072.20	3/4	712.09	3/4	353.03	3/4	21.26	3/4		3/4		3/4		3/4	
9	1,785.19	9	1,424.86	9	1,064.70	9	704.58	9	345.67	9		9		9		9		9	
1/4	1,777.68	1/4	1,417.35	1/4	1,057.21	1/4	697.08	1/4	338.31	1/4		1/4		1/4		1/4		1/4	
1/2	1,770.18	1/2	1,409.84	1/2	1,049.71	1/2	689.57	1/2	330.95	1/2		1/2		1/2		1/2		1/2	
3/4	1,762.67	3/4	1,402.34	3/4	1,042.21	3/4	682.06	3/4	323.59	3/4		3/4		3/4		3/4		3/4	
10	1,755.16	10	1,394.83	10	1,034.71	10	674.56	10	316.23	10		10		10		10		10	
1/4	1,747.65	1/4	1,387.32	1/4	1,027.22	1/4	667.05	1/4	308.87	1/4		1/4		1/4		1/4		1/4	
1/2	1,740.15	1/2	1,379.82	1/2	1,019.72	1/2	659.54	1/2	301.52	1/2		1/2		1/2		1/2		1/2	
3/4	1,732.64	3/4	1,372.31	3/4	1,012.22	3/4	652.04	3/4	294.16	3/4		3/4		3/4		3/4		3/4	
11	1,725.13	11	1,364.80	11	1,004.72	11	644.53	11	286.80	11		11		11		11		11	
1/4	1,717.63	1/4	1,357.30	1/4	997.23	1/4	637.02	1/4	279.44	1/4		1/4		1/4		1/4		1/4	
1/2	1,710.12	1/2	1,349.79	1/2	989.73	1/2	629.52	1/2	272.08	1/2		1/2		1/2		1/2		1/2	
3/4	1,702.61	3/4	1,342.28	3/4	982.23	3/4	622.01	3/4	264.72	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 101/08/2019 SW  
CALCULATED: 01/08/2019 CL  
PRINTED: 01/11/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2019

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



# BARGE "DBL 308"

## 3 STBD

## ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,207.99	0	4,042.49	0	3,858.36	0	3,665.12	0	3,466.72	0	3,109.16	0	2,750.52	0	2,392.76
1/4		1/4		1/4	4,204.72	1/4	4,038.83	1/4	3,854.34	1/4	3,661.10	1/4	3,459.27	1/4	3,101.68	1/4	2,743.05	1/4	2,385.27
1/2		1/2		1/2	4,201.46	1/2	4,035.18	1/2	3,850.32	1/2	3,657.07	1/2	3,451.81	1/2	3,094.21	1/2	2,735.57	1/2	2,377.78
3/4		3/4		3/4	4,363.60	3/4	4,198.20	3/4	4,031.53	3/4	3,846.30	3/4	3,653.04	3/4	3,444.35	3/4	3,086.73	3/4	2,370.29
1		1		1	4,361.96	1	4,194.90	1	4,027.84	1	3,842.27	1	3,649.02	1	3,436.90	1	3,079.26	1	2,362.80
1/4		1/4		1/4	4,360.32	1/4	4,191.61	1/4	4,024.16	1/4	3,838.24	1/4	3,644.99	1/4	3,429.44	1/4	3,071.78	1/4	2,355.31
1/2		1/2		1/2	4,358.68	1/2	4,188.32	1/2	4,020.47	1/2	3,834.22	1/2	3,640.96	1/2	3,421.98	1/2	3,064.31	1/2	2,347.82
3/4		3/4		3/4	4,357.04	3/4	4,185.02	3/4	4,016.79	3/4	3,830.19	3/4	3,636.94	3/4	3,414.53	3/4	3,056.84	3/4	2,340.33
2		2		2	4,354.18	2	4,181.70	2	4,013.07	2	3,826.17	2	3,632.91	2	3,407.07	2	3,049.37	2	2,332.84
1/4		1/4		1/4	4,351.32	1/4	4,178.38	1/4	4,009.35	1/4	3,822.14	1/4	3,628.89	1/4	3,399.62	1/4	3,041.90	1/4	2,325.35
1/2		1/2		1/2	4,348.46	1/2	4,175.06	1/2	4,005.63	1/2	3,818.11	1/2	3,624.86	1/2	3,392.16	1/2	3,034.43	1/2	2,317.86
3/4		3/4		3/4	4,345.60	3/4	4,171.73	3/4	4,001.91	3/4	3,814.09	3/4	3,620.83	3/4	3,384.70	3/4	3,026.97	3/4	2,310.37
3		3		3	4,341.76	3	4,168.38	3	3,998.16	3	3,810.06	3	3,616.81	3	3,377.25	3	3,019.50	3	2,302.89
1/4		1/4		1/4	4,337.92	1/4	4,165.03	1/4	3,994.41	1/4	3,806.03	1/4	3,612.78	1/4	3,369.79	1/4	3,012.03	1/4	2,295.40
1/2		1/2		1/2	4,334.08	1/2	4,161.67	1/2	3,990.66	1/2	3,802.01	1/2	3,608.76	1/2	3,362.33	1/2	3,004.56	1/2	2,287.91
3/4		3/4		3/4	4,330.25	3/4	4,158.32	3/4	3,986.91	3/4	3,797.98	3/4	3,604.73	3/4	3,354.88	3/4	2,997.09	3/4	2,280.42
4		4		4	4,326.27	4	4,154.93	4	3,983.13	4	3,793.96	4	3,600.70	4	3,347.42	4	2,989.63	4	2,272.93
1/4		1/4		1/4	4,322.30	1/4	4,151.54	1/4	3,979.35	1/4	3,789.93	1/4	3,596.68	1/4	3,339.96	1/4	2,982.16	1/4	2,265.44
1/2		1/2		1/2	4,318.33	1/2	4,148.16	1/2	3,975.57	1/2	3,785.90	1/2	3,592.65	1/2	3,332.51	1/2	2,974.69	1/2	2,257.95
3/4		3/4		3/4	4,314.35	3/4	4,144.77	3/4	3,971.79	3/4	3,781.88	3/4	3,588.63	3/4	3,325.05	3/4	2,967.22	3/4	2,250.46
5		5		5	4,310.38	5	4,141.35	5	3,967.98	5	3,777.85	5	3,584.60	5	3,317.60	5	2,959.76	5	2,242.97
1/4		1/4		1/4	4,306.41	1/4	4,137.93	1/4	3,964.17	1/4	3,773.83	1/4	3,580.57	1/4	3,310.14	1/4	2,952.29	1/4	2,235.48
1/2		1/2		1/2	4,302.43	1/2	4,134.51	1/2	3,960.35	1/2	3,769.80	1/2	3,576.55	1/2	3,302.69	1/2	2,944.82	1/2	2,227.99
3/4		3/4		3/4	4,298.46	3/4	4,131.09	3/4	3,956.54	3/4	3,765.77	3/4	3,572.52	3/4	3,295.23	3/4	2,937.35	3/4	2,220.50
6		6		6	4,294.49	6	4,127.64	6	3,952.69	6	3,761.75	6	3,568.49	6	3,287.79	6	2,929.89	6	2,213.01
1/4		1/4		1/4	4,290.51	1/4	4,124.19	1/4	3,948.85	1/4	3,757.72	1/4	3,564.47	1/4	3,280.35	1/4	2,922.42	1/4	2,205.52
1/2		1/2		1/2	4,286.54	1/2	4,120.74	1/2	3,945.00	1/2	3,753.70	1/2	3,560.44	1/2	3,272.91	1/2	2,914.95	1/2	2,198.04
3/4		3/4		3/4	4,282.57	3/4	4,117.29	3/4	3,941.15	3/4	3,749.67	3/4	3,556.42	3/4	3,265.47	3/4	2,907.48	3/4	2,190.55
7		7		7	4,278.59	7	4,113.81	7	3,937.28	7	3,745.64	7	3,552.39	7	3,258.03	7	2,900.02	7	2,183.06
1/4		1/4		1/4	4,274.62	1/4	4,110.32	1/4	3,933.40	1/4	3,741.62	1/4	3,548.36	1/4	3,250.59	1/4	2,892.55	1/4	2,175.57
1/2		1/2		1/2	4,270.65	1/2	4,106.84	1/2	3,929.52	1/2	3,737.59	1/2	3,544.34	1/2	3,243.15	1/2	2,885.08	1/2	2,168.08
3/4		3/4		3/4	4,266.68	3/4	4,103.36	3/4	3,925.65	3/4	3,733.56	3/4	3,540.31	3/4	3,235.70	3/4	2,877.61	3/4	2,160.59
8		8		8	4,262.75	8	4,099.83	8	3,921.74	8	3,729.54	8	3,536.29	8	3,228.26	8	2,870.13	8	2,153.10
1/4		1/4		1/4	4,258.83	1/4	4,096.30	1/4	3,917.83	1/4	3,725.51	1/4	3,532.26	1/4	3,220.82	1/4	2,862.66	1/4	2,145.61
1/2		1/2		1/2	4,254.91	1/2	4,092.77	1/2	3,913.93	1/2	3,721.49	1/2	3,528.23	1/2	3,213.38	1/2	2,855.18	1/2	2,138.12
3/4		3/4		3/4	4,250.99	3/4	4,089.24	3/4	3,910.02	3/4	3,717.46	3/4	3,524.21	3/4	3,205.94	3/4	2,847.71	3/4	2,130.63
9		9		9	4,247.48	9	4,085.68	9	3,906.08	9	3,713.43	9	3,520.18	9	3,198.50	9	2,840.23	9	2,123.14
1/4		1/4		1/4	4,243.97	1/4	4,082.12	1/4	3,902.15	1/4	3,709.41	1/4	3,516.16	1/4	3,191.06	1/4	2,832.76	1/4	2,115.65
1/2		1/2		1/2	4,240.46	1/2	4,078.56	1/2	3,898.21	1/2	3,705.38	1/2	3,512.13	1/2	3,183.62	1/2	2,825.28	1/2	2,108.16
3/4		3/4		3/4	4,236.95	3/4	4,075.00	3/4	3,894.27	3/4	3,701.36	3/4	3,508.10	3/4	3,176.18	3/4	2,817.81	3/4	2,100.67
10		10		10	4,233.76	10	4,071.40	10	3,890.30	10	3,697.33	10	3,504.08	10	3,168.74	10	2,810.33	10	2,093.19
1/4		1/4		1/4	4,230.56	1/4	4,067.81	1/4	3,886.33	1/4	3,693.30	1/4	3,500.05	1/4	3,161.30	1/4	2,802.86	1/4	2,085.70
1/2		1/2		1/2	4,227.36	1/2	4,064.22	1/2	3,882.36	1/2	3,689.28	1/2	3,496.02	1/2	3,153.85	1/2	2,795.38	1/2	2,078.21
3/4		3/4		3/4	4,224.17	3/4	4,060.63	3/4	3,878.39	3/4	3,685.25	3/4	3,492.00	3/4	3,146.41	3/4	2,787.91	3/4	2,070.72
11		11		11	4,220.94	11	4,057.01	11	3,874.39	11	3,681.23	11	3,487.54	11	3,138.97	11	2,780.43	11	2,063.23
1/4		1/4		1/4	4,217.71	1/4	4,053.38	1/4	3,870.38	1/4	3,677.20	1/4	3,483.09	1/4	3,131.52	1/4	2,772.95	1/4	2,055.74
1/2		1/2		1/2	4,214.48	1/2	4,049.76	1/2	3,866.38	1/2	3,673.17	1/2	3,478.63	1/2	3,124.08	1/2	2,765.48	1/2	2,048.25
3/4		3/4		3/4	4,211.25	3/4	4,046.14	3/4	3,862.38	3/4	3,669.15	3/4	3,474.18	3/4	3,116.63	3/4	2,758.00	3/4	2,040.76

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 ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.

GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 55'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "DBL 308"

## 3 STBD ULLAGE 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	2,033.27	0	1,673.70	0	1,315.46	0	965.93	0	613.43	0	256.93	0		0	0	0	0	0	
1/4	2,025.78	1/4	1,666.21	1/4	1,308.03	1/4	958.78	1/4	605.93	1/4	249.59	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	2,018.29	1/2	1,658.72	1/2	1,300.60	1/2	951.62	1/2	598.44	1/2	242.24	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	2,010.80	3/4	1,651.23	3/4	1,293.17	3/4	944.47	3/4	590.95	3/4	234.90	3/4		3/4	3/4	3/4	3/4	3/4	
1	2,003.31	1	1,643.74	1	1,285.74	1	937.31	1	583.45	1	227.55	1		1	1	1	1	1	
1/4	1,995.82	1/4	1,636.25	1/4	1,278.31	1/4	930.16	1/4	575.96	1/4	220.20	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,988.33	1/2	1,628.76	1/2	1,270.88	1/2	923.00	1/2	568.47	1/2	212.86	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,980.84	3/4	1,621.27	3/4	1,263.45	3/4	915.84	3/4	560.97	3/4	205.51	3/4		3/4	3/4	3/4	3/4	3/4	
2	1,973.35	2	1,613.78	2	1,256.03	2	908.68	2	553.48	2	198.15	2		2	2	2	2	2	
1/4	1,965.86	1/4	1,606.28	1/4	1,248.60	1/4	901.52	1/4	545.99	1/4	190.79	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,958.37	1/2	1,598.79	1/2	1,241.17	1/2	894.36	1/2	538.50	1/2	183.43	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,950.88	3/4	1,591.30	3/4	1,233.75	3/4	887.20	3/4	531.00	3/4	176.07	3/4		3/4	3/4	3/4	3/4	3/4	
3	1,943.38	3	1,583.81	3	1,226.33	3	880.02	3	523.51	3	168.59	3		3	3	3	3	3	
1/4	1,935.89	1/4	1,576.32	1/4	1,218.92	1/4	872.84	1/4	516.02	1/4	161.11	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,928.40	1/2	1,568.83	1/2	1,211.51	1/2	865.65	1/2	508.52	1/2	153.63	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,920.91	3/4	1,561.34	3/4	1,204.10	3/4	858.47	3/4	501.03	3/4	146.15	3/4		3/4	3/4	3/4	3/4	3/4	
4	1,913.42	4	1,553.85	4	1,196.68	4	851.29	4	493.54	4	138.67	4		4	4	4	4	4	
1/4	1,905.93	1/4	1,546.36	1/4	1,189.27	1/4	844.10	1/4	486.04	1/4	131.18	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,898.44	1/2	1,538.86	1/2	1,181.85	1/2	836.92	1/2	478.55	1/2	123.70	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,890.95	3/4	1,531.37	3/4	1,174.44	3/4	829.73	3/4	471.06	3/4	116.22	3/4		3/4	3/4	3/4	3/4	3/4	
5	1,883.46	5	1,523.88	5	1,167.04	5	822.49	5	463.56	5	108.82	5		5	5	5	5	5	
1/4	1,875.96	1/4	1,516.39	1/4	1,159.63	1/4	815.24	1/4	456.07	1/4	101.42	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,868.47	1/2	1,508.90	1/2	1,152.23	1/2	808.00	1/2	448.58	1/2	94.02	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,860.98	3/4	1,501.41	3/4	1,144.83	3/4	800.75	3/4	441.08	3/4	86.62	3/4		3/4	3/4	3/4	3/4	3/4	
6	1,853.49	6	1,493.93	6	1,137.67	6	793.26	6	433.61	6	79.93	6		6	6	6	6	6	
1/4	1,846.00	1/4	1,486.44	1/4	1,130.52	1/4	785.77	1/4	426.14	1/4	73.24	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,838.51	1/2	1,478.96	1/2	1,123.36	1/2	778.27	1/2	418.66	1/2	66.56	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,831.02	3/4	1,471.48	3/4	1,116.20	3/4	770.78	3/4	411.19	3/4	59.87	3/4		3/4	3/4	3/4	3/4	3/4	
7	1,823.53	7	1,464.05	7	1,109.05	7	763.29	7	403.84	7	54.42	7		7	7	7	7	7	
1/4	1,816.04	1/4	1,456.62	1/4	1,101.89	1/4	755.79	1/4	396.50	1/4	48.97	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,808.54	1/2	1,449.19	1/2	1,094.74	1/2	748.30	1/2	389.15	1/2	43.53	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,801.05	3/4	1,441.76	3/4	1,087.58	3/4	740.81	3/4	381.81	3/4	38.08	3/4		3/4	3/4	3/4	3/4	3/4	
8	1,793.56	8	1,434.33	8	1,080.43	8	733.32	8	374.46	8	33.87	8		8	8	8	8	8	
1/4	1,786.07	1/4	1,426.90	1/4	1,073.27	1/4	725.82	1/4	367.11	1/4	29.66	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,778.58	1/2	1,419.47	1/2	1,066.11	1/2	718.33	1/2	359.77	1/2	25.46	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,771.09	3/4	1,412.04	3/4	1,058.96	3/4	710.84	3/4	352.42	3/4	21.25	3/4		3/4	3/4	3/4	3/4	3/4	
9	1,763.60	9	1,404.61	9	1,051.80	9	703.34	9	345.08	9		9		9	9	9	9	9	
1/4	1,756.11	1/4	1,397.18	1/4	1,044.65	1/4	695.85	1/4	337.73	1/4		1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,748.62	1/2	1,389.75	1/2	1,037.49	1/2	688.36	1/2	330.39	1/2		1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,741.12	3/4	1,382.32	3/4	1,030.34	3/4	680.86	3/4	323.04	3/4		3/4		3/4	3/4	3/4	3/4	3/4	
10	1,733.63	10	1,374.89	10	1,023.18	10	673.37	10	315.70	10		10		10	10	10	10	10	
1/4	1,726.14	1/4	1,367.46	1/4	1,016.02	1/4	665.88	1/4	308.35	1/4		1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,718.65	1/2	1,360.04	1/2	1,008.87	1/2	658.38	1/2	301.01	1/2		1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,711.16	3/4	1,352.61	3/4	1,001.71	3/4	650.89	3/4	293.66	3/4		3/4		3/4	3/4	3/4	3/4	3/4	
11	1,703.67	11	1,345.18	11	994.56	11	643.40	11	286.31	11		11		11	11	11	11	11	
1/4	1,696.18	1/4	1,337.75	1/4	987.40	1/4	635.91	1/4	278.97	1/4		1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,688.69	1/2	1,330.32	1/2	980.25	1/2	628.41	1/2	271.62	1/2		1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,681.20	3/4	1,322.89	3/4	973.09	3/4	620.92	3/4	264.28	3/4		3/4		3/4	3/4	3/4	3/4	3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/08/2019 SW  
CALCULATED: 01/08/2019 CL  
PRINTED: 01/11/2018 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2019

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



# BARGE "DBL 308"

## ULLAGE 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	- 00-0/8	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
1 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
2 PORT	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4
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	- 00-1/4	00-1/4
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 ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 252'-00"

January 11, 2019

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