



# BARGE "PTC 2002"

## ULLAGE TRIM TABLE (HERMETIC)

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
1 STBD	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
2 PORT	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4
2 STBD	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4
3 PORT	00-5/8	- 00-5/8	01-1/8	- 01-1/8	01-3/4	- 01-3/4	02-1/4	- 02-1/4	02-7/8	- 02-7/8	03-1/2	- 03-1/2
3 STBD	00-5/8	- 00-5/8	01-1/8	- 01-1/8	01-3/4	- 01-3/4	02-1/4	- 02-1/4	02-7/8	- 02-7/8	03-3/8	- 03-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS 00-1/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 253'-09"

September 16, 2020

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "PTC 2002"

## 1 PORT ULLAGE TABLE

### HERMETIC GAUGE HEIGHT 15'-08 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	4,920.84	0	4,584.04	0	4,228.04	0	3,865.25	0	3,502.47	0	3,139.68	0	2,776.90	0	2,414.04		
1/4	1/4	5,248.85	1/4	4,914.04	1/4	4,576.82	1/4	4,220.48	1/4	3,857.69	1/4	3,494.91	1/4	3,132.13	1/4	2,769.34	1/4	2,406.48	
1/2	1/2	5,243.88	1/2	4,907.20	1/2	4,569.57	1/2	4,212.92	1/2	3,850.14	1/2	3,487.35	1/2	3,124.57	1/2	2,761.78	1/2	2,398.92	
3/4	3/4	5,238.91	3/4	4,900.36	3/4	4,562.32	3/4	4,205.36	3/4	3,842.58	3/4	3,479.79	3/4	3,117.01	3/4	2,754.23	3/4	2,391.36	
1	1	5,233.94	1	4,893.53	1	4,555.07	1	4,197.80	1	3,835.02	1	3,472.24	1	3,109.45	1	2,746.67	1	2,383.79	
1/4	1/4	5,228.98	1/4	4,886.69	1/4	4,547.82	1/4	4,190.25	1/4	3,827.46	1/4	3,464.68	1/4	3,101.89	1/4	2,739.11	1/4	2,376.23	
1/2	1/2	5,222.78	1/2	4,879.82	1/2	4,540.53	1/2	4,182.69	1/2	3,819.90	1/2	3,457.12	1/2	3,094.34	1/2	2,731.55	1/2	2,368.67	
3/4	3/4	5,216.58	3/4	4,872.96	3/4	4,533.25	3/4	4,175.13	3/4	3,812.35	3/4	3,449.56	3/4	3,086.78	3/4	2,723.99	3/4	2,361.11	
2	2	5,210.38	2	4,866.09	2	4,525.96	2	4,167.57	2	3,804.79	2	3,442.00	2	3,079.22	2	2,716.44	2	2,353.55	
1/4	1/4	5,204.18	1/4	4,859.22	1/4	4,518.68	1/4	4,160.01	1/4	3,797.23	1/4	3,434.45	1/4	3,071.66	1/4	2,708.88	1/4	2,345.99	
1/2	1/2	5,196.72	1/2	4,852.32	1/2	4,511.36	1/2	4,152.46	1/2	3,789.67	1/2	3,426.89	1/2	3,064.10	1/2	2,701.32	1/2	2,338.43	
3/4	3/4	5,189.26	3/4	4,845.42	3/4	4,504.05	3/4	4,144.90	3/4	3,782.11	3/4	3,419.33	3/4	3,056.55	3/4	2,693.76	3/4	2,330.87	
3	3	5,181.80	3	4,838.52	3	4,496.73	3	4,137.34	3	3,774.56	3	3,411.77	3	3,048.99	3	2,686.20	3	2,323.31	
1/4	1/4	5,174.34	1/4	4,831.62	1/4	4,489.42	1/4	4,129.78	1/4	3,767.00	1/4	3,404.21	1/4	3,041.43	1/4	2,678.65	1/4	2,315.75	
1/2	1/2	5,166.88	1/2	4,824.69	1/2	4,482.07	1/2	4,122.22	1/2	3,759.44	1/2	3,396.66	1/2	3,033.87	1/2	2,671.09	1/2	2,308.19	
3/4	3/4	5,159.42	3/4	4,817.75	3/4	4,474.72	3/4	4,114.67	3/4	3,751.88	3/4	3,389.10	3/4	3,026.31	3/4	2,663.53	3/4	2,300.62	
4	4	5,151.96	4	4,810.82	4	4,467.37	4	4,107.11	4	3,744.32	4	3,381.54	4	3,018.76	4	2,655.97	4	2,293.06	
1/4	1/4	5,144.50	1/4	4,803.89	1/4	4,460.02	1/4	4,099.55	1/4	3,736.77	1/4	3,373.98	1/4	3,011.20	1/4	2,648.41	1/4	2,285.50	
1/2	1/2	5,137.04	1/2	4,796.92	1/2	4,452.64	1/2	4,091.99	1/2	3,729.21	1/2	3,366.42	1/2	3,003.64	1/2	2,640.86	1/2	2,277.94	
3/4	3/4	5,129.58	3/4	4,789.96	3/4	4,445.26	3/4	4,084.43	3/4	3,721.65	3/4	3,358.87	3/4	2,996.08	3/4	2,633.30	3/4	2,270.38	
5	5	5,122.13	5	4,782.99	5	4,437.88	5	4,076.88	5	3,714.09	5	3,351.31	5	2,988.52	5	2,625.74	5	2,262.82	
1/4	1/4	5,114.67	1/4	4,776.03	1/4	4,430.50	1/4	4,069.32	1/4	3,706.53	1/4	3,343.75	1/4	2,980.97	1/4	2,618.18	1/4	2,255.26	
1/2	1/2	5,107.21	1/2	4,769.03	1/2	4,423.09	1/2	4,061.76	1/2	3,698.98	1/2	3,336.19	1/2	2,973.41	1/2	2,610.62	1/2	2,247.70	
3/4	3/4	5,099.75	3/4	4,762.04	3/4	4,415.67	3/4	4,054.20	3/4	3,691.42	3/4	3,328.63	3/4	2,965.85	3/4	2,603.06	3/4	2,240.14	
6	6	5,092.29	6	4,755.04	6	4,408.26	6	4,046.64	6	3,683.86	6	3,321.08	6	2,958.29	6	2,595.50	6	2,232.58	
1/4	1/4	5,084.83	1/4	4,748.04	1/4	4,400.85	1/4	4,039.09	1/4	3,676.30	1/4	3,313.52	1/4	2,950.73	1/4	2,587.94	1/4	2,225.02	
1/2	1/2	5,077.37	1/2	4,741.01	1/2	4,393.40	1/2	4,031.53	1/2	3,668.74	1/2	3,305.96	1/2	2,943.18	1/2	2,580.38	1/2	2,217.45	
3/4	3/4	5,069.91	3/4	4,733.98	3/4	4,385.96	3/4	4,023.97	3/4	3,661.19	3/4	3,298.40	3/4	2,935.62	3/4	2,572.82	3/4	2,209.89	
7	7	5,062.45	7	4,726.95	7	4,378.51	7	4,016.41	7	3,653.63	7	3,290.84	7	2,928.06	7	2,565.26	7	2,202.33	
1/4	1/4	5,054.99	1/4	4,719.93	1/4	4,371.07	1/4	4,008.85	1/4	3,646.07	1/4	3,283.29	1/4	2,920.50	1/4	2,557.69	1/4	2,194.77	
1/2	1/2	5,047.53	1/2	4,712.83	1/2	4,363.59	1/2	4,001.30	1/2	3,638.51	1/2	3,275.73	1/2	2,912.94	1/2	2,550.13	1/2	2,187.21	
3/4	3/4	5,040.07	3/4	4,705.74	3/4	4,356.11	3/4	3,993.74	3/4	3,630.95	3/4	3,268.17	3/4	2,905.39	3/4	2,542.57	3/4	2,179.65	
8	8	5,032.61	8	4,698.65	8	4,348.63	8	3,986.18	8	3,623.40	8	3,260.61	8	2,897.83	8	2,535.01	8	2,172.09	
1/4	1/4	5,025.15	1/4	4,691.56	1/4	4,341.16	1/4	3,978.62	1/4	3,615.84	1/4	3,253.05	1/4	2,890.27	1/4	2,527.45	1/4	2,164.53	
1/2	1/2	5,017.69	1/2	4,684.44	1/2	4,333.65	1/2	3,971.06	1/2	3,608.28	1/2	3,245.50	1/2	2,882.71	1/2	2,519.89	1/2	2,156.97	
3/4	3/4	5,010.23	3/4	4,677.32	3/4	4,326.14	3/4	3,963.51	3/4	3,600.72	3/4	3,237.94	3/4	2,875.15	3/4	2,512.33	3/4	2,149.41	
9	9	5,002.77	9	4,670.19	9	4,318.63	9	3,955.95	9	3,593.16	9	3,230.38	9	2,867.60	9	2,504.77	9	2,141.85	
1/4	1/4	4,995.31	1/4	4,663.07	1/4	4,311.12	1/4	3,948.39	1/4	3,585.61	1/4	3,222.82	1/4	2,860.04	1/4	2,497.21	1/4	2,134.28	
1/2	1/2	4,988.57	1/2	4,655.92	1/2	4,303.57	1/2	3,940.83	1/2	3,578.05	1/2	3,215.26	1/2	2,852.48	1/2	2,489.65	1/2	2,126.72	
3/4	3/4	4,981.83	3/4	4,648.76	3/4	4,296.03	3/4	3,933.27	3/4	3,570.49	3/4	3,207.71	3/4	2,844.92	3/4	2,482.09	3/4	2,119.16	
10	10	4,975.09	10	4,641.61	10	4,288.49	10	3,925.72	10	3,562.93	10	3,200.15	10	2,837.36	10	2,474.52	10	2,111.60	
1/4	1/4	4,968.34	1/4	4,634.45	1/4	4,280.94	1/4	3,918.16	1/4	3,555.37	1/4	3,192.59	1/4	2,829.81	1/4	2,466.96	1/4	2,104.04	
1/2	1/2	4,961.57	1/2	4,627.26	1/2	4,273.38	1/2	3,910.60	1/2	3,547.82	1/2	3,185.03	1/2	2,822.25	1/2	2,459.40	1/2	2,096.48	
3/4	3/4	4,954.80	3/4	4,620.08	3/4	4,265.83	3/4	3,903.04	3/4	3,540.26	3/4	3,177.47	3/4	2,814.69	3/4	2,451.84	3/4	2,088.92	
11	11	4,948.02	11	4,612.89	11	4,258.27	11	3,895.48	11	3,532.70	11	3,169.92	11	2,807.13	11	2,444.28	11	2,081.36	
1/4	1/4	4,941.25	1/4	4,605.70	1/4	4,250.71	1/4	3,887.93	1/4	3,525.14	1/4	3,162.36	1/4	2,799.57	1/4	2,436.72	1/4	2,073.80	
1/2	1/2	4,934.45	1/2	4,598.48	1/2	4,243.15	1/2	3,880.37	1/2	3,517.58	1/2	3,154.80	1/2	2,792.02	1/2	2,429.16	1/2	2,066.24	
3/4	3/4	4,927.64	3/4	4,591.26	3/4	4,235.59	3/4	3,872.81	3/4	3,510.03	3/4	3,147.24	3/4	2,784.46	3/4	2,421.60	3/4	2,058.68	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
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# BARGE "PTC 2002"

## 1 PORT

### ULLAGE TABLE HERMETIC

#### GAUGE HEIGHT 15'-08 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,051.11	0	1,688.19	0	1,325.27	0	962.78	0	605.76	0	243.68	0		0		0		0	
1/4	2,043.55	1/4	1,680.63	1/4	1,317.71	1/4	955.23	1/4	599.04	1/4	236.12	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,035.99	1/2	1,673.07	1/2	1,310.15	1/2	947.68	1/2	591.48	1/2	228.56	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,028.43	3/4	1,665.51	3/4	1,302.59	3/4	940.13	3/4	583.92	3/4	221.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,020.87	1	1,657.95	1	1,295.02	1	932.59	1	576.35	1	213.44	1	1	1	1	1	1	1	1
1/4	2,013.31	1/4	1,650.39	1/4	1,287.46	1/4	925.04	1/4	568.79	1/4	205.88	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,005.75	1/2	1,642.83	1/2	1,279.90	1/2	917.48	1/2	561.23	1/2	198.31	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,998.19	3/4	1,635.27	3/4	1,272.34	3/4	909.92	3/4	553.67	3/4	190.75	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,990.63	2	1,627.70	2	1,264.78	2	902.35	2	546.11	2	183.19	2	2	2	2	2	2	2	2
1/4	1,983.07	1/4	1,620.14	1/4	1,257.22	1/4	894.79	1/4	538.55	1/4	175.63	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,975.51	1/2	1,612.58	1/2	1,249.66	1/2	887.23	1/2	530.99	1/2	168.07	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,967.94	3/4	1,605.02	3/4	1,242.10	3/4	879.67	3/4	523.43	3/4	160.51	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,960.38	3	1,597.46	3	1,234.54	3	872.11	3	515.87	3	152.95	3	3	3	3	3	3	3	3
1/4	1,952.82	1/4	1,589.90	1/4	1,226.98	1/4	864.55	1/4	508.31	1/4	145.39	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,945.26	1/2	1,582.34	1/2	1,219.43	1/2	856.99	1/2	500.75	1/2	137.84	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,937.70	3/4	1,574.78	3/4	1,211.88	3/4	849.43	3/4	493.19	3/4	130.29	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,930.14	4	1,567.22	4	1,204.33	4	841.87	4	485.63	4	122.74	4	4	4	4	4	4	4	4
1/4	1,922.58	1/4	1,559.66	1/4	1,196.78	1/4	834.31	1/4	478.06	1/4	115.19	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,915.02	1/2	1,552.10	1/2	1,189.23	1/2	826.75	1/2	470.50	1/2	107.66	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,907.46	3/4	1,544.53	3/4	1,181.69	3/4	819.19	3/4	462.94	3/4	100.13	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,899.90	5	1,536.97	5	1,174.14	5	811.63	5	455.38	5	92.61	5	5	5	5	5	5	5	5
1/4	1,892.34	1/4	1,529.41	1/4	1,166.59	1/4	804.07	1/4	447.82	1/4	85.08	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,884.77	1/2	1,521.85	1/2	1,159.04	1/2	796.51	1/2	440.26	1/2	78.15	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,877.21	3/4	1,514.29	3/4	1,151.49	3/4	788.95	3/4	432.70	3/4	71.22	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,869.65	6	1,506.73	6	1,143.94	6	781.39	6	425.14	6	64.29	6	6	6	6	6	6	6	6
1/4	1,862.09	1/4	1,499.17	1/4	1,136.39	1/4	773.82	1/4	417.58	1/4	57.36	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,854.53	1/2	1,491.61	1/2	1,128.85	1/2	766.26	1/2	410.02	1/2	50.53	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,846.97	3/4	1,484.05	3/4	1,121.30	3/4	758.70	3/4	402.46	3/4	43.69	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,839.41	7	1,476.49	7	1,113.75	7	751.14	7	394.90	7	42.85	7	7	7	7	7	7	7	7
1/4	1,831.85	1/4	1,468.93	1/4	1,106.20	1/4	743.58	1/4	387.33	1/4	38.01	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,824.29	1/2	1,461.36	1/2	1,098.65	1/2	736.02	1/2	379.77	1/2	34.44	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,816.73	3/4	1,453.80	3/4	1,091.10	3/4	728.46	3/4	372.21	3/4	30.86	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,809.17	8	1,446.24	8	1,083.56	8	720.90	8	364.65	8	27.28	8	8	8	8	8	8	8	8
1/4	1,801.60	1/4	1,438.68	1/4	1,076.01	1/4	713.34	1/4	357.09	1/4	23.71	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,794.04	1/2	1,431.12	1/2	1,068.46	1/2	705.78	1/2	349.53	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,786.48	3/4	1,423.56	3/4	1,060.91	3/4	698.22	3/4	341.97	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,778.92	9	1,416.00	9	1,053.36	9	690.66	9	334.41	9	9	9	9	9	9	9	9	9	9
1/4	1,771.36	1/4	1,408.44	1/4	1,045.81	1/4	683.10	1/4	326.85	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,763.80	1/2	1,400.88	1/2	1,038.26	1/2	675.54	1/2	319.29	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,756.24	3/4	1,393.32	3/4	1,030.72	3/4	667.98	3/4	311.73	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,748.68	10	1,385.76	10	1,023.17	10	660.42	10	304.17	10	10	10	10	10	10	10	10	10	10
1/4	1,741.12	1/4	1,378.19	1/4	1,015.62	1/4	652.85	1/4	296.61	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,733.56	1/2	1,370.63	1/2	1,008.07	1/2	646.13	1/2	289.04	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,726.00	3/4	1,363.07	3/4	1,000.52	3/4	639.40	3/4	281.48	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,718.44	11	1,355.51	11	992.97	11	632.67	11	273.92	11	11	11	11	11	11	11	11	11	11
1/4	1,710.87	1/4	1,347.95	1/4	985.42	1/4	625.95	1/4	266.36	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,703.31	1/2	1,340.39	1/2	977.88	1/2	619.22	1/2	258.80	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,695.75	3/4	1,332.83	3/4	970.33	3/4	612.49	3/4	251.24	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: 09/15/2020 JS  
CALCULATED: 09/16/2020 CL  
PRINTED: 09/16/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2020

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



# BARGE "PTC 2002"

## 1 STBD ULLAGE TABLE

### HERMETIC GAUGE HEIGHT 15'-08 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	0	0	4,923.00	0	4,586.79	0	4,231.33	0	3,868.75	0	3,506.16	0	3,143.58	0	2,781.00	0	2,418.34
1/4	1/4	1/4	1/4	1/4	4,916.20	1/4	4,579.58	1/4	4,223.77	1/4	3,861.19	1/4	3,498.61	1/4	3,136.03	1/4	2,773.44	1/4	2,410.79
1/2	1/2	1/2	1/2	1/2	5,244.04	1/2	4,909.40	1/2	4,572.36	1/2	4,216.22	1/2	3,853.64	1/2	3,491.06	1/2	3,128.47	1/2	2,765.89
3/4	3/4	3/4	3/4	3/4	5,239.08	3/4	4,902.57	3/4	4,565.11	3/4	4,208.67	3/4	3,846.08	3/4	3,483.50	3/4	3,120.92	3/4	2,758.34
1	1	1	1	1	5,234.11	1	4,895.73	1	4,557.86	1	4,201.11	1	3,838.53	1	3,475.95	1	3,113.37	1	2,750.78
1/4	1/4	1/4	1/4	1/4	5,229.15	1/4	4,888.90	1/4	4,550.62	1/4	4,193.56	1/4	3,830.98	1/4	3,468.39	1/4	3,105.81	1/4	2,743.23
1/2	1/2	1/2	1/2	1/2	5,224.18	1/2	4,882.07	1/2	4,543.37	1/2	4,186.00	1/2	3,823.42	1/2	3,460.84	1/2	3,098.26	1/2	2,735.68
3/4	3/4	3/4	3/4	3/4	5,217.98	3/4	4,875.20	3/4	4,536.09	3/4	4,178.45	3/4	3,815.87	3/4	3,453.29	3/4	3,090.70	3/4	2,728.12
2	2	2	2	2	5,211.79	2	4,868.34	2	4,528.81	2	4,170.90	2	3,808.31	2	3,445.73	2	3,083.15	2	2,720.57
1/4	1/4	1/4	1/4	1/4	5,205.59	1/4	4,861.47	1/4	4,521.53	1/4	4,163.34	1/4	3,800.76	1/4	3,438.18	1/4	3,075.60	1/4	2,713.01
1/2	1/2	1/2	1/2	1/2	5,199.39	1/2	4,854.61	1/2	4,514.25	1/2	4,155.79	1/2	3,793.21	1/2	3,430.62	1/2	3,068.04	1/2	2,705.46
3/4	3/4	3/4	3/4	3/4	5,191.94	3/4	4,847.71	3/4	4,506.93	3/4	4,148.24	3/4	3,785.65	3/4	3,423.07	3/4	3,060.49	3/4	2,697.91
3	3	3	3	3	5,184.48	3	4,840.82	3	4,499.62	3	4,140.68	3	3,778.10	3	3,415.52	3	3,052.93	3	2,690.35
1/4	1/4	1/4	1/4	1/4	5,177.02	1/4	4,833.92	1/4	4,492.31	1/4	4,133.13	1/4	3,770.55	1/4	3,407.96	1/4	3,045.38	1/4	2,682.80
1/2	1/2	1/2	1/2	1/2	5,169.57	1/2	4,827.02	1/2	4,485.00	1/2	4,125.57	1/2	3,762.99	1/2	3,400.41	1/2	3,037.83	1/2	2,675.24
3/4	3/4	3/4	3/4	3/4	5,162.11	3/4	4,820.09	3/4	4,477.65	3/4	4,118.02	3/4	3,755.44	3/4	3,392.86	3/4	3,030.27	3/4	2,667.69
4	4	4	4	4	5,154.66	4	4,813.16	4	4,470.31	4	4,110.47	4	3,747.88	4	3,385.30	4	3,022.72	4	2,660.14
1/4	1/4	1/4	1/4	1/4	5,147.20	1/4	4,806.24	1/4	4,462.96	1/4	4,102.91	1/4	3,740.33	1/4	3,377.75	1/4	3,015.17	1/4	2,652.58
1/2	1/2	1/2	1/2	1/2	5,139.75	1/2	4,799.31	1/2	4,455.62	1/2	4,095.36	1/2	3,732.78	1/2	3,370.19	1/2	3,007.61	1/2	2,645.03
3/4	3/4	3/4	3/4	3/4	5,132.29	3/4	4,792.35	3/4	4,448.24	3/4	4,087.81	3/4	3,725.22	3/4	3,362.64	3/4	3,000.06	3/4	2,637.48
5	5	5	5	5	5,124.84	5	4,785.38	5	4,440.87	5	4,080.25	5	3,717.67	5	3,355.09	5	2,992.50	5	2,629.92
1/4	1/4	1/4	1/4	1/4	5,117.38	1/4	4,778.42	1/4	4,433.49	1/4	4,072.70	1/4	3,710.12	1/4	3,347.53	1/4	2,984.95	1/4	2,622.37
1/2	1/2	1/2	1/2	1/2	5,109.92	1/2	4,771.46	1/2	4,426.11	1/2	4,065.14	1/2	3,702.56	1/2	3,339.98	1/2	2,977.40	1/2	2,614.81
3/4	3/4	3/4	3/4	3/4	5,102.47	3/4	4,764.47	3/4	4,418.70	3/4	4,057.59	3/4	3,695.01	3/4	3,332.43	3/4	2,969.84	3/4	2,607.26
6	6	6	6	6	5,095.01	6	4,757.47	6	4,411.30	6	4,050.04	6	3,687.45	6	3,324.87	6	2,962.29	6	2,599.70
1/4	1/4	1/4	1/4	1/4	5,087.56	1/4	4,750.48	1/4	4,403.89	1/4	4,042.48	1/4	3,679.90	1/4	3,317.32	1/4	2,954.74	1/4	2,592.14
1/2	1/2	1/2	1/2	1/2	5,080.10	1/2	4,743.49	1/2	4,396.48	1/2	4,034.93	1/2	3,672.35	1/2	3,309.76	1/2	2,947.18	1/2	2,584.59
3/4	3/4	3/4	3/4	3/4	5,072.65	3/4	4,736.46	3/4	4,389.04	3/4	4,027.38	3/4	3,664.79	3/4	3,302.21	3/4	2,939.63	3/4	2,577.03
7	7	7	7	7	5,065.19	7	4,729.44	7	4,381.60	7	4,019.82	7	3,657.24	7	3,294.66	7	2,932.07	7	2,569.47
1/4	1/4	1/4	1/4	1/4	5,057.73	1/4	4,722.41	1/4	4,374.15	1/4	4,012.27	1/4	3,649.68	1/4	3,287.10	1/4	2,924.52	1/4	2,561.92
1/2	1/2	1/2	1/2	1/2	5,050.28	1/2	4,715.39	1/2	4,366.71	1/2	4,004.71	1/2	3,642.13	1/2	3,279.55	1/2	2,916.97	1/2	2,554.36
3/4	3/4	3/4	3/4	3/4	5,042.82	3/4	4,708.30	3/4	4,359.24	3/4	3,997.16	3/4	3,634.58	3/4	3,271.99	3/4	2,909.41	3/4	2,546.80
8	8	8	8	8	5,035.37	8	4,701.21	8	4,351.77	8	3,989.61	8	3,627.02	8	3,264.44	8	2,901.86	8	2,539.25
1/4	1/4	1/4	1/4	1/4	5,027.91	1/4	4,694.12	1/4	4,344.29	1/4	3,982.05	1/4	3,619.47	1/4	3,256.89	1/4	2,894.30	1/4	2,531.69
1/2	1/2	1/2	1/2	1/2	5,020.46	1/2	4,687.04	1/2	4,336.82	1/2	3,974.50	1/2	3,611.92	1/2	3,249.33	1/2	2,886.75	1/2	2,524.14
3/4	3/4	3/4	3/4	3/4	5,013.00	3/4	4,679.92	3/4	4,329.31	3/4	3,966.94	3/4	3,604.36	3/4	3,241.78	3/4	2,879.20	3/4	2,516.58
9	9	9	9	9	5,005.55	9	4,672.80	9	4,321.81	9	3,959.39	9	3,596.81	9	3,234.23	9	2,871.64	9	2,509.02
1/4	1/4	1/4	1/4	1/4	4,998.09	1/4	4,665.68	1/4	4,314.30	1/4	3,951.84	1/4	3,589.25	1/4	3,226.67	1/4	2,864.09	1/4	2,501.47
1/2	1/2	1/2	1/2	1/2	4,990.63	1/2	4,658.56	1/2	4,306.80	1/2	3,944.28	1/2	3,581.70	1/2	3,219.12	1/2	2,856.54	1/2	2,493.91
3/4	3/4	3/4	3/4	3/4	4,983.90	3/4	4,651.41	3/4	4,299.26	3/4	3,936.73	3/4	3,574.15	3/4	3,211.56	3/4	2,848.98	3/4	2,486.35
10	10	10	10	10	4,977.16	10	4,644.26	10	4,291.72	10	3,929.18	10	3,566.59	10	3,204.01	10	2,841.43	10	2,478.80
1/4	1/4	1/4	1/4	1/4	4,970.42	1/4	4,637.11	1/4	4,284.19	1/4	3,921.62	1/4	3,559.04	1/4	3,196.46	1/4	2,833.87	1/4	2,471.24
1/2	1/2	1/2	1/2	1/2	4,963.68	1/2	4,629.96	1/2	4,276.65	1/2	3,914.07	1/2	3,551.49	1/2	3,188.90	1/2	2,826.32	1/2	2,463.68
3/4	3/4	3/4	3/4	3/4	4,956.91	3/4	4,622.77	3/4	4,269.10	3/4	3,906.51	3/4	3,543.93	3/4	3,181.35	3/4	2,818.77	3/4	2,456.13
11	11	11	11	11	4,950.14	11	4,615.59	11	4,261.54	11	3,898.96	11	3,536.38	11	3,173.80	11	2,811.21	11	2,448.57
1/4	1/4	1/4	1/4	1/4	4,943.37	1/4	4,608.41	1/4	4,253.99	1/4	3,891.41	1/4	3,528.82	1/4	3,166.24	1/4	2,803.66	1/4	2,441.01
1/2	1/2	1/2	1/2	1/2	4,936.60	1/2	4,601.22	1/2	4,246.44	1/2	3,883.85	1/2	3,521.27	1/2	3,158.69	1/2	2,796.11	1/2	2,433.46
3/4	3/4	3/4	3/4	3/4	4,929.80	3/4	4,594.01	3/4	4,238.88	3/4	3,876.30	3/4	3,513.72	3/4	3,151.13	3/4	2,788.55	3/4	2,425.90

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD

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



# BARGE "PTC 2002"

## 1 STBD

### ULLAGE TABLE HERMETIC

#### GAUGE HEIGHT 15'-08 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,055.63	0	1,692.91	0	1,330.19	0	969.39	0	612.15	0	251.10	0		0		0		0	
1/4	2,048.07	1/4	1,685.35	1/4	1,322.64	1/4	961.89	1/4	605.43	1/4	243.55	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,040.51	1/2	1,677.80	1/2	1,315.08	1/2	954.38	1/2	598.70	1/2	235.99	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,032.96	3/4	1,670.24	3/4	1,307.52	3/4	946.88	3/4	591.15	3/4	228.43	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,025.40	1	1,662.68	1	1,299.97	1	939.37	1	583.59	1	220.88	1	1	1	1	1	1	1	1
1/4	2,017.84	1/4	1,655.13	1/4	1,292.41	1/4	931.87	1/4	576.03	1/4	213.32	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,010.29	1/2	1,647.57	1/2	1,284.85	1/2	924.36	1/2	568.48	1/2	205.76	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,002.73	3/4	1,640.01	3/4	1,277.30	3/4	916.85	3/4	560.92	3/4	198.21	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,995.17	2	1,632.46	2	1,269.74	2	909.33	2	553.36	2	190.65	2	2	2	2	2	2	2	2
1/4	1,987.62	1/4	1,624.90	1/4	1,262.18	1/4	901.81	1/4	545.81	1/4	183.09	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,980.06	1/2	1,617.34	1/2	1,254.63	1/2	894.30	1/2	538.25	1/2	175.54	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,972.50	3/4	1,609.79	3/4	1,247.11	3/4	886.74	3/4	530.69	3/4	167.98	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,964.95	3	1,602.23	3	1,239.59	3	879.18	3	523.14	3	160.43	3	3	3	3	3	3	3	3
1/4	1,957.39	1/4	1,594.67	1/4	1,232.07	1/4	871.63	1/4	515.58	1/4	152.87	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,949.83	1/2	1,587.12	1/2	1,224.56	1/2	864.07	1/2	508.02	1/2	145.31	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,942.28	3/4	1,579.56	3/4	1,217.05	3/4	856.52	3/4	500.47	3/4	137.77	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,934.72	4	1,572.00	4	1,209.55	4	848.96	4	492.91	4	130.22	4	4	4	4	4	4	4	4
1/4	1,927.16	1/4	1,564.45	1/4	1,202.04	1/4	841.40	1/4	485.35	1/4	122.67	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,919.61	1/2	1,556.89	1/2	1,194.54	1/2	833.85	1/2	477.80	1/2	115.12	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,912.05	3/4	1,549.33	3/4	1,187.03	3/4	826.29	3/4	470.24	3/4	107.60	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,904.49	5	1,541.78	5	1,179.53	5	818.73	5	462.68	5	100.08	5	5	5	5	5	5	5	5
1/4	1,896.94	1/4	1,534.22	1/4	1,172.02	1/4	811.18	1/4	455.13	1/4	92.56	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,889.38	1/2	1,526.66	1/2	1,164.52	1/2	803.62	1/2	447.57	1/2	85.04	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,881.82	3/4	1,519.11	3/4	1,157.01	3/4	796.07	3/4	440.02	3/4	78.11	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,874.27	6	1,511.55	6	1,149.51	6	788.51	6	432.46	6	71.19	6	6	6	6	6	6	6	6
1/4	1,866.71	1/4	1,503.99	1/4	1,142.00	1/4	780.95	1/4	424.90	1/4	64.26	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,859.15	1/2	1,496.44	1/2	1,134.50	1/2	773.40	1/2	417.35	1/2	57.34	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,851.60	3/4	1,488.88	3/4	1,126.99	3/4	765.84	3/4	409.79	3/4	50.50	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,844.04	7	1,481.32	7	1,119.49	7	758.28	7	402.23	7	47.67	7	7	7	7	7	7	7	7
1/4	1,836.48	1/4	1,473.77	1/4	1,111.98	1/4	750.73	1/4	394.68	1/4	42.83	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,828.93	1/2	1,466.21	1/2	1,104.48	1/2	743.17	1/2	387.12	1/2	37.99	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,821.37	3/4	1,458.65	3/4	1,096.97	3/4	735.61	3/4	379.56	3/4	34.42	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,813.81	8	1,451.10	8	1,089.47	8	728.06	8	372.01	8	30.84	8	8	8	8	8	8	8	8
1/4	1,806.26	1/4	1,443.54	1/4	1,081.96	1/4	720.50	1/4	364.45	1/4	27.27	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,798.70	1/2	1,435.98	1/2	1,074.46	1/2	712.95	1/2	356.89	1/2	23.69	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,791.14	3/4	1,428.43	3/4	1,066.95	3/4	705.39	3/4	349.34	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,783.59	9	1,420.87	9	1,059.45	9	697.83	9	341.78	9		9	9	9	9	9	9	9	9
1/4	1,776.03	1/4	1,413.31	1/4	1,051.94	1/4	690.28	1/4	334.22	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,768.48	1/2	1,405.76	1/2	1,044.44	1/2	682.72	1/2	326.67	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,760.92	3/4	1,398.20	3/4	1,036.94	3/4	675.16	3/4	319.11	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,753.36	10	1,390.65	10	1,029.43	10	667.61	10	311.55	10		10	10	10	10	10	10	10	10
1/4	1,745.81	1/4	1,383.09	1/4	1,021.93	1/4	660.05	1/4	304.00	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,738.25	1/2	1,375.53	1/2	1,014.42	1/2	652.50	1/2	296.44	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,730.69	3/4	1,367.98	3/4	1,006.92	3/4	645.77	3/4	288.89	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,723.14	11	1,360.42	11	999.41	11	639.05	11	281.33	11		11	11	11	11	11	11	11	11
1/4	1,715.58	1/4	1,352.86	1/4	991.91	1/4	632.32	1/4	273.77	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,708.02	1/2	1,345.31	1/2	984.40	1/2	625.60	1/2	266.22	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,700.47	3/4	1,337.75	3/4	976.90	3/4	618.87	3/4	258.66	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: 09/15/2020 JS  
CALCULATED: 09/16/2020 CL  
PRINTED: 09/16/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
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# BARGE "PTC 2002"

## 2 PORT ULLAGE TABLE

### HERMETIC GAUGE HEIGHT 15'-08 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	4,904.27	0	4,568.63	0	4,213.83	0	3,852.26	0	3,490.69	0	3,129.12	0	2,767.55	0	2,405.90		
1/4	1/4	5,231.17	1/4	4,897.49	1/4	4,561.43	1/4	4,206.29	1/4	3,844.72	1/4	3,483.15	1/4	3,121.58	1/4	2,760.01	1/4	2,398.37	
1/2	1/2	5,226.21	1/2	4,890.67	1/2	4,554.20	1/2	4,198.76	1/2	3,837.19	1/2	3,475.62	1/2	3,114.05	1/2	2,752.48	1/2	2,390.83	
3/4	3/4	5,221.26	3/4	4,883.86	3/4	4,546.98	3/4	4,191.23	3/4	3,829.66	3/4	3,468.09	3/4	3,106.52	3/4	2,744.95	3/4	2,383.30	
1	1	5,216.31	1	4,877.05	1	4,539.75	1	4,183.69	1	3,822.12	1	3,460.55	1	3,098.99	1	2,737.42	1	2,375.76	
1/4	1/4	5,211.36	1/4	4,870.24	1/4	4,532.52	1/4	4,176.16	1/4	3,814.59	1/4	3,453.02	1/4	3,091.45	1/4	2,729.88	1/4	2,368.23	
1/2	1/2	5,205.18	1/2	4,863.39	1/2	4,525.26	1/2	4,168.63	1/2	3,807.06	1/2	3,445.49	1/2	3,083.92	1/2	2,722.35	1/2	2,360.69	
3/4	3/4	5,199.00	3/4	4,856.55	3/4	4,518.00	3/4	4,161.10	3/4	3,799.53	3/4	3,437.96	3/4	3,076.39	3/4	2,714.82	3/4	2,353.16	
2	2	5,192.82	2	4,849.70	2	4,510.74	2	4,153.56	2	3,791.99	2	3,430.42	2	3,068.85	2	2,707.28	2	2,345.62	
1/4	1/4	5,186.64	1/4	4,842.86	1/4	4,503.49	1/4	4,146.03	1/4	3,784.46	1/4	3,422.89	1/4	3,061.32	1/4	2,699.75	1/4	2,338.09	
1/2	1/2	5,179.20	1/2	4,835.98	1/2	4,496.19	1/2	4,138.50	1/2	3,776.93	1/2	3,415.36	1/2	3,053.79	1/2	2,692.22	1/2	2,330.55	
3/4	3/4	5,171.77	3/4	4,829.11	3/4	4,488.90	3/4	4,130.97	3/4	3,769.40	3/4	3,407.83	3/4	3,046.26	3/4	2,684.69	3/4	2,323.01	
3	3	5,164.33	3	4,822.23	3	4,481.61	3	4,123.43	3	3,761.86	3	3,400.29	3	3,038.72	3	2,677.15	3	2,315.48	
1/4	1/4	5,156.90	1/4	4,815.35	1/4	4,474.32	1/4	4,115.90	1/4	3,754.33	1/4	3,392.76	1/4	3,031.19	1/4	2,669.62	1/4	2,307.94	
1/2	1/2	5,149.47	1/2	4,808.45	1/2	4,467.00	1/2	4,108.37	1/2	3,746.80	1/2	3,385.23	1/2	3,023.66	1/2	2,662.09	1/2	2,300.41	
3/4	3/4	5,142.03	3/4	4,801.54	3/4	4,459.67	3/4	4,100.83	3/4	3,739.26	3/4	3,377.70	3/4	3,016.13	3/4	2,654.56	3/4	2,292.87	
4	4	5,134.60	4	4,794.63	4	4,452.35	4	4,093.30	4	3,731.73	4	3,370.16	4	3,008.59	4	2,647.02	4	2,285.34	
1/4	1/4	5,127.16	1/4	4,787.72	1/4	4,445.02	1/4	4,085.77	1/4	3,724.20	1/4	3,362.63	1/4	3,001.06	1/4	2,639.49	1/4	2,277.80	
1/2	1/2	5,119.73	1/2	4,780.78	1/2	4,437.67	1/2	4,078.24	1/2	3,716.67	1/2	3,355.10	1/2	2,993.53	1/2	2,631.96	1/2	2,270.27	
3/4	3/4	5,112.29	3/4	4,773.84	3/4	4,430.31	3/4	4,070.70	3/4	3,709.13	3/4	3,347.56	3/4	2,985.99	3/4	2,624.43	3/4	2,262.73	
5	5	5,104.86	5	4,766.90	5	4,422.96	5	4,063.17	5	3,701.60	5	3,340.03	5	2,978.46	5	2,616.89	5	2,255.20	
1/4	1/4	5,097.43	1/4	4,759.96	1/4	4,415.60	1/4	4,055.64	1/4	3,694.07	1/4	3,332.50	1/4	2,970.93	1/4	2,609.36	1/4	2,247.66	
1/2	1/2	5,089.99	1/2	4,752.98	1/2	4,408.21	1/2	4,048.11	1/2	3,686.54	1/2	3,324.97	1/2	2,963.40	1/2	2,601.82	1/2	2,240.13	
3/4	3/4	5,082.56	3/4	4,746.01	3/4	4,400.83	3/4	4,040.57	3/4	3,679.00	3/4	3,317.43	3/4	2,955.86	3/4	2,594.29	3/4	2,232.59	
6	6	5,075.12	6	4,739.04	6	4,393.44	6	4,033.04	6	3,671.47	6	3,309.90	6	2,948.33	6	2,586.75	6	2,225.05	
1/4	1/4	5,067.69	1/4	4,732.07	1/4	4,386.05	1/4	4,025.51	1/4	3,663.94	1/4	3,302.37	1/4	2,940.80	1/4	2,579.22	1/4	2,217.52	
1/2	1/2	5,060.26	1/2	4,725.06	1/2	4,378.63	1/2	4,017.97	1/2	3,656.41	1/2	3,294.84	1/2	2,933.27	1/2	2,571.68	1/2	2,209.98	
3/4	3/4	5,052.82	3/4	4,718.05	3/4	4,371.21	3/4	4,010.44	3/4	3,648.87	3/4	3,287.30	3/4	2,925.73	3/4	2,564.15	3/4	2,202.45	
7	7	5,045.39	7	4,711.05	7	4,363.79	7	4,002.91	7	3,641.34	7	3,279.77	7	2,918.20	7	2,556.61	7	2,194.91	
1/4	1/4	5,037.95	1/4	4,704.04	1/4	4,356.37	1/4	3,995.38	1/4	3,633.81	1/4	3,272.24	1/4	2,910.67	1/4	2,549.08	1/4	2,187.38	
1/2	1/2	5,030.52	1/2	4,696.98	1/2	4,348.92	1/2	3,987.84	1/2	3,626.27	1/2	3,264.70	1/2	2,903.14	1/2	2,541.54	1/2	2,179.84	
3/4	3/4	5,023.08	3/4	4,689.91	3/4	4,341.46	3/4	3,980.31	3/4	3,618.74	3/4	3,257.17	3/4	2,895.60	3/4	2,534.01	3/4	2,172.31	
8	8	5,015.65	8	4,682.85	8	4,334.01	8	3,972.78	8	3,611.21	8	3,249.64	8	2,888.07	8	2,526.47	8	2,164.77	
1/4	1/4	5,008.22	1/4	4,675.78	1/4	4,326.56	1/4	3,965.25	1/4	3,603.68	1/4	3,242.11	1/4	2,880.54	1/4	2,518.94	1/4	2,157.24	
1/2	1/2	5,000.78	1/2	4,668.68	1/2	4,319.08	1/2	3,957.71	1/2	3,596.14	1/2	3,234.57	1/2	2,873.00	1/2	2,511.40	1/2	2,149.70	
3/4	3/4	4,993.35	3/4	4,661.58	3/4	4,311.59	3/4	3,950.18	3/4	3,588.61	3/4	3,227.04	3/4	2,865.47	3/4	2,503.86	3/4	2,142.17	
9	9	4,985.91	9	4,654.48	9	4,304.11	9	3,942.65	9	3,581.08	9	3,219.51	9	2,857.94	9	2,496.33	9	2,134.63	
1/4	1/4	4,978.48	1/4	4,647.39	1/4	4,296.62	1/4	3,935.12	1/4	3,573.55	1/4	3,211.98	1/4	2,850.41	1/4	2,488.79	1/4	2,127.09	
1/2	1/2	4,971.76	1/2	4,640.25	1/2	4,289.11	1/2	3,927.58	1/2	3,566.01	1/2	3,204.44	1/2	2,842.87	1/2	2,481.26	1/2	2,119.56	
3/4	3/4	4,965.04	3/4	4,633.12	3/4	4,281.59	3/4	3,920.05	3/4	3,558.48	3/4	3,196.91	3/4	2,835.34	3/4	2,473.72	3/4	2,112.02	
10	10	4,958.32	10	4,625.99	10	4,274.07	10	3,912.52	10	3,550.95	10	3,189.38	10	2,827.81	10	2,466.19	10	2,104.49	
1/4	1/4	4,951.61	1/4	4,618.86	1/4	4,266.55	1/4	3,904.98	1/4	3,543.41	1/4	3,181.85	1/4	2,820.28	1/4	2,458.65	1/4	2,096.95	
1/2	1/2	4,944.86	1/2	4,611.70	1/2	4,259.02	1/2	3,897.45	1/2	3,535.88	1/2	3,174.31	1/2	2,812.74	1/2	2,451.12	1/2	2,089.42	
3/4	3/4	4,938.11	3/4	4,604.54	3/4	4,251.49	3/4	3,889.92	3/4	3,528.35	3/4	3,166.78	3/4	2,805.21	3/4	2,443.58	3/4	2,081.88	
11	11	4,931.36	11	4,597.37	11	4,243.96	11	3,882.39	11	3,520.82	11	3,159.25	11	2,797.68	11	2,436.05	11	2,074.35	
1/4	1/4	4,924.61	1/4	4,590.21	1/4	4,236.42	1/4	3,874.85	1/4	3,513.28	1/4	3,151.71	1/4	2,790.14	1/4	2,428.51	1/4	2,066.81	
1/2	1/2	4,917.83	1/2	4,583.02	1/2	4,228.89	1/2	3,867.32	1/2	3,505.75	1/2	3,144.18	1/2	2,782.61	1/2	2,420.97	1/2	2,059.28	
3/4	3/4	4,911.05	3/4	4,575.82	3/4	4,221.36	3/4	3,859.79	3/4	3,498.22	3/4	3,136.65	3/4	2,775.08	3/4	2,413.44	3/4	2,051.74	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD

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



# BARGE "PTC 2002"

## 2 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 15'-08 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,036.67	1/4	1,674.97	1/4	1,313.27	1/4	952.01	1/4	597.02	1/4	235.32	1/4		1/4		1/4		1/4	
1/2	2,029.13	1/2	1,667.43	1/2	1,305.74	1/2	944.49	1/2	589.48	1/2	227.79	1/2		1/2		1/2		1/2	
3/4	2,021.60	3/4	1,659.90	3/4	1,298.20	3/4	936.96	3/4	581.95	3/4	220.25	3/4		3/4		3/4		3/4	
1	2,014.06	1	1,652.36	1	1,290.66	1	929.44	1	574.41	1	212.72	1		1		1		1	
1/4	2,006.53	1/4	1,644.83	1/4	1,283.13	1/4	921.92	1/4	566.88	1/4	205.18	1/4		1/4		1/4		1/4	
1/2	1,998.99	1/2	1,637.29	1/2	1,275.59	1/2	914.38	1/2	559.34	1/2	197.65	1/2		1/2		1/2		1/2	
3/4	1,991.46	3/4	1,629.76	3/4	1,268.06	3/4	906.85	3/4	551.81	3/4	190.11	3/4		3/4		3/4		3/4	
2	1,983.92	2	1,622.22	2	1,260.52	2	899.31	2	544.27	2	182.58	2		2		2		2	
1/4	1,976.39	1/4	1,614.69	1/4	1,252.99	1/4	891.78	1/4	536.74	1/4	175.04	1/4		1/4		1/4		1/4	
1/2	1,968.85	1/2	1,607.15	1/2	1,245.45	1/2	884.24	1/2	529.20	1/2	167.51	1/2		1/2		1/2		1/2	
3/4	1,961.32	3/4	1,599.62	3/4	1,237.92	3/4	876.71	3/4	521.66	3/4	159.97	3/4		3/4		3/4		3/4	
3	1,953.78	3	1,592.08	3	1,230.38	3	869.17	3	514.13	3	152.44	3		3		3		3	
1/4	1,946.24	1/4	1,584.55	1/4	1,222.85	1/4	861.64	1/4	506.59	1/4	144.90	1/4		1/4		1/4		1/4	
1/2	1,938.71	1/2	1,577.01	1/2	1,215.32	1/2	854.10	1/2	499.06	1/2	137.37	1/2		1/2		1/2		1/2	
3/4	1,931.17	3/4	1,569.47	3/4	1,207.80	3/4	846.57	3/4	491.52	3/4	129.85	3/4		3/4		3/4		3/4	
4	1,923.64	4	1,561.94	4	1,200.28	4	839.03	4	483.99	4	122.32	4		4		4		4	
1/4	1,916.10	1/4	1,554.40	1/4	1,192.75	1/4	831.50	1/4	476.45	1/4	114.80	1/4		1/4		1/4		1/4	
1/2	1,908.57	1/2	1,546.87	1/2	1,185.23	1/2	823.96	1/2	468.92	1/2	107.30	1/2		1/2		1/2		1/2	
3/4	1,901.03	3/4	1,539.33	3/4	1,177.71	3/4	816.43	3/4	461.38	3/4	99.80	3/4		3/4		3/4		3/4	
5	1,893.50	5	1,531.80	5	1,170.18	5	808.89	5	453.85	5	92.29	5		5		5		5	
1/4	1,885.96	1/4	1,524.26	1/4	1,162.66	1/4	801.36	1/4	446.31	1/4	84.79	1/4		1/4		1/4		1/4	
1/2	1,878.43	1/2	1,516.73	1/2	1,155.14	1/2	793.82	1/2	438.78	1/2	77.89	1/2		1/2		1/2		1/2	
3/4	1,870.89	3/4	1,509.19	3/4	1,147.61	3/4	786.29	3/4	431.24	3/4	70.98	3/4		3/4		3/4		3/4	
6	1,863.36	6	1,501.66	6	1,140.09	6	778.75	6	423.71	6	64.08	6		6		6		6	
1/4	1,855.82	1/4	1,494.12	1/4	1,132.57	1/4	771.22	1/4	416.17	1/4	57.17	1/4		1/4		1/4		1/4	
1/2	1,848.28	1/2	1,486.59	1/2	1,125.04	1/2	763.68	1/2	408.64	1/2	52.35	1/2		1/2		1/2		1/2	
3/4	1,840.75	3/4	1,479.05	3/4	1,117.52	3/4	756.15	3/4	401.10	3/4	47.53	3/4		3/4		3/4		3/4	
7	1,833.21	7	1,471.51	7	1,110.00	7	748.61	7	393.56	7	42.71	7		7		7		7	
1/4	1,825.68	1/4	1,463.98	1/4	1,102.48	1/4	741.08	1/4	386.03	1/4	37.89	1/4		1/4		1/4		1/4	
1/2	1,818.14	1/2	1,456.44	1/2	1,094.95	1/2	733.54	1/2	378.49	1/2	34.32	1/2		1/2		1/2		1/2	
3/4	1,810.61	3/4	1,448.91	3/4	1,087.43	3/4	726.01	3/4	370.96	3/4	30.76	3/4		3/4		3/4		3/4	
8	1,803.07	8	1,441.37	8	1,079.91	8	718.47	8	363.42	8	27.20	8		8		8		8	
1/4	1,795.54	1/4	1,433.84	1/4	1,072.38	1/4	710.94	1/4	355.89	1/4	23.63	1/4		1/4		1/4		1/4	
1/2	1,788.00	1/2	1,426.30	1/2	1,064.86	1/2	703.40	1/2	348.35	1/2		1/2		1/2		1/2		1/2	
3/4	1,780.47	3/4	1,418.77	3/4	1,057.34	3/4	695.87	3/4	340.82	3/4		3/4		3/4		3/4		3/4	
9	1,772.93	9	1,411.23	9	1,049.81	9	688.33	9	333.28	9		9		9		9		9	
1/4	1,765.40	1/4	1,403.70	1/4	1,042.29	1/4	680.80	1/4	325.75	1/4		1/4		1/4		1/4		1/4	
1/2	1,757.86	1/2	1,396.16	1/2	1,034.77	1/2	673.26	1/2	318.21	1/2		1/2		1/2		1/2		1/2	
3/4	1,750.32	3/4	1,388.63	3/4	1,027.24	3/4	665.72	3/4	310.68	3/4		3/4		3/4		3/4		3/4	
10	1,742.79	10	1,381.09	10	1,019.72	10	658.19	10	303.14	10		10		10		10		10	
1/4	1,735.25	1/4	1,373.55	1/4	1,012.20	1/4	650.65	1/4	295.61	1/4		1/4		1/4		1/4		1/4	
1/2	1,727.72	1/2	1,366.02	1/2	1,004.67	1/2	643.95	1/2	288.07	1/2		1/2		1/2		1/2		1/2	
3/4	1,720.18	3/4	1,358.48	3/4	997.15	3/4	637.25	3/4	280.54	3/4		3/4		3/4		3/4		3/4	
11	1,712.65	11	1,350.95	11	989.63	11	630.54	11	273.00	11		11		11		11		11	
1/4	1,705.11	1/4	1,343.41	1/4	982.10	1/4	623.84	1/4	265.46	1/4		1/4		1/4		1/4		1/4	
1/2	1,697.58	1/2	1,335.88	1/2	974.58	1/2	617.13	1/2	257.93	1/2		1/2		1/2		1/2		1/2	
3/4	1,690.04	3/4	1,328.34	3/4	967.06	3/4	610.43	3/4	250.39	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/15/2020 JS  
CALCULATED: 09/16/2020 CL  
PRINTED: 09/16/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2020

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



# BARGE "PTC 2002"

## 2 STBD ULLAGE TABLE

### HERMETIC GAUGE HEIGHT 15'-08 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	4,888.00	0	4,552.35	0	4,197.57	0	3,836.03	0	3,474.50	0	3,112.96	0	2,751.43	0	2,389.81		
1/4	1/4	5,214.87	1/4	4,881.22	1/4	4,545.15	1/4	4,190.04	1/4	3,828.50	1/4	3,466.97	1/4	3,105.43	1/4	2,743.89	1/4	2,382.28	
1/2	1/2	5,209.92	1/2	4,874.40	1/2	4,537.92	1/2	4,182.51	1/2	3,820.97	1/2	3,459.43	1/2	3,097.90	1/2	2,736.36	1/2	2,374.74	
3/4	3/4	5,204.97	3/4	4,867.59	3/4	4,530.70	3/4	4,174.97	3/4	3,813.44	3/4	3,451.90	3/4	3,090.37	3/4	2,728.83	3/4	2,367.21	
1	1	5,200.02	1	4,860.78	1	4,523.47	1	4,167.44	1	3,805.91	1	3,444.37	1	3,082.83	1	2,721.30	1	2,359.68	
1/4	1/4	5,195.07	1/4	4,853.96	1/4	4,516.24	1/4	4,159.91	1/4	3,798.37	1/4	3,436.84	1/4	3,075.30	1/4	2,713.77	1/4	2,352.14	
1/2	1/2	5,188.89	1/2	4,847.12	1/2	4,508.98	1/2	4,152.38	1/2	3,790.84	1/2	3,429.31	1/2	3,067.77	1/2	2,706.23	1/2	2,344.61	
3/4	3/4	5,182.72	3/4	4,840.28	3/4	4,501.72	3/4	4,144.85	3/4	3,783.31	3/4	3,421.77	3/4	3,060.24	3/4	2,698.70	3/4	2,337.07	
2	2	5,176.54	2	4,833.43	2	4,494.46	2	4,137.31	2	3,775.78	2	3,414.24	2	3,052.71	2	2,691.17	2	2,329.54	
1/4	1/4	5,170.36	1/4	4,826.59	1/4	4,487.21	1/4	4,129.78	1/4	3,768.25	1/4	3,406.71	1/4	3,045.17	1/4	2,683.64	1/4	2,322.00	
1/2	1/2	5,162.93	1/2	4,819.71	1/2	4,479.91	1/2	4,122.25	1/2	3,760.71	1/2	3,399.18	1/2	3,037.64	1/2	2,676.11	1/2	2,314.47	
3/4	3/4	5,155.49	3/4	4,812.83	3/4	4,472.62	3/4	4,114.72	3/4	3,753.18	3/4	3,391.65	3/4	3,030.11	3/4	2,668.57	3/4	2,306.93	
3	3	5,148.06	3	4,805.95	3	4,465.33	3	4,107.19	3	3,745.65	3	3,384.11	3	3,022.58	3	2,661.04	3	2,299.40	
1/4	1/4	5,140.63	1/4	4,799.08	1/4	4,458.04	1/4	4,099.65	1/4	3,738.12	1/4	3,376.58	1/4	3,015.05	1/4	2,653.51	1/4	2,291.86	
1/2	1/2	5,133.19	1/2	4,792.17	1/2	4,450.72	1/2	4,092.12	1/2	3,730.59	1/2	3,369.05	1/2	3,007.51	1/2	2,645.98	1/2	2,284.33	
3/4	3/4	5,125.76	3/4	4,785.26	3/4	4,443.39	3/4	4,084.59	3/4	3,723.05	3/4	3,361.52	3/4	2,999.98	3/4	2,638.45	3/4	2,276.79	
4	4	5,118.33	4	4,778.35	4	4,436.07	4	4,077.06	4	3,715.52	4	3,353.99	4	2,992.45	4	2,630.91	4	2,269.26	
1/4	1/4	5,110.89	1/4	4,771.44	1/4	4,428.75	1/4	4,069.53	1/4	3,707.99	1/4	3,346.45	1/4	2,984.92	1/4	2,623.38	1/4	2,261.72	
1/2	1/2	5,103.46	1/2	4,764.50	1/2	4,421.39	1/2	4,061.99	1/2	3,700.46	1/2	3,338.92	1/2	2,977.39	1/2	2,615.85	1/2	2,254.19	
3/4	3/4	5,096.02	3/4	4,757.56	3/4	4,414.04	3/4	4,054.46	3/4	3,692.93	3/4	3,331.39	3/4	2,969.85	3/4	2,608.32	3/4	2,246.65	
5	5	5,088.59	5	4,750.62	5	4,406.68	5	4,046.93	5	3,685.39	5	3,323.86	5	2,962.32	5	2,600.79	5	2,239.12	
1/4	1/4	5,081.16	1/4	4,743.68	1/4	4,399.33	1/4	4,039.40	1/4	3,677.86	1/4	3,316.33	1/4	2,954.79	1/4	2,593.25	1/4	2,231.58	
1/2	1/2	5,073.72	1/2	4,736.70	1/2	4,391.94	1/2	4,031.87	1/2	3,670.33	1/2	3,308.79	1/2	2,947.26	1/2	2,585.72	1/2	2,224.05	
3/4	3/4	5,066.29	3/4	4,729.73	3/4	4,384.55	3/4	4,024.33	3/4	3,662.80	3/4	3,301.26	3/4	2,939.73	3/4	2,578.18	3/4	2,216.51	
6	6	5,058.86	6	4,722.76	6	4,377.16	6	4,016.80	6	3,655.27	6	3,293.73	6	2,932.19	6	2,570.65	6	2,208.98	
1/4	1/4	5,051.42	1/4	4,715.79	1/4	4,369.78	1/4	4,009.27	1/4	3,647.73	1/4	3,286.20	1/4	2,924.66	1/4	2,563.11	1/4	2,201.44	
1/2	1/2	5,043.99	1/2	4,708.78	1/2	4,362.36	1/2	4,001.74	1/2	3,640.20	1/2	3,278.67	1/2	2,917.13	1/2	2,555.58	1/2	2,193.91	
3/4	3/4	5,036.55	3/4	4,701.77	3/4	4,354.94	3/4	3,994.21	3/4	3,632.67	3/4	3,271.13	3/4	2,909.60	3/4	2,548.05	3/4	2,186.37	
7	7	5,029.12	7	4,694.77	7	4,347.52	7	3,986.67	7	3,625.14	7	3,263.60	7	2,902.07	7	2,540.51	7	2,178.84	
1/4	1/4	5,021.69	1/4	4,687.76	1/4	4,340.10	1/4	3,979.14	1/4	3,617.61	1/4	3,256.07	1/4	2,894.53	1/4	2,532.98	1/4	2,171.31	
1/2	1/2	5,014.25	1/2	4,680.70	1/2	4,332.65	1/2	3,971.61	1/2	3,610.07	1/2	3,248.54	1/2	2,887.00	1/2	2,525.44	1/2	2,163.77	
3/4	3/4	5,006.82	3/4	4,673.63	3/4	4,325.19	3/4	3,964.08	3/4	3,602.54	3/4	3,241.01	3/4	2,879.47	3/4	2,517.91	3/4	2,156.24	
8	8	4,999.38	8	4,666.56	8	4,317.74	8	3,956.55	8	3,595.01	8	3,233.47	8	2,871.94	8	2,510.37	8	2,148.70	
1/4	1/4	4,991.95	1/4	4,659.50	1/4	4,310.29	1/4	3,949.01	1/4	3,587.48	1/4	3,225.94	1/4	2,864.41	1/4	2,502.84	1/4	2,141.17	
1/2	1/2	4,984.52	1/2	4,652.40	1/2	4,302.81	1/2	3,941.48	1/2	3,579.95	1/2	3,218.41	1/2	2,856.87	1/2	2,495.30	1/2	2,133.63	
3/4	3/4	4,977.08	3/4	4,645.30	3/4	4,295.32	3/4	3,933.95	3/4	3,572.41	3/4	3,210.88	3/4	2,849.34	3/4	2,487.77	3/4	2,126.10	
9	9	4,969.65	9	4,638.20	9	4,287.84	9	3,926.42	9	3,564.88	9	3,203.35	9	2,841.81	9	2,480.23	9	2,118.56	
1/4	1/4	4,962.22	1/4	4,631.10	1/4	4,280.35	1/4	3,918.89	1/4	3,557.35	1/4	3,195.81	1/4	2,834.28	1/4	2,472.70	1/4	2,111.03	
1/2	1/2	4,955.50	1/2	4,623.97	1/2	4,272.84	1/2	3,911.35	1/2	3,549.82	1/2	3,188.28	1/2	2,826.75	1/2	2,465.16	1/2	2,103.49	
3/4	3/4	4,948.78	3/4	4,616.84	3/4	4,265.32	3/4	3,903.82	3/4	3,542.29	3/4	3,180.75	3/4	2,819.21	3/4	2,457.63	3/4	2,095.96	
10	10	4,942.06	10	4,609.71	10	4,257.81	10	3,896.29	10	3,534.75	10	3,173.22	10	2,811.68	10	2,450.09	10	2,088.42	
1/4	1/4	4,935.34	1/4	4,602.58	1/4	4,250.29	1/4	3,888.76	1/4	3,527.22	1/4	3,165.69	1/4	2,804.15	1/4	2,442.56	1/4	2,080.89	
1/2	1/2	4,928.59	1/2	4,595.42	1/2	4,242.76	1/2	3,881.23	1/2	3,519.69	1/2	3,158.15	1/2	2,796.62	1/2	2,435.02	1/2	2,073.35	
3/4	3/4	4,921.84	3/4	4,588.26	3/4	4,235.23	3/4	3,873.69	3/4	3,512.16	3/4	3,150.62	3/4	2,789.09	3/4	2,427.49	3/4	2,065.82	
11	11	4,915.09	11	4,581.09	11	4,227.70	11	3,866.16	11	3,504.63	11	3,143.09	11	2,781.55	11	2,419.95	11	2,058.28	
1/4	1/4	4,908.34	1/4	4,573.93	1/4	4,220.17	1/4	3,858.63	1/4	3,497.09	1/4	3,135.56	1/4	2,774.02	1/4	2,412.42	1/4	2,050.75	
1/2	1/2	4,901.56	1/2	4,566.73	1/2	4,212.63	1/2	3,851.10	1/2	3,489.56	1/2	3,128.03	1/2	2,766.49	1/2	2,404.88	1/2	2,043.21	
3/4	3/4	4,894.78	3/4	4,559.54	3/4	4,205.10	3/4	3,843.57	3/4	3,482.03	3/4	3,120.49	3/4	2,758.96	3/4	2,397.35	3/4	2,035.68	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD

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





# BARGE "PTC 2002"

## 2 STBD

### ULLAGE TABLE HERMETIC

#### GAUGE HEIGHT 15'-08 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,028.14	0	1,666.47	0	1,304.80	0	956.47	0	603.66	0	242.84	0		0		0		0	
1/4	2,020.61	1/4	1,658.94	1/4	1,297.27	1/4	949.28	1/4	596.96	1/4	235.30	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,013.07	1/2	1,651.40	1/2	1,289.73	1/2	942.09	1/2	589.42	1/2	227.77	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,005.54	3/4	1,643.87	3/4	1,282.20	3/4	934.90	3/4	581.89	3/4	220.24	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,998.00	1	1,636.33	1	1,274.66	1	927.71	1	574.35	1	212.70	1	1	1	1	1	1	1	1
1/4	1,990.47	1/4	1,628.80	1/4	1,267.13	1/4	920.51	1/4	566.82	1/4	205.17	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,982.94	1/2	1,621.26	1/2	1,259.59	1/2	913.31	1/2	559.28	1/2	197.63	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,975.40	3/4	1,613.73	3/4	1,252.06	3/4	906.11	3/4	551.75	3/4	190.10	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,967.87	2	1,606.20	2	1,244.52	2	898.90	2	544.21	2	182.56	2	2	2	2	2	2	2	2
1/4	1,960.33	1/4	1,598.66	1/4	1,236.99	1/4	891.70	1/4	536.68	1/4	175.03	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,952.80	1/2	1,591.13	1/2	1,229.79	1/2	884.17	1/2	529.15	1/2	167.49	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,945.26	3/4	1,583.59	3/4	1,222.58	3/4	876.63	3/4	521.61	3/4	159.96	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,937.73	3	1,576.06	3	1,215.38	3	869.10	3	514.08	3	152.43	3	3	3	3	3	3	3	3
1/4	1,930.19	1/4	1,568.52	1/4	1,208.18	1/4	861.56	1/4	506.54	1/4	144.89	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,922.66	1/2	1,560.99	1/2	1,200.99	1/2	854.03	1/2	499.01	1/2	137.37	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,915.12	3/4	1,553.45	3/4	1,193.79	3/4	846.49	3/4	491.47	3/4	129.84	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,907.59	4	1,545.92	4	1,186.60	4	838.96	4	483.94	4	122.32	4	4	4	4	4	4	4	4
1/4	1,900.05	1/4	1,538.38	1/4	1,179.41	1/4	831.42	1/4	476.40	1/4	114.79	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,892.52	1/2	1,530.85	1/2	1,172.22	1/2	823.89	1/2	468.87	1/2	107.29	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,884.98	3/4	1,523.31	3/4	1,165.03	3/4	816.35	3/4	461.34	3/4	99.79	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,877.45	5	1,515.78	5	1,157.84	5	808.82	5	453.80	5	92.29	5	5	5	5	5	5	5	5
1/4	1,869.91	1/4	1,508.24	1/4	1,150.64	1/4	801.29	1/4	446.27	1/4	84.79	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,862.38	1/2	1,500.71	1/2	1,143.45	1/2	793.75	1/2	438.73	1/2	77.89	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,854.84	3/4	1,493.17	3/4	1,136.26	3/4	786.22	3/4	431.20	3/4	70.98	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,847.31	6	1,485.64	6	1,129.07	6	778.68	6	423.66	6	64.08	6	6	6	6	6	6	6	6
1/4	1,839.77	1/4	1,478.10	1/4	1,121.88	1/4	771.15	1/4	416.13	1/4	57.17	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,832.24	1/2	1,470.57	1/2	1,114.69	1/2	763.61	1/2	408.60	1/2	50.25	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,824.70	3/4	1,463.03	3/4	1,107.50	3/4	756.08	3/4	401.06	3/4	43.53	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,817.17	7	1,455.50	7	1,100.30	7	748.54	7	393.53	7	36.71	7	7	7	7	7	7	7	7
1/4	1,809.63	1/4	1,447.96	1/4	1,093.11	1/4	741.01	1/4	385.99	1/4	29.89	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,802.10	1/2	1,440.43	1/2	1,085.92	1/2	733.48	1/2	378.46	1/2	23.32	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,794.57	3/4	1,432.89	3/4	1,078.73	3/4	725.94	3/4	370.92	3/4	16.76	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,787.03	8	1,425.36	8	1,071.54	8	718.41	8	363.39	8	10.19	8	8	8	8	8	8	8	8
1/4	1,779.50	1/4	1,417.83	1/4	1,064.35	1/4	710.87	1/4	355.85	1/4	3.63	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,771.96	1/2	1,410.29	1/2	1,057.15	1/2	703.34	1/2	348.32	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,764.43	3/4	1,402.76	3/4	1,049.96	3/4	695.80	3/4	340.79	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,756.89	9	1,395.22	9	1,042.77	9	688.27	9	333.25	9		9	9	9	9	9	9	9	9
1/4	1,749.36	1/4	1,387.69	1/4	1,035.58	1/4	680.73	1/4	325.72	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,741.82	1/2	1,380.15	1/2	1,028.39	1/2	673.20	1/2	318.18	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,734.29	3/4	1,372.62	3/4	1,021.20	3/4	665.66	3/4	310.65	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,726.75	10	1,365.08	10	1,014.00	10	658.13	10	303.11	10		10	10	10	10	10	10	10	10
1/4	1,719.22	1/4	1,357.55	1/4	1,006.81	1/4	650.60	1/4	295.58	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,711.68	1/2	1,350.01	1/2	999.62	1/2	643.89	1/2	288.04	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,704.15	3/4	1,342.48	3/4	992.43	3/4	637.19	3/4	280.51	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,696.61	11	1,334.94	11	985.24	11	630.48	11	272.98	11		11	11	11	11	11	11	11	11
1/4	1,689.08	1/4	1,327.41	1/4	978.05	1/4	623.78	1/4	265.44	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,681.54	1/2	1,319.87	1/2	970.85	1/2	617.07	1/2	257.91	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,674.01	3/4	1,312.34	3/4	963.66	3/4	610.37	3/4	250.37	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: 09/15/2020 JS  
CALCULATED: 09/16/2020 CL  
PRINTED: 09/16/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2020

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



# BARGE "PTC 2002"

## 3 PORT ULLAGE TABLE

### HERMETIC GAUGE HEIGHT 15'-08 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	0	0	4,230.61	0	4,063.75	0	3,878.11	0	3,685.07	0	3,488.57	0	3,130.40	0	2,770.96	0	2,410.89
1/4	1/4	1/4	1/4	1/4	4,227.33	1/4	4,060.06	1/4	3,874.09	1/4	3,681.05	1/4	3,481.10	1/4	3,122.91	1/4	2,733.46	1/4	2,403.39
1/2	1/2	1/2	1/2	1/2	4,224.04	1/2	4,056.38	1/2	3,870.07	1/2	3,677.02	1/2	3,473.63	1/2	3,115.43	1/2	2,755.96	1/2	2,395.89
3/4	3/4	3/4	3/4	3/4	4,387.76	3/4	4,220.75	3/4	4,052.69	3/4	3,866.05	3/4	3,673.00	3/4	3,466.17	3/4	3,107.94	3/4	2,388.38
1	1	1	1	1	4,386.27	1	4,217.43	1	4,048.97	1	3,862.03	1	3,668.98	1	3,458.70	1	3,100.45	1	2,380.88
1/4	1/4	1/4	1/4	1/4	4,384.79	1/4	4,214.11	1/4	4,045.26	1/4	3,858.00	1/4	3,664.96	1/4	3,451.23	1/4	3,092.96	1/4	2,373.38
1/2	1/2	1/2	1/2	1/2	4,383.31	1/2	4,210.79	1/2	4,041.54	1/2	3,853.98	1/2	3,660.94	1/2	3,443.76	1/2	3,085.47	1/2	2,365.88
3/4	3/4	3/4	3/4	3/4	4,381.82	3/4	4,207.47	3/4	4,037.82	3/4	3,849.96	3/4	3,656.91	3/4	3,436.29	3/4	3,077.99	3/4	2,358.37
2	2	2	2	2	4,379.10	2	4,204.12	2	4,034.07	2	3,845.94	2	3,652.89	2	3,428.82	2	3,070.50	2	2,350.87
1/4	1/4	1/4	1/4	1/4	4,376.38	1/4	4,200.77	1/4	4,030.32	1/4	3,841.92	1/4	3,648.87	1/4	3,421.35	1/4	3,063.01	1/4	2,343.37
1/2	1/2	1/2	1/2	1/2	4,373.66	1/2	4,197.42	1/2	4,026.57	1/2	3,837.90	1/2	3,644.85	1/2	3,413.88	1/2	3,055.52	1/2	2,335.87
3/4	3/4	3/4	3/4	3/4	4,370.94	3/4	4,194.07	3/4	4,022.82	3/4	3,833.87	3/4	3,640.83	3/4	3,406.41	3/4	3,048.03	3/4	2,328.37
3	3	3	3	3	4,366.97	3	4,190.69	3	4,019.04	3	3,829.85	3	3,636.81	3	3,398.94	3	3,040.55	3	2,320.86
1/4	1/4	1/4	1/4	1/4	4,363.00	1/4	4,187.30	1/4	4,015.26	1/4	3,825.83	1/4	3,632.78	1/4	3,391.47	1/4	3,033.06	1/4	2,313.36
1/2	1/2	1/2	1/2	1/2	4,359.03	1/2	4,183.92	1/2	4,011.48	1/2	3,821.81	1/2	3,628.76	1/2	3,384.00	1/2	3,025.57	1/2	2,305.86
3/4	3/4	3/4	3/4	3/4	4,355.06	3/4	4,180.54	3/4	4,007.69	3/4	3,817.79	3/4	3,624.74	3/4	3,376.53	3/4	3,018.08	3/4	2,298.36
4	4	4	4	4	4,351.09	4	4,177.12	4	4,003.88	4	3,813.77	4	3,620.72	4	3,369.06	4	3,010.59	4	2,290.86
1/4	1/4	1/4	1/4	1/4	4,347.12	1/4	4,173.71	1/4	4,000.07	1/4	3,809.74	1/4	3,616.70	1/4	3,361.60	1/4	3,003.11	1/4	2,283.35
1/2	1/2	1/2	1/2	1/2	4,343.16	1/2	4,170.29	1/2	3,996.25	1/2	3,805.72	1/2	3,612.68	1/2	3,354.13	1/2	2,995.62	1/2	2,275.85
3/4	3/4	3/4	3/4	3/4	4,339.19	3/4	4,166.88	3/4	3,992.44	3/4	3,801.70	3/4	3,608.65	3/4	3,346.66	3/4	2,988.13	3/4	2,268.35
5	5	5	5	5	4,335.22	5	4,163.43	5	3,988.59	5	3,797.68	5	3,604.63	5	3,339.19	5	2,980.64	5	2,260.85
1/4	1/4	1/4	1/4	1/4	4,331.25	1/4	4,159.98	1/4	3,984.75	1/4	3,793.66	1/4	3,600.61	1/4	3,331.72	1/4	2,973.15	1/4	2,253.34
1/2	1/2	1/2	1/2	1/2	4,327.28	1/2	4,156.53	1/2	3,980.90	1/2	3,789.63	1/2	3,596.59	1/2	3,324.25	1/2	2,965.67	1/2	2,245.84
3/4	3/4	3/4	3/4	3/4	4,323.31	3/4	4,153.09	3/4	3,977.06	3/4	3,785.61	3/4	3,592.57	3/4	3,316.78	3/4	2,958.18	3/4	2,238.34
6	6	6	6	6	4,319.34	6	4,149.61	6	3,973.18	6	3,781.59	6	3,588.54	6	3,309.33	6	2,950.69	6	2,230.84
1/4	1/4	1/4	1/4	1/4	4,315.37	1/4	4,146.13	1/4	3,969.30	1/4	3,777.57	1/4	3,584.52	1/4	3,301.87	1/4	2,943.20	1/4	2,223.34
1/2	1/2	1/2	1/2	1/2	4,311.41	1/2	4,142.65	1/2	3,965.42	1/2	3,773.55	1/2	3,580.50	1/2	3,294.42	1/2	2,935.71	1/2	2,215.83
3/4	3/4	3/4	3/4	3/4	4,307.44	3/4	4,139.17	3/4	3,961.55	3/4	3,769.53	3/4	3,576.48	3/4	3,286.96	3/4	2,928.23	3/4	2,208.33
7	7	7	7	7	4,303.47	7	4,135.66	7	3,957.64	7	3,765.50	7	3,572.46	7	3,279.51	7	2,920.74	7	2,200.83
1/4	1/4	1/4	1/4	1/4	4,299.50	1/4	4,132.15	1/4	3,953.73	1/4	3,761.48	1/4	3,568.44	1/4	3,272.06	1/4	2,913.25	1/4	2,193.33
1/2	1/2	1/2	1/2	1/2	4,295.53	1/2	4,128.64	1/2	3,949.82	1/2	3,757.46	1/2	3,564.41	1/2	3,264.60	1/2	2,905.76	1/2	2,185.82
3/4	3/4	3/4	3/4	3/4	4,291.56	3/4	4,125.13	3/4	3,945.91	3/4	3,753.44	3/4	3,560.39	3/4	3,257.15	3/4	2,898.27	3/4	2,178.32
8	8	8	8	8	4,287.59	8	4,121.57	8	3,941.97	8	3,749.42	8	3,556.37	8	3,249.70	8	2,890.79	8	2,170.82
1/4	1/4	1/4	1/4	1/4	4,283.62	1/4	4,118.01	1/4	3,938.02	1/4	3,745.39	1/4	3,552.35	1/4	3,242.24	1/4	2,883.30	1/4	2,163.32
1/2	1/2	1/2	1/2	1/2	4,279.66	1/2	4,114.45	1/2	3,934.08	1/2	3,741.37	1/2	3,548.33	1/2	3,234.79	1/2	2,875.81	1/2	2,155.82
3/4	3/4	3/4	3/4	3/4	4,275.69	3/4	4,110.90	3/4	3,930.14	3/4	3,737.35	3/4	3,544.30	3/4	3,227.34	3/4	2,868.32	3/4	2,148.31
9	9	9	9	9	4,271.72	9	4,107.31	9	3,926.17	9	3,733.33	9	3,540.28	9	3,219.88	9	2,860.83	9	2,140.81
1/4	1/4	1/4	1/4	1/4	4,267.75	1/4	4,103.72	1/4	3,922.19	1/4	3,729.31	1/4	3,536.26	1/4	3,212.43	1/4	2,853.35	1/4	2,133.31
1/2	1/2	1/2	1/2	1/2	4,263.78	1/2	4,100.13	1/2	3,918.22	1/2	3,725.29	1/2	3,532.24	1/2	3,204.97	1/2	2,845.86	1/2	2,125.81
3/4	3/4	3/4	3/4	3/4	4,259.81	3/4	4,096.54	3/4	3,914.24	3/4	3,721.26	3/4	3,528.22	3/4	3,197.52	3/4	2,838.37	3/4	2,118.30
10	10	10	10	10	4,255.84	10	4,092.91	10	3,910.24	10	3,717.24	10	3,524.20	10	3,190.07	10	2,830.88	10	2,110.80
1/4	1/4	1/4	1/4	1/4	4,253.37	1/4	4,089.29	1/4	3,906.23	1/4	3,713.22	1/4	3,520.17	1/4	3,182.61	1/4	2,823.39	1/4	2,103.30
1/2	1/2	1/2	1/2	1/2	4,250.14	1/2	4,085.67	1/2	3,902.23	1/2	3,709.20	1/2	3,516.15	1/2	3,175.16	1/2	2,815.91	1/2	2,095.80
3/4	3/4	3/4	3/4	3/4	4,246.92	3/4	4,082.05	3/4	3,898.22	3/4	3,705.18	3/4	3,512.13	3/4	3,167.71	3/4	2,808.42	3/4	2,088.30
11	11	11	11	11	4,243.66	11	4,078.40	11	3,894.20	11	3,701.15	11	3,508.11	11	3,160.25	11	2,800.93	11	2,080.79
1/4	1/4	1/4	1/4	1/4	4,240.41	1/4	4,074.74	1/4	3,890.18	1/4	3,697.13	1/4	3,504.09	1/4	3,152.80	1/4	2,793.44	1/4	2,073.29
1/2	1/2	1/2	1/2	1/2	4,237.15	1/2	4,071.09	1/2	3,886.16	1/2	3,693.11	1/2	3,500.06	1/2	3,145.34	1/2	2,785.95	1/2	2,065.79
3/4	3/4	3/4	3/4	3/4	4,233.90	3/4	4,067.43	3/4	3,882.14	3/4	3,689.09	3/4	3,496.04	3/4	3,137.89	3/4	2,778.47	3/4	2,058.29

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 55'-03" FORWARD OF AFT BULKHEAD

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



# BARGE "PTC 2002"

## 3 PORT

### ULLAGE TABLE HERMETIC

#### GAUGE HEIGHT 15'-08 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,050.78	0	1,690.60	0	1,330.42	0	970.51	0	614.56	0	256.86	0		0		0		0	
1/4	2,043.28	1/4	1,683.10	1/4	1,322.91	1/4	963.02	1/4	607.89	1/4	249.36	1/4		1/4		1/4		1/4	
1/2	2,035.78	1/2	1,675.59	1/2	1,315.41	1/2	955.52	1/2	601.21	1/2	241.85	1/2		1/2		1/2		1/2	
3/4	2,028.28	3/4	1,668.09	3/4	1,307.90	3/4	948.03	3/4	594.53	3/4	234.35	3/4		3/4		3/4		3/4	
1	2,020.77	1	1,660.59	1	1,300.40	1	940.54	1	587.03	1	226.85	1		1		1		1	
1/4	2,013.27	1/4	1,653.08	1/4	1,292.90	1/4	933.04	1/4	579.52	1/4	219.34	1/4		1/4		1/4		1/4	
1/2	2,005.77	1/2	1,645.58	1/2	1,285.39	1/2	925.55	1/2	572.02	1/2	211.84	1/2		1/2		1/2		1/2	
3/4	1,998.26	3/4	1,638.08	3/4	1,277.89	3/4	918.05	3/4	564.52	3/4	204.33	3/4		3/4		3/4		3/4	
2	1,990.76	2	1,630.57	2	1,270.38	2	910.55	2	557.01	2	196.83	2		2		2		2	
1/4	1,983.25	1/4	1,623.07	1/4	1,262.88	1/4	903.06	1/4	549.51	1/4	189.33	1/4		1/4		1/4		1/4	
1/2	1,975.75	1/2	1,615.56	1/2	1,255.38	1/2	895.56	1/2	542.01	1/2	181.82	1/2		1/2		1/2		1/2	
3/4	1,968.25	3/4	1,608.06	3/4	1,247.87	3/4	888.06	3/4	534.50	3/4	174.32	3/4		3/4		3/4		3/4	
3	1,960.74	3	1,600.56	3	1,240.37	3	880.56	3	527.00	3	166.82	3		3		3		3	
1/4	1,953.24	1/4	1,593.05	1/4	1,232.86	1/4	873.05	1/4	519.49	1/4	159.31	1/4		1/4		1/4		1/4	
1/2	1,945.74	1/2	1,585.55	1/2	1,225.36	1/2	865.55	1/2	511.99	1/2	151.81	1/2		1/2		1/2		1/2	
3/4	1,938.23	3/4	1,578.04	3/4	1,217.86	3/4	858.05	3/4	504.49	3/4	144.30	3/4		3/4		3/4		3/4	
4	1,930.73	4	1,570.54	4	1,210.36	4	850.54	4	496.98	4	136.81	4		4		4		4	
1/4	1,923.22	1/4	1,563.04	1/4	1,202.86	1/4	843.04	1/4	489.48	1/4	129.32	1/4		1/4		1/4		1/4	
1/2	1,915.72	1/2	1,555.53	1/2	1,195.35	1/2	835.54	1/2	481.97	1/2	121.82	1/2		1/2		1/2		1/2	
3/4	1,908.22	3/4	1,548.03	3/4	1,187.85	3/4	828.03	3/4	474.47	3/4	114.33	3/4		3/4		3/4		3/4	
5	1,900.71	5	1,540.52	5	1,180.36	5	820.53	5	466.97	5	106.86	5		5		5		5	
1/4	1,893.21	1/4	1,533.02	1/4	1,172.87	1/4	813.03	1/4	459.46	1/4	99.39	1/4		1/4		1/4		1/4	
1/2	1,885.70	1/2	1,525.52	1/2	1,165.37	1/2	805.52	1/2	451.96	1/2	91.92	1/2		1/2		1/2		1/2	
3/4	1,878.20	3/4	1,518.01	3/4	1,157.88	3/4	798.02	3/4	444.46	3/4	84.45	3/4		3/4		3/4		3/4	
6	1,870.70	6	1,510.51	6	1,150.38	6	790.52	6	436.95	6	77.57	6		6		6		6	
1/4	1,863.19	1/4	1,503.01	1/4	1,142.89	1/4	783.01	1/4	429.45	1/4	70.70	1/4		1/4		1/4		1/4	
1/2	1,855.69	1/2	1,495.50	1/2	1,135.39	1/2	775.51	1/2	421.94	1/2	63.82	1/2		1/2		1/2		1/2	
3/4	1,848.18	3/4	1,488.00	3/4	1,127.90	3/4	768.00	3/4	414.44	3/4	56.94	3/4		3/4		3/4		3/4	
7	1,840.68	7	1,480.49	7	1,120.40	7	760.50	7	406.94	7	52.14	7		7		7		7	
1/4	1,833.18	1/4	1,472.99	1/4	1,112.91	1/4	753.00	1/4	399.43	1/4	47.34	1/4		1/4		1/4		1/4	
1/2	1,825.67	1/2	1,465.49	1/2	1,105.41	1/2	745.49	1/2	391.93	1/2	42.54	1/2		1/2		1/2		1/2	
3/4	1,818.17	3/4	1,457.98	3/4	1,097.92	3/4	737.99	3/4	384.43	3/4	37.74	3/4		3/4		3/4		3/4	
8	1,810.67	8	1,450.48	8	1,090.43	8	730.49	8	376.92	8	34.19	8		8		8		8	
1/4	1,803.16	1/4	1,442.97	1/4	1,082.93	1/4	722.98	1/4	369.42	1/4	30.64	1/4		1/4		1/4		1/4	
1/2	1,795.66	1/2	1,435.47	1/2	1,075.44	1/2	715.48	1/2	361.91	1/2	27.09	1/2		1/2		1/2		1/2	
3/4	1,788.15	3/4	1,427.97	3/4	1,067.94	3/4	707.98	3/4	354.41	3/4	23.54	3/4		3/4		3/4		3/4	
9	1,780.65	9	1,420.46	9	1,060.45	9	700.47	9	346.91	9		9		9		9		9	
1/4	1,773.15	1/4	1,412.96	1/4	1,052.95	1/4	692.97	1/4	339.40	1/4		1/4		1/4		1/4		1/4	
1/2	1,765.64	1/2	1,405.45	1/2	1,045.46	1/2	685.46	1/2	331.90	1/2		1/2		1/2		1/2		1/2	
3/4	1,758.14	3/4	1,397.95	3/4	1,037.96	3/4	677.96	3/4	324.39	3/4		3/4		3/4		3/4		3/4	
10	1,750.63	10	1,390.45	10	1,030.47	10	670.46	10	316.89	10		10		10		10		10	
1/4	1,743.13	1/4	1,382.94	1/4	1,022.98	1/4	662.95	1/4	309.39	1/4		1/4		1/4		1/4		1/4	
1/2	1,735.63	1/2	1,375.44	1/2	1,015.48	1/2	655.45	1/2	301.88	1/2		1/2		1/2		1/2		1/2	
3/4	1,728.12	3/4	1,367.93	3/4	1,007.99	3/4	647.95	3/4	294.38	3/4		3/4		3/4		3/4		3/4	
11	1,720.62	11	1,360.43	11	1,000.49	11	641.27	11	286.88	11		11		11		11		11	
1/4	1,713.11	1/4	1,352.93	1/4	993.00	1/4	634.59	1/4	279.37	1/4		1/4		1/4		1/4		1/4	
1/2	1,705.61	1/2	1,345.42	1/2	985.50	1/2	627.92	1/2	271.87	1/2		1/2		1/2		1/2		1/2	
3/4	1,698.11	3/4	1,337.92	3/4	978.01	3/4	621.24	3/4	264.36	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/15/2020 JS  
CALCULATED: 09/16/2020 CL  
PRINTED: 09/16/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "PTC 2002"

## 3 STBD ULLAGE TABLE

### HERMETIC GAUGE HEIGHT 15'-07 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	4,362.66	0	4,194.31	0	4,026.32	0	3,839.84	0	3,647.25	0	3,437.42	0	3,079.51	0	2,720.53	0	2,360.80		
1/4	1/4	4,361.19	1/4	4,191.00	1/4	4,022.62	1/4	3,835.83	1/4	3,643.24	1/4	3,429.96	1/4	3,072.03	1/4	2,713.04	1/4	2,353.30		
1/2	1/2	4,359.72	1/2	4,187.69	1/2	4,018.91	1/2	3,831.82	1/2	3,639.23	1/2	3,422.49	1/2	3,064.55	1/2	2,705.55	1/2	2,345.81		
3/4	3/4	4,358.25	3/4	4,184.38	3/4	4,015.20	3/4	3,827.80	3/4	3,635.22	3/4	3,415.03	3/4	3,057.07	3/4	2,698.05	3/4	2,338.31		
1	1	4,355.54	1	4,181.04	1	4,011.46	1	3,823.79	1	3,631.21	1	3,407.57	1	3,049.59	1	2,690.56	1	2,330.81		
1/4	1/4	4,352.83	1/4	4,177.70	1/4	4,007.72	1/4	3,819.78	1/4	3,627.19	1/4	3,400.11	1/4	3,042.12	1/4	2,683.07	1/4	2,323.32		
1/2	1/2	4,350.12	1/2	4,174.35	1/2	4,003.98	1/2	3,815.77	1/2	3,623.18	1/2	3,392.64	1/2	3,034.65	1/2	2,675.57	1/2	2,315.82		
3/4	3/4	4,347.42	3/4	4,171.01	3/4	4,000.24	3/4	3,811.75	3/4	3,619.17	3/4	3,385.18	3/4	3,027.17	3/4	2,668.08	3/4	2,308.33		
2	2	4,343.46	2	4,167.64	2	3,996.47	2	3,807.74	2	3,615.16	2	3,377.72	2	3,019.70	2	2,660.59	2	2,300.83		
1/4	1/4	4,339.50	1/4	4,164.27	1/4	3,992.70	1/4	3,803.73	1/4	3,611.14	1/4	3,370.26	1/4	3,012.22	1/4	2,653.09	1/4	2,293.34		
1/2	1/2	4,335.54	1/2	4,160.89	1/2	3,988.92	1/2	3,799.72	1/2	3,607.13	1/2	3,362.79	1/2	3,004.75	1/2	2,645.60	1/2	2,285.84		
3/4	3/4	4,331.58	3/4	4,157.52	3/4	3,985.15	3/4	3,795.71	3/4	3,603.12	3/4	3,355.33	3/4	2,997.28	3/4	2,638.10	3/4	2,278.35		
3	3	4,327.62	3	4,154.12	3	3,981.35	3	3,791.69	3	3,599.11	3	3,347.87	3	2,989.80	3	2,630.61	3	2,270.85		
1/4	1/4	4,323.66	1/4	4,150.71	1/4	3,977.54	1/4	3,787.68	1/4	3,595.10	1/4	3,340.41	1/4	2,982.33	1/4	2,623.12	1/4	2,263.36		
1/2	1/2	4,319.70	1/2	4,147.31	1/2	3,973.74	1/2	3,783.67	1/2	3,591.08	1/2	3,332.95	1/2	2,974.86	1/2	2,615.62	1/2	2,255.86		
3/4	3/4	4,315.74	3/4	4,143.90	3/4	3,969.94	3/4	3,779.66	3/4	3,587.07	3/4	3,325.48	3/4	2,967.38	3/4	2,608.13	3/4	2,248.37		
4	4	4,311.78	4	4,140.46	4	3,966.10	4	3,775.64	4	3,583.06	4	3,318.02	4	2,959.91	4	2,600.64	4	2,240.87		
1/4	1/4	4,307.82	1/4	4,137.03	1/4	3,962.26	1/4	3,771.63	1/4	3,579.05	1/4	3,310.56	1/4	2,952.44	1/4	2,593.14	1/4	2,233.38		
1/2	1/2	4,303.86	1/2	4,133.59	1/2	3,958.43	1/2	3,767.62	1/2	3,575.03	1/2	3,303.10	1/2	2,944.96	1/2	2,585.65	1/2	2,225.88		
3/4	3/4	4,299.90	3/4	4,130.15	3/4	3,954.59	3/4	3,763.61	3/4	3,571.02	3/4	3,295.63	3/4	2,937.49	3/4	2,578.16	3/4	2,218.39		
5	5	4,295.94	5	4,126.68	5	3,950.72	5	3,759.60	5	3,567.01	5	3,288.19	5	2,930.02	5	2,570.66	5	2,210.89		
1/4	1/4	4,291.98	1/4	4,123.21	1/4	3,946.86	1/4	3,755.58	1/4	3,563.00	1/4	3,280.74	1/4	2,922.54	1/4	2,563.17	1/4	2,203.40		
1/2	1/2	4,288.02	1/2	4,119.74	1/2	3,942.99	1/2	3,751.57	1/2	3,558.99	1/2	3,273.29	1/2	2,915.07	1/2	2,555.67	1/2	2,195.90		
3/4	3/4	4,284.06	3/4	4,116.27	3/4	3,939.12	3/4	3,747.56	3/4	3,554.97	3/4	3,265.85	3/4	2,907.60	3/4	2,548.18	3/4	2,188.41		
6	6	4,280.11	6	4,112.77	6	3,935.22	6	3,743.55	6	3,550.96	6	3,258.40	6	2,900.12	6	2,540.68	6	2,180.91		
1/4	1/4	4,276.15	1/4	4,109.27	1/4	3,931.32	1/4	3,739.53	1/4	3,546.95	1/4	3,250.95	1/4	2,892.65	1/4	2,533.19	1/4	2,173.42		
1/2	1/2	4,272.19	1/2	4,105.77	1/2	3,927.42	1/2	3,735.52	1/2	3,542.94	1/2	3,243.51	1/2	2,885.18	1/2	2,525.69	1/2	2,165.92		
3/4	3/4	4,268.23	3/4	4,102.27	3/4	3,923.52	3/4	3,731.51	3/4	3,538.92	3/4	3,236.06	3/4	2,877.70	3/4	2,518.19	3/4	2,158.43		
7	7	4,264.27	7	4,098.72	7	3,919.59	7	3,727.50	7	3,534.91	7	3,228.61	7	2,870.22	7	2,510.70	7	2,150.93		
1/4	1/4	4,260.31	1/4	4,095.17	1/4	3,915.66	1/4	3,723.49	1/4	3,530.90	1/4	3,221.17	1/4	2,862.74	1/4	2,503.20	1/4	2,143.43		
1/2	1/2	4,256.35	1/2	4,091.63	1/2	3,911.72	1/2	3,719.47	1/2	3,526.89	1/2	3,213.72	1/2	2,855.26	1/2	2,495.71	1/2	2,135.94		
3/4	3/4	4,252.39	3/4	4,088.08	3/4	3,907.79	3/4	3,715.46	3/4	3,522.88	3/4	3,206.27	3/4	2,847.78	3/4	2,488.21	3/4	2,128.44		
8	8	4,248.43	8	4,084.50	8	3,903.83	8	3,711.45	8	3,518.86	8	3,198.83	8	2,840.30	8	2,480.72	8	2,120.95		
1/4	1/4	4,244.47	1/4	4,080.92	1/4	3,899.86	1/4	3,707.44	1/4	3,514.85	1/4	3,191.38	1/4	2,832.82	1/4	2,473.22	1/4	2,113.45		
1/2	1/2	4,240.51	1/2	4,077.34	1/2	3,895.90	1/2	3,703.42	1/2	3,510.84	1/2	3,183.93	1/2	2,825.34	1/2	2,465.73	1/2	2,105.96		
3/4	3/4	4,236.55	3/4	4,073.76	3/4	3,891.93	3/4	3,699.41	3/4	3,506.83	3/4	3,176.49	3/4	2,817.86	3/4	2,458.23	3/4	2,098.46		
9	9	4,233.34	9	4,070.15	9	3,887.94	9	3,695.40	9	3,502.81	9	3,169.04	9	2,810.38	9	2,450.74	9	2,090.97		
1/4	1/4	4,230.13	1/4	4,066.54	1/4	3,883.94	1/4	3,691.39	1/4	3,498.80	1/4	3,161.59	1/4	2,802.89	1/4	2,443.24	1/4	2,083.47		
1/2	1/2	4,226.92	1/2	4,062.92	1/2	3,879.95	1/2	3,687.38	1/2	3,494.79	1/2	3,154.15	1/2	2,795.41	1/2	2,435.75	1/2	2,075.98		
3/4	3/4	4,223.70	3/4	4,059.31	3/4	3,875.95	3/4	3,683.36	3/4	3,490.78	3/4	3,146.70	3/4	2,787.93	3/4	2,428.25	3/4	2,068.48		
10	10	4,220.46	10	4,055.67	10	3,871.94	10	3,679.35	10	3,486.77	10	3,139.25	10	2,780.45	10	2,420.76	10	2,060.99		
1/4	1/4	4,217.21	1/4	4,052.02	1/4	3,867.93	1/4	3,675.34	1/4	3,482.75	1/4	3,131.81	1/4	2,772.97	1/4	2,413.26	1/4	2,053.49		
1/2	1/2	4,213.97	1/2	4,048.38	1/2	3,863.91	1/2	3,671.33	1/2	3,478.74	1/2	3,124.36	1/2	2,765.49	1/2	2,405.77	1/2	2,046.00		
3/4	3/4	4,210.72	3/4	4,044.74	3/4	3,859.90	3/4	3,667.31	3/4	3,474.73	3/4	3,116.91	3/4	2,758.01	3/4	2,398.27	3/4	2,038.50		
11	11	4,207.45	11	4,041.06	11	3,855.89	11	3,663.30	11	3,467.27	11	3,109.43	11	2,750.51	11	2,390.78	11	2,031.01		
1/4	1/4	4,204.17	1/4	4,037.38	1/4	3,851.88	1/4	3,659.29	1/4	3,459.80	1/4	3,101.95	1/4	2,743.02	1/4	2,383.28	1/4	2,023.51		
1/2	1/2	4,200.89	1/2	4,033.71	1/2	3,847.86	1/2	3,655.28	1/2	3,452.34	1/2	3,094.47	1/2	2,735.52	1/2	2,375.79	1/2	2,016.02		
3/4	3/4	4,364.14	3/4	4,197.61	3/4	4,030.03	3/4	3,843.85	3/4	3,651.27	3/4	3,444.88	3/4	3,086.99	3/4	2,728.03	3/4	2,368.29	3/4	2,008.52

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 55'-03" FORWARD OF AFT BULKHEAD

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



# BARGE "PTC 2002"

## 3 STBD

### ULLAGE TABLE HERMETIC

#### GAUGE HEIGHT 15'-07 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,001.02	0	1,641.18	0	1,282.87	0	934.03	0	586.69	0	226.73	0		0		0		0	
1/4	1,993.53	1/4	1,633.68	1/4	1,275.44	1/4	926.87	1/4	579.19	1/4	219.23	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,986.03	1/2	1,626.18	1/2	1,268.00	1/2	919.71	1/2	571.69	1/2	211.73	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,978.53	3/4	1,618.69	3/4	1,260.57	3/4	912.55	3/4	564.19	3/4	204.23	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,971.04	1	1,611.19	1	1,253.13	1	905.39	1	556.69	1	196.73	1	1	1	1	1	1	1	1
1/4	1,963.54	1/4	1,603.69	1/4	1,245.70	1/4	898.22	1/4	549.19	1/4	189.23	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,956.04	1/2	1,596.20	1/2	1,238.26	1/2	891.06	1/2	541.69	1/2	181.74	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,948.55	3/4	1,588.70	3/4	1,230.83	3/4	883.89	3/4	534.19	3/4	174.24	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,941.05	2	1,581.20	2	1,223.41	2	876.71	2	526.69	2	166.74	2	2	2	2	2	2	2	2
1/4	1,933.55	1/4	1,573.71	1/4	1,215.99	1/4	869.52	1/4	519.19	1/4	159.24	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,926.06	1/2	1,566.21	1/2	1,208.57	1/2	862.33	1/2	511.70	1/2	151.74	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,918.56	3/4	1,558.71	3/4	1,201.15	3/4	855.15	3/4	504.20	3/4	144.24	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,911.06	3	1,551.22	3	1,193.74	3	847.96	3	496.70	3	136.75	3	3	3	3	3	3	3	3
1/4	1,903.57	1/4	1,543.72	1/4	1,186.32	1/4	840.77	1/4	489.20	1/4	129.25	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,896.07	1/2	1,536.22	1/2	1,178.91	1/2	833.59	1/2	481.70	1/2	121.75	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,888.57	3/4	1,528.73	3/4	1,171.49	3/4	826.40	3/4	474.20	3/4	114.26	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,881.08	4	1,521.23	4	1,164.05	4	819.18	4	466.70	4	106.79	4	4	4	4	4	4	4	4
1/4	1,873.58	1/4	1,513.73	1/4	1,156.60	1/4	811.97	1/4	459.20	1/4	99.33	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,866.08	1/2	1,506.24	1/2	1,149.15	1/2	804.75	1/2	451.70	1/2	91.86	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,858.59	3/4	1,498.74	3/4	1,141.71	3/4	797.54	3/4	444.20	3/4	84.40	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,851.09	5	1,491.24	5	1,134.55	5	790.04	5	436.70	5	77.54	5	5	5	5	5	5	5	5
1/4	1,843.59	1/4	1,483.75	1/4	1,127.39	1/4	782.54	1/4	429.21	1/4	70.67	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,836.10	1/2	1,476.25	1/2	1,120.23	1/2	775.04	1/2	421.71	1/2	63.81	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,828.60	3/4	1,468.75	3/4	1,113.06	3/4	767.54	3/4	414.21	3/4	56.95	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,821.10	6	1,461.32	6	1,105.90	6	760.04	6	406.71	6	52.16	6	6	6	6	6	6	6	6
1/4	1,813.60	1/4	1,453.88	1/4	1,098.74	1/4	752.54	1/4	399.21	1/4	47.36	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,806.11	1/2	1,446.45	1/2	1,091.58	1/2	745.05	1/2	391.71	1/2	42.57	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,798.61	3/4	1,439.01	3/4	1,084.42	3/4	737.55	3/4	384.21	3/4	37.77	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,791.11	7	1,431.58	7	1,077.26	7	730.05	7	376.71	7	34.22	7	7	7	7	7	7	7	7
1/4	1,783.62	1/4	1,424.14	1/4	1,070.10	1/4	722.55	1/4	369.21	1/4	30.67	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,776.12	1/2	1,416.71	1/2	1,062.94	1/2	715.05	1/2	361.71	1/2	27.11	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,768.62	3/4	1,409.27	3/4	1,055.77	3/4	707.55	3/4	354.21	3/4	23.56	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,761.13	8	1,401.84	8	1,048.61	8	700.05	8	346.72	8		8	8	8	8	8	8	8	8
1/4	1,753.63	1/4	1,394.40	1/4	1,041.45	1/4	692.55	1/4	339.22	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,746.13	1/2	1,386.97	1/2	1,034.29	1/2	685.05	1/2	331.72	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,738.64	3/4	1,379.53	3/4	1,027.13	3/4	677.56	3/4	324.22	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,731.14	9	1,372.10	9	1,019.97	9	670.06	9	316.72	9		9	9	9	9	9	9	9	9
1/4	1,723.64	1/4	1,364.66	1/4	1,012.81	1/4	662.56	1/4	309.22	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,716.15	1/2	1,357.23	1/2	1,005.65	1/2	655.06	1/2	301.72	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,708.65	3/4	1,349.79	3/4	998.48	3/4	647.56	3/4	294.22	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,701.15	10	1,342.36	10	991.32	10	640.89	10	286.72	10		10	10	10	10	10	10	10	10
1/4	1,693.66	1/4	1,334.92	1/4	984.16	1/4	634.22	1/4	279.22	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,686.16	1/2	1,327.48	1/2	977.00	1/2	627.54	1/2	271.72	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,678.66	3/4	1,320.05	3/4	969.84	3/4	620.87	3/4	264.23	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,671.17	11	1,312.61	11	962.68	11	614.20	11	256.73	11		11	11	11	11	11	11	11	11
1/4	1,663.67	1/4	1,305.18	1/4	955.52	1/4	607.53	1/4	249.23	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,656.17	1/2	1,297.74	1/2	948.36	1/2	600.86	1/2	241.73	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,648.68	3/4	1,290.31	3/4	941.20	3/4	594.19	3/4	234.23	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: 09/15/2020 JS  
CALCULATED: 09/16/2020 CL  
PRINTED: 09/16/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2020

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