



# BARGE "DBL 307"

## 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	00-5/8	- 00-5/8	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 30, 2018

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "DBL 307"

## 1 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	4,172.94	0	4,022.34	0	3,843.51	0	3,649.83	0	3,453.33	0	3,248.28	0	2,914.53	0	2,580.02	0	2,244.75	
1/4	1/4	4,171.90	1/4	4,018.78	1/4	3,839.60	1/4	3,645.74	1/4	3,449.24	1/4	3,241.34	1/4	2,907.57	1/4	2,573.04	1/4	2,237.76	
1/2	1/2	4,170.87	1/2	4,015.23	1/2	3,835.70	1/2	3,641.64	1/2	3,445.14	1/2	3,234.40	1/2	2,900.61	1/2	2,566.05	1/2	2,230.78	
3/4	3/4	4,169.84	3/4	4,011.68	3/4	3,831.79	3/4	3,637.55	3/4	3,441.05	3/4	3,227.45	3/4	2,893.64	3/4	2,559.07	3/4	2,223.79	
1	1	4,167.81	1	4,008.10	1	3,827.85	1	3,633.46	1	3,436.95	1	3,220.51	1	2,886.68	1	2,552.08	1	2,216.81	
1/4	1/4	4,165.77	1/4	4,004.52	1/4	3,823.92	1/4	3,629.36	1/4	3,432.86	1/4	3,213.57	1/4	2,879.72	1/4	2,545.10	1/4	2,209.82	
1/2	1/2	4,163.74	1/2	4,000.94	1/2	3,819.99	1/2	3,625.27	1/2	3,428.77	1/2	3,206.63	1/2	2,872.76	1/2	2,538.11	1/2	2,202.84	
3/4	3/4	4,161.71	3/4	3,997.36	3/4	3,816.05	3/4	3,621.17	3/4	3,424.67	3/4	3,199.69	3/4	2,865.80	3/4	2,531.13	3/4	2,195.85	
2	2	4,158.67	2	3,993.75	2	3,812.09	2	3,617.08	2	3,420.58	2	3,192.74	2	2,858.83	2	2,524.14	2	2,188.87	
1/4	1/4	4,155.62	1/4	3,990.15	1/4	3,808.13	1/4	3,612.99	1/4	3,416.48	1/4	3,185.80	1/4	2,851.87	1/4	2,517.16	1/4	2,181.88	
1/2	1/2	4,152.57	1/2	3,986.54	1/2	3,804.17	1/2	3,608.89	1/2	3,412.39	1/2	3,178.86	1/2	2,844.91	1/2	2,510.17	1/2	2,174.90	
3/4	3/4	4,149.53	3/4	3,982.94	3/4	3,800.21	3/4	3,604.80	3/4	3,408.30	3/4	3,171.92	3/4	2,837.95	3/4	2,503.19	3/4	2,167.91	
3	3	4,146.09	3	3,979.30	3	3,796.22	3	3,600.71	3	3,404.20	3	3,164.98	3	2,830.99	3	2,496.20	3	2,160.93	
1/4	1/4	4,142.64	1/4	3,975.67	1/4	3,792.23	1/4	3,596.61	1/4	3,400.11	1/4	3,158.03	1/4	2,824.02	1/4	2,489.22	1/4	2,153.94	
1/2	1/2	4,139.20	1/2	3,972.04	1/2	3,788.25	1/2	3,592.52	1/2	3,396.02	1/2	3,151.09	1/2	2,817.06	1/2	2,482.23	1/2	2,146.96	
3/4	3/4	4,135.76	3/4	3,968.41	3/4	3,784.26	3/4	3,588.42	3/4	3,391.92	3/4	3,144.15	3/4	2,810.10	3/4	2,475.25	3/4	2,139.97	
4	4	4,132.42	4	3,964.75	4	3,780.25	4	3,584.33	4	3,387.83	4	3,137.21	4	2,803.14	4	2,468.26	4	2,132.99	
1/4	1/4	4,129.08	1/4	3,961.09	1/4	3,776.23	1/4	3,580.24	1/4	3,383.73	1/4	3,130.27	1/4	2,796.18	1/4	2,461.28	1/4	2,126.00	
1/2	1/2	4,125.74	1/2	3,957.43	1/2	3,772.22	1/2	3,576.14	1/2	3,379.64	1/2	3,123.32	1/2	2,789.22	1/2	2,454.29	1/2	2,119.02	
3/4	3/4	4,122.40	3/4	3,953.78	3/4	3,768.20	3/4	3,572.05	3/4	3,375.55	3/4	3,116.38	3/4	2,782.26	3/4	2,447.31	3/4	2,112.03	
5	5	4,119.03	5	3,950.07	5	3,764.16	5	3,567.96	5	3,371.45	5	3,109.43	5	2,775.30	5	2,440.32	5	2,105.05	
1/4	1/4	4,115.66	1/4	3,946.37	1/4	3,760.12	1/4	3,563.86	1/4	3,367.36	1/4	3,102.48	1/4	2,768.33	1/4	2,433.34	1/4	2,098.06	
1/2	1/2	4,112.30	1/2	3,942.67	1/2	3,756.08	1/2	3,559.77	1/2	3,363.27	1/2	3,095.53	1/2	2,761.37	1/2	2,426.36	1/2	2,091.08	
3/4	3/4	4,108.93	3/4	3,938.96	3/4	3,752.04	3/4	3,555.67	3/4	3,359.17	3/4	3,088.58	3/4	2,754.41	3/4	2,419.37	3/4	2,084.10	
6	6	4,105.53	6	3,935.21	6	3,747.97	6	3,551.58	6	3,355.08	6	3,081.62	6	2,747.45	6	2,412.39	6	2,077.11	
1/4	1/4	4,102.14	1/4	3,931.47	1/4	3,743.91	1/4	3,547.49	1/4	3,350.98	1/4	3,074.65	1/4	2,740.49	1/4	2,405.40	1/4	2,070.13	
1/2	1/2	4,098.75	1/2	3,927.72	1/2	3,739.84	1/2	3,543.39	1/2	3,346.89	1/2	3,067.69	1/2	2,733.53	1/2	2,398.42	1/2	2,063.14	
3/4	3/4	4,095.35	3/4	3,923.97	3/4	3,735.77	3/4	3,539.30	3/4	3,342.80	3/4	3,060.73	3/4	2,726.57	3/4	2,391.43	3/4	2,056.16	
7	7	4,091.93	7	3,920.20	7	3,731.69	7	3,535.20	7	3,338.70	7	3,053.77	7	2,719.61	7	2,384.45	7	2,049.17	
1/4	1/4	4,088.51	1/4	3,916.42	1/4	3,727.60	1/4	3,531.11	1/4	3,334.61	1/4	3,046.81	1/4	2,712.65	1/4	2,377.46	1/4	2,042.19	
1/2	1/2	4,085.09	1/2	3,912.65	1/2	3,723.51	1/2	3,527.02	1/2	3,330.51	1/2	3,039.84	1/2	2,705.68	1/2	2,370.48	1/2	2,035.20	
3/4	3/4	4,081.67	3/4	3,908.87	3/4	3,719.43	3/4	3,522.92	3/4	3,326.42	3/4	3,032.88	3/4	2,698.72	3/4	2,363.49	3/4	2,028.22	
8	8	4,078.23	8	3,905.07	8	3,715.33	8	3,518.83	8	3,322.33	8	3,025.92	8	2,691.75	8	2,356.51	8	2,021.23	
1/4	1/4	4,074.78	1/4	3,901.27	1/4	3,711.24	1/4	3,514.74	1/4	3,318.23	1/4	3,018.96	1/4	2,684.78	1/4	2,349.52	1/4	2,014.25	
1/2	1/2	4,071.33	1/2	3,897.47	1/2	3,707.14	1/2	3,510.64	1/2	3,314.14	1/2	3,012.00	1/2	2,677.80	1/2	2,342.54	1/2	2,007.26	
3/4	3/4	4,067.89	3/4	3,893.67	3/4	3,703.05	3/4	3,506.55	3/4	3,310.05	3/4	3,005.03	3/4	2,670.83	3/4	2,335.55	3/4	2,000.28	
9	9	4,064.41	9	3,889.84	9	3,698.96	9	3,502.45	9	3,305.95	9	2,998.07	9	2,663.84	9	2,328.57	9	1,993.29	
1/4	1/4	4,060.94	1/4	3,886.01	1/4	3,694.86	1/4	3,498.36	1/4	3,301.86	1/4	2,991.11	1/4	2,656.86	1/4	2,321.58	1/4	1,986.31	
1/2	1/2	4,057.47	1/2	3,882.19	1/2	3,690.77	1/2	3,494.27	1/2	3,297.76	1/2	2,984.15	1/2	2,649.87	1/2	2,314.60	1/2	1,979.32	
3/4	3/4	4,054.00	3/4	3,878.36	3/4	3,686.68	3/4	3,490.17	3/4	3,293.67	3/4	2,977.19	3/4	2,642.89	3/4	2,307.61	3/4	1,972.34	
10	10	4,050.50	10	3,874.50	10	3,682.58	10	3,486.08	10	3,289.58	10	2,970.22	10	2,635.90	10	2,300.63	10	1,965.35	
1/4	1/4	4,047.00	1/4	3,870.65	1/4	3,678.49	1/4	3,481.99	1/4	3,285.48	1/4	2,963.26	1/4	2,628.92	1/4	2,293.64	1/4	1,958.37	
1/2	1/2	4,043.50	1/2	3,866.80	1/2	3,674.39	1/2	3,477.89	1/2	3,281.39	1/2	2,956.30	1/2	2,621.93	1/2	2,286.66	1/2	1,951.38	
3/4	3/4	4,040.00	3/4	3,862.94	3/4	3,670.30	3/4	3,473.80	3/4	3,277.30	3/4	2,949.34	3/4	2,614.95	3/4	2,279.67	3/4	1,944.40	
11	11	4,036.47	11	3,859.06	11	3,666.21	11	3,469.70	11	3,271.78	11	2,942.38	11	2,607.96	11	2,272.69	11	1,937.41	
1/4	1/4	4,032.94	1/4	3,855.18	1/4	3,662.11	1/4	3,465.61	1/4	3,266.26	1/4	2,935.42	1/4	2,600.98	1/4	2,265.70	1/4	1,930.43	
1/2	1/2	4,029.42	1/2	3,851.30	1/2	3,658.02	1/2	3,461.52	1/2	3,260.74	1/2	2,928.45	1/2	2,593.99	1/2	2,258.72	1/2	1,923.44	
3/4	3/4	4,025.89	3/4	3,847.42	3/4	3,653.93	3/4	3,457.42	3/4	3,255.22	3/4	2,921.49	3/4	2,587.01	3/4	2,251.73	3/4	1,916.46	

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 307"

## 1 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	1,909.47	0	1,574.20	0	1,238.92	0	910.18	0	579.74	0	244.48	0		0		0		0	
1/4	1,902.49	1/4	1,567.21	1/4	1,231.94	1/4	903.48	1/4	572.76	1/4	237.50	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,895.50	1/2	1,560.23	1/2	1,224.95	1/2	896.78	1/2	565.77	1/2	230.51	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,888.52	3/4	1,553.24	3/4	1,217.97	3/4	890.08	3/4	558.79	3/4	223.53	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,881.53	1	1,546.26	1	1,210.98	1	883.38	1	551.80	1	216.54	1	1	1	1	1	1	1	1
1/4	1,874.55	1/4	1,539.27	1/4	1,204.00	1/4	876.68	1/4	544.82	1/4	209.56	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,867.56	1/2	1,532.29	1/2	1,197.01	1/2	869.97	1/2	537.83	1/2	202.57	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,860.58	3/4	1,525.30	3/4	1,190.03	3/4	863.27	3/4	530.85	3/4	195.59	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,853.59	2	1,518.32	2	1,183.04	2	856.57	2	523.86	2	188.60	2	2	2	2	2	2	2	2
1/4	1,846.61	1/4	1,511.33	1/4	1,176.06	1/4	849.87	1/4	516.88	1/4	181.62	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,839.62	1/2	1,504.35	1/2	1,169.07	1/2	843.17	1/2	509.89	1/2	174.63	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,832.64	3/4	1,497.36	3/4	1,162.09	3/4	836.47	3/4	502.91	3/4	167.65	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,825.65	3	1,490.38	3	1,155.10	3	829.77	3	495.93	3	160.67	3	3	3	3	3	3	3	3
1/4	1,818.67	1/4	1,483.39	1/4	1,148.12	1/4	823.07	1/4	488.94	1/4	153.69	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,811.68	1/2	1,476.41	1/2	1,141.13	1/2	816.37	1/2	481.96	1/2	146.71	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,804.70	3/4	1,469.42	3/4	1,134.15	3/4	809.67	3/4	474.97	3/4	139.73	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,797.71	4	1,462.44	4	1,127.16	4	802.82	4	467.99	4	132.76	4	4	4	4	4	4	4	4
1/4	1,790.73	1/4	1,455.45	1/4	1,120.18	1/4	795.98	1/4	461.00	1/4	125.79	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,783.74	1/2	1,448.47	1/2	1,113.19	1/2	789.14	1/2	454.02	1/2	118.82	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,776.76	3/4	1,441.48	3/4	1,106.21	3/4	782.29	3/4	447.03	3/4	111.84	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,769.77	5	1,434.50	5	1,099.22	5	775.31	5	440.05	5	104.90	5	5	5	5	5	5	5	5
1/4	1,762.79	1/4	1,427.51	1/4	1,092.24	1/4	768.32	1/4	433.06	1/4	97.95	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,755.80	1/2	1,420.53	1/2	1,085.25	1/2	761.34	1/2	426.08	1/2	91.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,748.82	3/4	1,413.54	3/4	1,078.27	3/4	754.36	3/4	419.09	3/4	84.05	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,741.83	6	1,406.56	6	1,071.43	6	747.37	6	412.11	6	77.44	6	6	6	6	6	6	6	6
1/4	1,734.85	1/4	1,399.57	1/4	1,064.58	1/4	740.39	1/4	405.13	1/4	70.83	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,727.87	1/2	1,392.59	1/2	1,057.74	1/2	733.40	1/2	398.14	1/2	64.22	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,720.88	3/4	1,385.61	3/4	1,050.90	3/4	726.42	3/4	391.16	3/4	57.61	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,713.90	7	1,378.62	7	1,044.20	7	719.43	7	384.17	7	52.03	7	7	7	7	7	7	7	7
1/4	1,706.91	1/4	1,371.64	1/4	1,037.50	1/4	712.45	1/4	377.19	1/4	46.44	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,699.93	1/2	1,364.65	1/2	1,030.80	1/2	705.46	1/2	370.20	1/2	40.86	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,692.94	3/4	1,357.67	3/4	1,024.10	3/4	698.48	3/4	363.22	3/4	35.27	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,685.96	8	1,350.68	8	1,017.39	8	691.49	8	356.23	8	31.08	8	8	8	8	8	8	8	8
1/4	1,678.97	1/4	1,343.70	1/4	1,010.69	1/4	684.51	1/4	349.25	1/4	26.89	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,671.99	1/2	1,336.71	1/2	1,003.99	1/2	677.52	1/2	342.26	1/2	22.70	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,665.00	3/4	1,329.73	3/4	997.29	3/4	670.54	3/4	335.28	3/4	18.51	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,658.02	9	1,322.74	9	990.59	9	663.56	9	328.29	9		9	9	9	9	9	9	9	9
1/4	1,651.03	1/4	1,315.76	1/4	983.89	1/4	656.57	1/4	321.31	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,644.05	1/2	1,308.77	1/2	977.19	1/2	649.59	1/2	314.33	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,637.06	3/4	1,301.79	3/4	970.49	3/4	642.60	3/4	307.34	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,630.08	10	1,294.80	10	963.79	10	635.62	10	300.36	10		10	10	10	10	10	10	10	10
1/4	1,623.09	1/4	1,287.82	1/4	957.09	1/4	628.63	1/4	293.37	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,616.11	1/2	1,280.83	1/2	950.39	1/2	621.65	1/2	286.39	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,609.12	3/4	1,273.85	3/4	943.68	3/4	614.66	3/4	279.40	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,602.14	11	1,266.86	11	936.98	11	607.68	11	272.42	11		11	11	11	11	11	11	11	11
1/4	1,595.15	1/4	1,259.88	1/4	930.28	1/4	600.69	1/4	265.43	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,588.17	1/2	1,252.89	1/2	923.58	1/2	593.71	1/2	258.45	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,581.18	3/4	1,245.91	3/4	916.88	3/4	586.73	3/4	251.46	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: 11/29/2018 SW  
CALCULATED: 11/30/2018 CL  
PRINTED: 11/30/2018 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 307"

## 1 STBD 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	4,005.53	0	3,827.35	0	3,634.16	0	3,437.96	0	3,236.08	0	2,903.32	0	2,569.82	0	2,235.51		
1/4	1/4	1/4	4,152.30	1/4	4,001.98	1/4	3,823.45	1/4	3,630.07	1/4	3,433.87	1/4	3,229.16	1/4	2,896.38	1/4	2,562.85	1/4	2,228.55
1/2	1/2	1/2	4,151.27	1/2	3,998.43	1/2	3,819.55	1/2	3,625.99	1/2	3,429.78	1/2	3,222.24	1/2	2,889.44	1/2	2,555.89	1/2	2,221.58
3/4	3/4	3/4	4,150.24	3/4	3,994.88	3/4	3,815.65	3/4	3,621.90	3/4	3,425.69	3/4	3,215.32	3/4	2,882.50	3/4	2,548.92	3/4	2,214.62
1	1	1	4,149.21	1	3,991.34	1	3,811.75	1	3,617.81	1	3,421.61	1	3,208.40	1	2,875.55	1	2,541.96	1	2,207.65
1/4	1/4	1/4	4,147.18	1/4	3,987.76	1/4	3,807.82	1/4	3,613.72	1/4	3,417.52	1/4	3,201.47	1/4	2,868.61	1/4	2,534.99	1/4	2,200.69
1/2	1/2	1/2	4,145.15	1/2	3,984.19	1/2	3,803.89	1/2	3,609.64	1/2	3,413.43	1/2	3,194.55	1/2	2,861.67	1/2	2,528.03	1/2	2,193.72
3/4	3/4	3/4	4,143.13	3/4	3,980.62	3/4	3,799.96	3/4	3,605.55	3/4	3,409.34	3/4	3,187.63	3/4	2,854.73	3/4	2,521.06	3/4	2,186.76
2	2	2	4,141.10	2	3,977.04	2	3,796.04	2	3,601.46	2	3,405.26	2	3,180.71	2	2,847.79	2	2,514.10	2	2,179.79
1/4	1/4	1/4	4,138.06	1/4	3,973.44	1/4	3,792.08	1/4	3,597.37	1/4	3,401.17	1/4	3,173.79	1/4	2,840.85	1/4	2,507.13	1/4	2,172.83
1/2	1/2	1/2	4,135.02	1/2	3,969.84	1/2	3,788.13	1/2	3,593.29	1/2	3,397.08	1/2	3,166.86	1/2	2,833.90	1/2	2,500.17	1/2	2,165.86
3/4	3/4	3/4	4,131.98	3/4	3,966.25	3/4	3,784.17	3/4	3,589.20	3/4	3,392.99	3/4	3,159.94	3/4	2,826.96	3/4	2,493.21	3/4	2,158.90
3	3	3	4,128.94	3	3,962.65	3	3,780.22	3	3,585.11	3	3,388.91	3	3,153.02	3	2,820.02	3	2,486.24	3	2,151.93
1/4	1/4	1/4	4,125.50	1/4	3,959.02	1/4	3,776.24	1/4	3,581.02	1/4	3,384.82	1/4	3,146.10	1/4	2,813.08	1/4	2,479.28	1/4	2,144.97
1/2	1/2	1/2	4,122.07	1/2	3,955.39	1/2	3,772.26	1/2	3,576.94	1/2	3,380.73	1/2	3,139.18	1/2	2,806.14	1/2	2,472.31	1/2	2,138.01
3/4	3/4	3/4	4,118.63	3/4	3,951.77	3/4	3,768.28	3/4	3,572.85	3/4	3,376.64	3/4	3,132.26	3/4	2,799.20	3/4	2,465.35	3/4	2,131.04
4	4	4	4,115.19	4	3,948.14	4	3,764.29	4	3,568.76	4	3,372.56	4	3,125.33	4	2,792.26	4	2,458.38	4	2,124.08
1/4	1/4	1/4	4,111.86	1/4	3,944.49	1/4	3,760.29	1/4	3,564.67	1/4	3,368.47	1/4	3,118.41	1/4	2,785.31	1/4	2,451.42	1/4	2,117.11
1/2	1/2	1/2	4,108.52	1/2	3,940.84	1/2	3,756.28	1/2	3,560.58	1/2	3,364.38	1/2	3,111.49	1/2	2,778.37	1/2	2,444.45	1/2	2,110.15
3/4	3/4	3/4	4,105.19	3/4	3,937.19	3/4	3,752.27	3/4	3,556.50	3/4	3,360.29	3/4	3,104.57	3/4	2,771.43	3/4	2,437.49	3/4	2,103.18
5	5	5	4,101.86	5	3,933.54	5	3,748.26	5	3,552.41	5	3,356.20	5	3,097.65	5	2,764.49	5	2,430.52	5	2,096.22
1/4	1/4	1/4	4,098.50	1/4	3,929.84	1/4	3,744.23	1/4	3,548.32	1/4	3,352.12	1/4	3,090.71	1/4	2,757.55	1/4	2,423.56	1/4	2,089.25
1/2	1/2	1/2	4,095.14	1/2	3,926.14	1/2	3,740.19	1/2	3,544.23	1/2	3,348.03	1/2	3,083.78	1/2	2,750.61	1/2	2,416.59	1/2	2,082.29
3/4	3/4	3/4	4,091.78	3/4	3,922.44	3/4	3,736.16	3/4	3,540.15	3/4	3,343.94	3/4	3,076.85	3/4	2,743.67	3/4	2,409.63	3/4	2,075.32
6	6	6	4,088.41	6	3,918.75	6	3,732.13	6	3,536.06	6	3,339.85	6	3,069.92	6	2,736.73	6	2,402.66	6	2,068.36
1/4	1/4	1/4	4,085.03	1/4	3,915.01	1/4	3,728.06	1/4	3,531.97	1/4	3,335.77	1/4	3,062.97	1/4	2,729.79	1/4	2,395.70	1/4	2,061.39
1/2	1/2	1/2	4,081.64	1/2	3,911.26	1/2	3,724.00	1/2	3,527.88	1/2	3,331.68	1/2	3,056.03	1/2	2,722.85	1/2	2,388.73	1/2	2,054.43
3/4	3/4	3/4	4,078.25	3/4	3,907.52	3/4	3,719.94	3/4	3,523.80	3/4	3,327.59	3/4	3,049.09	3/4	2,715.91	3/4	2,381.77	3/4	2,047.46
7	7	7	4,074.87	7	3,903.78	7	3,715.88	7	3,519.71	7	3,323.50	7	3,042.15	7	2,708.97	7	2,374.81	7	2,040.50
1/4	1/4	1/4	4,071.45	1/4	3,900.01	1/4	3,711.80	1/4	3,515.62	1/4	3,319.42	1/4	3,035.21	1/4	2,702.02	1/4	2,367.84	1/4	2,033.53
1/2	1/2	1/2	4,068.04	1/2	3,896.25	1/2	3,707.72	1/2	3,511.53	1/2	3,315.33	1/2	3,028.27	1/2	2,695.08	1/2	2,360.88	1/2	2,026.57
3/4	3/4	3/4	4,064.62	3/4	3,892.48	3/4	3,703.64	3/4	3,507.45	3/4	3,311.24	3/4	3,021.33	3/4	2,688.14	3/4	2,353.91	3/4	2,019.61
8	8	8	4,061.21	8	3,888.71	8	3,699.56	8	3,503.36	8	3,307.15	8	3,014.38	8	2,681.20	8	2,346.95	8	2,012.64
1/4	1/4	1/4	4,057.77	1/4	3,884.91	1/4	3,695.48	1/4	3,499.27	1/4	3,303.07	1/4	3,007.44	1/4	2,674.25	1/4	2,339.98	1/4	2,005.68
1/2	1/2	1/2	4,054.33	1/2	3,881.12	1/2	3,691.39	1/2	3,495.18	1/2	3,298.98	1/2	3,000.50	1/2	2,667.30	1/2	2,333.02	1/2	1,998.72
3/4	3/4	3/4	4,050.89	3/4	3,877.32	3/4	3,687.30	3/4	3,491.10	3/4	3,294.89	3/4	2,993.56	3/4	2,660.35	3/4	2,326.05	3/4	1,991.76
9	9	9	4,047.45	9	3,873.53	9	3,683.21	9	3,487.01	9	3,290.80	9	2,986.62	9	2,653.39	9	2,319.09	9	1,984.80
1/4	1/4	1/4	4,043.98	1/4	3,869.71	1/4	3,679.13	1/4	3,482.92	1/4	3,286.72	1/4	2,979.68	1/4	2,646.43	1/4	2,312.12	1/4	1,977.84
1/2	1/2	1/2	4,040.51	1/2	3,865.89	1/2	3,675.04	1/2	3,478.83	1/2	3,282.63	1/2	2,972.73	1/2	2,639.46	1/2	2,305.16	1/2	1,970.89
3/4	3/4	3/4	4,037.05	3/4	3,862.07	3/4	3,670.95	3/4	3,474.75	3/4	3,278.54	3/4	2,965.79	3/4	2,632.50	3/4	2,298.19	3/4	1,963.94
10	10	10	4,033.58	10	3,858.24	10	3,666.86	10	3,474.66	10	3,274.45	10	2,958.85	10	2,625.53	10	2,291.23	10	1,956.99
1/4	1/4	1/4	4,030.09	1/4	3,854.40	1/4	3,662.77	1/4	3,466.57	1/4	3,270.37	1/4	2,951.91	1/4	2,618.57	1/4	2,284.26	1/4	1,950.04
1/2	1/2	1/2	4,026.59	1/2	3,850.55	1/2	3,658.69	1/2	3,462.48	1/2	3,266.28	1/2	2,944.97	1/2	2,611.60	1/2	2,277.30	1/2	1,943.08
3/4	3/4	3/4	4,023.10	3/4	3,846.70	3/4	3,654.60	3/4	3,458.39	3/4	3,262.19	3/4	2,938.03	3/4	2,604.64	3/4	2,270.33	3/4	1,936.13
11	11	11	4,019.61	11	3,842.85	11	3,650.51	11	3,454.31	11	3,258.10	11	2,931.09	11	2,597.68	11	2,263.37	11	1,929.18
1/4	1/4	1/4	4,016.09	1/4	3,838.98	1/4	3,646.42	1/4	3,450.22	1/4	3,252.60	1/4	2,924.14	1/4	2,590.71	1/4	2,256.41	1/4	1,922.23
1/2	1/2	1/2	4,012.57	1/2	3,835.10	1/2	3,642.34	1/2	3,446.13	1/2	3,247.09	1/2	2,917.20	1/2	2,583.75	1/2	2,249.44	1/2	1,915.27
3/4	3/4	3/4	4,009.05	3/4	3,831.23	3/4	3,638.25	3/4	3,442.04	3/4	3,241.59	3/4	2,910.26	3/4	2,576.78	3/4	2,242.48	3/4	1,908.32

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 307"

## 1 STBD 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	1,901.37	0	1,567.66	0	1,233.95	0	910.69	0	585.39	0	250.98	0		0		0		0	
1/4	1,894.42	1/4	1,560.71	1/4	1,227.00	1/4	904.16	1/4	578.42	1/4	244.02	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,887.46	1/2	1,553.75	1/2	1,220.04	1/2	897.63	1/2	571.46	1/2	237.05	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,880.51	3/4	1,546.80	3/4	1,213.09	3/4	891.10	3/4	564.49	3/4	230.08	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,873.56	1	1,539.85	1	1,206.14	1	884.57	1	557.52	1	223.12	1	1	1	1	1	1	1	1
1/4	1,866.61	1/4	1,532.90	1/4	1,199.19	1/4	878.03	1/4	550.56	1/4	216.15	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,859.66	1/2	1,525.95	1/2	1,192.23	1/2	871.50	1/2	543.59	1/2	209.18	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,852.70	3/4	1,518.99	3/4	1,185.28	3/4	864.97	3/4	536.62	3/4	202.22	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,845.75	2	1,512.04	2	1,178.33	2	858.44	2	529.66	2	195.25	2	2	2	2	2	2	2	2
1/4	1,838.80	1/4	1,505.09	1/4	1,171.38	1/4	851.91	1/4	522.69	1/4	188.28	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,831.85	1/2	1,498.14	1/2	1,164.43	1/2	845.37	1/2	515.72	1/2	181.32	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,824.89	3/4	1,491.18	3/4	1,157.47	3/4	838.84	3/4	508.76	3/4	174.35	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,817.94	3	1,484.23	3	1,150.52	3	832.31	3	501.79	3	167.38	3	3	3	3	3	3	3	3
1/4	1,810.99	1/4	1,477.28	1/4	1,143.57	1/4	825.78	1/4	494.82	1/4	160.42	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,804.04	1/2	1,470.33	1/2	1,136.62	1/2	819.25	1/2	487.86	1/2	153.46	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,797.09	3/4	1,463.37	3/4	1,129.66	3/4	812.71	3/4	480.89	3/4	146.50	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,790.13	4	1,456.42	4	1,122.71	4	806.18	4	473.92	4	139.53	4	4	4	4	4	4	4	4
1/4	1,783.18	1/4	1,449.47	1/4	1,115.76	1/4	799.59	1/4	466.95	1/4	132.58	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,776.23	1/2	1,442.52	1/2	1,108.81	1/2	793.00	1/2	459.99	1/2	125.63	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,769.28	3/4	1,435.57	3/4	1,101.86	3/4	786.41	3/4	453.02	3/4	118.67	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,762.32	5	1,428.61	5	1,094.90	5	779.82	5	446.05	5	111.72	5	5	5	5	5	5	5	5
1/4	1,755.37	1/4	1,421.66	1/4	1,088.10	1/4	773.01	1/4	439.09	1/4	104.78	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,748.42	1/2	1,414.71	1/2	1,081.30	1/2	766.21	1/2	432.12	1/2	97.85	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,741.47	3/4	1,407.76	3/4	1,074.50	3/4	759.40	3/4	425.15	3/4	90.91	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,734.51	6	1,400.80	6	1,067.70	6	752.59	6	418.19	6	83.97	6	6	6	6	6	6	6	6
1/4	1,727.56	1/4	1,393.85	1/4	1,061.11	1/4	745.63	1/4	411.22	1/4	77.37	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,720.61	1/2	1,386.90	1/2	1,054.52	1/2	738.66	1/2	404.25	1/2	70.77	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,713.66	3/4	1,379.95	3/4	1,047.93	3/4	731.69	3/4	397.29	3/4	64.17	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,706.71	7	1,372.99	7	1,041.33	7	724.73	7	390.32	7	57.56	7	7	7	7	7	7	7	7
1/4	1,699.75	1/4	1,366.04	1/4	1,034.80	1/4	717.76	1/4	383.35	1/4	51.98	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,692.80	1/2	1,359.09	1/2	1,028.27	1/2	710.79	1/2	376.39	1/2	46.40	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,685.85	3/4	1,352.14	3/4	1,021.74	3/4	703.83	3/4	369.42	3/4	40.82	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,678.90	8	1,345.19	8	1,015.21	8	696.86	8	362.45	8	35.24	8	8	8	8	8	8	8	8
1/4	1,671.94	1/4	1,338.23	1/4	1,008.67	1/4	689.89	1/4	355.49	1/4	31.05	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,664.99	1/2	1,331.28	1/2	1,002.14	1/2	682.93	1/2	348.52	1/2	26.87	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,658.04	3/4	1,324.33	3/4	995.61	3/4	675.96	3/4	341.55	3/4	22.68	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,651.09	9	1,317.38	9	989.08	9	668.99	9	334.59	9	18.49	9	9	9	9	9	9	9	9
1/4	1,644.13	1/4	1,310.42	1/4	982.55	1/4	662.03	1/4	327.62	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,637.18	1/2	1,303.47	1/2	976.01	1/2	655.06	1/2	320.65	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,630.23	3/4	1,296.52	3/4	969.48	3/4	648.09	3/4	313.69	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,623.28	10	1,289.57	10	962.95	10	641.12	10	306.72	10		10	10	10	10	10	10	10	10
1/4	1,616.33	1/4	1,282.61	1/4	956.42	1/4	634.16	1/4	299.75	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,609.37	1/2	1,275.66	1/2	949.89	1/2	627.19	1/2	292.78	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,602.42	3/4	1,268.71	3/4	943.35	3/4	620.22	3/4	285.82	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,595.47	11	1,261.76	11	936.82	11	613.26	11	278.85	11		11	11	11	11	11	11	11	11
1/4	1,588.52	1/4	1,254.81	1/4	930.29	1/4	606.29	1/4	271.88	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,581.56	1/2	1,247.85	1/2	923.76	1/2	599.32	1/2	264.92	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,574.61	3/4	1,240.90	3/4	917.23	3/4	592.36	3/4	257.95	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: 11/29/2018 SW  
CALCULATED: 11/30/2018 CL  
PRINTED: 11/30/2018 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 307"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09 1/4"

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	3,813.77	0	3,550.98	0	3,275.32	0	2,997.00	0	2,718.68	0	2,440.36	0	2,162.04	0	1,883.72		
1/4	1/4	1/4	3,808.45	1/4	3,545.36	1/4	3,269.52	1/4	2,991.20	1/4	2,712.88	1/4	2,434.56	1/4	2,154.24	1/4	1,877.92		
1/2	1/2	1/2	4,042.53	1/2	3,803.11	1/2	3,539.72	1/2	3,263.72	1/2	2,985.40	1/2	2,707.08	1/2	2,428.76	1/2	2,150.44	1/2	1,872.13
3/4	3/4	3/4	4,039.31	3/4	3,797.77	3/4	3,534.08	3/4	3,257.92	3/4	2,979.60	3/4	2,701.28	3/4	2,422.96	3/4	2,144.65	3/4	1,866.33
1	1	1	4,036.09	1	3,792.44	1	3,528.43	1	3,252.12	1	2,973.80	1	2,695.49	1	2,417.17	1	2,138.85	1	1,860.53
1/4	1/4	1/4	4,032.87	1/4	3,787.10	1/4	3,522.79	1/4	3,246.32	1/4	2,968.01	1/4	2,689.69	1/4	2,411.37	1/4	2,133.05	1/4	1,854.73
1/2	1/2	1/2	4,028.82	1/2	3,781.74	1/2	3,517.12	1/2	3,240.53	1/2	2,962.21	1/2	2,683.89	1/2	2,405.57	1/2	2,127.25	1/2	1,848.93
3/4	3/4	3/4	4,024.78	3/4	3,776.38	3/4	3,511.46	3/4	3,234.73	3/4	2,956.41	3/4	2,678.09	3/4	2,399.77	3/4	2,121.45	3/4	1,843.13
2	2	2	4,020.73	2	3,771.02	2	3,505.79	2	3,228.93	2	2,950.61	2	2,672.29	2	2,393.97	2	2,115.66	2	1,837.34
1/4	1/4	1/4	4,016.68	1/4	3,765.66	1/4	3,500.12	1/4	3,223.13	1/4	2,944.81	1/4	2,666.49	1/4	2,388.18	1/4	2,109.86	1/4	1,831.54
1/2	1/2	1/2	4,011.78	1/2	3,760.28	1/2	3,494.44	1/2	3,217.33	1/2	2,939.01	1/2	2,660.70	1/2	2,382.38	1/2	2,104.06	1/2	1,825.74
3/4	3/4	3/4	4,006.87	3/4	3,754.90	3/4	3,488.75	3/4	3,211.53	3/4	2,933.22	3/4	2,654.90	3/4	2,376.58	3/4	2,098.26	3/4	1,819.94
3	3	3	4,001.97	3	3,749.52	3	3,483.06	3	3,205.74	3	2,927.42	3	2,649.10	3	2,370.78	3	2,092.46	3	1,814.14
1/4	1/4	1/4	3,997.07	1/4	3,744.14	1/4	3,477.37	1/4	3,199.94	1/4	2,921.62	1/4	2,643.30	1/4	2,364.98	1/4	2,086.66	1/4	1,808.35
1/2	1/2	1/2	3,991.82	1/2	3,738.73	1/2	3,471.66	1/2	3,194.14	1/2	2,915.82	1/2	2,637.50	1/2	2,359.18	1/2	2,080.87	1/2	1,802.55
3/4	3/4	3/4	3,986.57	3/4	3,733.33	3/4	3,465.95	3/4	3,188.34	3/4	2,910.02	3/4	2,631.70	3/4	2,353.39	3/4	2,075.07	3/4	1,796.75
4	4	4	3,981.32	4	3,727.93	4	3,460.24	4	3,182.54	4	2,904.22	4	2,625.91	4	2,347.59	4	2,069.27	4	1,790.95
1/4	1/4	1/4	3,976.08	1/4	3,722.53	1/4	3,454.53	1/4	3,176.74	1/4	2,898.43	1/4	2,620.11	1/4	2,341.79	1/4	2,063.47	1/4	1,785.15
1/2	1/2	1/2	3,970.91	1/2	3,717.10	1/2	3,448.80	1/2	3,170.95	1/2	2,892.63	1/2	2,614.31	1/2	2,335.99	1/2	2,057.67	1/2	1,779.35
3/4	3/4	3/4	3,965.75	3/4	3,711.68	3/4	3,443.07	3/4	3,165.15	3/4	2,886.83	3/4	2,608.51	3/4	2,330.19	3/4	2,051.87	3/4	1,773.56
5	5	5	3,960.59	5	3,706.26	5	3,437.34	5	3,159.35	5	2,881.03	5	2,602.71	5	2,324.39	5	2,046.08	5	1,767.76
1/4	1/4	1/4	3,955.43	1/4	3,700.83	1/4	3,431.60	1/4	3,153.55	1/4	2,875.23	1/4	2,596.91	1/4	2,318.60	1/4	2,040.28	1/4	1,761.96
1/2	1/2	1/2	3,950.25	1/2	3,695.36	1/2	3,425.85	1/2	3,147.75	1/2	2,869.43	1/2	2,591.12	1/2	2,312.80	1/2	2,034.48	1/2	1,756.16
3/4	3/4	3/4	3,945.07	3/4	3,689.90	3/4	3,420.10	3/4	3,141.95	3/4	2,863.64	3/4	2,585.32	3/4	2,307.00	3/4	2,028.68	3/4	1,750.36
6	6	6	3,939.88	6	3,684.43	6	3,414.34	6	3,136.16	6	2,857.84	6	2,579.52	6	2,301.20	6	2,022.88	6	1,744.56
1/4	1/4	1/4	3,934.70	1/4	3,678.96	1/4	3,408.59	1/4	3,130.36	1/4	2,852.04	1/4	2,573.72	1/4	2,295.40	1/4	2,017.08	1/4	1,738.77
1/2	1/2	1/2	3,929.49	1/2	3,673.45	1/2	3,402.81	1/2	3,124.56	1/2	2,846.24	1/2	2,567.92	1/2	2,289.60	1/2	2,011.29	1/2	1,732.97
3/4	3/4	3/4	3,924.29	3/4	3,667.94	3/4	3,397.03	3/4	3,118.76	3/4	2,840.44	3/4	2,562.12	3/4	2,283.81	3/4	2,005.49	3/4	1,727.17
7	7	7	3,919.08	7	3,662.43	7	3,391.26	7	3,112.96	7	2,834.64	7	2,556.33	7	2,278.01	7	1,999.69	7	1,721.37
1/4	1/4	1/4	3,913.88	1/4	3,656.92	1/4	3,385.48	1/4	3,107.16	1/4	2,828.85	1/4	2,550.53	1/4	2,272.21	1/4	1,993.89	1/4	1,715.57
1/2	1/2	1/2	3,908.65	1/2	3,651.38	1/2	3,379.68	1/2	3,101.37	1/2	2,823.05	1/2	2,544.73	1/2	2,266.41	1/2	1,988.09	1/2	1,709.77
3/4	3/4	3/4	3,903.42	3/4	3,645.85	3/4	3,373.89	3/4	3,095.57	3/4	2,817.25	3/4	2,538.93	3/4	2,260.61	3/4	1,982.29	3/4	1,703.98
8	8	8	3,898.20	8	3,640.31	8	3,368.09	8	3,089.77	8	2,811.45	8	2,533.13	8	2,254.81	8	1,976.50	8	1,698.18
1/4	1/4	1/4	3,892.97	1/4	3,634.78	1/4	3,362.29	1/4	3,083.97	1/4	2,805.65	1/4	2,527.33	1/4	2,249.02	1/4	1,970.70	1/4	1,692.38
1/2	1/2	1/2	3,887.72	1/2	3,629.23	1/2	3,356.49	1/2	3,078.17	1/2	2,799.85	1/2	2,521.54	1/2	2,243.22	1/2	1,964.90	1/2	1,686.58
3/4	3/4	3/4	3,882.47	3/4	3,623.67	3/4	3,350.69	3/4	3,072.37	3/4	2,794.06	3/4	2,515.74	3/4	2,237.42	3/4	1,959.10	3/4	1,680.78
9	9	9	3,877.22	9	3,618.11	9	3,344.89	9	3,066.58	9	2,788.26	9	2,509.94	9	2,231.62	9	1,953.30	9	1,674.98
1/4	1/4	1/4	3,871.97	1/4	3,612.56	1/4	3,339.10	1/4	3,060.78	1/4	2,782.46	1/4	2,504.14	1/4	2,225.82	1/4	1,947.50	1/4	1,669.19
1/2	1/2	1/2	3,866.70	1/2	3,606.98	1/2	3,333.30	1/2	3,054.98	1/2	2,776.66	1/2	2,498.34	1/2	2,220.02	1/2	1,941.71	1/2	1,663.39
3/4	3/4	3/4	3,861.43	3/4	3,601.40	3/4	3,327.50	3/4	3,049.18	3/4	2,770.86	3/4	2,492.54	3/4	2,214.23	3/4	1,935.91	3/4	1,657.59
10	10	10	3,856.16	10	3,595.83	10	3,321.70	10	3,043.38	10	2,765.06	10	2,486.75	10	2,208.43	10	1,930.11	10	1,651.79
1/4	1/4	1/4	3,850.89	1/4	3,590.25	1/4	3,315.90	1/4	3,037.58	1/4	2,759.27	1/4	2,480.95	1/4	2,202.63	1/4	1,924.31	1/4	1,645.99
1/2	1/2	1/2	3,845.59	1/2	3,584.65	1/2	3,310.10	1/2	3,031.79	1/2	2,753.47	1/2	2,475.15	1/2	2,196.83	1/2	1,918.51	1/2	1,640.19
3/4	3/4	3/4	3,840.30	3/4	3,579.05	3/4	3,304.31	3/4	3,025.99	3/4	2,747.67	3/4	2,469.35	3/4	2,191.03	3/4	1,912.71	3/4	1,634.40
11	11	11	3,835.01	11	3,573.45	11	3,298.51	11	3,020.19	11	2,741.87	11	2,463.55	11	2,185.23	11	1,906.92	11	1,628.60
1/4	1/4	1/4	3,829.71	1/4	3,567.85	1/4	3,292.71	1/4	3,014.39	1/4	2,736.07	1/4	2,457.75	1/4	2,179.44	1/4	1,901.12	1/4	1,622.80
1/2	1/2	1/2	3,824.40	1/2	3,562.23	1/2	3,286.91	1/2	3,008.59	1/2	2,730.27	1/2	2,451.96	1/2	2,173.64	1/2	1,895.32	1/2	1,617.00
3/4	3/4	3/4	3,819.08	3/4	3,556.61	3/4	3,281.11	3/4	3,002.79	3/4	2,724.48	3/4	2,446.16	3/4	2,167.84	3/4	1,889.52	3/4	1,611.20

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 35'-09" FORWARD OF AFT BULKHEAD

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



# BARGE "DBL 307"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09 1/4"

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	1,599.61	1/4	1,321.29	1/4	1,042.97	1/4	765.00	1/4	487.11	1/4	208.80	1/4		1/4		1/4		1/4	
1/2	1,593.81	1/2	1,315.49	1/2	1,037.17	1/2	759.22	1/2	481.31	1/2	203.01	1/2		1/2		1/2		1/2	
3/4	1,588.01	3/4	1,309.69	3/4	1,031.37	3/4	753.44	3/4	475.51	3/4	197.21	3/4		3/4		3/4		3/4	
1	1,582.21	1	1,303.89	1	1,025.57	1	747.66	1	469.71	1	191.41	1		1		1		1	
1/4	1,576.41	1/4	1,298.09	1/4	1,019.78	1/4	741.89	1/4	463.92	1/4	185.61	1/4		1/4		1/4		1/4	
1/2	1,570.61	1/2	1,292.30	1/2	1,013.98	1/2	736.11	1/2	458.12	1/2	179.81	1/2		1/2		1/2		1/2	
3/4	1,564.82	3/4	1,286.50	3/4	1,008.18	3/4	730.33	3/4	452.32	3/4	174.02	3/4		3/4		3/4		3/4	
2	1,559.02	2	1,280.70	2	1,002.38	2	724.55	2	446.52	2	168.22	2		2		2		2	
1/4	1,553.22	1/4	1,274.90	1/4	996.58	1/4	718.77	1/4	440.72	1/4	162.42	1/4		1/4		1/4		1/4	
1/2	1,547.42	1/2	1,269.10	1/2	990.78	1/2	712.99	1/2	434.93	1/2	156.62	1/2		1/2		1/2		1/2	
3/4	1,541.62	3/4	1,263.30	3/4	984.99	3/4	707.21	3/4	429.13	3/4	150.82	3/4		3/4		3/4		3/4	
3	1,535.83	3	1,257.51	3	979.19	3	701.43	3	423.33	3	145.03	3		3		3		3	
1/4	1,530.03	1/4	1,251.71	1/4	973.39	1/4	695.65	1/4	417.53	1/4	139.23	1/4		1/4		1/4		1/4	
1/2	1,524.23	1/2	1,245.91	1/2	967.59	1/2	689.87	1/2	411.73	1/2	133.43	1/2		1/2		1/2		1/2	
3/4	1,518.43	3/4	1,240.11	3/4	961.79	3/4	684.10	3/4	405.94	3/4	127.64	3/4		3/4		3/4		3/4	
4	1,512.63	4	1,234.31	4	956.00	4	678.32	4	400.14	4	121.84	4		4		4		4	
1/4	1,506.83	1/4	1,228.52	1/4	950.20	1/4	672.54	1/4	394.34	1/4	116.05	1/4		1/4		1/4		1/4	
1/2	1,501.04	1/2	1,222.72	1/2	944.40	1/2	666.76	1/2	388.54	1/2	110.26	1/2		1/2		1/2		1/2	
3/4	1,495.24	3/4	1,216.92	3/4	938.60	3/4	660.98	3/4	382.74	3/4	104.48	3/4		3/4		3/4		3/4	
5	1,489.44	5	1,211.12	5	932.80	5	655.20	5	376.95	5	98.69	5		5		5		5	
1/4	1,483.64	1/4	1,205.32	1/4	927.00	1/4	649.42	1/4	371.15	1/4	92.90	1/4		1/4		1/4		1/4	
1/2	1,477.84	1/2	1,199.52	1/2	921.21	1/2	643.63	1/2	365.35	1/2	87.14	1/2		1/2		1/2		1/2	
3/4	1,472.04	3/4	1,193.73	3/4	915.41	3/4	637.84	3/4	359.55	3/4	81.37	3/4		3/4		3/4		3/4	
6	1,466.25	6	1,187.93	6	909.61	6	632.05	6	353.75	6	75.60	6		6		6		6	
1/4	1,460.45	1/4	1,182.13	1/4	903.81	1/4	626.26	1/4	347.96	1/4	69.83	1/4		1/4		1/4		1/4	
1/2	1,454.65	1/2	1,176.33	1/2	898.01	1/2	620.46	1/2	342.16	1/2	64.34	1/2		1/2		1/2		1/2	
3/4	1,448.85	3/4	1,170.53	3/4	892.21	3/4	614.66	3/4	336.36	3/4	58.86	3/4		3/4		3/4		3/4	
7	1,443.05	7	1,164.73	7	886.42	7	608.87	7	330.56	7	53.37	7		7		7		7	
1/4	1,437.25	1/4	1,158.94	1/4	880.62	1/4	603.07	1/4	324.76	1/4	47.89	1/4		1/4		1/4		1/4	
1/2	1,431.46	1/2	1,153.14	1/2	874.83	1/2	597.27	1/2	318.97	1/2	43.25	1/2		1/2		1/2		1/2	
3/4	1,425.66	3/4	1,147.34	3/4	869.04	3/4	591.47	3/4	313.17	3/4	38.61	3/4		3/4		3/4		3/4	
8	1,419.86	8	1,141.54	8	863.25	8	585.67	8	307.37	8	33.98	8		8		8		8	
1/4	1,414.06	1/4	1,135.74	1/4	857.47	1/4	579.88	1/4	301.57	1/4	29.34	1/4		1/4		1/4		1/4	
1/2	1,408.26	1/2	1,129.94	1/2	851.69	1/2	574.08	1/2	295.77	1/2	25.86	1/2		1/2		1/2		1/2	
3/4	1,402.46	3/4	1,124.15	3/4	845.91	3/4	568.28	3/4	289.98	3/4	22.38	3/4		3/4		3/4		3/4	
9	1,396.67	9	1,118.35	9	840.13	9	562.48	9	284.18	9	18.90	9		9		9		9	
1/4	1,390.87	1/4	1,112.55	1/4	834.35	1/4	556.68	1/4	278.38	1/4	15.43	1/4		1/4		1/4		1/4	
1/2	1,385.07	1/2	1,106.75	1/2	828.57	1/2	550.89	1/2	272.58	1/2		1/2		1/2		1/2		1/2	
3/4	1,379.27	3/4	1,100.95	3/4	822.79	3/4	545.09	3/4	266.78	3/4		3/4		3/4		3/4		3/4	
10	1,373.47	10	1,095.15	10	817.01	10	539.29	10	260.99	10		10		10		10		10	
1/4	1,367.67	1/4	1,089.36	1/4	811.23	1/4	533.49	1/4	255.19	1/4		1/4		1/4		1/4		1/4	
1/2	1,361.88	1/2	1,083.56	1/2	805.45	1/2	527.69	1/2	249.39	1/2		1/2		1/2		1/2		1/2	
3/4	1,356.08	3/4	1,077.76	3/4	799.68	3/4	521.90	3/4	243.59	3/4		3/4		3/4		3/4		3/4	
11	1,350.28	11	1,071.96	11	793.90	11	516.10	11	237.79	11		11		11		11		11	
1/4	1,344.48	1/4	1,066.16	1/4	788.12	1/4	510.30	1/4	232.00	1/4		1/4		1/4		1/4		1/4	
1/2	1,338.68	1/2	1,060.36	1/2	782.34	1/2	504.50	1/2	226.20	1/2		1/2		1/2		1/2		1/2	
3/4	1,332.88	3/4	1,054.57	3/4	776.56	3/4	498.70	3/4	220.40	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/29/2018 SW  
CALCULATED: 11/30/2018 CL  
PRINTED: 11/30/2018 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2018

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "DBL 307"

## 2 STBD 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	3,804.49	0	3,541.39	0	3,265.54	0	2,987.22	0	2,708.90	0	2,430.58	0	2,152.26	0	1,873.94		
1/4	1/4	4,038.58	3,799.15	1/4	3,535.74	1/4	3,259.74	1/4	2,981.42	1/4	2,703.10	1/4	2,424.78	1/4	2,146.46	1/4	1,868.15		
1/2	1/2	4,035.36	3,793.81	1/2	3,530.10	1/2	3,253.94	1/2	2,975.62	1/2	2,697.30	1/2	2,418.98	1/2	2,140.67	1/2	1,862.35		
3/4	3/4	4,032.14	3,788.47	3/4	3,524.45	3/4	3,248.14	3/4	2,969.82	3/4	2,691.51	3/4	2,413.19	3/4	2,134.87	3/4	1,856.55		
1	1	4,028.92	3,783.14	1	3,518.81	1	3,242.34	1	2,964.03	1	2,685.71	1	2,407.39	1	2,129.07	1	1,850.75		
1/4	1/4	4,024.87	3,777.78	1/4	3,513.14	1/4	3,236.55	1/4	2,958.23	1/4	2,679.91	1/4	2,401.59	1/4	2,123.27	1/4	1,844.95		
1/2	1/2	4,020.83	3,772.42	1/2	3,507.48	1/2	3,230.75	1/2	2,952.43	1/2	2,674.11	1/2	2,395.79	1/2	2,117.47	1/2	1,839.15		
3/4	3/4	4,016.78	3,767.06	3/4	3,501.81	3/4	3,224.95	3/4	2,946.63	3/4	2,668.31	3/4	2,389.99	3/4	2,111.68	3/4	1,833.36		
2	2	4,012.73	3,761.70	2	3,496.15	2	3,219.15	2	2,940.83	2	2,662.51	2	2,384.20	2	2,105.88	2	1,827.56		
1/4	1/4	4,007.83	3,756.31	1/4	3,490.46	1/4	3,213.35	1/4	2,935.03	1/4	2,656.72	1/4	2,378.40	1/4	2,100.08	1/4	1,821.76		
1/2	1/2	4,002.93	3,750.93	1/2	3,484.77	1/2	3,207.55	1/2	2,929.24	1/2	2,650.92	1/2	2,372.60	1/2	2,094.28	1/2	1,815.96		
3/4	3/4	3,998.02	3,745.55	3/4	3,479.08	3/4	3,201.76	3/4	2,923.44	3/4	2,645.12	3/4	2,366.80	3/4	2,088.48	3/4	1,810.16		
3	3	3,993.12	3,740.17	3	3,473.39	3	3,195.96	3	2,917.64	3	2,639.32	3	2,361.00	3	2,082.68	3	1,804.37		
1/4	1/4	3,987.87	3,734.77	1/4	3,467.68	1/4	3,190.16	1/4	2,911.84	1/4	2,633.52	1/4	2,355.20	1/4	2,076.89	1/4	1,798.57		
1/2	1/2	3,982.63	3,729.36	1/2	3,461.97	1/2	3,184.36	1/2	2,906.04	1/2	2,627.72	1/2	2,349.41	1/2	2,071.09	1/2	1,792.77		
3/4	3/4	3,977.38	3,723.96	3/4	3,456.26	3/4	3,178.56	3/4	2,900.24	3/4	2,621.93	3/4	2,343.61	3/4	2,065.29	3/4	1,786.97		
4	4	3,972.13	3,718.56	4	3,450.55	4	3,172.76	4	2,894.45	4	2,616.13	4	2,337.81	4	2,059.49	4	1,781.17		
1/4	1/4	3,966.97	3,713.13	1/4	3,444.82	1/4	3,166.97	1/4	2,888.65	1/4	2,610.33	1/4	2,332.01	1/4	2,053.69	1/4	1,775.37		
1/2	1/2	3,961.81	3,707.71	1/2	3,439.09	1/2	3,161.17	1/2	2,882.85	1/2	2,604.53	1/2	2,326.21	1/2	2,047.89	1/2	1,769.58		
3/4	3/4	3,956.65	3,702.29	3/4	3,433.36	3/4	3,155.37	3/4	2,877.05	3/4	2,598.73	3/4	2,320.41	3/4	2,042.10	3/4	1,763.78		
5	5	3,951.49	3,696.86	5	3,427.62	5	3,149.57	5	2,871.25	5	2,592.93	5	2,314.62	5	2,036.30	5	1,757.98		
1/4	1/4	3,946.30	3,691.39	1/4	3,421.87	1/4	3,143.77	1/4	2,865.45	1/4	2,587.14	1/4	2,308.82	1/4	2,030.50	1/4	1,752.18		
1/2	1/2	3,941.12	3,685.92	1/2	3,416.12	1/2	3,137.97	1/2	2,859.66	1/2	2,581.34	1/2	2,303.02	1/2	2,024.70	1/2	1,746.38		
3/4	3/4	3,935.93	3,680.46	3/4	3,410.36	3/4	3,132.18	3/4	2,853.86	3/4	2,575.54	3/4	2,297.22	3/4	2,018.90	3/4	1,740.58		
6	6	3,930.75	3,674.99	6	3,404.61	6	3,126.38	6	2,848.06	6	2,569.74	6	2,291.42	6	2,013.10	6	1,734.79		
1/4	1/4	3,925.55	3,669.48	1/4	3,398.83	1/4	3,120.58	1/4	2,842.26	1/4	2,563.94	1/4	2,285.62	1/4	2,007.31	1/4	1,728.99		
1/2	1/2	3,920.34	3,663.97	1/2	3,393.05	1/2	3,114.78	1/2	2,836.46	1/2	2,558.14	1/2	2,279.83	1/2	2,001.51	1/2	1,723.19		
3/4	3/4	3,915.13	3,658.45	3/4	3,387.28	3/4	3,108.98	3/4	2,830.66	3/4	2,552.35	3/4	2,274.03	3/4	1,995.71	3/4	1,717.39		
7	7	3,909.93	3,652.94	7	3,381.50	7	3,103.18	7	2,824.87	7	2,546.55	7	2,268.23	7	1,989.91	7	1,711.59		
1/4	1/4	3,904.70	3,647.41	1/4	3,375.70	1/4	3,097.39	1/4	2,819.07	1/4	2,540.75	1/4	2,262.43	1/4	1,984.11	1/4	1,705.79		
1/2	1/2	3,899.47	3,641.87	1/2	3,369.91	1/2	3,091.59	1/2	2,813.27	1/2	2,534.95	1/2	2,256.63	1/2	1,978.31	1/2	1,700.00		
3/4	3/4	3,894.24	3,636.34	3/4	3,364.11	3/4	3,085.79	3/4	2,807.47	3/4	2,529.15	3/4	2,250.83	3/4	1,972.52	3/4	1,694.20		
8	8	3,889.02	3,630.81	8	3,358.31	8	3,079.99	8	2,801.67	8	2,523.35	8	2,245.04	8	1,966.72	8	1,688.40		
1/4	1/4	3,883.77	3,625.25	1/4	3,352.51	1/4	3,074.19	1/4	2,795.87	1/4	2,517.56	1/4	2,239.24	1/4	1,960.92	1/4	1,682.60		
1/2	1/2	3,878.52	3,619.70	1/2	3,346.71	1/2	3,068.39	1/2	2,790.08	1/2	2,511.76	1/2	2,233.44	1/2	1,955.12	1/2	1,676.80		
3/4	3/4	3,873.27	3,614.14	3/4	3,340.91	3/4	3,062.60	3/4	2,784.28	3/4	2,505.96	3/4	2,227.64	3/4	1,949.32	3/4	1,671.00		
9	9	3,868.02	3,608.58	9	3,335.12	9	3,056.80	9	2,778.48	9	2,500.16	9	2,221.84	9	1,943.52	9	1,665.21		
1/4	1/4	3,862.74	3,603.01	1/4	3,329.32	1/4	3,051.00	1/4	2,772.68	1/4	2,494.36	1/4	2,216.04	1/4	1,937.73	1/4	1,659.41		
1/2	1/2	3,857.47	3,597.43	1/2	3,323.52	1/2	3,045.20	1/2	2,766.88	1/2	2,488.56	1/2	2,210.25	1/2	1,931.93	1/2	1,653.61		
3/4	3/4	3,852.20	3,591.85	3/4	3,317.72	3/4	3,039.40	3/4	2,761.08	3/4	2,482.77	3/4	2,204.45	3/4	1,926.13	3/4	1,647.81		
10	10	3,846.93	3,586.27	10	3,311.92	10	3,033.60	10	2,755.29	10	2,476.97	10	2,198.65	10	1,920.33	10	1,642.01		
1/4	1/4	3,841.63	3,580.67	1/4	3,306.12	1/4	3,027.81	1/4	2,749.49	1/4	2,471.17	1/4	2,192.85	1/4	1,914.53	1/4	1,636.21		
1/2	1/2	3,836.34	3,575.07	1/2	3,300.33	1/2	3,022.01	1/2	2,743.69	1/2	2,465.37	1/2	2,187.05	1/2	1,908.73	1/2	1,630.42		
3/4	3/4	3,831.05	3,569.47	3/4	3,294.53	3/4	3,016.21	3/4	2,737.89	3/4	2,459.57	3/4	2,181.25	3/4	1,902.94	3/4	1,624.62		
11	11	3,825.75	3,563.87	11	3,288.73	11	3,010.41	11	2,732.09	11	2,453.77	11	2,175.46	11	1,897.14	11	1,618.82		
1/4	1/4	3,820.44	3,558.25	1/4	3,282.93	1/4	3,004.61	1/4	2,726.29	1/4	2,447.98	1/4	2,169.66	1/4	1,891.34	1/4	1,613.02		
1/2	1/2	3,815.12	3,552.63	1/2	3,277.13	1/2	2,998.81	1/2	2,720.50	1/2	2,442.18	1/2	2,163.86	1/2	1,885.54	1/2	1,607.22		
3/4	3/4	3,809.80	3,547.01	3/4	3,271.34	3/4	2,993.02	3/4	2,714.70	3/4	2,436.38	3/4	2,158.06	3/4	1,879.74	3/4	1,601.42		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO 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 307"

## 2 STBD 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	1,595.63	0	1,317.31	0	1,038.99	0	763.25	0	487.11	0	208.80	0		0		0		0	
1/4	1,589.83	1/4	1,311.51	1/4	1,033.19	1/4	757.55	1/4	481.31	1/4	203.01	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,584.03	1/2	1,305.71	1/2	1,027.39	1/2	751.85	1/2	475.51	1/2	197.21	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,578.23	3/4	1,299.91	3/4	1,021.59	3/4	746.16	3/4	469.71	3/4	191.41	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,572.43	1	1,294.11	1	1,015.80	1	740.46	1	463.92	1	185.61	1	1	1	1	1	1	1	1
1/4	1,566.63	1/4	1,288.32	1/4	1,010.00	1/4	734.76	1/4	458.12	1/4	179.81	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,560.84	1/2	1,282.52	1/2	1,004.20	1/2	729.06	1/2	452.32	1/2	174.02	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,555.04	3/4	1,276.72	3/4	998.40	3/4	723.37	3/4	446.52	3/4	168.22	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,549.24	2	1,270.92	2	992.60	2	717.67	2	440.72	2	162.42	2	2	2	2	2	2	2	2
1/4	1,543.44	1/4	1,265.12	1/4	986.80	1/4	711.97	1/4	434.93	1/4	156.62	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,537.64	1/2	1,259.32	1/2	981.01	1/2	706.28	1/2	429.13	1/2	150.82	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,531.85	3/4	1,253.53	3/4	975.21	3/4	700.58	3/4	423.33	3/4	145.03	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,526.05	3	1,247.73	3	969.41	3	694.88	3	417.53	3	139.23	3	3	3	3	3	3	3	3
1/4	1,520.25	1/4	1,241.93	1/4	963.61	1/4	689.18	1/4	411.73	1/4	133.43	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,514.45	1/2	1,236.13	1/2	957.81	1/2	683.49	1/2	405.94	1/2	127.64	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,508.65	3/4	1,230.33	3/4	952.02	3/4	677.79	3/4	400.14	3/4	121.84	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,502.85	4	1,224.54	4	946.22	4	672.09	4	394.34	4	116.05	4	4	4	4	4	4	4	4
1/4	1,497.06	1/4	1,218.74	1/4	940.42	1/4	666.39	1/4	388.54	1/4	110.26	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,491.26	1/2	1,212.94	1/2	934.62	1/2	660.69	1/2	382.74	1/2	104.48	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,485.46	3/4	1,207.14	3/4	928.82	3/4	654.98	3/4	376.95	3/4	98.69	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,479.66	5	1,201.34	5	923.02	5	649.28	5	371.15	5	92.90	5	5	5	5	5	5	5	5
1/4	1,473.86	1/4	1,195.54	1/4	917.27	1/4	643.52	1/4	365.35	1/4	87.14	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,468.06	1/2	1,189.75	1/2	911.52	1/2	637.77	1/2	359.55	1/2	81.37	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,462.27	3/4	1,183.95	3/4	905.76	3/4	632.01	3/4	353.75	3/4	75.60	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,456.47	6	1,178.15	6	900.01	6	626.26	6	347.96	6	69.83	6	6	6	6	6	6	6	6
1/4	1,450.67	1/4	1,172.35	1/4	894.30	1/4	620.46	1/4	342.16	1/4	64.34	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,444.87	1/2	1,166.55	1/2	888.60	1/2	614.66	1/2	336.36	1/2	58.86	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,439.07	3/4	1,160.75	3/4	882.90	3/4	608.87	3/4	330.56	3/4	53.37	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,433.27	7	1,154.96	7	877.19	7	603.07	7	324.76	7	47.89	7	7	7	7	7	7	7	7
1/4	1,427.48	1/4	1,149.16	1/4	871.50	1/4	597.27	1/4	318.97	1/4	43.25	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,421.68	1/2	1,143.36	1/2	865.80	1/2	591.47	1/2	313.17	1/2	38.61	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,415.88	3/4	1,137.56	3/4	860.10	3/4	585.67	3/4	307.37	3/4	33.98	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,410.08	8	1,131.76	8	854.41	8	579.88	8	301.57	8	29.34	8	8	8	8	8	8	8	8
1/4	1,404.28	1/4	1,125.96	1/4	848.71	1/4	574.08	1/4	295.77	1/4	25.86	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,398.48	1/2	1,120.17	1/2	843.01	1/2	568.28	1/2	289.98	1/2	22.38	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,392.69	3/4	1,114.37	3/4	837.31	3/4	562.48	3/4	284.18	3/4	18.90	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,386.89	9	1,108.57	9	831.62	9	556.68	9	278.38	9	15.43	9	9	9	9	9	9	9	9
1/4	1,381.09	1/4	1,102.77	1/4	825.92	1/4	550.89	1/4	272.58	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,375.29	1/2	1,096.97	1/2	820.22	1/2	545.09	1/2	266.78	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,369.49	3/4	1,091.17	3/4	814.52	3/4	539.29	3/4	260.99	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,363.69	10	1,085.38	10	808.83	10	533.49	10	255.19	10		10	10	10	10	10	10	10	10
1/4	1,357.90	1/4	1,079.58	1/4	803.13	1/4	527.69	1/4	249.39	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,352.10	1/2	1,073.78	1/2	797.43	1/2	521.90	1/2	243.59	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,346.30	3/4	1,067.98	3/4	791.74	3/4	516.10	3/4	237.79	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,340.50	11	1,062.18	11	786.04	11	510.30	11	232.00	11		11	11	11	11	11	11	11	11
1/4	1,334.70	1/4	1,056.38	1/4	780.34	1/4	504.50	1/4	226.20	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,328.90	1/2	1,050.59	1/2	774.64	1/2	498.70	1/2	220.40	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,323.11	3/4	1,044.79	3/4	768.95	3/4	492.91	3/4	214.60	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: 11/29/2018 SW  
CALCULATED: 11/30/2018 CL  
PRINTED: 11/30/2018 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2018

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "DBL 307"

## 3 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	3,672.87	0	3,438.90	0	3,192.36	0	2,943.35	0	2,693.20	0	2,418.12	0	2,143.24	0	1,866.60		
1/4	1/4	3,878.73	3,668.14	1/4	3,433.87	1/4	3,187.17	1/4	2,938.16	1/4	2,687.45	1/4	2,412.41	1/4	2,137.47	1/4	1,860.84		
1/2	1/2	3,876.10	3,663.40	1/2	3,428.83	1/2	3,181.99	1/2	2,932.97	1/2	2,681.69	1/2	2,406.69	1/2	2,131.71	1/2	1,855.07		
3/4	3/4	3,873.46	3,658.67	3/4	3,423.80	3/4	3,176.80	3/4	2,927.78	3/4	2,675.94	3/4	2,400.98	3/4	2,125.95	3/4	1,849.31		
1	1	3,870.83	3,653.93	1	3,418.76	1	3,171.61	1	2,922.60	1	2,670.18	1	2,395.27	1	2,120.18	1	1,843.55		
1/4	1/4	3,867.37	3,649.18	1/4	3,413.71	1/4	3,166.42	1/4	2,917.41	1/4	2,664.43	1/4	2,389.56	1/4	2,114.42	1/4	1,837.78		
1/2	1/2	3,863.91	3,644.42	1/2	3,408.65	1/2	3,161.24	1/2	2,912.22	1/2	2,658.67	1/2	2,383.85	1/2	2,108.66	1/2	1,832.02		
3/4	3/4	3,860.46	3,639.67	3/4	3,403.60	3/4	3,156.05	3/4	2,907.03	3/4	2,652.92	3/4	2,378.14	3/4	2,102.89	3/4	1,826.26		
2	2	3,857.00	3,634.91	2	3,398.54	2	3,150.86	2	2,901.85	2	2,647.16	2	2,372.43	2	2,097.13	2	1,820.49		
1/4	1/4	3,852.69	3,630.13	1/4	3,393.46	1/4	3,145.67	1/4	2,896.66	1/4	2,641.41	1/4	2,366.72	1/4	2,091.37	1/4	1,814.73		
1/2	1/2	3,848.39	3,625.35	1/2	3,388.38	1/2	3,140.48	1/2	2,891.47	1/2	2,635.65	1/2	2,361.01	1/2	2,085.60	1/2	1,808.97		
3/4	3/4	3,844.08	3,620.58	3/4	3,383.30	3/4	3,135.30	3/4	2,886.28	3/4	2,629.90	3/4	2,355.30	3/4	2,079.84	3/4	1,803.20		
3	3	3,839.78	3,615.80	3	3,378.23	3	3,130.11	3	2,881.09	3	2,624.14	3	2,349.59	3	2,074.08	3	1,797.44		
1/4	1/4	3,835.14	3,611.00	1/4	3,373.13	1/4	3,124.92	1/4	2,875.91	1/4	2,618.39	1/4	2,343.87	1/4	2,068.31	1/4	1,791.68		
1/2	1/2	3,830.49	3,606.20	1/2	3,368.03	1/2	3,119.73	1/2	2,870.72	1/2	2,612.63	1/2	2,338.16	1/2	2,062.55	1/2	1,785.91		
3/4	3/4	3,825.85	3,601.40	3/4	3,362.93	3/4	3,114.55	3/4	2,865.53	3/4	2,606.88	3/4	2,332.45	3/4	2,056.79	3/4	1,780.15		
4	4	3,821.21	3,596.61	4	3,357.83	4	3,109.36	4	2,860.34	4	2,601.12	4	2,326.74	4	2,051.02	4	1,774.39		
1/4	1/4	3,816.65	3,591.79	1/4	3,352.70	1/4	3,104.17	1/4	2,855.16	1/4	2,595.37	1/4	2,321.03	1/4	2,045.26	1/4	1,768.62		
1/2	1/2	3,812.09	3,586.96	1/2	3,347.58	1/2	3,098.98	1/2	2,849.97	1/2	2,589.61	1/2	2,315.32	1/2	2,039.50	1/2	1,762.86		
3/4	3/4	3,807.53	3,582.14	3/4	3,342.46	3/4	3,093.79	3/4	2,844.78	3/4	2,583.86	3/4	2,309.61	3/4	2,033.73	3/4	1,757.10		
5	5	3,802.97	3,577.32	5	3,337.34	5	3,088.61	5	2,839.59	5	2,578.11	5	2,303.90	5	2,027.97	5	1,751.33		
1/4	1/4	3,798.39	3,572.46	1/4	3,332.19	1/4	3,083.42	1/4	2,834.40	1/4	2,572.37	1/4	2,298.19	1/4	2,022.21	1/4	1,745.57		
1/2	1/2	3,793.81	3,567.60	1/2	3,327.05	1/2	3,078.23	1/2	2,829.22	1/2	2,566.64	1/2	2,292.48	1/2	2,016.44	1/2	1,739.81		
3/4	3/4	3,789.23	3,562.74	3/4	3,321.91	3/4	3,073.04	3/4	2,824.03	3/4	2,560.91	3/4	2,286.77	3/4	2,010.68	3/4	1,734.04		
6	6	3,784.65	3,557.88	6	3,316.76	6	3,067.86	6	2,818.84	6	2,555.18	6	2,281.05	6	2,004.92	6	1,728.28		
1/4	1/4	3,780.05	3,552.98	1/4	3,311.60	1/4	3,062.67	1/4	2,813.65	1/4	2,549.47	1/4	2,275.34	1/4	1,999.15	1/4	1,722.52		
1/2	1/2	3,775.44	3,548.07	1/2	3,306.43	1/2	3,057.48	1/2	2,808.47	1/2	2,543.76	1/2	2,269.63	1/2	1,993.39	1/2	1,716.75		
3/4	3/4	3,770.84	3,543.17	3/4	3,301.27	3/4	3,052.29	3/4	2,803.28	3/4	2,538.05	3/4	2,263.92	3/4	1,987.63	3/4	1,710.99		
7	7	3,766.24	3,538.27	7	3,296.10	7	3,047.10	7	2,798.09	7	2,532.33	7	2,258.21	7	1,981.86	7	1,705.23		
1/4	1/4	3,761.61	3,533.34	1/4	3,290.92	1/4	3,041.92	1/4	2,792.90	1/4	2,526.62	1/4	2,252.50	1/4	1,976.10	1/4	1,699.46		
1/2	1/2	3,756.99	3,528.42	1/2	3,285.73	1/2	3,036.73	1/2	2,787.71	1/2	2,520.91	1/2	2,246.79	1/2	1,970.34	1/2	1,693.70		
3/4	3/4	3,752.37	3,523.49	3/4	3,280.55	3/4	3,031.54	3/4	2,782.53	3/4	2,515.20	3/4	2,241.08	3/4	1,964.57	3/4	1,687.94		
8	8	3,747.74	3,518.57	8	3,275.37	8	3,026.35	8	2,777.34	8	2,509.49	8	2,235.37	8	1,958.81	8	1,682.17		
1/4	1/4	3,743.09	3,513.62	1/4	3,270.18	1/4	3,021.17	1/4	2,772.15	1/4	2,503.78	1/4	2,229.62	1/4	1,953.05	1/4	1,676.41		
1/2	1/2	3,738.45	3,508.68	1/2	3,264.99	1/2	3,015.98	1/2	2,766.96	1/2	2,498.07	1/2	2,223.88	1/2	1,947.28	1/2	1,670.65		
3/4	3/4	3,733.80	3,503.73	3/4	3,259.80	3/4	3,010.79	3/4	2,761.78	3/4	2,492.36	3/4	2,218.14	3/4	1,941.52	3/4	1,664.88		
9	9	3,729.15	3,498.78	9	3,254.62	9	3,005.60	9	2,756.59	9	2,486.65	9	2,212.40	9	1,935.76	9	1,659.12		
1/4	1/4	3,724.49	3,493.82	1/4	3,249.43	1/4	3,000.41	1/4	2,751.40	1/4	2,480.94	1/4	2,206.63	1/4	1,929.99	1/4	1,653.36		
1/2	1/2	3,719.82	3,488.85	1/2	3,244.24	1/2	2,995.23	1/2	2,746.21	1/2	2,475.23	1/2	2,200.87	1/2	1,924.23	1/2	1,647.59		
3/4	3/4	3,715.15	3,483.88	3/4	3,239.05	3/4	2,990.04	3/4	2,741.02	3/4	2,469.51	3/4	2,195.11	3/4	1,918.47	3/4	1,641.83		
10	10	3,710.48	3,478.91	10	3,233.86	10	2,984.85	10	2,735.84	10	2,463.80	10	2,189.34	10	1,912.70	10	1,636.07		
1/4	1/4	3,705.79	3,473.92	1/4	3,228.68	1/4	2,979.66	1/4	2,730.65	1/4	2,458.09	1/4	2,183.58	1/4	1,906.94	1/4	1,630.30		
1/2	1/2	3,701.10	3,468.93	1/2	3,223.49	1/2	2,974.47	1/2	2,725.46	1/2	2,452.38	1/2	2,177.82	1/2	1,901.18	1/2	1,624.54		
3/4	3/4	3,696.41	3,463.94	3/4	3,218.30	3/4	2,969.29	3/4	2,720.27	3/4	2,446.67	3/4	2,172.05	3/4	1,895.41	3/4	1,618.78		
11	11	3,691.72	3,458.95	11	3,213.11	11	2,964.10	11	2,715.08	11	2,440.96	11	2,166.29	11	1,889.65	11	1,613.01		
1/4	1/4	3,687.01	3,453.94	1/4	3,207.93	1/4	2,958.91	1/4	2,709.61	1/4	2,435.25	1/4	2,160.53	1/4	1,883.89	1/4	1,607.25		
1/2	1/2	3,682.29	3,448.93	1/2	3,202.74	1/2	2,953.72	1/2	2,704.14	1/2	2,429.54	1/2	2,154.76	1/2	1,878.13	1/2	1,601.49		
3/4	3/4	3,677.58	3,443.91	3/4	3,197.55	3/4	2,948.54	3/4	2,698.67	3/4	2,423.83	3/4	2,149.00	3/4	1,872.36	3/4	1,595.72		

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 307"

## 3 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	1,589.96	0	1,313.32	0	1,036.68	0	760.47	0	484.19	0	207.55	0		0		0		0	
1/4	1,584.20	1/4	1,307.56	1/4	1,030.92	1/4	754.72	1/4	478.42	1/4	201.79	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,578.43	1/2	1,301.80	1/2	1,025.16	1/2	748.98	1/2	472.66	1/2	196.03	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,572.67	3/4	1,296.03	3/4	1,019.39	3/4	743.23	3/4	466.90	3/4	190.26	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,566.91	1	1,290.27	1	1,013.63	1	737.49	1	461.13	1	184.50	1	1	1	1	1	1	1	1
1/4	1,561.14	1/4	1,284.51	1/4	1,007.87	1/4	731.75	1/4	455.37	1/4	178.74	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,555.38	1/2	1,278.74	1/2	1,002.10	1/2	726.00	1/2	449.61	1/2	172.97	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,549.62	3/4	1,272.98	3/4	996.34	3/4	720.26	3/4	443.84	3/4	167.21	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,543.85	2	1,267.22	2	990.58	2	714.51	2	438.08	2	161.45	2	2	2	2	2	2	2	2
1/4	1,538.09	1/4	1,261.45	1/4	984.81	1/4	708.77	1/4	432.32	1/4	155.68	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,532.33	1/2	1,255.69	1/2	979.05	1/2	703.03	1/2	426.55	1/2	149.92	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,526.56	3/4	1,249.93	3/4	973.29	3/4	697.28	3/4	420.79	3/4	144.16	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,520.80	3	1,244.16	3	967.52	3	691.54	3	415.03	3	138.40	3	3	3	3	3	3	3	3
1/4	1,515.04	1/4	1,238.40	1/4	961.76	1/4	685.79	1/4	409.26	1/4	132.64	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,509.27	1/2	1,232.64	1/2	956.00	1/2	680.05	1/2	403.50	1/2	126.88	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,503.51	3/4	1,226.87	3/4	950.23	3/4	674.31	3/4	397.74	3/4	121.12	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,497.75	4	1,221.11	4	944.47	4	668.56	4	391.97	4	115.36	4	4	4	4	4	4	4	4
1/4	1,491.98	1/4	1,215.35	1/4	938.71	1/4	662.81	1/4	386.21	1/4	109.60	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,486.22	1/2	1,209.58	1/2	932.94	1/2	657.06	1/2	380.45	1/2	103.85	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,480.46	3/4	1,203.82	3/4	927.18	3/4	651.31	3/4	374.68	3/4	98.10	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,474.69	5	1,198.06	5	921.42	5	645.55	5	368.92	5	92.35	5	5	5	5	5	5	5	5
1/4	1,468.93	1/4	1,192.29	1/4	915.65	1/4	639.79	1/4	363.16	1/4	86.62	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,463.17	1/2	1,186.53	1/2	909.89	1/2	634.03	1/2	357.39	1/2	80.88	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,457.40	3/4	1,180.77	3/4	904.13	3/4	628.27	3/4	351.63	3/4	75.15	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,451.64	6	1,175.00	6	898.36	6	622.50	6	345.87	6	69.41	6	6	6	6	6	6	6	6
1/4	1,445.88	1/4	1,169.24	1/4	892.61	1/4	616.74	1/4	340.11	1/4	63.96	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,440.11	1/2	1,163.48	1/2	886.86	1/2	610.98	1/2	334.34	1/2	58.51	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,434.35	3/4	1,157.71	3/4	881.10	3/4	605.21	3/4	328.58	3/4	53.06	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,428.59	7	1,151.95	7	875.35	7	599.45	7	322.82	7	47.60	7	7	7	7	7	7	7	7
1/4	1,422.82	1/4	1,146.19	1/4	869.60	1/4	593.69	1/4	317.05	1/4	42.99	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,417.06	1/2	1,140.42	1/2	863.86	1/2	587.92	1/2	311.29	1/2	38.38	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,411.30	3/4	1,134.66	3/4	858.12	3/4	582.16	3/4	305.53	3/4	33.78	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,405.53	8	1,128.90	8	852.37	8	576.40	8	299.76	8	29.17	8	8	8	8	8	8	8	8
1/4	1,399.77	1/4	1,123.13	1/4	846.63	1/4	570.63	1/4	294.00	1/4	25.71	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,394.01	1/2	1,117.37	1/2	840.88	1/2	564.87	1/2	288.24	1/2	22.25	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,388.24	3/4	1,111.61	3/4	835.14	3/4	559.11	3/4	282.47	3/4	18.80	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,382.48	9	1,105.84	9	829.40	9	553.34	9	276.71	9	15.34	9	9	9	9	9	9	9	9
1/4	1,376.72	1/4	1,100.08	1/4	823.65	1/4	547.58	1/4	270.95	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,370.95	1/2	1,094.32	1/2	817.91	1/2	541.82	1/2	265.18	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,365.19	3/4	1,088.55	3/4	812.16	3/4	536.05	3/4	259.42	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,359.43	10	1,082.79	10	806.42	10	530.29	10	253.66	10		10	10	10	10	10	10	10	10
1/4	1,353.66	1/4	1,077.03	1/4	800.68	1/4	524.53	1/4	247.89	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,347.90	1/2	1,071.26	1/2	794.93	1/2	518.76	1/2	242.13	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,342.14	3/4	1,065.50	3/4	789.19	3/4	513.00	3/4	236.37	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,336.37	11	1,059.74	11	783.44	11	507.24	11	230.60	11		11	11	11	11	11	11	11	11
1/4	1,330.61	1/4	1,053.97	1/4	777.70	1/4	501.47	1/4	224.84	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,324.85	1/2	1,048.21	1/2	771.96	1/2	495.71	1/2	219.08	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,319.08	3/4	1,042.45	3/4	766.21	3/4	489.95	3/4	213.31	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: 11/29/2018 SW  
CALCULATED: 11/30/2018 CL  
PRINTED: 11/30/2018 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 307"

## 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	3,878.96	0	3,668.20	0	3,433.76	0	3,186.93	0	2,937.75	0	2,686.88	0	2,411.71	0	2,136.69	0	1,859.92	
1/4	1/4	3,876.33	1/4	3,663.46	1/4	3,428.73	1/4	3,181.74	1/4	2,932.56	1/4	2,681.12	1/4	2,406.00	1/4	2,130.92	1/4	1,854.15	
1/2	1/2	3,873.69	1/2	3,658.73	1/2	3,423.69	1/2	3,176.54	1/2	2,927.37	1/2	2,675.37	1/2	2,400.29	1/2	2,125.15	1/2	1,848.39	
3/4	3/4	3,871.05	3/4	3,653.99	3/4	3,418.65	3/4	3,171.35	3/4	2,922.18	3/4	2,669.61	3/4	2,394.57	3/4	2,119.39	3/4	1,842.62	
1	1	3,867.59	1	3,649.23	1	3,413.59	1	3,166.16	1	2,916.99	1	2,663.85	1	2,388.86	1	2,113.62	1	1,836.85	
1/4	1/4	3,864.13	1/4	3,644.47	1/4	3,408.53	1/4	3,160.97	1/4	2,911.80	1/4	2,658.10	1/4	2,383.15	1/4	2,107.86	1/4	1,831.09	
1/2	1/2	3,860.67	1/2	3,639.71	1/2	3,403.47	1/2	3,155.78	1/2	2,906.61	1/2	2,652.34	1/2	2,377.43	1/2	2,102.09	1/2	1,825.32	
3/4	3/4	3,857.21	3/4	3,634.95	3/4	3,398.41	3/4	3,150.59	3/4	2,901.42	3/4	2,646.58	3/4	2,371.72	3/4	2,096.32	3/4	1,819.56	
2	2	3,852.91	2	3,630.17	2	3,393.33	2	3,145.40	2	2,896.22	2	2,640.82	2	2,366.01	2	2,090.56	2	1,813.79	
1/4	1/4	3,848.60	1/4	3,625.39	1/4	3,388.25	1/4	3,140.21	1/4	2,891.03	1/4	2,635.07	1/4	2,360.29	1/4	2,084.79	1/4	1,808.02	
1/2	1/2	3,844.29	1/2	3,620.61	1/2	3,383.17	1/2	3,135.02	1/2	2,885.84	1/2	2,629.31	1/2	2,354.58	1/2	2,079.03	1/2	1,802.26	
3/4	3/4	3,839.99	3/4	3,615.83	3/4	3,378.09	3/4	3,129.82	3/4	2,880.65	3/4	2,623.55	3/4	2,348.87	3/4	2,073.26	3/4	1,796.49	
3	3	3,835.34	3	3,611.02	3	3,372.98	3	3,124.63	3	2,875.46	3	2,617.79	3	2,343.15	3	2,067.49	3	1,790.73	
1/4	1/4	3,830.69	1/4	3,606.22	1/4	3,367.88	1/4	3,119.44	1/4	2,870.27	1/4	2,612.04	1/4	2,337.44	1/4	2,061.73	1/4	1,784.96	
1/2	1/2	3,826.04	1/2	3,601.42	1/2	3,362.78	1/2	3,114.25	1/2	2,865.08	1/2	2,606.28	1/2	2,331.73	1/2	2,055.96	1/2	1,779.19	
3/4	3/4	3,821.40	3/4	3,596.62	3/4	3,357.67	3/4	3,109.06	3/4	2,859.89	3/4	2,600.52	3/4	2,326.01	3/4	2,050.20	3/4	1,773.43	
4	4	3,816.83	4	3,591.79	4	3,352.55	4	3,103.87	4	2,854.70	4	2,594.77	4	2,320.30	4	2,044.43	4	1,767.66	
1/4	1/4	3,812.27	1/4	3,586.97	1/4	3,347.42	1/4	3,098.68	1/4	2,849.50	1/4	2,589.01	1/4	2,314.59	1/4	2,038.66	1/4	1,761.90	
1/2	1/2	3,807.71	1/2	3,582.15	1/2	3,342.30	1/2	3,093.49	1/2	2,844.31	1/2	2,583.25	1/2	2,308.87	1/2	2,032.90	1/2	1,756.13	
3/4	3/4	3,803.15	3/4	3,577.32	3/4	3,337.17	3/4	3,088.30	3/4	2,839.12	3/4	2,577.49	3/4	2,303.16	3/4	2,027.13	3/4	1,750.36	
5	5	3,798.56	5	3,572.46	5	3,332.03	5	3,083.10	5	2,833.93	5	2,571.76	5	2,297.45	5	2,021.37	5	1,744.60	
1/4	1/4	3,793.98	1/4	3,567.59	1/4	3,326.88	1/4	3,077.91	1/4	2,828.74	1/4	2,566.02	1/4	2,291.73	1/4	2,015.60	1/4	1,738.83	
1/2	1/2	3,789.39	1/2	3,562.73	1/2	3,321.73	1/2	3,072.72	1/2	2,823.55	1/2	2,560.28	1/2	2,286.02	1/2	2,009.83	1/2	1,733.07	
3/4	3/4	3,784.81	3/4	3,557.86	3/4	3,316.58	3/4	3,067.53	3/4	2,818.36	3/4	2,554.55	3/4	2,280.30	3/4	2,004.07	3/4	1,727.30	
6	6	3,780.20	6	3,552.95	6	3,311.42	6	3,062.34	6	2,813.17	6	2,548.83	6	2,274.59	6	1,998.30	6	1,721.53	
1/4	1/4	3,775.60	1/4	3,548.05	1/4	3,306.25	1/4	3,057.15	1/4	2,807.98	1/4	2,543.12	1/4	2,268.88	1/4	1,992.54	1/4	1,715.77	
1/2	1/2	3,770.99	1/2	3,543.14	1/2	3,301.08	1/2	3,051.96	1/2	2,802.78	1/2	2,537.41	1/2	2,263.16	1/2	1,986.77	1/2	1,710.00	
3/4	3/4	3,766.38	3/4	3,538.24	3/4	3,295.91	3/4	3,046.77	3/4	2,797.59	3/4	2,531.69	3/4	2,257.45	3/4	1,981.00	3/4	1,704.24	
7	7	3,761.76	7	3,533.31	7	3,290.72	7	3,041.58	7	2,792.40	7	2,525.98	7	2,251.74	7	1,975.24	7	1,698.47	
1/4	1/4	3,757.13	1/4	3,528.38	1/4	3,285.54	1/4	3,036.38	1/4	2,787.21	1/4	2,520.27	1/4	2,246.02	1/4	1,969.47	1/4	1,692.70	
1/2	1/2	3,752.50	1/2	3,523.45	1/2	3,280.36	1/2	3,031.19	1/2	2,782.02	1/2	2,514.55	1/2	2,240.31	1/2	1,963.71	1/2	1,686.94	
3/4	3/4	3,747.87	3/4	3,518.53	3/4	3,275.17	3/4	3,026.00	3/4	2,776.83	3/4	2,508.84	3/4	2,234.60	3/4	1,957.94	3/4	1,681.17	
8	8	3,743.22	8	3,513.58	8	3,269.98	8	3,020.81	8	2,771.64	8	2,503.13	8	2,228.86	8	1,952.17	8	1,675.41	
1/4	1/4	3,738.57	1/4	3,508.63	1/4	3,264.79	1/4	3,015.62	1/4	2,766.45	1/4	2,497.41	1/4	2,223.12	1/4	1,946.41	1/4	1,669.64	
1/2	1/2	3,733.92	1/2	3,503.68	1/2	3,259.60	1/2	3,010.43	1/2	2,761.26	1/2	2,491.70	1/2	2,217.38	1/2	1,940.64	1/2	1,663.87	
3/4	3/4	3,729.27	3/4	3,498.73	3/4	3,254.41	3/4	3,005.24	3/4	2,756.06	3/4	2,485.99	3/4	2,211.64	3/4	1,934.88	3/4	1,658.11	
9	9	3,724.60	9	3,493.75	9	3,249.22	9	3,000.05	9	2,750.87	9	2,480.27	9	2,205.88	9	1,929.11	9	1,652.34	
1/4	1/4	3,719.92	1/4	3,488.78	1/4	3,244.03	1/4	2,994.86	1/4	2,745.68	1/4	2,474.56	1/4	2,200.11	1/4	1,923.34	1/4	1,646.58	
1/2	1/2	3,715.25	1/2	3,483.81	1/2	3,238.84	1/2	2,989.66	1/2	2,740.49	1/2	2,468.85	1/2	2,194.35	1/2	1,917.58	1/2	1,640.81	
3/4	3/4	3,710.58	3/4	3,478.84	3/4	3,233.65	3/4	2,984.47	3/4	2,735.30	3/4	2,463.13	3/4	2,188.58	3/4	1,911.81	3/4	1,635.04	
10	10	3,705.89	10	3,473.84	10	3,228.46	10	2,979.28	10	2,730.11	10	2,457.42	10	2,182.81	10	1,906.05	10	1,629.28	
1/4	1/4	3,701.19	1/4	3,468.85	1/4	3,223.26	1/4	2,974.09	1/4	2,724.92	1/4	2,451.71	1/4	2,177.05	1/4	1,900.28	1/4	1,623.51	
1/2	1/2	3,696.50	1/2	3,463.86	1/2	3,218.07	1/2	2,968.90	1/2	2,719.73	1/2	2,445.99	1/2	2,171.28	1/2	1,894.51	1/2	1,617.75	
3/4	3/4	3,691.80	3/4	3,458.86	3/4	3,212.88	3/4	2,963.71	3/4	2,714.54	3/4	2,440.28	3/4	2,165.52	3/4	1,888.75	3/4	1,611.98	
11	11	3,687.09	11	3,453.85	11	3,207.69	11	2,958.52	11	2,709.06	11	2,434.57	11	2,159.75	11	1,882.98	11	1,606.21	
1/4	1/4	3,682.37	1/4	3,448.83	1/4	3,202.50	1/4	2,953.33	1/4	2,703.59	1/4	2,428.85	1/4	2,153.98	1/4	1,877.22	1/4	1,600.45	
1/2	1/2	3,677.66	1/2	3,443.82	1/2	3,197.31	1/2	2,948.14	1/2	2,698.11	1/2	2,423.14	1/2	2,148.22	1/2	1,871.45	1/2	1,594.68	
3/4	3/4	3,672.94	3/4	3,438.80	3/4	3,192.12	3/4	2,942.94	3/4	2,692.64	3/4	2,417.43	3/4	2,142.45	3/4	1,865.68	3/4	1,588.92	

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 307"

## 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	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	1,577.38	1/4	1,300.62	1/4	1,023.85	1/4	748.57	1/4	472.87	1/4	196.11	1/4		1/4		1/4		1/4	
1/2	1,571.62	1/2	1,294.85	1/2	1,018.08	1/2	742.86	1/2	467.10	1/2	190.35	1/2		1/2		1/2		1/2	
3/4	1,565.85	3/4	1,289.08	3/4	1,012.32	3/4	737.15	3/4	461.33	3/4	184.58	3/4		3/4		3/4		3/4	
1	1,560.09	1	1,283.32	1	1,006.55	1	731.44	1	455.57	1	178.82	1		1		1		1	
1/4	1,554.32	1/4	1,277.55	1/4	1,000.78	1/4	725.73	1/4	449.80	1/4	173.05	1/4		1/4		1/4		1/4	
1/2	1,548.55	1/2	1,271.79	1/2	995.02	1/2	720.02	1/2	444.04	1/2	167.28	1/2		1/2		1/2		1/2	
3/4	1,542.79	3/4	1,266.02	3/4	989.25	3/4	714.30	3/4	438.27	3/4	161.52	3/4		3/4		3/4		3/4	
2	1,537.02	2	1,260.25	2	983.49	2	708.59	2	432.51	2	155.75	2		2		2		2	
1/4	1,531.26	1/4	1,254.49	1/4	977.72	1/4	702.88	1/4	426.74	1/4	149.99	1/4		1/4		1/4		1/4	
1/2	1,525.49	1/2	1,248.72	1/2	971.95	1/2	697.17	1/2	420.97	1/2	144.22	1/2		1/2		1/2		1/2	
3/4	1,519.72	3/4	1,242.96	3/4	966.19	3/4	691.46	3/4	415.21	3/4	138.46	3/4		3/4		3/4		3/4	
3	1,513.96	3	1,237.19	3	960.42	3	685.75	3	409.44	3	132.69	3		3		3		3	
1/4	1,508.19	1/4	1,231.42	1/4	954.66	1/4	680.04	1/4	403.68	1/4	126.93	1/4		1/4		1/4		1/4	
1/2	1,502.43	1/2	1,225.66	1/2	948.89	1/2	674.33	1/2	397.91	1/2	121.17	1/2		1/2		1/2		1/2	
3/4	1,496.66	3/4	1,219.89	3/4	943.12	3/4	668.62	3/4	392.15	3/4	115.41	3/4		3/4		3/4		3/4	
4	1,490.89	4	1,214.13	4	937.36	4	662.90	4	386.38	4	109.65	4		4		4		4	
1/4	1,485.13	1/4	1,208.36	1/4	931.59	1/4	657.18	1/4	380.61	1/4	103.90	1/4		1/4		1/4		1/4	
1/2	1,479.36	1/2	1,202.59	1/2	925.83	1/2	651.47	1/2	374.85	1/2	98.14	1/2		1/2		1/2		1/2	
3/4	1,473.60	3/4	1,196.83	3/4	920.06	3/4	645.75	3/4	369.08	3/4	92.39	3/4		3/4		3/4		3/4	
5	1,467.83	5	1,191.06	5	914.32	5	640.01	5	363.32	5	86.65	5		5		5		5	
1/4	1,462.06	1/4	1,185.30	1/4	908.57	1/4	634.26	1/4	357.55	1/4	80.92	1/4		1/4		1/4		1/4	
1/2	1,456.30	1/2	1,179.53	1/2	902.83	1/2	628.52	1/2	351.79	1/2	75.18	1/2		1/2		1/2		1/2	
3/4	1,450.53	3/4	1,173.76	3/4	897.08	3/4	622.77	3/4	346.02	3/4	69.45	3/4		3/4		3/4		3/4	
6	1,444.77	6	1,168.00	6	891.36	6	617.01	6	340.25	6	63.99	6		6		6		6	
1/4	1,439.00	1/4	1,162.23	1/4	885.65	1/4	611.24	1/4	334.49	1/4	58.53	1/4		1/4		1/4		1/4	
1/2	1,433.23	1/2	1,156.47	1/2	879.93	1/2	605.48	1/2	328.72	1/2	53.08	1/2		1/2		1/2		1/2	
3/4	1,427.47	3/4	1,150.70	3/4	874.21	3/4	599.71	3/4	322.96	3/4	47.62	3/4		3/4		3/4		3/4	
7	1,421.70	7	1,144.93	7	868.50	7	593.95	7	317.19	7	43.01	7		7		7		7	
1/4	1,415.94	1/4	1,139.17	1/4	862.79	1/4	588.18	1/4	311.43	1/4	38.40	1/4		1/4		1/4		1/4	
1/2	1,410.17	1/2	1,133.40	1/2	857.08	1/2	582.41	1/2	305.66	1/2	33.79	1/2		1/2		1/2		1/2	
3/4	1,404.40	3/4	1,127.64	3/4	851.37	3/4	576.65	3/4	299.89	3/4	29.18	3/4		3/4		3/4		3/4	
8	1,398.64	8	1,121.87	8	845.66	8	570.88	8	294.13	8	25.72	8		8		8		8	
1/4	1,392.87	1/4	1,116.10	1/4	839.94	1/4	565.12	1/4	288.36	1/4	22.26	1/4		1/4		1/4		1/4	
1/2	1,387.11	1/2	1,110.34	1/2	834.23	1/2	559.35	1/2	282.60	1/2	18.80	1/2		1/2		1/2		1/2	
3/4	1,381.34	3/4	1,104.57	3/4	828.52	3/4	553.59	3/4	276.83	3/4	15.34	3/4		3/4		3/4		3/4	
9	1,375.57	9	1,098.81	9	822.81	9	547.82	9	271.07	9		9		9		9		9	
1/4	1,369.81	1/4	1,093.04	1/4	817.10	1/4	542.05	1/4	265.30	1/4		1/4		1/4		1/4		1/4	
1/2	1,364.04	1/2	1,087.27	1/2	811.39	1/2	536.29	1/2	259.53	1/2		1/2		1/2		1/2		1/2	
3/4	1,358.28	3/4	1,081.51	3/4	805.68	3/4	530.52	3/4	253.77	3/4		3/4		3/4		3/4		3/4	
10	1,352.51	10	1,075.74	10	799.97	10	524.76	10	248.00	10		10		10		10		10	
1/4	1,346.74	1/4	1,069.98	1/4	794.26	1/4	518.99	1/4	242.24	1/4		1/4		1/4		1/4		1/4	
1/2	1,340.98	1/2	1,064.21	1/2	788.55	1/2	513.23	1/2	236.47	1/2		1/2		1/2		1/2		1/2	
3/4	1,335.21	3/4	1,058.44	3/4	782.84	3/4	507.46	3/4	230.71	3/4		3/4		3/4		3/4		3/4	
11	1,329.45	11	1,052.68	11	777.12	11	501.69	11	224.94	11		11		11		11		11	
1/4	1,323.68	1/4	1,046.91	1/4	771.41	1/4	495.93	1/4	219.18	1/4		1/4		1/4		1/4		1/4	
1/2	1,317.91	1/2	1,041.15	1/2	765.70	1/2	490.16	1/2	213.41	1/2		1/2		1/2		1/2		1/2	
3/4	1,312.15	3/4	1,035.38	3/4	759.99	3/4	484.40	3/4	207.64	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/29/2018 SW  
CALCULATED: 11/30/2018 CL  
PRINTED: 11/30/2018 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2018

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