



BARGE "DBL 306"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 213'-04"

November 7, 2018

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "DBL 306"

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	4,175.14	0	4,021.90	0	3,842.59	0	3,648.57	0	3,451.91	0	3,243.86	0	2,909.83	0	2,575.03	0	2,239.50		
1/4	1/4	4,174.11	1/4	4,018.35	1/4	3,838.67	1/4	3,644.47	1/4	3,447.82	1/4	3,236.91	1/4	2,902.86	1/4	2,568.04	1/4	2,232.51		
1/2	1/2	4,173.07	1/2	4,014.79	1/2	3,834.76	1/2	3,640.38	1/2	3,443.72	1/2	3,229.96	1/2	2,895.89	1/2	2,561.05	1/2	2,225.52		
3/4	3/4	4,171.04	3/4	4,011.21	3/4	3,830.83	3/4	3,636.28	3/4	3,439.62	3/4	3,223.01	3/4	2,888.92	3/4	2,554.06	3/4	2,218.53		
1	1	4,169.01	1	4,007.63	1	3,826.89	1	3,632.18	1	3,435.53	1	3,216.07	1	2,881.96	1	2,547.07	1	2,211.54		
1/4	1/4	4,166.98	1/4	4,004.05	1/4	3,822.95	1/4	3,628.09	1/4	3,431.43	1/4	3,209.12	1/4	2,874.99	1/4	2,540.08	1/4	2,204.54		
1/2	1/2	4,164.94	1/2	4,000.46	1/2	3,819.02	1/2	3,623.99	1/2	3,427.33	1/2	3,202.17	1/2	2,868.02	1/2	2,533.09	1/2	2,197.55		
3/4	3/4	4,161.89	3/4	3,996.85	3/4	3,815.05	3/4	3,619.89	3/4	3,423.24	3/4	3,195.22	3/4	2,861.05	3/4	2,526.10	3/4	2,190.56		
2	2	4,158.85	2	3,993.25	2	3,811.09	2	3,615.79	2	3,419.14	2	3,188.28	2	2,854.09	2	2,519.11	2	2,183.57		
1/4	1/4	4,155.80	1/4	3,989.64	1/4	3,807.12	1/4	3,611.70	1/4	3,415.04	1/4	3,181.33	1/4	2,847.12	1/4	2,512.12	1/4	2,176.58		
1/2	1/2	4,152.75	1/2	3,986.03	1/2	3,803.16	1/2	3,607.60	1/2	3,410.94	1/2	3,174.38	1/2	2,840.15	1/2	2,505.13	1/2	2,169.59		
3/4	3/4	4,149.31	3/4	3,982.39	3/4	3,799.17	3/4	3,603.50	3/4	3,406.85	3/4	3,167.43	3/4	2,833.19	3/4	2,498.14	3/4	2,162.60		
3	3	4,145.86	3	3,978.76	3	3,795.18	3	3,599.41	3	3,402.75	3	3,160.49	3	2,826.22	3	2,491.15	3	2,155.61		
1/4	1/4	4,142.41	1/4	3,975.12	1/4	3,791.19	1/4	3,595.31	1/4	3,398.65	1/4	3,153.54	1/4	2,819.25	1/4	2,484.16	1/4	2,148.62		
1/2	1/2	4,138.97	1/2	3,971.49	1/2	3,787.20	1/2	3,591.21	1/2	3,394.56	1/2	3,146.59	1/2	2,812.28	1/2	2,477.17	1/2	2,141.63		
3/4	3/4	4,135.63	3/4	3,967.83	3/4	3,783.18	3/4	3,587.12	3/4	3,390.46	3/4	3,139.64	3/4	2,805.32	3/4	2,470.18	3/4	2,134.64		
4	4	4,132.28	4	3,964.17	4	3,779.16	4	3,583.02	4	3,386.36	4	3,132.70	4	2,798.35	4	2,463.19	4	2,127.65		
1/4	1/4	4,128.94	1/4	3,960.51	1/4	3,775.15	1/4	3,578.92	1/4	3,382.27	1/4	3,125.75	1/4	2,791.38	1/4	2,456.20	1/4	2,120.66		
1/2	1/2	4,125.60	1/2	3,956.85	1/2	3,771.13	1/2	3,574.82	1/2	3,378.17	1/2	3,118.80	1/2	2,784.42	1/2	2,449.21	1/2	2,113.67		
3/4	3/4	4,122.23	3/4	3,953.14	3/4	3,767.09	3/4	3,570.73	3/4	3,374.07	3/4	3,111.84	3/4	2,777.45	3/4	2,442.22	3/4	2,106.68		
5	5	4,118.86	5	3,949.43	5	3,763.04	5	3,566.63	5	3,369.97	5	3,104.89	5	2,770.48	5	2,435.22	5	2,099.69		
1/4	1/4	4,115.49	1/4	3,945.73	1/4	3,759.00	1/4	3,562.53	1/4	3,365.88	1/4	3,097.93	1/4	2,763.52	1/4	2,428.23	1/4	2,092.70		
1/2	1/2	4,112.12	1/2	3,942.02	1/2	3,754.96	1/2	3,558.44	1/2	3,361.78	1/2	3,090.98	1/2	2,756.55	1/2	2,421.24	1/2	2,085.71		
3/4	3/4	4,108.72	3/4	3,938.27	3/4	3,750.89	3/4	3,554.34	3/4	3,357.68	3/4	3,084.01	3/4	2,749.58	3/4	2,414.25	3/4	2,078.72		
6	6	4,105.33	6	3,934.52	6	3,746.81	6	3,550.24	6	3,353.59	6	3,077.04	6	2,742.62	6	2,407.26	6	2,071.73		
1/4	1/4	4,101.93	1/4	3,930.77	1/4	3,742.74	1/4	3,546.15	1/4	3,349.49	1/4	3,070.07	1/4	2,735.65	1/4	2,400.27	1/4	2,064.74		
1/2	1/2	4,098.54	1/2	3,927.02	1/2	3,738.67	1/2	3,542.05	1/2	3,345.39	1/2	3,063.11	1/2	2,728.68	1/2	2,393.28	1/2	2,057.75		
3/4	3/4	4,095.11	3/4	3,923.24	3/4	3,734.58	3/4	3,537.95	3/4	3,341.30	3/4	3,056.14	3/4	2,721.72	3/4	2,386.29	3/4	2,050.76		
7	7	4,091.69	7	3,919.46	7	3,730.50	7	3,533.85	7	3,337.20	7	3,049.17	7	2,714.75	7	2,379.30	7	2,043.77		
1/4	1/4	4,088.27	1/4	3,915.69	1/4	3,726.41	1/4	3,529.76	1/4	3,333.10	1/4	3,042.20	1/4	2,707.79	1/4	2,372.31	1/4	2,036.78		
1/2	1/2	4,084.84	1/2	3,911.91	1/2	3,722.32	1/2	3,525.66	1/2	3,329.00	1/2	3,035.24	1/2	2,700.82	1/2	2,365.32	1/2	2,029.79		
3/4	3/4	4,081.39	3/4	3,908.11	3/4	3,718.22	3/4	3,521.56	3/4	3,324.91	3/4	3,028.27	3/4	2,693.84	3/4	2,358.33	3/4	2,022.80		
8	8	4,077.95	8	3,904.30	8	3,714.12	8	3,517.47	8	3,320.81	8	3,021.30	8	2,686.86	8	2,351.34	8	2,015.81		
1/4	1/4	4,074.50	1/4	3,900.50	1/4	3,710.03	1/4	3,513.37	1/4	3,316.71	1/4	3,014.34	1/4	2,679.88	1/4	2,344.35	1/4	2,008.82		
1/2	1/2	4,071.05	1/2	3,896.69	1/2	3,705.93	1/2	3,509.27	1/2	3,312.62	1/2	3,007.37	1/2	2,672.89	1/2	2,337.36	1/2	2,001.83		
3/4	3/4	4,067.57	3/4	3,892.86	3/4	3,701.83	3/4	3,505.18	3/4	3,308.52	3/4	3,000.40	3/4	2,665.90	3/4	2,330.37	3/4	1,994.84		
9	9	4,064.09	9	3,889.03	9	3,697.73	9	3,501.08	9	3,304.42	9	2,993.43	9	2,658.91	9	2,323.38	9	1,987.85		
1/4	1/4	4,060.62	1/4	3,885.20	1/4	3,693.64	1/4	3,496.98	1/4	3,300.33	1/4	2,986.47	1/4	2,651.92	1/4	2,316.39	1/4	1,980.86		
1/2	1/2	4,057.14	1/2	3,881.37	1/2	3,689.54	1/2	3,492.88	1/2	3,296.23	1/2	2,979.50	1/2	2,644.93	1/2	2,309.40	1/2	1,973.87		
3/4	3/4	4,053.64	3/4	3,877.51	3/4	3,685.44	3/4	3,488.79	3/4	3,292.13	3/4	2,972.53	3/4	2,637.94	3/4	2,302.41	3/4	1,966.87		
10	10	4,050.14	10	3,873.66	10	3,681.35	10	3,484.69	10	3,288.03	10	2,965.56	10	2,630.95	10	2,295.42	10	1,959.88		
1/4	1/4	4,046.64	1/4	3,869.80	1/4	3,677.25	1/4	3,480.59	1/4	3,283.94	1/4	2,958.60	1/4	2,623.96	1/4	2,288.43	1/4	1,952.89		
1/2	1/2	4,043.13	1/2	3,865.94	1/2	3,673.15	1/2	3,476.50	1/2	3,279.84	1/2	2,951.63	1/2	2,616.97	1/2	2,281.44	1/2	1,945.90		
3/4	3/4	4,039.60	3/4	3,862.06	3/4	3,669.06	3/4	3,472.40	3/4	3,274.32	3/4	2,944.66	3/4	2,609.98	3/4	2,274.45	3/4	1,938.91		
11	11	4,036.07	11	3,858.17	11	3,664.96	11	3,468.30	11	3,268.80	11	2,937.69	11	2,602.99	11	2,267.46	11	1,931.92		
1/4	1/4	4,032.55	1/4	3,854.29	1/4	3,660.86	1/4	3,464.21	1/4	3,263.27	1/4	2,930.73	1/4	2,596.00	1/4	2,260.47	1/4	1,924.93		
1/2	1/2	4,029.02	1/2	3,850.41	1/2	3,656.76	1/2	3,460.11	1/2	3,257.75	1/2	2,923.76	1/2	2,589.01	1/2	2,253.48	1/2	1,917.94		
3/4	3/4	4,176.18	3/4	4,025.46	3/4	3,846.50	3/4	3,652.67	3/4	3,456.01	3/4	3,250.80	3/4	2,916.79	3/4	2,582.02	3/4	2,246.49	3/4	1,910.95

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 29'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "DBL 306"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	1,896.97	1/4	1,561.44	1/4	1,225.90	1/4	897.47	1/4	566.21	1/4	230.69	1/4		1/4		1/4		1/4		1/4	
1/2	1,889.98	1/2	1,554.45	1/2	1,218.91	1/2	890.77	1/2	559.22	1/2	223.70	1/2		1/2		1/2		1/2		1/2	
3/4	1,882.99	3/4	1,547.46	3/4	1,211.92	3/4	884.06	3/4	552.23	3/4	216.71	3/4		3/4		3/4		3/4		3/4	
1	1,876.00	1	1,540.47	1	1,204.93	1	877.36	1	545.24	1	209.72	1		1		1		1		1	
1/4	1,869.01	1/4	1,533.48	1/4	1,197.94	1/4	870.65	1/4	538.25	1/4	202.73	1/4		1/4		1/4		1/4		1/4	
1/2	1,862.02	1/2	1,526.49	1/2	1,190.95	1/2	863.94	1/2	531.26	1/2	195.74	1/2		1/2		1/2		1/2		1/2	
3/4	1,855.03	3/4	1,519.50	3/4	1,183.96	3/4	857.24	3/4	524.27	3/4	188.75	3/4		3/4		3/4		3/4		3/4	
2	1,848.04	2	1,512.51	2	1,176.97	2	850.53	2	517.28	2	181.76	2		2		2		2		2	
1/4	1,841.05	1/4	1,505.51	1/4	1,169.98	1/4	843.83	1/4	510.29	1/4	174.77	1/4		1/4		1/4		1/4		1/4	
1/2	1,834.06	1/2	1,498.52	1/2	1,162.99	1/2	837.12	1/2	503.30	1/2	167.78	1/2		1/2		1/2		1/2		1/2	
3/4	1,827.07	3/4	1,491.53	3/4	1,156.00	3/4	830.41	3/4	496.31	3/4	160.79	3/4		3/4		3/4		3/4		3/4	
3	1,820.08	3	1,484.54	3	1,149.01	3	823.71	3	489.32	3	153.81	3		3		3		3		3	
1/4	1,813.09	1/4	1,477.55	1/4	1,142.02	1/4	817.00	1/4	482.33	1/4	146.82	1/4		1/4		1/4		1/4		1/4	
1/2	1,806.10	1/2	1,470.56	1/2	1,135.03	1/2	810.30	1/2	475.34	1/2	139.84	1/2		1/2		1/2		1/2		1/2	
3/4	1,799.11	3/4	1,463.57	3/4	1,128.04	3/4	803.45	3/4	468.35	3/4	132.86	3/4		3/4		3/4		3/4		3/4	
4	1,792.12	4	1,456.58	4	1,121.05	4	796.60	4	461.36	4	125.88	4		4		4		4		4	
1/4	1,785.13	1/4	1,449.59	1/4	1,114.06	1/4	789.75	1/4	454.37	1/4	118.91	1/4		1/4		1/4		1/4		1/4	
1/2	1,778.14	1/2	1,442.60	1/2	1,107.07	1/2	782.90	1/2	447.38	1/2	111.93	1/2		1/2		1/2		1/2		1/2	
3/4	1,771.15	3/4	1,435.61	3/4	1,100.08	3/4	775.91	3/4	440.39	3/4	104.98	3/4		3/4		3/4		3/4		3/4	
5	1,764.16	5	1,428.62	5	1,093.09	5	768.92	5	433.40	5	98.02	5		5		5		5		5	
1/4	1,757.17	1/4	1,421.63	1/4	1,086.10	1/4	761.93	1/4	426.41	1/4	91.07	1/4		1/4		1/4		1/4		1/4	
1/2	1,750.18	1/2	1,414.64	1/2	1,079.11	1/2	754.94	1/2	419.42	1/2	84.11	1/2		1/2		1/2		1/2		1/2	
3/4	1,743.19	3/4	1,407.65	3/4	1,072.26	3/4	747.95	3/4	412.43	3/4	77.50	3/4		3/4		3/4		3/4		3/4	
6	1,736.19	6	1,400.66	6	1,065.41	6	740.96	6	405.44	6	70.89	6		6		6		6		6	
1/4	1,729.20	1/4	1,393.67	1/4	1,058.56	1/4	733.97	1/4	398.45	1/4	64.27	1/4		1/4		1/4		1/4		1/4	
1/2	1,722.21	1/2	1,386.68	1/2	1,051.71	1/2	726.98	1/2	391.46	1/2	57.66	1/2		1/2		1/2		1/2		1/2	
3/4	1,715.22	3/4	1,379.69	3/4	1,045.01	3/4	719.99	3/4	384.47	3/4	52.07	3/4		3/4		3/4		3/4		3/4	
7	1,708.23	7	1,372.70	7	1,038.30	7	713.00	7	377.48	7	46.48	7		7		7		7		7	
1/4	1,701.24	1/4	1,365.71	1/4	1,031.60	1/4	706.01	1/4	370.49	1/4	40.89	1/4		1/4		1/4		1/4		1/4	
1/2	1,694.25	1/2	1,358.72	1/2	1,024.89	1/2	699.02	1/2	363.50	1/2	35.30	1/2		1/2		1/2		1/2		1/2	
3/4	1,687.26	3/4	1,351.73	3/4	1,018.18	3/4	692.03	3/4	356.51	3/4	31.10	3/4		3/4		3/4		3/4		3/4	
8	1,680.27	8	1,344.74	8	1,011.48	8	685.04	8	349.52	8	26.91	8		8		8		8		8	
1/4	1,673.28	1/4	1,337.75	1/4	1,004.77	1/4	678.05	1/4	342.53	1/4	22.72	1/4		1/4		1/4		1/4		1/4	
1/2	1,666.29	1/2	1,330.76	1/2	998.07	1/2	671.06	1/2	335.54	1/2	18.53	1/2		1/2		1/2		1/2		1/2	
3/4	1,659.30	3/4	1,323.77	3/4	991.36	3/4	664.07	3/4	328.55	3/4		3/4		3/4		3/4		3/4		3/4	
9	1,652.31	9	1,316.78	9	984.65	9	657.08	9	321.56	9		9		9		9		9		9	
1/4	1,645.32	1/4	1,309.79	1/4	977.95	1/4	650.09	1/4	314.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,638.33	1/2	1,302.80	1/2	971.24	1/2	643.10	1/2	307.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,631.34	3/4	1,295.81	3/4	964.54	3/4	636.11	3/4	300.59	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,624.35	10	1,288.82	10	957.83	10	629.12	10	293.60	10		10		10		10		10		10	
1/4	1,617.36	1/4	1,281.83	1/4	951.12	1/4	622.13	1/4	286.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,610.37	1/2	1,274.84	1/2	944.42	1/2	615.14	1/2	279.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,603.38	3/4	1,267.84	3/4	937.71	3/4	608.15	3/4	272.63	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,596.39	11	1,260.85	11	931.00	11	601.16	11	265.64	11		11		11		11		11		11	
1/4	1,589.40	1/4	1,253.86	1/4	924.30	1/4	594.17	1/4	258.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,582.41	1/2	1,246.87	1/2	917.59	1/2	587.18	1/2	251.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,575.42	3/4	1,239.88	3/4	910.89	3/4	580.19	3/4	244.67	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/06/2018 SW
CALCULATED: 11/07/2018 CL
PRINTED: 11/07/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2018

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



BARGE "DBL 306"

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	4,147.65	0	3,994.95	0	3,816.23	0	3,622.83	0	3,426.79	0	3,219.44	0	2,886.92	0	2,553.66	0	2,219.65		
1/4	1/4	4,146.63	1/4	3,991.41	1/4	3,812.33	1/4	3,618.74	1/4	3,422.71	1/4	3,212.52	1/4	2,879.99	1/4	2,546.70	1/4	2,212.69		
1/2	1/2	4,145.60	1/2	3,987.86	1/2	3,808.43	1/2	3,614.66	1/2	3,418.63	1/2	3,205.60	1/2	2,873.05	1/2	2,539.74	1/2	2,205.73		
3/4	3/4	4,143.57	3/4	3,984.29	3/4	3,804.51	3/4	3,610.57	3/4	3,414.54	3/4	3,198.69	3/4	2,866.12	3/4	2,532.78	3/4	2,198.77		
1	1	4,141.55	1	3,980.72	1	3,800.58	1	3,606.49	1	3,410.46	1	3,191.77	1	2,859.18	1	2,525.83	1	2,191.81		
1/4	1/4	4,139.52	1/4	3,977.15	1/4	3,796.66	1/4	3,602.41	1/4	3,406.37	1/4	3,184.86	1/4	2,852.25	1/4	2,518.87	1/4	2,184.85		
1/2	1/2	4,137.49	1/2	3,973.58	1/2	3,792.73	1/2	3,598.32	1/2	3,402.29	1/2	3,177.94	1/2	2,845.31	1/2	2,511.91	1/2	2,177.90		
3/4	3/4	4,134.46	3/4	3,969.99	3/4	3,788.78	3/4	3,594.24	3/4	3,398.21	3/4	3,171.02	3/4	2,838.37	3/4	2,504.95	3/4	2,170.94		
2	2	4,131.42	2	3,966.39	2	3,784.83	2	3,590.15	2	3,394.12	2	3,164.11	2	2,831.44	2	2,497.99	2	2,163.98		
1/4	1/4	4,128.38	1/4	3,962.79	1/4	3,780.88	1/4	3,586.07	1/4	3,390.04	1/4	3,157.19	1/4	2,824.50	1/4	2,491.03	1/4	2,157.02		
1/2	1/2	4,125.35	1/2	3,959.20	1/2	3,776.93	1/2	3,581.99	1/2	3,385.95	1/2	3,150.28	1/2	2,817.57	1/2	2,484.07	1/2	2,150.06		
3/4	3/4	4,121.91	3/4	3,955.57	3/4	3,772.95	3/4	3,577.90	3/4	3,381.87	3/4	3,143.36	3/4	2,810.63	3/4	2,477.12	3/4	2,143.10		
3	3	4,118.48	3	3,951.95	3	3,768.97	3	3,573.82	3	3,377.79	3	3,136.45	3	2,803.70	3	2,470.16	3	2,136.14		
1/4	1/4	4,115.05	1/4	3,948.33	1/4	3,765.00	1/4	3,569.73	1/4	3,373.70	1/4	3,129.53	1/4	2,796.76	1/4	2,463.20	1/4	2,129.19		
1/2	1/2	4,111.61	1/2	3,944.71	1/2	3,761.02	1/2	3,565.65	1/2	3,369.62	1/2	3,122.61	1/2	2,789.83	1/2	2,456.24	1/2	2,122.23		
3/4	3/4	4,108.28	3/4	3,941.06	3/4	3,757.01	3/4	3,561.57	3/4	3,365.53	3/4	3,115.70	3/4	2,782.89	3/4	2,449.28	3/4	2,115.27		
4	4	4,104.95	4	3,937.41	4	3,753.01	4	3,557.48	4	3,361.45	4	3,108.78	4	2,775.96	4	2,442.32	4	2,108.31		
1/4	1/4	4,101.62	1/4	3,933.76	1/4	3,749.01	1/4	3,553.40	1/4	3,357.37	1/4	3,101.87	1/4	2,769.02	1/4	2,435.36	1/4	2,101.35		
1/2	1/2	4,098.29	1/2	3,930.11	1/2	3,745.00	1/2	3,549.31	1/2	3,353.28	1/2	3,094.95	1/2	2,762.09	1/2	2,428.41	1/2	2,094.39		
3/4	3/4	4,094.93	3/4	3,926.42	3/4	3,740.97	3/4	3,545.23	3/4	3,349.20	3/4	3,088.02	3/4	2,755.15	3/4	2,421.45	3/4	2,087.43		
5	5	4,091.57	5	3,922.72	5	3,736.94	5	3,541.15	5	3,345.11	5	3,081.10	5	2,748.22	5	2,414.49	5	2,080.48		
1/4	1/4	4,088.21	1/4	3,919.03	1/4	3,732.91	1/4	3,537.06	1/4	3,341.03	1/4	3,074.17	1/4	2,741.28	1/4	2,407.53	1/4	2,073.52		
1/2	1/2	4,084.86	1/2	3,915.34	1/2	3,728.88	1/2	3,532.98	1/2	3,336.95	1/2	3,067.25	1/2	2,734.35	1/2	2,400.57	1/2	2,066.56		
3/4	3/4	4,081.47	3/4	3,911.60	3/4	3,724.82	3/4	3,528.89	3/4	3,332.86	3/4	3,060.31	3/4	2,727.41	3/4	2,393.61	3/4	2,059.60		
6	6	4,078.09	6	3,907.86	6	3,720.76	6	3,524.81	6	3,328.78	6	3,053.37	6	2,720.48	6	2,386.65	6	2,052.64		
1/4	1/4	4,074.70	1/4	3,904.12	1/4	3,716.71	1/4	3,520.73	1/4	3,324.69	1/4	3,046.44	1/4	2,713.54	1/4	2,379.69	1/4	2,045.68		
1/2	1/2	4,071.32	1/2	3,900.38	1/2	3,712.65	1/2	3,516.64	1/2	3,320.61	1/2	3,039.50	1/2	2,706.61	1/2	2,372.74	1/2	2,038.72		
3/4	3/4	4,067.91	3/4	3,896.62	3/4	3,708.57	3/4	3,512.56	3/4	3,316.53	3/4	3,032.57	3/4	2,699.67	3/4	2,365.78	3/4	2,031.76		
7	7	4,064.50	7	3,892.85	7	3,704.49	7	3,508.47	7	3,312.44	7	3,025.63	7	2,692.74	7	2,358.82	7	2,024.81		
1/4	1/4	4,061.09	1/4	3,889.09	1/4	3,700.42	1/4	3,504.39	1/4	3,308.36	1/4	3,018.70	1/4	2,685.80	1/4	2,351.86	1/4	2,017.85		
1/2	1/2	4,057.68	1/2	3,885.32	1/2	3,696.34	1/2	3,500.31	1/2	3,304.27	1/2	3,011.76	1/2	2,678.87	1/2	2,344.90	1/2	2,010.89		
3/4	3/4	4,054.24	3/4	3,881.53	3/4	3,692.25	3/4	3,496.22	3/4	3,300.19	3/4	3,004.83	3/4	2,671.92	3/4	2,337.94	3/4	2,003.94		
8	8	4,050.80	8	3,877.74	8	3,688.17	8	3,492.14	8	3,296.11	8	2,997.89	8	2,664.97	8	2,330.98	8	1,996.98		
1/4	1/4	4,047.36	1/4	3,873.95	1/4	3,684.09	1/4	3,488.05	1/4	3,292.02	1/4	2,990.96	1/4	2,658.03	1/4	2,324.03	1/4	1,990.03		
1/2	1/2	4,043.93	1/2	3,870.16	1/2	3,680.00	1/2	3,483.97	1/2	3,287.94	1/2	2,984.02	1/2	2,651.08	1/2	2,317.07	1/2	1,983.08		
3/4	3/4	4,040.46	3/4	3,866.34	3/4	3,675.92	3/4	3,479.89	3/4	3,283.85	3/4	2,977.08	3/4	2,644.12	3/4	2,310.11	3/4	1,976.13		
9	9	4,037.00	9	3,862.52	9	3,671.83	9	3,475.80	9	3,279.77	9	2,970.15	9	2,637.16	9	2,303.15	9	1,969.18		
1/4	1/4	4,033.53	1/4	3,858.70	1/4	3,667.75	1/4	3,471.72	1/4	3,275.69	1/4	2,963.21	1/4	2,630.20	1/4	2,296.19	1/4	1,962.24		
1/2	1/2	4,030.07	1/2	3,854.89	1/2	3,663.67	1/2	3,467.63	1/2	3,271.60	1/2	2,956.28	1/2	2,623.25	1/2	2,289.23	1/2	1,955.29		
3/4	3/4	4,026.58	3/4	3,851.04	3/4	3,659.58	3/4	3,463.55	3/4	3,267.52	3/4	2,949.34	3/4	2,616.29	3/4	2,282.27	3/4	1,948.34		
10	10	4,023.09	10	3,847.20	10	3,655.50	10	3,459.47	10	3,263.43	10	2,942.41	10	2,609.33	10	2,275.32	10	1,941.40		
1/4	1/4	4,019.60	1/4	3,843.35	1/4	3,651.41	1/4	3,455.38	1/4	3,259.35	1/4	2,935.47	1/4	2,602.37	1/4	2,268.36	1/4	1,934.45		
1/2	1/2	4,016.11	1/2	3,839.51	1/2	3,647.33	1/2	3,451.30	1/2	3,255.27	1/2	2,928.54	1/2	2,595.41	1/2	2,261.40	1/2	1,927.51		
3/4	3/4	4,012.59	3/4	3,835.64	3/4	3,643.25	3/4	3,447.21	3/4	3,249.77	3/4	2,921.60	3/4	2,588.45	3/4	2,254.44	3/4	1,920.56		
11	11	4,009.07	11	3,831.76	11	3,639.16	11	3,443.13	11	3,244.27	11	2,914.66	11	2,581.49	11	2,247.48	11	1,913.61		
1/4	1/4	4,005.56	1/4	3,827.89	1/4	3,635.08	1/4	3,439.05	1/4	3,238.77	1/4	2,907.73	1/4	2,574.54	1/4	2,240.52	1/4	1,906.67		
1/2	1/2	4,002.04	1/2	3,824.02	1/2	3,630.99	1/2	3,434.96	1/2	3,233.27	1/2	2,900.79	1/2	2,567.58	1/2	2,233.56	1/2	1,899.72		
3/4	3/4	4,148.68	3/4	3,998.50	3/4	3,820.12	3/4	3,626.91	3/4	3,430.88	3/4	3,226.35	3/4	2,893.86	3/4	2,560.62	3/4	2,226.61	3/4	1,892.77

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 29'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "DBL 306"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	1,878.88	1/4	1,545.46	1/4	1,212.04	1/4	890.32	1/4	564.00	1/4	229.88	1/4		1/4		1/4		1/4	
1/2	1,871.94	1/2	1,538.51	1/2	1,205.09	1/2	883.80	1/2	557.04	1/2	222.92	1/2		1/2		1/2		1/2	
3/4	1,864.99	3/4	1,531.57	3/4	1,198.14	3/4	877.27	3/4	550.08	3/4	215.96	3/4		3/4		3/4		3/4	
1	1,858.04	1	1,524.62	1	1,191.20	1	870.74	1	543.11	1	209.00	1		1		1		1	
1/4	1,851.10	1/4	1,517.67	1/4	1,184.25	1/4	864.22	1/4	536.15	1/4	202.04	1/4		1/4		1/4		1/4	
1/2	1,844.15	1/2	1,510.73	1/2	1,177.31	1/2	857.69	1/2	529.19	1/2	195.08	1/2		1/2		1/2		1/2	
3/4	1,837.20	3/4	1,503.78	3/4	1,170.36	3/4	851.16	3/4	522.23	3/4	188.12	3/4		3/4		3/4		3/4	
2	1,830.26	2	1,496.84	2	1,163.41	2	844.64	2	515.27	2	181.16	2		2		2		2	
1/4	1,823.31	1/4	1,489.89	1/4	1,156.47	1/4	838.11	1/4	508.31	1/4	174.20	1/4		1/4		1/4		1/4	
1/2	1,816.37	1/2	1,482.94	1/2	1,149.52	1/2	831.59	1/2	501.35	1/2	167.24	1/2		1/2		1/2		1/2	
3/4	1,809.42	3/4	1,476.00	3/4	1,142.57	3/4	825.06	3/4	494.39	3/4	160.28	3/4		3/4		3/4		3/4	
3	1,802.47	3	1,469.05	3	1,135.63	3	818.53	3	487.43	3	153.33	3		3		3		3	
1/4	1,795.53	1/4	1,462.10	1/4	1,128.68	1/4	812.01	1/4	480.47	1/4	146.37	1/4		1/4		1/4		1/4	
1/2	1,788.58	1/2	1,455.16	1/2	1,121.74	1/2	805.48	1/2	473.51	1/2	139.41	1/2		1/2		1/2		1/2	
3/4	1,781.63	3/4	1,448.21	3/4	1,114.79	3/4	798.90	3/4	466.55	3/4	132.46	3/4		3/4		3/4		3/4	
4	1,774.69	4	1,441.26	4	1,107.84	4	792.31	4	459.59	4	125.52	4		4		4		4	
1/4	1,767.74	1/4	1,434.32	1/4	1,100.90	1/4	785.73	1/4	452.63	1/4	118.57	1/4		1/4		1/4		1/4	
1/2	1,760.79	1/2	1,427.37	1/2	1,093.95	1/2	779.14	1/2	445.66	1/2	111.62	1/2		1/2		1/2		1/2	
3/4	1,753.85	3/4	1,420.43	3/4	1,087.15	3/4	772.34	3/4	438.70	3/4	104.69	3/4		3/4		3/4		3/4	
5	1,746.90	5	1,413.48	5	1,080.36	5	765.54	5	431.74	5	97.76	5		5		5		5	
1/4	1,739.96	1/4	1,406.53	1/4	1,073.56	1/4	758.74	1/4	424.78	1/4	90.83	1/4		1/4		1/4		1/4	
1/2	1,733.01	1/2	1,399.59	1/2	1,066.77	1/2	751.94	1/2	417.82	1/2	83.90	1/2		1/2		1/2		1/2	
3/4	1,726.06	3/4	1,392.64	3/4	1,060.18	3/4	744.97	3/4	410.86	3/4	77.30	3/4		3/4		3/4		3/4	
6	1,719.12	6	1,385.69	6	1,053.60	6	738.01	6	403.90	6	70.71	6		6		6		6	
1/4	1,712.17	1/4	1,378.75	1/4	1,047.01	1/4	731.05	1/4	396.94	1/4	64.11	1/4		1/4		1/4		1/4	
1/2	1,705.22	1/2	1,371.80	1/2	1,040.43	1/2	724.09	1/2	389.98	1/2	57.51	1/2		1/2		1/2		1/2	
3/4	1,698.28	3/4	1,364.86	3/4	1,033.90	3/4	717.13	3/4	383.02	3/4	51.94	3/4		3/4		3/4		3/4	
7	1,691.33	7	1,357.91	7	1,027.37	7	710.17	7	376.06	7	46.36	7		7		7		7	
1/4	1,684.39	1/4	1,350.96	1/4	1,020.85	1/4	703.21	1/4	369.10	1/4	40.78	1/4		1/4		1/4		1/4	
1/2	1,677.44	1/2	1,344.02	1/2	1,014.32	1/2	696.25	1/2	362.14	1/2	35.21	1/2		1/2		1/2		1/2	
3/4	1,670.49	3/4	1,337.07	3/4	1,007.80	3/4	689.29	3/4	355.18	3/4	31.03	3/4		3/4		3/4		3/4	
8	1,663.55	8	1,330.12	8	1,001.27	8	682.33	8	348.21	8	26.84	8		8		8		8	
1/4	1,656.60	1/4	1,323.18	1/4	994.74	1/4	675.37	1/4	341.25	1/4	22.66	1/4		1/4		1/4		1/4	
1/2	1,649.65	1/2	1,316.23	1/2	988.22	1/2	668.41	1/2	334.29	1/2	18.48	1/2		1/2		1/2		1/2	
3/4	1,642.71	3/4	1,309.29	3/4	981.69	3/4	661.45	3/4	327.33	3/4		3/4		3/4		3/4		3/4	
9	1,635.76	9	1,302.34	9	975.16	9	654.49	9	320.37	9		9		9		9		9	
1/4	1,628.81	1/4	1,295.39	1/4	968.64	1/4	647.52	1/4	313.41	1/4		1/4		1/4		1/4		1/4	
1/2	1,621.87	1/2	1,288.45	1/2	962.11	1/2	640.56	1/2	306.45	1/2		1/2		1/2		1/2		1/2	
3/4	1,614.92	3/4	1,281.50	3/4	955.59	3/4	633.60	3/4	299.49	3/4		3/4		3/4		3/4		3/4	
10	1,607.98	10	1,274.55	10	949.06	10	626.64	10	292.53	10		10		10		10		10	
1/4	1,601.03	1/4	1,267.61	1/4	942.53	1/4	619.68	1/4	285.57	1/4		1/4		1/4		1/4		1/4	
1/2	1,594.08	1/2	1,260.66	1/2	936.01	1/2	612.72	1/2	278.61	1/2		1/2		1/2		1/2		1/2	
3/4	1,587.14	3/4	1,253.71	3/4	929.48	3/4	605.76	3/4	271.65	3/4		3/4		3/4		3/4		3/4	
11	1,580.19	11	1,246.77	11	922.95	11	598.80	11	264.69	11		11		11		11		11	
1/4	1,573.24	1/4	1,239.82	1/4	916.43	1/4	591.84	1/4	257.73	1/4		1/4		1/4		1/4		1/4	
1/2	1,566.30	1/2	1,232.88	1/2	909.90	1/2	584.88	1/2	250.77	1/2		1/2		1/2		1/2		1/2	
3/4	1,559.35	3/4	1,225.93	3/4	903.38	3/4	577.92	3/4	243.80	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/06/2018 SW
CALCULATED: 11/07/2018 CL
PRINTED: 11/07/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2018

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



BARGE "DBL 306"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09"

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	3,815.21	0	3,551.66	0	3,275.32	0	2,996.51	0	2,717.70	0	2,438.89	0	2,160.07	0	1,881.26		
1/4	1/4	4,049.71	3,809.87	1/4	3,546.01	1/4	3,269.52	1/4	2,990.70	1/4	2,711.89	1/4	2,433.08	1/4	2,154.26	1/4	1,875.45		
1/2	1/2	4,046.48	3,804.52	1/2	3,540.35	1/2	3,263.71	1/2	2,984.89	1/2	2,706.08	1/2	2,427.27	1/2	2,148.46	1/2	1,869.64		
3/4	3/4	4,043.26	3,799.17	3/4	3,534.70	3/4	3,257.90	3/4	2,979.09	3/4	2,700.27	3/4	2,421.46	3/4	2,142.65	3/4	1,863.83		
1	1	4,040.03	3,793.82	1	3,529.04	1	3,252.09	1	2,973.28	1	2,694.46	1	2,415.65	1	2,136.84	1	1,858.03		
1/4	1/4	4,035.98	3,788.46	1/4	3,523.37	1/4	3,246.28	1/4	2,967.47	1/4	2,688.66	1/4	2,409.84	1/4	2,131.03	1/4	1,852.22		
1/2	1/2	4,031.92	3,783.09	1/2	3,517.69	1/2	3,240.47	1/2	2,961.66	1/2	2,682.85	1/2	2,404.03	1/2	2,125.22	1/2	1,846.41		
3/4	3/4	4,027.87	3,777.72	3/4	3,512.02	3/4	3,234.66	3/4	2,955.85	3/4	2,677.04	3/4	2,398.23	3/4	2,119.41	3/4	1,840.60		
2	2	4,023.81	3,772.35	2	3,506.34	2	3,228.86	2	2,950.04	2	2,671.23	2	2,392.42	2	2,113.60	2	1,834.79		
1/4	1/4	4,018.90	3,766.96	1/4	3,500.64	1/4	3,223.05	1/4	2,944.23	1/4	2,665.42	1/4	2,386.61	1/4	2,107.80	1/4	1,828.98		
1/2	1/2	4,013.99	3,761.57	1/2	3,494.94	1/2	3,217.24	1/2	2,938.43	1/2	2,659.61	1/2	2,380.80	1/2	2,101.99	1/2	1,823.17		
3/4	3/4	4,009.08	3,756.18	3/4	3,489.25	3/4	3,211.43	3/4	2,932.62	3/4	2,653.80	3/4	2,374.99	3/4	2,096.18	3/4	1,817.37		
3	3	4,004.16	3,750.79	3	3,483.55	3	3,205.62	3	2,926.81	3	2,648.00	3	2,369.18	3	2,090.37	3	1,811.56		
1/4	1/4	3,998.91	3,745.37	1/4	3,477.83	1/4	3,199.81	1/4	2,921.00	1/4	2,642.19	1/4	2,363.37	1/4	2,084.56	1/4	1,805.75		
1/2	1/2	3,993.65	3,739.96	1/2	3,472.11	1/2	3,194.00	1/2	2,915.19	1/2	2,636.38	1/2	2,357.57	1/2	2,078.75	1/2	1,799.94		
3/4	3/4	3,988.39	3,734.55	3/4	3,466.39	3/4	3,188.20	3/4	2,909.38	3/4	2,630.57	3/4	2,351.76	3/4	2,072.94	3/4	1,794.13		
4	4	3,983.14	3,729.14	4	3,460.67	4	3,182.39	4	2,903.57	4	2,624.76	4	2,345.95	4	2,067.14	4	1,788.32		
1/4	1/4	3,977.97	3,723.71	1/4	3,454.92	1/4	3,176.58	1/4	2,897.77	1/4	2,618.95	1/4	2,340.14	1/4	2,061.33	1/4	1,782.51		
1/2	1/2	3,972.80	3,718.27	1/2	3,449.18	1/2	3,170.77	1/2	2,891.96	1/2	2,613.14	1/2	2,334.33	1/2	2,055.52	1/2	1,776.71		
3/4	3/4	3,967.63	3,712.84	3/4	3,443.44	3/4	3,164.96	3/4	2,886.15	3/4	2,607.34	3/4	2,328.52	3/4	2,049.71	3/4	1,770.90		
5	5	3,962.46	3,707.40	5	3,437.70	5	3,159.15	5	2,880.34	5	2,601.53	5	2,322.71	5	2,043.90	5	1,765.09		
1/4	1/4	3,957.26	3,701.93	1/4	3,431.93	1/4	3,153.34	1/4	2,874.53	1/4	2,595.72	1/4	2,316.91	1/4	2,038.09	1/4	1,759.28		
1/2	1/2	3,952.07	3,696.45	1/2	3,426.17	1/2	3,147.54	1/2	2,868.72	1/2	2,589.91	1/2	2,311.10	1/2	2,032.28	1/2	1,753.47		
3/4	3/4	3,946.88	3,690.97	3/4	3,420.40	3/4	3,141.73	3/4	2,862.91	3/4	2,584.10	3/4	2,305.29	3/4	2,026.48	3/4	1,747.66		
6	6	3,941.69	3,685.49	6	3,414.64	6	3,135.92	6	2,857.11	6	2,578.29	6	2,299.48	6	2,020.67	6	1,741.85		
1/4	1/4	3,936.47	3,679.97	1/4	3,408.85	1/4	3,130.11	1/4	2,851.30	1/4	2,572.48	1/4	2,293.67	1/4	2,014.86	1/4	1,736.05		
1/2	1/2	3,931.26	3,674.45	1/2	3,403.07	1/2	3,124.30	1/2	2,845.49	1/2	2,566.68	1/2	2,287.86	1/2	2,009.05	1/2	1,730.24		
3/4	3/4	3,926.04	3,668.93	3/4	3,397.28	3/4	3,118.49	3/4	2,839.68	3/4	2,560.87	3/4	2,282.05	3/4	2,003.24	3/4	1,724.43		
7	7	3,920.83	3,663.41	7	3,391.49	7	3,112.68	7	2,833.87	7	2,555.06	7	2,276.25	7	1,997.43	7	1,718.62		
1/4	1/4	3,915.59	3,657.87	1/4	3,385.69	1/4	3,106.88	1/4	2,828.06	1/4	2,549.25	1/4	2,270.44	1/4	1,991.62	1/4	1,712.81		
1/2	1/2	3,910.36	3,652.32	1/2	3,379.88	1/2	3,101.07	1/2	2,822.25	1/2	2,543.44	1/2	2,264.63	1/2	1,985.82	1/2	1,707.00		
3/4	3/4	3,905.12	3,646.78	3/4	3,374.07	3/4	3,095.26	3/4	2,816.45	3/4	2,537.63	3/4	2,258.82	3/4	1,980.01	3/4	1,701.19		
8	8	3,899.88	3,641.24	8	3,368.26	8	3,089.45	8	2,810.64	8	2,531.82	8	2,253.01	8	1,974.20	8	1,695.39		
1/4	1/4	3,894.62	3,635.67	1/4	3,362.45	1/4	3,083.64	1/4	2,804.83	1/4	2,526.02	1/4	2,247.20	1/4	1,968.39	1/4	1,689.58		
1/2	1/2	3,889.37	3,630.11	1/2	3,356.64	1/2	3,077.83	1/2	2,799.02	1/2	2,520.21	1/2	2,241.39	1/2	1,962.58	1/2	1,683.77		
3/4	3/4	3,884.11	3,624.54	3/4	3,350.84	3/4	3,072.02	3/4	2,793.21	3/4	2,514.40	3/4	2,235.59	3/4	1,956.77	3/4	1,677.96		
9	9	3,878.85	3,618.97	9	3,345.03	9	3,066.21	9	2,787.40	9	2,508.59	9	2,229.78	9	1,950.96	9	1,672.15		
1/4	1/4	3,873.57	3,613.39	1/4	3,339.22	1/4	3,060.41	1/4	2,781.59	1/4	2,502.78	1/4	2,223.97	1/4	1,945.16	1/4	1,666.34		
1/2	1/2	3,868.29	3,607.80	1/2	3,333.41	1/2	3,054.60	1/2	2,775.78	1/2	2,496.97	1/2	2,218.16	1/2	1,939.35	1/2	1,660.53		
3/4	3/4	3,863.01	3,602.21	3/4	3,327.60	3/4	3,048.79	3/4	2,769.98	3/4	2,491.16	3/4	2,212.35	3/4	1,933.54	3/4	1,654.73		
10	10	3,857.72	3,596.62	10	3,321.79	10	3,042.98	10	2,764.17	10	2,485.35	10	2,206.54	10	1,927.73	10	1,648.92		
1/4	1/4	3,852.42	3,591.02	1/4	3,315.98	1/4	3,037.17	1/4	2,758.36	1/4	2,479.55	1/4	2,200.73	1/4	1,921.92	1/4	1,643.11		
1/2	1/2	3,847.12	3,585.41	1/2	3,310.18	1/2	3,031.36	1/2	2,752.55	1/2	2,473.74	1/2	2,194.92	1/2	1,916.11	1/2	1,637.30		
3/4	3/4	3,841.82	3,579.80	3/4	3,304.37	3/4	3,025.55	3/4	2,746.74	3/4	2,467.93	3/4	2,189.12	3/4	1,910.30	3/4	1,631.49		
11	11	3,836.51	3,574.19	11	3,298.56	11	3,019.75	11	2,740.93	11	2,462.12	11	2,183.31	11	1,904.49	11	1,625.68		
1/4	1/4	3,831.19	3,568.55	1/4	3,292.75	1/4	3,013.94	1/4	2,735.12	1/4	2,456.31	1/4	2,177.50	1/4	1,898.69	1/4	1,619.87		
1/2	1/2	3,825.86	3,562.92	1/2	3,286.94	1/2	3,008.13	1/2	2,729.32	1/2	2,450.50	1/2	2,171.69	1/2	1,892.88	1/2	1,614.06		
3/4	3/4	3,820.54	3,557.29	3/4	3,281.13	3/4	3,002.32	3/4	2,723.51	3/4	2,444.69	3/4	2,165.88	3/4	1,887.07	3/4	1,608.26		

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 35'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "DBL 306"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	1,602.45	0	1,323.63	0	1,044.82	0	766.36	0	487.97	0	209.18	0		0		0		0	
1/4	1,596.64	1/4	1,317.83	1/4	1,039.01	1/4	760.57	1/4	482.17	1/4	203.37	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,590.83	1/2	1,312.02	1/2	1,033.20	1/2	754.78	1/2	476.36	1/2	197.56	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,585.02	3/4	1,306.21	3/4	1,027.40	3/4	748.99	3/4	470.55	3/4	191.75	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,579.21	1	1,300.40	1	1,021.59	1	743.20	1	464.74	1	185.94	1	1	1	1	1	1	1	1
1/4	1,573.40	1/4	1,294.59	1/4	1,015.78	1/4	737.41	1/4	458.93	1/4	180.13	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,567.60	1/2	1,288.78	1/2	1,009.97	1/2	731.62	1/2	453.12	1/2	174.33	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,561.79	3/4	1,282.97	3/4	1,004.16	3/4	725.84	3/4	447.32	3/4	168.52	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,555.98	2	1,277.17	2	998.35	2	720.05	2	441.51	2	162.71	2	2	2	2	2	2	2	2
1/4	1,550.17	1/4	1,271.36	1/4	992.54	1/4	714.26	1/4	435.70	1/4	156.90	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,544.36	1/2	1,265.55	1/2	986.74	1/2	708.47	1/2	429.89	1/2	151.09	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,538.55	3/4	1,259.74	3/4	980.93	3/4	702.68	3/4	424.08	3/4	145.28	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,532.74	3	1,253.93	3	975.12	3	696.89	3	418.27	3	139.48	3	3	3	3	3	3	3	3
1/4	1,526.94	1/4	1,248.12	1/4	969.31	1/4	691.10	1/4	412.47	1/4	133.67	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,521.13	1/2	1,242.31	1/2	963.50	1/2	685.31	1/2	406.66	1/2	127.87	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,515.32	3/4	1,236.51	3/4	957.69	3/4	679.52	3/4	400.85	3/4	122.06	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,509.51	4	1,230.70	4	951.88	4	673.73	4	395.04	4	116.26	4	4	4	4	4	4	4	4
1/4	1,503.70	1/4	1,224.89	1/4	946.08	1/4	667.94	1/4	389.23	1/4	110.46	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,497.89	1/2	1,219.08	1/2	940.27	1/2	662.15	1/2	383.42	1/2	104.66	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,492.08	3/4	1,213.27	3/4	934.46	3/4	656.36	3/4	377.62	3/4	98.87	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,486.28	5	1,207.46	5	928.65	5	650.57	5	371.81	5	93.07	5	5	5	5	5	5	5	5
1/4	1,480.47	1/4	1,201.65	1/4	922.84	1/4	644.77	1/4	366.00	1/4	87.29	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,474.66	1/2	1,195.85	1/2	917.03	1/2	638.97	1/2	360.19	1/2	81.51	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,468.85	3/4	1,190.04	3/4	911.22	3/4	633.17	3/4	354.38	3/4	75.73	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,463.04	6	1,184.23	6	905.42	6	627.37	6	348.57	6	69.95	6	6	6	6	6	6	6	6
1/4	1,457.23	1/4	1,178.42	1/4	899.61	1/4	621.56	1/4	342.77	1/4	64.46	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,451.42	1/2	1,172.61	1/2	893.80	1/2	615.76	1/2	336.96	1/2	58.96	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,445.62	3/4	1,166.80	3/4	887.99	3/4	609.95	3/4	331.15	3/4	53.47	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,439.81	7	1,160.99	7	882.18	7	604.14	7	325.34	7	47.97	7	7	7	7	7	7	7	7
1/4	1,434.00	1/4	1,155.19	1/4	876.38	1/4	598.33	1/4	319.53	1/4	43.33	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,428.19	1/2	1,149.38	1/2	870.59	1/2	592.52	1/2	313.72	1/2	38.68	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,422.38	3/4	1,143.57	3/4	864.79	3/4	586.71	3/4	307.92	3/4	34.04	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,416.57	8	1,137.76	8	858.99	8	580.91	8	302.11	8	29.39	8	8	8	8	8	8	8	8
1/4	1,410.76	1/4	1,131.95	1/4	853.20	1/4	575.10	1/4	296.30	1/4	25.91	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,404.96	1/2	1,126.14	1/2	847.41	1/2	569.29	1/2	290.49	1/2	22.42	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,399.15	3/4	1,120.33	3/4	841.62	3/4	563.48	3/4	284.68	3/4	18.94	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,393.34	9	1,114.53	9	835.83	9	557.67	9	278.87	9	15.45	9	9	9	9	9	9	9	9
1/4	1,387.53	1/4	1,108.72	1/4	830.04	1/4	551.87	1/4	273.07	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,381.72	1/2	1,102.91	1/2	824.25	1/2	546.06	1/2	267.26	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,375.91	3/4	1,097.10	3/4	818.46	3/4	540.25	3/4	261.45	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,370.10	10	1,091.29	10	812.67	10	534.44	10	255.64	10		10	10	10	10	10	10	10	10
1/4	1,364.30	1/4	1,085.48	1/4	806.89	1/4	528.63	1/4	249.83	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,358.49	1/2	1,079.67	1/2	801.10	1/2	522.82	1/2	244.03	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,352.68	3/4	1,073.87	3/4	795.31	3/4	517.02	3/4	238.22	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,346.87	11	1,068.06	11	789.52	11	511.21	11	232.41	11		11	11	11	11	11	11	11	11
1/4	1,341.06	1/4	1,062.25	1/4	783.73	1/4	505.40	1/4	226.60	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,335.25	1/2	1,056.44	1/2	777.94	1/2	499.59	1/2	220.79	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,329.44	3/4	1,050.63	3/4	772.15	3/4	493.78	3/4	214.98	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/06/2018 SW
CALCULATED: 11/07/2018 CL
PRINTED: 11/07/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2018

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "DBL 306"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	1,582.60	0	1,304.53	0	1,026.46	0	751.17	0	475.08	0	197.03	0		0		0		0	
1/4	1,576.80	1/4	1,298.74	1/4	1,020.67	1/4	745.48	1/4	469.29	1/4	191.24	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,571.01	1/2	1,292.94	1/2	1,014.87	1/2	739.79	1/2	463.50	1/2	185.44	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,565.22	3/4	1,287.15	3/4	1,009.08	3/4	734.09	3/4	457.71	3/4	179.65	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,559.42	1	1,281.36	1	1,003.29	1	728.40	1	451.91	1	173.86	1	1	1	1	1	1	1	1
1/4	1,553.63	1/4	1,275.56	1/4	997.49	1/4	722.71	1/4	446.12	1/4	168.07	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,547.84	1/2	1,269.77	1/2	991.70	1/2	717.02	1/2	440.33	1/2	162.27	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,542.05	3/4	1,263.98	3/4	985.91	3/4	711.33	3/4	434.53	3/4	156.48	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,536.25	2	1,258.18	2	980.11	2	705.63	2	428.74	2	150.69	2	2	2	2	2	2	2	2
1/4	1,530.46	1/4	1,252.39	1/4	974.32	1/4	699.94	1/4	422.95	1/4	144.90	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,524.67	1/2	1,246.60	1/2	968.53	1/2	694.25	1/2	417.16	1/2	139.10	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,518.87	3/4	1,240.80	3/4	962.74	3/4	688.56	3/4	411.36	3/4	133.31	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,513.08	3	1,235.01	3	956.94	3	682.86	3	405.57	3	127.52	3	3	3	3	3	3	3	3
1/4	1,507.29	1/4	1,229.22	1/4	951.15	1/4	677.17	1/4	399.78	1/4	121.73	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,501.49	1/2	1,223.43	1/2	945.36	1/2	671.48	1/2	393.98	1/2	115.94	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,495.70	3/4	1,217.63	3/4	939.56	3/4	665.78	3/4	388.19	3/4	110.16	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,489.91	4	1,211.84	4	933.77	4	660.08	4	382.40	4	104.38	4	4	4	4	4	4	4	4
1/4	1,484.11	1/4	1,206.05	1/4	927.98	1/4	654.39	1/4	376.61	1/4	98.60	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,478.32	1/2	1,200.25	1/2	922.18	1/2	648.69	1/2	370.81	1/2	92.82	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,472.53	3/4	1,194.46	3/4	916.44	3/4	642.94	3/4	365.02	3/4	87.06	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,466.74	5	1,188.67	5	910.69	5	637.19	5	359.23	5	81.29	5	5	5	5	5	5	5	5
1/4	1,460.94	1/4	1,182.87	1/4	904.94	1/4	631.44	1/4	353.43	1/4	75.53	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,455.15	1/2	1,177.08	1/2	899.19	1/2	625.70	1/2	347.64	1/2	69.77	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,449.36	3/4	1,171.29	3/4	893.49	3/4	619.90	3/4	341.85	3/4	64.29	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,443.56	6	1,165.49	6	887.79	6	614.11	6	336.06	6	58.80	6	6	6	6	6	6	6	6
1/4	1,437.77	1/4	1,159.70	1/4	882.09	1/4	608.32	1/4	330.26	1/4	53.32	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,431.98	1/2	1,153.91	1/2	876.40	1/2	602.53	1/2	324.47	1/2	47.84	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,426.18	3/4	1,148.11	3/4	870.70	3/4	596.73	3/4	318.68	3/4	43.21	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,420.39	7	1,142.32	7	865.01	7	590.94	7	312.89	7	38.58	7	7	7	7	7	7	7	7
1/4	1,414.60	1/4	1,136.53	1/4	859.32	1/4	585.15	1/4	307.09	1/4	33.94	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,408.80	1/2	1,130.74	1/2	853.63	1/2	579.35	1/2	301.30	1/2	29.31	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,403.01	3/4	1,124.94	3/4	847.94	3/4	573.56	3/4	295.51	3/4	25.84	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,397.22	8	1,119.15	8	842.24	8	567.77	8	289.71	8	22.36	8	8	8	8	8	8	8	8
1/4	1,391.43	1/4	1,113.36	1/4	836.55	1/4	561.98	1/4	283.92	1/4	18.89	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,385.63	1/2	1,107.56	1/2	830.86	1/2	556.18	1/2	278.13	1/2	15.41	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,379.84	3/4	1,101.77	3/4	825.17	3/4	550.39	3/4	272.34	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,374.05	9	1,095.98	9	819.48	9	544.60	9	266.54	9		9	9	9	9	9	9	9	9
1/4	1,368.25	1/4	1,090.18	1/4	813.78	1/4	538.80	1/4	260.75	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,362.46	1/2	1,084.39	1/2	808.09	1/2	533.01	1/2	254.96	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,356.67	3/4	1,078.60	3/4	802.40	3/4	527.22	3/4	249.16	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,350.87	10	1,072.80	10	796.71	10	521.43	10	243.37	10		10	10	10	10	10	10	10	10
1/4	1,345.08	1/4	1,067.01	1/4	791.01	1/4	515.63	1/4	237.58	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,339.29	1/2	1,061.22	1/2	785.32	1/2	509.84	1/2	231.79	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,333.49	3/4	1,055.43	3/4	779.63	3/4	504.05	3/4	225.99	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,327.70	11	1,049.63	11	773.94	11	498.25	11	220.20	11		11	11	11	11	11	11	11	11
1/4	1,321.91	1/4	1,043.84	1/4	768.25	1/4	492.46	1/4	214.41	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,316.11	1/2	1,038.05	1/2	762.55	1/2	486.67	1/2	208.61	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,310.32	3/4	1,032.25	3/4	756.86	3/4	480.88	3/4	202.82	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/06/2018 SW
CALCULATED: 11/07/2018 CL
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CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2018

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BARGE "DBL 306"

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	3,882.56	0	3,671.76	0	3,437.26	0	3,190.33	0	2,941.07	0	2,690.10	0	2,414.79	0	2,139.59	0	1,862.68	
1/4	1/4	3,879.93	1/4	3,667.02	1/4	3,432.22	1/4	3,185.14	1/4	2,935.88	1/4	2,684.34	1/4	2,409.07	1/4	2,133.82	1/4	1,856.91	
1/2	1/2	3,877.29	1/2	3,662.29	1/2	3,427.18	1/2	3,179.95	1/2	2,930.68	1/2	2,678.58	1/2	2,403.36	1/2	2,128.05	1/2	1,851.14	
3/4	3/4	3,874.66	3/4	3,657.55	3/4	3,422.14	3/4	3,174.75	3/4	2,925.49	3/4	2,672.82	3/4	2,397.64	3/4	2,122.28	3/4	1,845.37	
1	1	3,871.19	1	3,652.79	1	3,417.08	1	3,169.56	1	2,920.30	1	2,667.06	1	2,391.92	1	2,116.51	1	1,839.60	
1/4	1/4	3,867.73	1/4	3,648.03	1/4	3,412.02	1/4	3,164.37	1/4	2,915.10	1/4	2,661.30	1/4	2,386.21	1/4	2,110.74	1/4	1,833.83	
1/2	1/2	3,864.27	1/2	3,643.26	1/2	3,406.96	1/2	3,159.17	1/2	2,909.91	1/2	2,655.54	1/2	2,380.49	1/2	2,104.97	1/2	1,828.06	
3/4	3/4	3,860.81	3/4	3,638.50	3/4	3,401.90	3/4	3,153.98	3/4	2,904.72	3/4	2,649.78	3/4	2,374.77	3/4	2,099.20	3/4	1,822.29	
2	2	3,856.50	2	3,633.72	2	3,396.82	2	3,148.79	2	2,899.52	2	2,644.02	2	2,369.06	2	2,093.44	2	1,816.52	
1/4	1/4	3,852.20	1/4	3,628.94	1/4	3,391.73	1/4	3,143.60	1/4	2,894.33	1/4	2,638.26	1/4	2,363.34	1/4	2,087.67	1/4	1,810.75	
1/2	1/2	3,847.89	1/2	3,624.16	1/2	3,386.65	1/2	3,138.40	1/2	2,889.14	1/2	2,632.50	1/2	2,357.62	1/2	2,081.90	1/2	1,804.99	
3/4	3/4	3,843.58	3/4	3,619.37	3/4	3,381.57	3/4	3,133.21	3/4	2,883.95	3/4	2,626.74	3/4	2,351.91	3/4	2,076.13	3/4	1,799.22	
3	3	3,838.93	3	3,614.57	3	3,376.46	3	3,128.02	3	2,878.75	3	2,620.98	3	2,346.19	3	2,070.36	3	1,793.45	
1/4	1/4	3,834.28	1/4	3,609.77	1/4	3,371.36	1/4	3,122.82	1/4	2,873.56	1/4	2,615.22	1/4	2,340.48	1/4	2,064.59	1/4	1,787.68	
1/2	1/2	3,829.63	1/2	3,604.97	1/2	3,366.25	1/2	3,117.63	1/2	2,868.37	1/2	2,609.46	1/2	2,334.76	1/2	2,058.82	1/2	1,781.91	
3/4	3/4	3,824.98	3/4	3,600.16	3/4	3,361.15	3/4	3,112.44	3/4	2,863.17	3/4	2,603.70	3/4	2,329.04	3/4	2,053.05	3/4	1,776.14	
4	4	3,820.42	4	3,595.34	4	3,356.02	4	3,107.24	4	2,857.98	4	2,597.94	4	2,323.33	4	2,047.28	4	1,770.37	
1/4	1/4	3,815.86	1/4	3,590.51	1/4	3,350.89	1/4	3,102.05	1/4	2,852.79	1/4	2,592.18	1/4	2,317.61	1/4	2,041.51	1/4	1,764.60	
1/2	1/2	3,811.29	1/2	3,585.69	1/2	3,345.77	1/2	3,096.86	1/2	2,847.59	1/2	2,586.42	1/2	2,311.89	1/2	2,035.75	1/2	1,758.83	
3/4	3/4	3,806.73	3/4	3,580.86	3/4	3,340.64	3/4	3,091.67	3/4	2,842.40	3/4	2,580.65	3/4	2,306.18	3/4	2,029.98	3/4	1,753.06	
5	5	3,802.15	5	3,576.00	5	3,335.49	5	3,086.47	5	2,837.21	5	2,574.92	5	2,300.46	5	2,024.21	5	1,747.30	
1/4	1/4	3,797.56	1/4	3,571.13	1/4	3,330.34	1/4	3,081.28	1/4	2,832.02	1/4	2,569.18	1/4	2,294.74	1/4	2,018.44	1/4	1,741.53	
1/2	1/2	3,792.98	1/2	3,566.26	1/2	3,325.19	1/2	3,076.09	1/2	2,826.82	1/2	2,563.44	1/2	2,289.03	1/2	2,012.67	1/2	1,735.76	
3/4	3/4	3,788.39	3/4	3,561.40	3/4	3,320.04	3/4	3,070.89	3/4	2,821.63	3/4	2,557.70	3/4	2,283.31	3/4	2,006.90	3/4	1,729.99	
6	6	3,783.78	6	3,556.49	6	3,314.87	6	3,065.70	6	2,816.44	6	2,551.99	6	2,277.59	6	2,001.13	6	1,724.22	
1/4	1/4	3,779.18	1/4	3,551.58	1/4	3,309.70	1/4	3,060.51	1/4	2,811.24	1/4	2,546.27	1/4	2,271.88	1/4	1,995.36	1/4	1,718.45	
1/2	1/2	3,774.57	1/2	3,546.67	1/2	3,304.53	1/2	3,055.31	1/2	2,806.05	1/2	2,540.55	1/2	2,266.16	1/2	1,989.59	1/2	1,712.68	
3/4	3/4	3,769.96	3/4	3,541.77	3/4	3,299.36	3/4	3,050.12	3/4	2,800.86	3/4	2,534.84	3/4	2,260.44	3/4	1,983.82	3/4	1,706.91	
7	7	3,765.33	7	3,536.84	7	3,294.17	7	3,044.93	7	2,795.66	7	2,529.12	7	2,254.73	7	1,978.06	7	1,701.14	
1/4	1/4	3,760.70	1/4	3,531.91	1/4	3,288.99	1/4	3,039.74	1/4	2,790.47	1/4	2,523.40	1/4	2,249.01	1/4	1,972.29	1/4	1,695.37	
1/2	1/2	3,756.08	1/2	3,526.98	1/2	3,283.80	1/2	3,034.54	1/2	2,785.28	1/2	2,517.69	1/2	2,243.29	1/2	1,966.52	1/2	1,689.61	
3/4	3/4	3,751.45	3/4	3,522.05	3/4	3,278.61	3/4	3,029.35	3/4	2,780.09	3/4	2,511.97	3/4	2,237.58	3/4	1,960.75	3/4	1,683.84	
8	8	3,746.80	8	3,517.10	8	3,273.42	8	3,024.16	8	2,774.89	8	2,506.25	8	2,231.83	8	1,954.98	8	1,678.07	
1/4	1/4	3,742.14	1/4	3,512.15	1/4	3,268.23	1/4	3,018.96	1/4	2,769.70	1/4	2,500.54	1/4	2,226.08	1/4	1,949.21	1/4	1,672.30	
1/2	1/2	3,737.49	1/2	3,507.20	1/2	3,263.03	1/2	3,013.77	1/2	2,764.51	1/2	2,494.82	1/2	2,220.33	1/2	1,943.44	1/2	1,666.53	
3/4	3/4	3,732.84	3/4	3,502.24	3/4	3,257.84	3/4	3,008.58	3/4	2,759.31	3/4	2,489.10	3/4	2,214.58	3/4	1,937.67	3/4	1,660.76	
9	9	3,728.17	9	3,497.27	9	3,252.65	9	3,003.38	9	2,754.12	9	2,483.39	9	2,208.82	9	1,931.90	9	1,654.99	
1/4	1/4	3,723.50	1/4	3,492.30	1/4	3,247.46	1/4	2,998.19	1/4	2,748.93	1/4	2,477.67	1/4	2,203.05	1/4	1,926.13	1/4	1,649.22	
1/2	1/2	3,718.82	1/2	3,487.32	1/2	3,242.26	1/2	2,993.00	1/2	2,743.73	1/2	2,471.95	1/2	2,197.28	1/2	1,920.37	1/2	1,643.45	
3/4	3/4	3,714.15	3/4	3,482.35	3/4	3,237.07	3/4	2,987.81	3/4	2,738.54	3/4	2,466.24	3/4	2,191.51	3/4	1,914.60	3/4	1,637.68	
10	10	3,709.46	10	3,477.36	10	3,231.88	10	2,982.61	10	2,733.35	10	2,460.52	10	2,185.74	10	1,908.83	10	1,631.92	
1/4	1/4	3,704.76	1/4	3,472.36	1/4	3,226.68	1/4	2,977.42	1/4	2,728.16	1/4	2,454.81	1/4	2,179.97	1/4	1,903.06	1/4	1,626.15	
1/2	1/2	3,700.07	1/2	3,467.37	1/2	3,221.49	1/2	2,972.23	1/2	2,722.96	1/2	2,449.09	1/2	2,174.20	1/2	1,897.29	1/2	1,620.38	
3/4	3/4	3,695.37	3/4	3,462.37	3/4	3,216.30	3/4	2,967.03	3/4	2,717.77	3/4	2,443.37	3/4	2,168.43	3/4	1,891.52	3/4	1,614.61	
11	11	3,690.65	11	3,457.35	11	3,211.10	11	2,961.84	11	2,712.29	11	2,437.66	11	2,162.66	11	1,885.75	11	1,608.84	
1/4	1/4	3,685.94	1/4	3,452.34	1/4	3,205.91	1/4	2,956.65	1/4	2,706.82	1/4	2,431.94	1/4	2,156.89	1/4	1,879.98	1/4	1,603.07	
1/2	1/2	3,681.22	1/2	3,447.32	1/2	3,200.72	1/2	2,951.45	1/2	2,701.34	1/2	2,426.22	1/2	2,151.13	1/2	1,874.21	1/2	1,597.30	
3/4	3/4	3,676.50	3/4	3,442.30	3/4	3,195.53	3/4	2,946.26	3/4	2,695.86	3/4	2,420.51	3/4	2,145.36	3/4	1,868.44	3/4	1,591.53	

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 28'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "DBL 306"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	1,585.76	0	1,308.85	0	1,031.94	0	755.47	0	478.89	0	201.99	0		0		0		0	
1/4	1,579.99	1/4	1,303.08	1/4	1,026.17	1/4	749.72	1/4	473.12	1/4	196.22	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,574.23	1/2	1,297.31	1/2	1,020.40	1/2	743.97	1/2	467.35	1/2	190.45	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,568.46	3/4	1,291.54	3/4	1,014.63	3/4	738.22	3/4	461.58	3/4	184.68	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,562.69	1	1,285.78	1	1,008.86	1	732.47	1	455.81	1	178.91	1	1	1	1	1	1	1	1
1/4	1,556.92	1/4	1,280.01	1/4	1,003.09	1/4	726.72	1/4	450.05	1/4	173.14	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,551.15	1/2	1,274.24	1/2	997.33	1/2	720.97	1/2	444.28	1/2	167.37	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,545.38	3/4	1,268.47	3/4	991.56	3/4	715.22	3/4	438.51	3/4	161.61	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,539.61	2	1,262.70	2	985.79	2	709.47	2	432.74	2	155.84	2	2	2	2	2	2	2	2
1/4	1,533.84	1/4	1,256.93	1/4	980.02	1/4	703.72	1/4	426.97	1/4	150.07	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,528.07	1/2	1,251.16	1/2	974.25	1/2	697.97	1/2	421.20	1/2	144.30	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,522.30	3/4	1,245.39	3/4	968.48	3/4	692.22	3/4	415.43	3/4	138.53	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,516.54	3	1,239.62	3	962.71	3	686.47	3	409.66	3	132.77	3	3	3	3	3	3	3	3
1/4	1,510.77	1/4	1,233.85	1/4	956.94	1/4	680.72	1/4	403.90	1/4	127.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,505.00	1/2	1,228.09	1/2	951.17	1/2	674.97	1/2	398.13	1/2	121.24	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,499.23	3/4	1,222.32	3/4	945.40	3/4	669.22	3/4	392.36	3/4	115.47	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,493.46	4	1,216.55	4	939.64	4	663.46	4	386.59	4	109.71	4	4	4	4	4	4	4	4
1/4	1,487.69	1/4	1,210.78	1/4	933.87	1/4	657.70	1/4	380.82	1/4	103.96	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,481.92	1/2	1,205.01	1/2	928.10	1/2	651.94	1/2	375.05	1/2	98.20	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,476.15	3/4	1,199.24	3/4	922.33	3/4	646.19	3/4	369.28	3/4	92.44	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,470.38	5	1,193.47	5	916.56	5	640.42	5	363.51	5	86.70	5	5	5	5	5	5	5	5
1/4	1,464.61	1/4	1,187.70	1/4	910.79	1/4	634.65	1/4	357.75	1/4	80.96	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,458.85	1/2	1,181.93	1/2	905.02	1/2	628.88	1/2	351.98	1/2	75.22	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,453.08	3/4	1,176.16	3/4	899.25	3/4	623.11	3/4	346.21	3/4	69.48	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,447.31	6	1,170.40	6	893.49	6	617.34	6	340.44	6	64.02	6	6	6	6	6	6	6	6
1/4	1,441.54	1/4	1,164.63	1/4	887.73	1/4	611.57	1/4	334.67	1/4	58.57	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,435.77	1/2	1,158.86	1/2	881.97	1/2	605.80	1/2	328.90	1/2	53.11	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,430.00	3/4	1,153.09	3/4	876.21	3/4	600.03	3/4	323.13	3/4	47.65	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,424.23	7	1,147.32	7	870.47	7	594.27	7	317.36	7	43.04	7	7	7	7	7	7	7	7
1/4	1,418.46	1/4	1,141.55	1/4	864.72	1/4	588.50	1/4	311.59	1/4	38.42	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,412.69	1/2	1,135.78	1/2	858.97	1/2	582.73	1/2	305.83	1/2	33.81	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,406.92	3/4	1,130.01	3/4	853.22	3/4	576.96	3/4	300.06	3/4	29.20	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,401.16	8	1,124.24	8	847.47	8	571.19	8	294.29	8	25.74	8	8	8	8	8	8	8	8
1/4	1,395.39	1/4	1,118.47	1/4	841.72	1/4	565.42	1/4	288.52	1/4	22.27	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,389.62	1/2	1,112.71	1/2	835.97	1/2	559.65	1/2	282.75	1/2	18.81	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,383.85	3/4	1,106.94	3/4	830.22	3/4	553.88	3/4	276.98	3/4	15.35	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,378.08	9	1,101.17	9	824.47	9	548.12	9	271.21	9		9	9	9	9	9	9	9	9
1/4	1,372.31	1/4	1,095.40	1/4	818.72	1/4	542.35	1/4	265.44	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,366.54	1/2	1,089.63	1/2	812.97	1/2	536.58	1/2	259.68	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,360.77	3/4	1,083.86	3/4	807.22	3/4	530.81	3/4	253.91	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,355.00	10	1,078.09	10	801.47	10	525.04	10	248.14	10		10	10	10	10	10	10	10	10
1/4	1,349.23	1/4	1,072.32	1/4	795.72	1/4	519.27	1/4	242.37	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,343.47	1/2	1,066.55	1/2	789.97	1/2	513.50	1/2	236.60	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,337.70	3/4	1,060.78	3/4	784.22	3/4	507.73	3/4	230.83	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,331.93	11	1,055.02	11	778.47	11	501.97	11	225.06	11		11	11	11	11	11	11	11	11
1/4	1,326.16	1/4	1,049.25	1/4	772.72	1/4	496.20	1/4	219.29	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,320.39	1/2	1,043.48	1/2	766.97	1/2	490.43	1/2	213.53	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,314.62	3/4	1,037.71	3/4	761.22	3/4	484.66	3/4	207.76	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/06/2018 SW
CALCULATED: 11/07/2018 CL
PRINTED: 11/07/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2018

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "DBL 306"

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	3,882.29	0	3,671.35	0	3,436.71	0	3,189.66	0	2,940.27	0	2,689.19	0	2,413.78	0	2,138.51	0	1,861.51	
1/4	1/4	3,879.65	1/4	3,666.61	1/4	3,431.67	1/4	3,184.46	1/4	2,935.08	1/4	2,683.43	1/4	2,408.06	1/4	2,132.74	1/4	1,855.74	
1/2	1/2	3,877.02	1/2	3,661.87	1/2	3,426.63	1/2	3,179.27	1/2	2,929.88	1/2	2,677.66	1/2	2,402.35	1/2	2,126.97	1/2	1,849.96	
3/4	3/4	3,874.38	3/4	3,657.13	3/4	3,421.59	3/4	3,174.07	3/4	2,924.69	3/4	2,671.90	3/4	2,396.63	3/4	2,121.20	3/4	1,844.19	
1	1	3,870.91	1	3,652.36	1	3,416.52	1	3,168.87	1	2,919.49	1	2,666.14	1	2,390.91	1	2,115.43	1	1,838.42	
1/4	1/4	3,867.45	1/4	3,647.60	1/4	3,411.46	1/4	3,163.68	1/4	2,914.30	1/4	2,660.38	1/4	2,385.19	1/4	2,109.66	1/4	1,832.65	
1/2	1/2	3,863.99	1/2	3,642.83	1/2	3,406.39	1/2	3,158.48	1/2	2,909.10	1/2	2,654.61	1/2	2,379.47	1/2	2,103.88	1/2	1,826.88	
3/4	3/4	3,860.53	3/4	3,638.07	3/4	3,401.33	3/4	3,153.29	3/4	2,903.90	3/4	2,648.85	3/4	2,373.75	3/4	2,098.11	3/4	1,821.11	
2	2	3,856.22	2	3,633.28	2	3,396.24	2	3,148.09	2	2,898.71	2	2,643.09	2	2,368.04	2	2,092.34	2	1,815.34	
1/4	1/4	3,851.90	1/4	3,628.50	1/4	3,391.16	1/4	3,142.90	1/4	2,893.51	1/4	2,637.33	1/4	2,362.32	1/4	2,086.57	1/4	1,809.57	
1/2	1/2	3,847.59	1/2	3,623.71	1/2	3,386.07	1/2	3,137.70	1/2	2,888.32	1/2	2,631.57	1/2	2,356.60	1/2	2,080.80	1/2	1,803.80	
3/4	3/4	3,843.28	3/4	3,618.93	3/4	3,380.99	3/4	3,132.51	3/4	2,883.12	3/4	2,625.80	3/4	2,350.88	3/4	2,075.03	3/4	1,798.03	
3	3	3,838.63	3	3,614.12	3	3,375.88	3	3,127.31	3	2,877.93	3	2,620.04	3	2,345.16	3	2,069.26	3	1,792.26	
1/4	1/4	3,833.98	1/4	3,609.32	1/4	3,370.77	1/4	3,122.12	1/4	2,872.73	1/4	2,614.28	1/4	2,339.45	1/4	2,063.49	1/4	1,786.49	
1/2	1/2	3,829.33	1/2	3,604.51	1/2	3,365.66	1/2	3,116.92	1/2	2,867.54	1/2	2,608.52	1/2	2,333.73	1/2	2,057.72	1/2	1,780.71	
3/4	3/4	3,824.68	3/4	3,599.70	3/4	3,360.56	3/4	3,111.72	3/4	2,862.34	3/4	2,602.75	3/4	2,328.01	3/4	2,051.95	3/4	1,774.94	
4	4	3,820.11	4	3,594.88	4	3,355.43	4	3,106.53	4	2,857.14	4	2,596.99	4	2,322.29	4	2,046.18	4	1,769.17	
1/4	1/4	3,815.54	1/4	3,590.05	1/4	3,350.30	1/4	3,101.33	1/4	2,851.95	1/4	2,591.23	1/4	2,316.57	1/4	2,040.40	1/4	1,763.40	
1/2	1/2	3,810.98	1/2	3,585.22	1/2	3,345.17	1/2	3,096.14	1/2	2,846.75	1/2	2,585.47	1/2	2,310.85	1/2	2,034.63	1/2	1,757.63	
3/4	3/4	3,806.41	3/4	3,580.39	3/4	3,340.04	3/4	3,090.94	3/4	2,841.56	3/4	2,579.71	3/4	2,305.14	3/4	2,028.86	3/4	1,751.86	
5	5	3,801.82	5	3,575.52	5	3,334.89	5	3,085.75	5	2,836.36	5	2,573.96	5	2,299.42	5	2,023.09	5	1,746.09	
1/4	1/4	3,797.23	1/4	3,570.65	1/4	3,329.73	1/4	3,080.55	1/4	2,831.17	1/4	2,568.22	1/4	2,293.70	1/4	2,017.32	1/4	1,740.32	
1/2	1/2	3,792.65	1/2	3,565.78	1/2	3,324.58	1/2	3,075.36	1/2	2,825.97	1/2	2,562.48	1/2	2,287.98	1/2	2,011.55	1/2	1,734.55	
3/4	3/4	3,788.06	3/4	3,560.92	3/4	3,319.43	3/4	3,070.16	3/4	2,820.78	3/4	2,556.74	3/4	2,282.26	3/4	2,005.78	3/4	1,728.78	
6	6	3,783.45	6	3,556.00	6	3,314.26	6	3,064.96	6	2,815.58	6	2,551.02	6	2,276.54	6	2,000.01	6	1,723.01	
1/4	1/4	3,778.84	1/4	3,551.09	1/4	3,309.08	1/4	3,059.77	1/4	2,810.39	1/4	2,545.30	1/4	2,270.83	1/4	1,994.24	1/4	1,717.23	
1/2	1/2	3,774.23	1/2	3,546.18	1/2	3,303.91	1/2	3,054.57	1/2	2,805.19	1/2	2,539.59	1/2	2,265.11	1/2	1,988.47	1/2	1,711.46	
3/4	3/4	3,769.62	3/4	3,541.27	3/4	3,298.74	3/4	3,049.38	3/4	2,799.99	3/4	2,533.87	3/4	2,259.39	3/4	1,982.70	3/4	1,705.69	
7	7	3,764.98	7	3,536.34	7	3,293.55	7	3,044.18	7	2,794.80	7	2,528.15	7	2,253.67	7	1,976.92	7	1,699.92	
1/4	1/4	3,760.35	1/4	3,531.41	1/4	3,288.36	1/4	3,038.99	1/4	2,789.60	1/4	2,522.43	1/4	2,247.95	1/4	1,971.15	1/4	1,694.15	
1/2	1/2	3,755.72	1/2	3,526.48	1/2	3,283.17	1/2	3,033.79	1/2	2,784.41	1/2	2,516.71	1/2	2,242.23	1/2	1,965.38	1/2	1,688.38	
3/4	3/4	3,751.09	3/4	3,521.55	3/4	3,277.98	3/4	3,028.60	3/4	2,779.21	3/4	2,510.99	3/4	2,236.52	3/4	1,959.61	3/4	1,682.61	
8	8	3,746.43	8	3,516.59	8	3,272.78	8	3,023.40	8	2,774.02	8	2,505.28	8	2,230.77	8	1,953.84	8	1,676.84	
1/4	1/4	3,741.78	1/4	3,511.64	1/4	3,267.59	1/4	3,018.21	1/4	2,768.82	1/4	2,499.56	1/4	2,225.02	1/4	1,948.07	1/4	1,671.07	
1/2	1/2	3,737.12	1/2	3,506.68	1/2	3,262.39	1/2	3,013.01	1/2	2,763.63	1/2	2,493.84	1/2	2,219.28	1/2	1,942.30	1/2	1,665.30	
3/4	3/4	3,732.47	3/4	3,501.73	3/4	3,257.20	3/4	3,007.81	3/4	2,758.43	3/4	2,488.12	3/4	2,213.53	3/4	1,936.53	3/4	1,659.53	
9	9	3,727.79	9	3,496.75	9	3,252.00	9	3,002.62	9	2,753.23	9	2,482.40	9	2,207.76	9	1,930.76	9	1,653.75	
1/4	1/4	3,723.12	1/4	3,491.78	1/4	3,246.81	1/4	2,997.42	1/4	2,748.04	1/4	2,476.68	1/4	2,201.99	1/4	1,924.99	1/4	1,647.98	
1/2	1/2	3,718.44	1/2	3,486.80	1/2	3,241.61	1/2	2,992.23	1/2	2,742.84	1/2	2,470.97	1/2	2,196.22	1/2	1,919.22	1/2	1,642.21	
3/4	3/4	3,713.77	3/4	3,481.82	3/4	3,236.42	3/4	2,987.03	3/4	2,737.65	3/4	2,465.25	3/4	2,190.45	3/4	1,913.44	3/4	1,636.44	
10	10	3,709.07	10	3,476.83	10	3,231.22	10	2,981.84	10	2,732.45	10	2,459.53	10	2,184.68	10	1,907.67	10	1,630.67	
1/4	1/4	3,704.37	1/4	3,471.83	1/4	3,226.03	1/4	2,976.64	1/4	2,727.26	1/4	2,453.81	1/4	2,178.91	1/4	1,901.90	1/4	1,624.90	
1/2	1/2	3,699.67	1/2	3,466.83	1/2	3,220.83	1/2	2,971.45	1/2	2,722.06	1/2	2,448.09	1/2	2,173.14	1/2	1,896.13	1/2	1,619.13	
3/4	3/4	3,694.97	3/4	3,461.83	3/4	3,215.63	3/4	2,966.25	3/4	2,716.87	3/4	2,442.37	3/4	2,167.36	3/4	1,890.36	3/4	1,613.36	
11	11	3,690.25	11	3,456.81	11	3,210.44	11	2,961.05	11	2,711.39	11	2,436.66	11	2,161.59	11	1,884.59	11	1,607.59	
1/4	1/4	3,685.53	1/4	3,451.79	1/4	3,205.24	1/4	2,955.86	1/4	2,705.91	1/4	2,430.94	1/4	2,155.82	1/4	1,878.82	1/4	1,601.82	
1/2	1/2	3,680.81	1/2	3,446.77	1/2	3,200.05	1/2	2,950.66	1/2	2,700.43	1/2	2,425.22	1/2	2,150.05	1/2	1,873.05	1/2	1,596.05	
3/4	3/4	3,676.09	3/4	3,441.75	3/4	3,194.85	3/4	2,945.47	3/4	2,694.95	3/4	2,419.50	3/4	2,144.28	3/4	1,867.28	3/4	1,590.27	

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 28'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "DBL 306"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	1,584.50	0	1,307.50	0	1,030.50	0	754.93	0	479.04	0	202.05	0		0		0		0	
1/4	1,578.73	1/4	1,301.73	1/4	1,024.73	1/4	749.21	1/4	473.27	1/4	196.28	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,572.96	1/2	1,295.96	1/2	1,018.96	1/2	743.50	1/2	467.50	1/2	190.51	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,567.19	3/4	1,290.19	3/4	1,013.18	3/4	737.78	3/4	461.73	3/4	184.74	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,561.42	1	1,284.42	1	1,007.41	1	732.07	1	455.96	1	178.97	1	1	1	1	1	1	1	1
1/4	1,555.65	1/4	1,278.65	1/4	1,001.64	1/4	726.35	1/4	450.19	1/4	173.20	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,549.88	1/2	1,272.87	1/2	995.87	1/2	720.63	1/2	444.42	1/2	167.43	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,544.11	3/4	1,267.10	3/4	990.10	3/4	714.92	3/4	438.65	3/4	161.66	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,538.34	2	1,261.33	2	984.33	2	709.20	2	432.88	2	155.89	2	2	2	2	2	2	2	2
1/4	1,532.57	1/4	1,255.56	1/4	978.56	1/4	703.49	1/4	427.10	1/4	150.12	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,526.79	1/2	1,249.79	1/2	972.79	1/2	697.77	1/2	421.33	1/2	144.35	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,521.02	3/4	1,244.02	3/4	967.02	3/4	692.05	3/4	415.56	3/4	138.58	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,515.25	3	1,238.25	3	961.25	3	686.34	3	409.79	3	132.81	3	3	3	3	3	3	3	3
1/4	1,509.48	1/4	1,232.48	1/4	955.48	1/4	680.62	1/4	404.02	1/4	127.04	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,503.71	1/2	1,226.71	1/2	949.70	1/2	674.91	1/2	398.25	1/2	121.27	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,497.94	3/4	1,220.94	3/4	943.93	3/4	669.19	3/4	392.48	3/4	115.51	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,492.17	4	1,215.17	4	938.16	4	663.47	4	386.71	4	109.75	4	4	4	4	4	4	4	4
1/4	1,486.40	1/4	1,209.40	1/4	932.39	1/4	657.75	1/4	380.94	1/4	103.99	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,480.63	1/2	1,203.62	1/2	926.62	1/2	652.03	1/2	375.17	1/2	98.23	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,474.86	3/4	1,197.85	3/4	920.85	3/4	646.30	3/4	369.40	3/4	92.47	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,469.09	5	1,192.08	5	915.10	5	640.55	5	363.63	5	86.73	5	5	5	5	5	5	5	5
1/4	1,463.31	1/4	1,186.31	1/4	909.35	1/4	634.80	1/4	357.86	1/4	80.99	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,457.54	1/2	1,180.54	1/2	903.60	1/2	629.05	1/2	352.09	1/2	75.25	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,451.77	3/4	1,174.77	3/4	897.85	3/4	623.30	3/4	346.32	3/4	69.50	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,446.00	6	1,169.00	6	892.13	6	617.53	6	340.55	6	64.04	6	6	6	6	6	6	6	6
1/4	1,440.23	1/4	1,163.23	1/4	886.41	1/4	611.76	1/4	334.77	1/4	58.58	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,434.46	1/2	1,157.46	1/2	880.68	1/2	605.99	1/2	329.00	1/2	53.12	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,428.69	3/4	1,151.69	3/4	874.96	3/4	600.22	3/4	323.23	3/4	47.66	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,422.92	7	1,145.92	7	869.24	7	594.45	7	317.46	7	43.05	7	7	7	7	7	7	7	7
1/4	1,417.15	1/4	1,140.14	1/4	863.53	1/4	588.68	1/4	311.69	1/4	38.43	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,411.38	1/2	1,134.37	1/2	857.81	1/2	582.91	1/2	305.92	1/2	33.82	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,405.61	3/4	1,128.60	3/4	852.10	3/4	577.14	3/4	300.15	3/4	29.20	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,399.83	8	1,122.83	8	846.38	8	571.37	8	294.38	8	25.74	8	8	8	8	8	8	8	8
1/4	1,394.06	1/4	1,117.06	1/4	840.67	1/4	565.60	1/4	288.61	1/4	22.28	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,388.29	1/2	1,111.29	1/2	834.95	1/2	559.83	1/2	282.84	1/2	18.82	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,382.52	3/4	1,105.52	3/4	829.23	3/4	554.06	3/4	277.07	3/4	15.36	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,376.75	9	1,099.75	9	823.52	9	548.29	9	271.30	9		9	9	9	9	9	9	9	9
1/4	1,370.98	1/4	1,093.98	1/4	817.80	1/4	542.52	1/4	265.53	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,365.21	1/2	1,088.21	1/2	812.09	1/2	536.75	1/2	259.76	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,359.44	3/4	1,082.44	3/4	806.37	3/4	530.98	3/4	253.99	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,353.67	10	1,076.66	10	800.66	10	525.20	10	248.22	10		10	10	10	10	10	10	10	10
1/4	1,347.90	1/4	1,070.89	1/4	794.94	1/4	519.43	1/4	242.45	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,342.13	1/2	1,065.12	1/2	789.22	1/2	513.66	1/2	236.67	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,336.35	3/4	1,059.35	3/4	783.51	3/4	507.89	3/4	230.90	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,330.58	11	1,053.58	11	777.79	11	502.12	11	225.13	11		11	11	11	11	11	11	11	11
1/4	1,324.81	1/4	1,047.81	1/4	772.08	1/4	496.35	1/4	219.36	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,319.04	1/2	1,042.04	1/2	766.36	1/2	490.58	1/2	213.59	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,313.27	3/4	1,036.27	3/4	760.64	3/4	484.81	3/4	207.82	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/06/2018 SW
CALCULATED: 11/07/2018 CL
PRINTED: 11/07/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2018

PRECISION MEASUREMENT
& ANALYSIS, INC.
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