



# BARGE CTC29108

## INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 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
1 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
2 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
2 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
3 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8
3 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8

(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 00-1/2"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 1/2"

LENGTH BETWEEN DRAFT MARKS: 237'-03"

July 9, 2021

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE CTC29108

# 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 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	10.16	0	260.02	0	542.12	0	846.51	0	1,172.92	0	1,504.41	0	1,835.90	0	2,167.33	0	2,498.70	0	2,830.06
1/4	13.49	1/4	265.68	1/4	548.23	1/4	853.12	1/4	1,179.83	1/4	1,511.32	1/4	1,842.81	1/4	2,174.24	1/4	2,505.60	1/4	2,836.96
1/2	16.82	1/2	271.34	1/2	554.34	1/2	859.73	1/2	1,186.73	1/2	1,518.22	1/2	1,849.72	1/2	2,181.14	1/2	2,512.50	1/2	2,843.87
3/4	20.15	3/4	277.01	3/4	560.46	3/4	866.34	3/4	1,193.64	3/4	1,525.13	3/4	1,856.62	3/4	2,188.04	3/4	2,519.41	3/4	2,850.77
1	23.47	1	282.67	1	566.57	1	872.96	1	1,200.54	1	1,532.04	1	1,863.53	1	2,194.95	1	2,525.31	1	2,857.67
1/4	28.13	1/4	288.37	1/4	572.72	1/4	879.60	1/4	1,207.45	1/4	1,538.94	1/4	1,870.44	1/4	2,201.85	1/4	2,533.21	1/4	2,864.58
1/2	32.79	1/2	294.07	1/2	578.88	1/2	886.25	1/2	1,214.36	1/2	1,545.85	1/2	1,877.34	1/2	2,208.75	1/2	2,540.12	1/2	2,871.48
3/4	37.44	3/4	299.77	3/4	585.03	3/4	892.90	3/4	1,221.26	3/4	1,552.75	3/4	1,884.25	3/4	2,215.66	3/4	2,547.02	3/4	2,878.38
2	42.10	2	305.47	2	591.18	2	899.55	2	1,228.17	2	1,559.66	2	1,891.15	2	2,222.56	2	2,553.92	2	2,885.29
1/4	47.37	1/4	311.21	1/4	597.38	1/4	906.24	1/4	1,235.07	1/4	1,566.57	1/4	1,898.06	1/4	2,229.46	1/4	2,560.83	1/4	2,892.19
1/2	52.64	1/2	316.95	1/2	603.57	1/2	912.93	1/2	1,241.98	1/2	1,573.47	1/2	1,904.97	1/2	2,236.37	1/2	2,567.73	1/2	2,899.09
3/4	57.91	3/4	322.69	3/4	609.77	3/4	919.62	3/4	1,248.89	3/4	1,580.38	3/4	1,911.87	3/4	2,243.27	3/4	2,574.63	3/4	2,906.00
3	63.18	3	328.42	3	615.96	3	926.31	3	1,255.79	3	1,587.29	3	1,918.78	3	2,250.18	3	2,581.54	3	2,912.90
1/4	68.49	1/4	334.21	1/4	622.20	1/4	933.04	1/4	1,262.70	1/4	1,594.19	1/4	1,925.68	1/4	2,257.08	1/4	2,588.44	1/4	2,919.80
1/2	73.80	1/2	339.99	1/2	628.43	1/2	939.77	1/2	1,269.60	1/2	1,601.10	1/2	1,932.59	1/2	2,263.98	1/2	2,595.35	1/2	2,926.71
3/4	79.11	3/4	345.77	3/4	634.66	3/4	946.50	3/4	1,276.51	3/4	1,608.00	3/4	1,939.50	3/4	2,270.89	3/4	2,602.25	3/4	2,933.61
4	84.42	4	351.55	4	640.90	4	953.23	4	1,283.42	4	1,614.91	4	1,946.40	4	2,277.79	4	2,609.15	4	2,940.52
1/4	89.77	1/4	357.37	1/4	647.17	1/4	959.99	1/4	1,290.32	1/4	1,621.82	1/4	1,953.31	1/4	2,284.69	1/4	2,616.06	1/4	2,947.42
1/2	95.12	1/2	363.20	1/2	653.44	1/2	966.76	1/2	1,297.23	1/2	1,628.72	1/2	1,960.21	1/2	2,291.60	1/2	2,622.96	1/2	2,954.32
3/4	100.47	3/4	369.02	3/4	659.72	3/4	973.53	3/4	1,304.13	3/4	1,635.63	3/4	1,967.12	3/4	2,298.50	3/4	2,629.86	3/4	2,961.23
5	105.82	5	374.84	5	665.99	5	980.30	5	1,311.04	5	1,642.53	5	1,974.03	5	2,305.40	5	2,636.77	5	2,968.13
1/4	111.21	1/4	380.70	1/4	672.30	1/4	987.11	1/4	1,317.95	1/4	1,649.44	1/4	1,980.93	1/4	2,312.31	1/4	2,643.67	1/4	2,975.03
1/2	116.60	1/2	386.56	1/2	678.62	1/2	993.91	1/2	1,324.85	1/2	1,656.35	1/2	1,987.84	1/2	2,319.21	1/2	2,650.57	1/2	2,981.94
3/4	121.98	3/4	392.42	3/4	684.93	3/4	1,000.72	3/4	1,331.76	3/4	1,663.25	3/4	1,994.74	3/4	2,326.11	3/4	2,657.48	3/4	2,988.84
6	127.37	6	398.29	6	691.24	6	1,007.53	6	1,338.67	6	1,670.16	6	2,001.65	6	2,333.02	6	2,664.38	6	2,995.74
1/4	132.80	1/4	404.19	1/4	697.60	1/4	1,014.38	1/4	1,345.57	1/4	1,677.06	1/4	2,008.56	1/4	2,339.92	1/4	2,671.28	1/4	3,002.65
1/2	138.23	1/2	410.09	1/2	703.96	1/2	1,021.22	1/2	1,352.48	1/2	1,683.97	1/2	2,015.46	1/2	2,346.82	1/2	2,678.19	1/2	3,009.55
3/4	143.66	3/4	415.99	3/4	710.32	3/4	1,028.07	3/4	1,359.38	3/4	1,690.88	3/4	2,022.37	3/4	2,353.73	3/4	2,685.09	3/4	3,016.45
7	149.09	7	421.89	7	716.68	7	1,034.92	7	1,366.29	7	1,697.78	7	2,029.28	7	2,360.63	7	2,691.99	7	3,023.36
1/4	154.55	1/4	427.83	1/4	723.09	1/4	1,041.80	1/4	1,373.20	1/4	1,704.69	1/4	2,036.18	1/4	2,367.53	1/4	2,698.90	1/4	3,030.26
1/2	160.02	1/2	433.77	1/2	729.50	1/2	1,048.68	1/2	1,380.10	1/2	1,711.59	1/2	2,043.08	1/2	2,374.44	1/2	2,705.80	1/2	3,037.16
3/4	165.49	3/4	439.71	3/4	735.91	3/4	1,055.56	3/4	1,387.01	3/4	1,718.50	3/4	2,049.98	3/4	2,381.34	3/4	2,712.70	3/4	3,044.06
8	170.96	8	445.65	8	742.32	8	1,062.44	8	1,393.91	8	1,725.41	8	2,056.88	8	2,388.24	8	2,719.61	8	3,050.97
1/4	176.46	1/4	451.63	1/4	748.78	1/4	1,069.34	1/4	1,400.82	1/4	1,732.31	1/4	2,063.78	1/4	2,395.15	1/4	2,726.51	1/4	3,057.87
1/2	181.97	1/2	457.61	1/2	755.23	1/2	1,076.24	1/2	1,407.73	1/2	1,739.22	1/2	2,070.69	1/2	2,402.05	1/2	2,733.41	1/2	3,064.77
3/4	187.48	3/4	463.59	3/4	761.68	3/4	1,083.14	3/4	1,414.63	3/4	1,746.13	3/4	2,077.59	3/4	2,408.95	3/4	2,740.32	3/4	3,071.68
9	192.99	9	469.57	9	768.13	9	1,090.05	9	1,421.54	9	1,753.03	9	2,084.49	9	2,415.86	9	2,747.22	9	3,078.58
1/4	198.53	1/4	475.59	1/4	774.63	1/4	1,096.95	1/4	1,428.44	1/4	1,759.94	1/4	2,091.40	1/4	2,422.76	1/4	2,754.12	1/4	3,085.48
1/2	204.08	1/2	481.61	1/2	781.12	1/2	1,103.86	1/2	1,435.35	1/2	1,766.84	1/2	2,098.30	1/2	2,429.66	1/2	2,761.03	1/2	3,092.39
3/4	209.63	3/4	487.62	3/4	787.61	3/4	1,110.76	3/4	1,442.26	3/4	1,773.75	3/4	2,105.20	3/4	2,436.57	3/4	2,767.93	3/4	3,099.29
10	215.17	10	493.64	10	794.10	10	1,117.67	10	1,449.16	10	1,780.66	10	2,112.11	10	2,443.47	10	2,774.83	10	3,106.19
1/4	220.76	1/4	499.68	1/4	800.63	1/4	1,124.58	1/4	1,456.07	1/4	1,787.56	1/4	2,119.01	1/4	2,450.37	1/4	2,781.74	1/4	3,113.10
1/2	226.34	1/2	505.73	1/2	807.17	1/2	1,131.48	1/2	1,462.98	1/2	1,794.47	1/2	2,125.91	1/2	2,457.28	1/2	2,788.64	1/2	3,120.00
3/4	231.93	3/4	511.77	3/4	813.70	3/4	1,138.39	3/4	1,469.88	3/4	1,801.37	3/4	2,132.82	3/4	2,464.18	3/4	2,795.54	3/4	3,126.90
11	237.52	11	517.82	11	820.23	11	1,145.29	11	1,476.79	11	1,808.28	11	2,139.72	11	2,471.08	11	2,802.45	11	3,133.81
1/4	243.14	1/4	523.89	1/4	826.80	1/4	1,152.20	1/4	1,483.69	1/4	1,815.19	1/4	2,146.62	1/4	2,477.99	1/4	2,809.35	1/4	3,140.71
1/2	248.77	1/2	529.97	1/2	833.37	1/2	1,159.11	1/2	1,490.60	1/2	1,822.09	1/2	2,153.53	1/2	2,484.89	1/2	2,816.25	1/2	3,147.61
3/4	254.39	3/4	536.04	3/4	839.94	3/4	1,166.01	3/4	1,497.51	3/4	1,829.00	3/4	2,160.43	3/4	2,491.79	3/4	2,823.16	3/4	3,154.52

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 44'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
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# BARGE CTC29108

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,161.42	0	3,492.78	0	3,822.80	0	4,139.76	0	4,440.26	0		0		0		0		0	
1/4	3,168.32	1/4	3,499.68	1/4	3,829.56	1/4	4,146.16	1/4	4,446.55	1/4		1/4		1/4		1/4		1/4	
1/2	3,175.23	1/2	3,506.59	1/2	3,836.32	1/2	4,152.57	1/2	4,452.84	1/2		1/2		1/2		1/2		1/2	
3/4	3,182.13	3/4	3,513.49	3/4	3,843.08	3/4	4,158.97	3/4	4,459.13	3/4		3/4		3/4		3/4		3/4	
1	3,189.03	1	3,520.39	1	3,849.83	1	4,165.37	1	4,465.42	1		1		1		1		1	
1/4	3,195.94	1/4	3,527.30	1/4	3,856.57	1/4	4,171.75	1/4	4,472.09	1/4		1/4		1/4		1/4		1/4	
1/2	3,202.84	1/2	3,534.20	1/2	3,863.30	1/2	4,178.13	1/2	4,478.76	1/2		1/2		1/2		1/2		1/2	
3/4	3,209.74	3/4	3,541.10	3/4	3,870.03	3/4	4,184.51	3/4	4,485.43	3/4		3/4		3/4		3/4		3/4	
2	3,216.65	2	3,548.01	2	3,876.77	2	4,190.89	2	4,492.10	2		2		2		2		2	
1/4	3,223.55	1/4	3,554.91	1/4	3,883.47	1/4	4,197.24	1/4	4,498.96	1/4		1/4		1/4		1/4		1/4	
1/2	3,230.45	1/2	3,561.81	1/2	3,890.18	1/2	4,203.59	1/2	4,505.83	1/2		1/2		1/2		1/2		1/2	
3/4	3,237.36	3/4	3,568.72	3/4	3,896.89	3/4	4,209.95	3/4	4,512.69	3/4		3/4		3/4		3/4		3/4	
3	3,244.26	3	3,575.62	3	3,903.59	3	4,216.30	3	4,519.55	3		3		3		3		3	
1/4	3,251.16	1/4	3,582.52	1/4	3,910.27	1/4	4,222.62	1/4	4,526.33	1/4		1/4		1/4		1/4		1/4	
1/2	3,258.07	1/2	3,589.43	1/2	3,916.95	1/2	4,228.95	1/2	4,533.11	1/2		1/2		1/2		1/2		1/2	
3/4	3,264.97	3/4	3,596.33	3/4	3,923.63	3/4	4,235.28	3/4	4,539.89	3/4		3/4		3/4		3/4		3/4	
4	3,271.87	4	3,603.23	4	3,930.31	4	4,241.60	4	4,546.66	4		4		4		4		4	
1/4	3,278.78	1/4	3,610.14	1/4	3,936.97	1/4	4,247.90	1/4	4,552.75	1/4		1/4		1/4		1/4		1/4	
1/2	3,285.68	1/2	3,617.04	1/2	3,943.62	1/2	4,254.20	1/2	4,558.84	1/2		1/2		1/2		1/2		1/2	
3/4	3,292.58	3/4	3,623.94	3/4	3,950.28	3/4	4,260.50	3/4	4,564.92	3/4		3/4		3/4		3/4		3/4	
5	3,299.49	5	3,630.85	5	3,956.93	5	4,266.80	5	4,571.01	5		5		5		5		5	
1/4	3,306.39	1/4	3,637.75	1/4	3,963.56	1/4	4,273.07	1/4	4,575.80	1/4		1/4		1/4		1/4		1/4	
1/2	3,313.29	1/2	3,644.65	1/2	3,970.19	1/2	4,279.35	1/2	4,580.59	1/2		1/2		1/2		1/2		1/2	
3/4	3,320.20	3/4	3,651.56	3/4	3,976.82	3/4	4,285.62	3/4	4,585.38	3/4		3/4		3/4		3/4		3/4	
6	3,327.10	6	3,658.46	6	3,983.44	6	4,291.90	6	4,590.17	6		6		6		6		6	
1/4	3,334.00	1/4	3,665.36	1/4	3,990.04	1/4	4,298.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,340.91	1/2	3,672.26	1/2	3,996.65	1/2	4,304.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,347.81	3/4	3,679.16	3/4	4,003.25	3/4	4,310.64	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,354.71	7	3,686.06	7	4,009.85	7	4,316.88	7		7		7		7		7		7	
1/4	3,361.62	1/4	3,692.94	1/4	4,016.43	1/4	4,323.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,368.52	1/2	3,699.83	1/2	4,023.00	1/2	4,329.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,375.42	3/4	3,706.72	3/4	4,029.58	3/4	4,335.55	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,382.33	8	3,713.60	8	4,036.15	8	4,341.77	8		8		8		8		8		8	
1/4	3,389.23	1/4	3,720.47	1/4	4,042.68	1/4	4,347.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,396.13	1/2	3,727.33	1/2	4,049.21	1/2	4,354.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,403.04	3/4	3,734.20	3/4	4,055.74	3/4	4,360.35	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,409.94	9	3,741.06	9	4,062.27	9	4,366.55	9		9		9		9		9		9	
1/4	3,416.84	1/4	3,747.90	1/4	4,068.75	1/4	4,372.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,423.75	1/2	3,754.74	1/2	4,075.24	1/2	4,378.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,430.65	3/4	3,761.57	3/4	4,081.72	3/4	4,385.06	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,437.55	10	3,768.41	10	4,088.20	10	4,391.22	10		10		10		10		10		10	
1/4	3,444.46	1/4	3,775.22	1/4	4,094.66	1/4	4,397.37	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,451.36	1/2	3,782.03	1/2	4,101.12	1/2	4,403.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,458.26	3/4	3,788.85	3/4	4,107.58	3/4	4,409.65	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,465.17	11	3,795.66	11	4,114.03	11	4,415.79	11		11		11		11		11		11	
1/4	3,472.07	1/4	3,802.44	1/4	4,120.46	1/4	4,421.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,478.97	1/2	3,809.23	1/2	4,126.89	1/2	4,428.03	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,485.88	3/4	3,816.01	3/4	4,133.32	3/4	4,434.14	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/09/2021 JS  
CALCULATED: 07/09/2021 CL  
PRINTED: 07/09/2021 JS

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2021



# BARGE CTC29108

# 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	10.13	0	259.08	0	540.18	0	843.05	0	1,167.77	0	1,498.12	0	1,828.47	0	2,158.78	0	2,489.01	0	2,819.23
1/4	13.44	1/4	264.72	1/4	546.27	1/4	849.61	1/4	1,174.66	1/4	1,505.01	1/4	1,835.36	1/4	2,165.66	1/4	2,495.89	1/4	2,826.11
1/2	16.76	1/2	270.36	1/2	552.36	1/2	856.18	1/2	1,181.54	1/2	1,511.89	1/2	1,842.24	1/2	2,172.54	1/2	2,502.77	1/2	2,832.99
3/4	20.07	3/4	276.01	3/4	558.45	3/4	862.74	3/4	1,188.42	3/4	1,518.77	3/4	1,849.12	3/4	2,179.42	3/4	2,509.65	3/4	2,839.87
1	23.39	1	281.65	1	564.54	1	869.31	1	1,195.30	1	1,525.65	1	1,856.00	1	2,186.30	1	2,516.53	1	2,846.75
1/4	28.03	1/4	287.33	1/4	570.68	1/4	875.92	1/4	1,202.19	1/4	1,532.54	1/4	1,862.89	1/4	2,193.18	1/4	2,523.41	1/4	2,853.63
1/2	32.67	1/2	293.01	1/2	576.81	1/2	882.52	1/2	1,209.07	1/2	1,539.42	1/2	1,869.77	1/2	2,200.06	1/2	2,530.28	1/2	2,860.51
3/4	37.31	3/4	298.69	3/4	582.94	3/4	889.13	3/4	1,215.95	3/4	1,546.30	3/4	1,876.65	3/4	2,206.94	3/4	2,537.16	3/4	2,867.39
2	41.94	2	304.37	2	589.07	2	895.73	2	1,222.83	2	1,553.18	2	1,883.53	2	2,213.82	2	2,544.04	2	2,874.27
1/4	47.20	1/4	310.09	1/4	595.25	1/4	902.38	1/4	1,229.71	1/4	1,560.07	1/4	1,890.42	1/4	2,220.70	1/4	2,550.92	1/4	2,881.15
1/2	52.45	1/2	315.81	1/2	601.42	1/2	909.02	1/2	1,236.60	1/2	1,566.95	1/2	1,897.30	1/2	2,227.58	1/2	2,557.80	1/2	2,888.03
3/4	57.70	3/4	321.52	3/4	607.59	3/4	915.67	3/4	1,243.48	3/4	1,573.83	3/4	1,904.18	3/4	2,234.46	3/4	2,564.68	3/4	2,894.91
3	62.95	3	327.24	3	613.77	3	922.31	3	1,250.36	3	1,580.71	3	1,911.06	3	2,241.34	3	2,571.56	3	2,901.79
1/4	68.24	1/4	333.00	1/4	619.98	1/4	929.00	1/4	1,257.24	1/4	1,587.59	1/4	1,917.94	1/4	2,248.22	1/4	2,578.44	1/4	2,908.67
1/2	73.53	1/2	338.76	1/2	626.19	1/2	935.68	1/2	1,264.13	1/2	1,594.48	1/2	1,924.83	1/2	2,255.10	1/2	2,585.32	1/2	2,915.55
3/4	78.82	3/4	344.53	3/4	632.40	3/4	942.37	3/4	1,271.01	3/4	1,601.36	3/4	1,931.71	3/4	2,261.98	3/4	2,592.20	3/4	2,922.43
4	84.11	4	350.29	4	638.61	4	949.05	4	1,277.89	4	1,608.24	4	1,938.59	4	2,268.86	4	2,599.08	4	2,929.31
1/4	89.44	1/4	356.09	1/4	644.87	1/4	955.77	1/4	1,284.77	1/4	1,615.12	1/4	1,945.47	1/4	2,275.74	1/4	2,605.96	1/4	2,936.19
1/2	94.77	1/2	361.89	1/2	651.12	1/2	962.50	1/2	1,291.66	1/2	1,622.01	1/2	1,952.36	1/2	2,282.62	1/2	2,612.84	1/2	2,943.07
3/4	100.10	3/4	367.69	3/4	657.37	3/4	969.22	3/4	1,298.54	3/4	1,628.89	3/4	1,959.24	3/4	2,289.50	3/4	2,619.72	3/4	2,949.95
5	105.43	5	373.49	5	663.62	5	975.94	5	1,305.42	5	1,635.77	5	1,966.12	5	2,296.37	5	2,626.60	5	2,956.83
1/4	110.80	1/4	379.33	1/4	669.91	1/4	982.71	1/4	1,312.30	1/4	1,642.65	1/4	1,973.00	1/4	2,303.25	1/4	2,633.48	1/4	2,963.71
1/2	116.17	1/2	385.17	1/2	676.20	1/2	989.47	1/2	1,319.18	1/2	1,649.54	1/2	1,979.89	1/2	2,310.13	1/2	2,640.36	1/2	2,970.59
3/4	121.54	3/4	391.02	3/4	682.49	3/4	996.23	3/4	1,326.07	3/4	1,656.42	3/4	1,986.77	3/4	2,317.01	3/4	2,647.24	3/4	2,977.47
6	126.91	6	396.86	6	688.78	6	1,002.99	6	1,332.95	6	1,663.30	6	1,993.65	6	2,323.89	6	2,654.12	6	2,984.35
1/4	132.32	1/4	402.74	1/4	695.11	1/4	1,009.81	1/4	1,339.83	1/4	1,670.18	1/4	2,000.53	1/4	2,330.77	1/4	2,661.00	1/4	2,991.23
1/2	137.73	1/2	408.62	1/2	701.44	1/2	1,016.62	1/2	1,346.71	1/2	1,677.06	1/2	2,007.41	1/2	2,337.65	1/2	2,667.88	1/2	2,998.11
3/4	143.14	3/4	414.50	3/4	707.76	3/4	1,023.43	3/4	1,353.60	3/4	1,683.95	3/4	2,014.30	3/4	2,344.53	3/4	2,674.76	3/4	3,004.99
7	148.55	7	420.38	7	714.09	7	1,030.25	7	1,360.48	7	1,690.83	7	2,021.18	7	2,351.41	7	2,681.64	7	3,011.87
1/4	153.99	1/4	426.30	1/4	720.46	1/4	1,037.10	1/4	1,367.36	1/4	1,697.71	1/4	2,028.06	1/4	2,358.29	1/4	2,688.52	1/4	3,018.75
1/2	159.44	1/2	432.22	1/2	726.82	1/2	1,043.96	1/2	1,374.24	1/2	1,704.59	1/2	2,034.94	1/2	2,365.17	1/2	2,695.40	1/2	3,025.63
3/4	164.89	3/4	438.14	3/4	733.19	3/4	1,050.82	3/4	1,381.13	3/4	1,711.48	3/4	2,041.82	3/4	2,372.05	3/4	2,702.28	3/4	3,032.51
8	170.34	8	444.06	8	739.56	8	1,057.68	8	1,388.01	8	1,718.36	8	2,048.71	8	2,378.93	8	2,709.16	8	3,039.39
1/4	175.83	1/4	450.02	1/4	745.97	1/4	1,064.55	1/4	1,394.89	1/4	1,725.24	1/4	2,055.59	1/4	2,385.81	1/4	2,716.04	1/4	3,046.27
1/2	181.31	1/2	455.97	1/2	752.38	1/2	1,071.43	1/2	1,401.77	1/2	1,732.12	1/2	2,062.47	1/2	2,392.69	1/2	2,722.92	1/2	3,053.14
3/4	186.80	3/4	461.93	3/4	758.78	3/4	1,078.31	3/4	1,408.65	3/4	1,739.01	3/4	2,069.34	3/4	2,399.57	3/4	2,729.80	3/4	3,060.02
9	192.29	9	467.89	9	765.19	9	1,085.19	9	1,415.54	9	1,745.89	9	2,076.22	9	2,406.45	9	2,736.68	9	3,066.90
1/4	197.81	1/4	473.89	1/4	771.64	1/4	1,092.07	1/4	1,422.42	1/4	1,752.77	1/4	2,083.10	1/4	2,413.33	1/4	2,743.56	1/4	3,073.78
1/2	203.34	1/2	479.88	1/2	778.09	1/2	1,098.95	1/2	1,429.30	1/2	1,759.65	1/2	2,089.98	1/2	2,420.21	1/2	2,750.44	1/2	3,080.66
3/4	208.87	3/4	485.88	3/4	784.54	3/4	1,105.83	3/4	1,436.18	3/4	1,766.53	3/4	2,096.86	3/4	2,427.09	3/4	2,757.31	3/4	3,087.54
10	214.39	10	491.87	10	790.99	10	1,112.72	10	1,443.07	10	1,773.42	10	2,103.74	10	2,433.97	10	2,764.19	10	3,094.42
1/4	219.96	1/4	497.89	1/4	797.47	1/4	1,119.60	1/4	1,449.95	1/4	1,780.30	1/4	2,110.62	1/4	2,440.85	1/4	2,771.07	1/4	3,101.30
1/2	225.53	1/2	503.92	1/2	803.96	1/2	1,126.48	1/2	1,456.83	1/2	1,787.18	1/2	2,117.50	1/2	2,447.73	1/2	2,777.95	1/2	3,108.18
3/4	231.09	3/4	509.94	3/4	810.45	3/4	1,133.36	3/4	1,463.71	3/4	1,794.06	3/4	2,124.38	3/4	2,454.61	3/4	2,784.83	3/4	3,115.06
11	236.66	11	515.96	11	816.94	11	1,140.24	11	1,470.60	11	1,800.95	11	2,131.26	11	2,461.49	11	2,791.71	11	3,121.94
1/4	242.26	1/4	522.02	1/4	823.46	1/4	1,147.13	1/4	1,477.48	1/4	1,807.83	1/4	2,138.14	1/4	2,468.37	1/4	2,798.59	1/4	3,128.82
1/2	247.87	1/2	528.07	1/2	829.99	1/2	1,154.01	1/2	1,484.36	1/2	1,814.71	1/2	2,145.02	1/2	2,475.25	1/2	2,805.47	1/2	3,135.70
3/4	253.47	3/4	534.13	3/4	836.52	3/4	1,160.89	3/4	1,491.24	3/4	1,821.59	3/4	2,151.90	3/4	2,482.13	3/4	2,812.35	3/4	3,142.58

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 44'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE CTC29108

## 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,149.46	0	3,479.68	0	3,808.57	0	4,124.43	0	4,423.88	0		0		0		0		0	
1/4	3,156.34	1/4	3,486.56	1/4	3,815.30	1/4	4,130.81	1/4	4,430.15	1/4		1/4		1/4		1/4		1/4	
1/2	3,163.22	1/2	3,493.44	1/2	3,822.04	1/2	4,137.20	1/2	4,436.42	1/2		1/2		1/2		1/2		1/2	
3/4	3,170.10	3/4	3,500.32	3/4	3,828.78	3/4	4,143.58	3/4	4,442.69	3/4		3/4		3/4		3/4		3/4	
1	3,176.98	1	3,507.20	1	3,835.51	1	4,149.96	1	4,448.96	1		1		1		1		1	
1/4	3,183.86	1/4	3,514.08	1/4	3,842.22	1/4	4,156.32	1/4	4,455.60	1/4		1/4		1/4		1/4		1/4	
1/2	3,190.74	1/2	3,520.96	1/2	3,848.93	1/2	4,162.67	1/2	4,462.25	1/2		1/2		1/2		1/2		1/2	
3/4	3,197.62	3/4	3,527.84	3/4	3,855.64	3/4	4,169.03	3/4	4,468.90	3/4		3/4		3/4		3/4		3/4	
2	3,204.50	2	3,534.72	2	3,862.35	2	4,175.39	2	4,475.54	2		2		2		2		2	
1/4	3,211.38	1/4	3,541.60	1/4	3,869.03	1/4	4,181.72	1/4	4,482.38	1/4		1/4		1/4		1/4		1/4	
1/2	3,218.26	1/2	3,548.48	1/2	3,875.72	1/2	4,188.05	1/2	4,489.22	1/2		1/2		1/2		1/2		1/2	
3/4	3,225.13	3/4	3,555.36	3/4	3,882.40	3/4	4,194.38	3/4	4,496.06	3/4		3/4		3/4		3/4		3/4	
3	3,232.01	3	3,562.24	3	3,889.08	3	4,200.71	3	4,502.90	3		3		3		3		3	
1/4	3,238.89	1/4	3,569.11	1/4	3,895.74	1/4	4,207.01	1/4	4,509.66	1/4		1/4		1/4		1/4		1/4	
1/2	3,245.77	1/2	3,575.99	1/2	3,902.40	1/2	4,213.31	1/2	4,516.41	1/2		1/2		1/2		1/2		1/2	
3/4	3,252.65	3/4	3,582.87	3/4	3,909.06	3/4	4,219.62	3/4	4,523.17	3/4		3/4		3/4		3/4		3/4	
4	3,259.53	4	3,589.75	4	3,915.71	4	4,225.92	4	4,529.92	4		4		4		4		4	
1/4	3,266.41	1/4	3,596.63	1/4	3,922.35	1/4	4,232.20	1/4	4,535.98	1/4		1/4		1/4		1/4		1/4	
1/2	3,273.29	1/2	3,603.51	1/2	3,928.98	1/2	4,238.48	1/2	4,542.05	1/2		1/2		1/2		1/2		1/2	
3/4	3,280.17	3/4	3,610.39	3/4	3,935.61	3/4	4,244.76	3/4	4,548.12	3/4		3/4		3/4		3/4		3/4	
5	3,287.05	5	3,617.27	5	3,942.24	5	4,251.03	5	4,554.18	5		5		5		5		5	
1/4	3,293.93	1/4	3,624.15	1/4	3,948.84	1/4	4,257.28	1/4	4,558.96	1/4		1/4		1/4		1/4		1/4	
1/2	3,300.81	1/2	3,631.03	1/2	3,955.45	1/2	4,263.54	1/2	4,563.73	1/2		1/2		1/2		1/2		1/2	
3/4	3,307.69	3/4	3,637.91	3/4	3,962.05	3/4	4,269.79	3/4	4,568.51	3/4		3/4		3/4		3/4		3/4	
6	3,314.57	6	3,644.79	6	3,968.66	6	4,276.04	6	4,573.28	6		6		6		6		6	
1/4	3,321.45	1/4	3,651.67	1/4	3,975.24	1/4	4,282.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,328.33	1/2	3,658.54	1/2	3,981.82	1/2	4,288.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,335.21	3/4	3,665.42	3/4	3,988.40	3/4	4,294.72	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,342.09	7	3,672.30	7	3,994.98	7	4,300.94	7		7		7		7		7		7	
1/4	3,348.97	1/4	3,679.16	1/4	4,001.53	1/4	4,307.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,355.85	1/2	3,686.02	1/2	4,008.08	1/2	4,313.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,362.73	3/4	3,692.89	3/4	4,014.63	3/4	4,319.54	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,369.61	8	3,699.75	8	4,021.19	8	4,325.74	8		8		8		8		8		8	
1/4	3,376.49	1/4	3,706.59	1/4	4,027.69	1/4	4,331.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,383.37	1/2	3,713.43	1/2	4,034.20	1/2	4,338.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,390.25	3/4	3,720.27	3/4	4,040.71	3/4	4,344.26	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,397.12	9	3,727.11	9	4,047.21	9	4,350.43	9		9		9		9		9		9	
1/4	3,404.00	1/4	3,733.93	1/4	4,053.68	1/4	4,356.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,410.88	1/2	3,740.74	1/2	4,060.14	1/2	4,362.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,417.76	3/4	3,747.55	3/4	4,066.60	3/4	4,368.87	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,424.64	10	3,754.37	10	4,073.06	10	4,375.02	10		10		10		10		10		10	
1/4	3,431.52	1/4	3,761.16	1/4	4,079.49	1/4	4,381.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,438.40	1/2	3,767.94	1/2	4,085.93	1/2	4,387.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,445.28	3/4	3,774.73	3/4	4,092.36	3/4	4,393.38	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,452.16	11	3,781.52	11	4,098.80	11	4,399.50	11		11		11		11		11		11	
1/4	3,459.04	1/4	3,788.28	1/4	4,105.21	1/4	4,405.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,465.92	1/2	3,795.04	1/2	4,111.61	1/2	4,411.69	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,472.80	3/4	3,801.81	3/4	4,118.02	3/4	4,417.79	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/09/2021 JS  
CALCULATED: 07/09/2021 CL  
PRINTED: 07/09/2021 JS

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2021



# BARGE CTC29108

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 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	13.86	0	389.05	0	777.51	0	1,165.58	0	1,554.26	0	1,942.94	0	2,331.62	0	2,720.25	0	3,108.78	0	3,497.31
1/4	19.26	1/4	397.14	1/4	785.59	1/4	1,173.68	1/4	1,562.36	1/4	1,951.04	1/4	2,339.72	1/4	2,728.34	1/4	3,116.88	1/4	3,505.41
1/2	24.66	1/2	405.24	1/2	793.66	1/2	1,181.78	1/2	1,570.46	1/2	1,959.14	1/2	2,347.82	1/2	2,736.44	1/2	3,124.97	1/2	3,513.50
3/4	30.06	3/4	413.33	3/4	801.73	3/4	1,189.87	3/4	1,578.55	3/4	1,967.23	3/4	2,355.91	3/4	2,744.53	3/4	3,133.06	3/4	3,521.60
1	35.46	1	421.43	1	809.81	1	1,197.97	1	1,586.65	1	1,975.33	1	2,364.01	1	2,752.63	1	3,141.16	1	3,529.69
1/4	42.88	1/4	429.52	1/4	817.88	1/4	1,206.07	1/4	1,594.75	1/4	1,983.43	1/4	2,372.11	1/4	2,760.72	1/4	3,149.25	1/4	3,537.78
1/2	50.30	1/2	437.62	1/2	825.95	1/2	1,214.17	1/2	1,602.85	1/2	1,991.53	1/2	2,380.21	1/2	2,768.82	1/2	3,157.35	1/2	3,545.88
3/4	57.72	3/4	445.71	3/4	834.03	3/4	1,222.26	3/4	1,610.94	3/4	1,999.62	3/4	2,388.30	3/4	2,776.91	3/4	3,165.44	3/4	3,553.97
2	65.15	2	453.80	2	842.10	2	1,230.36	2	1,619.04	2	2,007.72	2	2,396.40	2	2,785.01	2	3,173.54	2	3,562.07
1/4	73.24	1/4	461.89	1/4	850.18	1/4	1,238.46	1/4	1,627.14	1/4	2,015.82	1/4	2,404.50	1/4	2,793.10	1/4	3,181.63	1/4	3,570.16
1/2	81.34	1/2	469.99	1/2	858.25	1/2	1,246.56	1/2	1,635.24	1/2	2,023.92	1/2	2,412.60	1/2	2,801.19	1/2	3,189.73	1/2	3,578.26
3/4	89.44	3/4	478.08	3/4	866.33	3/4	1,254.65	3/4	1,643.33	3/4	2,032.01	3/4	2,420.69	3/4	2,809.29	3/4	3,197.82	3/4	3,586.35
3	97.54	3	486.17	3	874.41	3	1,262.75	3	1,651.43	3	2,040.11	3	2,428.79	3	2,817.38	3	3,205.91	3	3,594.45
1/4	105.63	1/4	494.27	1/4	882.48	1/4	1,270.85	1/4	1,659.53	1/4	2,048.21	1/4	2,436.89	1/4	2,825.48	1/4	3,214.01	1/4	3,602.54
1/2	113.73	1/2	502.37	1/2	890.56	1/2	1,278.95	1/2	1,667.63	1/2	2,056.31	1/2	2,444.99	1/2	2,833.57	1/2	3,222.10	1/2	3,610.63
3/4	121.83	3/4	510.46	3/4	898.63	3/4	1,287.04	3/4	1,675.72	3/4	2,064.40	3/4	2,453.08	3/4	2,841.67	3/4	3,230.20	3/4	3,618.73
4	129.93	4	518.56	4	906.71	4	1,295.14	4	1,683.82	4	2,072.50	4	2,461.18	4	2,849.76	4	3,238.29	4	3,626.82
1/4	138.02	1/4	526.66	1/4	914.78	1/4	1,303.24	1/4	1,691.92	1/4	2,080.60	1/4	2,469.28	1/4	2,857.85	1/4	3,246.39	1/4	3,634.92
1/2	146.12	1/2	534.75	1/2	922.86	1/2	1,311.34	1/2	1,700.02	1/2	2,088.70	1/2	2,477.38	1/2	2,865.95	1/2	3,254.48	1/2	3,643.01
3/4	154.22	3/4	542.85	3/4	930.93	3/4	1,319.43	3/4	1,708.11	3/4	2,096.79	3/4	2,485.47	3/4	2,874.04	3/4	3,262.57	3/4	3,651.11
5	162.32	5	550.95	5	939.01	5	1,327.53	5	1,716.21	5	2,104.89	5	2,493.57	5	2,882.14	5	3,270.67	5	3,659.20
1/4	170.41	1/4	559.05	1/4	947.09	1/4	1,335.63	1/4	1,724.31	1/4	2,112.99	1/4	2,501.67	1/4	2,890.23	1/4	3,278.76	1/4	3,667.29
1/2	178.51	1/2	567.14	1/2	955.16	1/2	1,343.73	1/2	1,732.41	1/2	2,121.09	1/2	2,509.77	1/2	2,898.33	1/2	3,286.86	1/2	3,675.39
3/4	186.61	3/4	575.24	3/4	963.24	3/4	1,351.82	3/4	1,740.50	3/4	2,129.18	3/4	2,517.86	3/4	2,906.42	3/4	3,294.95	3/4	3,683.48
6	194.71	6	583.34	6	971.31	6	1,359.92	6	1,748.60	6	2,137.28	6	2,525.96	6	2,914.52	6	3,303.05	6	3,691.58
1/4	202.80	1/4	591.44	1/4	979.40	1/4	1,368.02	1/4	1,756.70	1/4	2,145.38	1/4	2,534.06	1/4	2,922.61	1/4	3,311.14	1/4	3,699.67
1/2	210.90	1/2	599.53	1/2	987.48	1/2	1,376.12	1/2	1,764.80	1/2	2,153.48	1/2	2,542.16	1/2	2,930.70	1/2	3,319.24	1/2	3,707.77
3/4	219.00	3/4	607.63	3/4	995.56	3/4	1,384.21	3/4	1,772.89	3/4	2,161.57	3/4	2,550.25	3/4	2,938.80	3/4	3,327.33	3/4	3,715.86
7	227.10	7	615.73	7	1,003.65	7	1,392.31	7	1,780.99	7	2,169.67	7	2,558.35	7	2,946.89	7	3,335.42	7	3,723.95
1/4	235.19	1/4	623.83	1/4	1,011.74	1/4	1,400.41	1/4	1,789.09	1/4	2,177.77	1/4	2,566.45	1/4	2,954.99	1/4	3,343.52	1/4	3,732.05
1/2	243.29	1/2	631.92	1/2	1,019.83	1/2	1,408.51	1/2	1,797.19	1/2	2,185.87	1/2	2,574.55	1/2	2,963.08	1/2	3,351.61	1/2	3,740.14
3/4	251.39	3/4	640.02	3/4	1,027.93	3/4	1,416.60	3/4	1,805.28	3/4	2,193.96	3/4	2,582.64	3/4	2,971.18	3/4	3,359.71	3/4	3,748.24
8	259.49	8	648.12	8	1,036.02	8	1,424.70	8	1,813.38	8	2,202.06	8	2,590.74	8	2,979.27	8	3,367.80	8	3,756.33
1/4	267.58	1/4	656.22	1/4	1,044.12	1/4	1,432.80	1/4	1,821.48	1/4	2,210.16	1/4	2,598.83	1/4	2,987.37	1/4	3,375.90	1/4	3,764.43
1/2	275.68	1/2	664.31	1/2	1,052.22	1/2	1,440.90	1/2	1,829.58	1/2	2,218.26	1/2	2,606.93	1/2	2,995.46	1/2	3,383.99	1/2	3,772.52
3/4	283.78	3/4	672.41	3/4	1,060.31	3/4	1,448.99	3/4	1,837.67	3/4	2,226.35	3/4	2,615.02	3/4	3,003.55	3/4	3,392.09	3/4	3,780.61
9	291.88	9	680.51	9	1,068.41	9	1,457.09	9	1,845.77	9	2,234.45	9	2,623.12	9	3,011.65	9	3,400.18	9	3,788.71
1/4	299.97	1/4	688.60	1/4	1,076.51	1/4	1,465.19	1/4	1,853.87	1/4	2,242.55	1/4	2,631.21	1/4	3,019.74	1/4	3,408.27	1/4	3,796.80
1/2	308.07	1/2	696.70	1/2	1,084.61	1/2	1,473.29	1/2	1,861.97	1/2	2,250.65	1/2	2,639.31	1/2	3,027.84	1/2	3,416.37	1/2	3,804.90
3/4	316.17	3/4	704.79	3/4	1,092.70	3/4	1,481.38	3/4	1,870.06	3/4	2,258.74	3/4	2,647.40	3/4	3,035.93	3/4	3,424.46	3/4	3,812.99
10	324.27	10	712.88	10	1,100.80	10	1,489.48	10	1,878.16	10	2,266.84	10	2,655.49	10	3,044.03	10	3,432.56	10	3,821.09
1/4	332.36	1/4	720.97	1/4	1,108.90	1/4	1,497.58	1/4	1,886.26	1/4	2,274.94	1/4	2,663.59	1/4	3,052.12	1/4	3,440.65	1/4	3,829.18
1/2	340.46	1/2	729.05	1/2	1,117.00	1/2	1,505.68	1/2	1,894.36	1/2	2,283.04	1/2	2,671.68	1/2	3,060.21	1/2	3,448.75	1/2	3,837.27
3/4	348.56	3/4	737.13	3/4	1,125.09	3/4	1,513.77	3/4	1,902.45	3/4	2,291.13	3/4	2,679.78	3/4	3,068.31	3/4	3,456.84	3/4	3,845.37
11	356.66	11	745.22	11	1,133.19	11	1,521.87	11	1,910.55	11	2,299.23	11	2,687.87	11	3,076.40	11	3,464.93	11	3,853.46
1/4	364.75	1/4	753.29	1/4	1,141.29	1/4	1,529.97	1/4	1,918.65	1/4	2,307.33	1/4	2,695.97	1/4	3,084.50	1/4	3,473.03	1/4	3,861.56
1/2	372.85	1/2	761.37	1/2	1,149.39	1/2	1,538.07	1/2	1,926.75	1/2	2,315.43	1/2	2,704.06	1/2	3,092.59	1/2	3,481.12	1/2	3,869.65
3/4	380.95	3/4	769.44	3/4	1,157.48	3/4	1,546.16	3/4	1,934.84	3/4	2,323.52	3/4	2,712.16	3/4	3,100.69	3/4	3,489.22	3/4	3,877.75

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 51'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE CTC29108

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,885.84	0	4,274.37	0	4,661.32	0	5,032.95	0	5,385.26	0		0		0		0		0	
1/4	3,893.93	1/4	4,282.46	1/4	4,669.25	1/4	5,040.46	1/4	5,392.63	1/4		1/4		1/4		1/4		1/4	
1/2	3,902.03	1/2	4,290.56	1/2	4,677.17	1/2	5,047.96	1/2	5,400.00	1/2		1/2		1/2		1/2		1/2	
3/4	3,910.12	3/4	4,298.65	3/4	4,685.10	3/4	5,055.47	3/4	5,407.38	3/4		3/4		3/4		3/4		3/4	
1	3,918.22	1	4,306.74	1	4,693.02	1	5,062.98	1	5,414.75	1		1		1		1		1	
1/4	3,926.31	1/4	4,314.84	1/4	4,700.91	1/4	5,070.46	1/4	5,422.57	1/4		1/4		1/4		1/4		1/4	
1/2	3,934.41	1/2	4,322.93	1/2	4,708.81	1/2	5,077.94	1/2	5,430.39	1/2		1/2		1/2		1/2		1/2	
3/4	3,942.50	3/4	4,331.03	3/4	4,716.70	3/4	5,085.42	3/4	5,438.21	3/4		3/4		3/4		3/4		3/4	
2	3,950.59	2	4,339.12	2	4,724.60	2	5,092.90	2	5,446.03	2		2		2		2		2	
1/4	3,958.69	1/4	4,347.22	1/4	4,732.46	1/4	5,100.34	1/4	5,454.08	1/4		1/4		1/4		1/4		1/4	
1/2	3,966.78	1/2	4,355.31	1/2	4,740.33	1/2	5,107.79	1/2	5,462.13	1/2		1/2		1/2		1/2		1/2	
3/4	3,974.88	3/4	4,363.40	3/4	4,748.19	3/4	5,115.24	3/4	5,470.17	3/4		3/4		3/4		3/4		3/4	
3	3,982.97	3	4,371.50	3	4,756.05	3	5,122.68	3	5,478.22	3		3		3		3		3	
1/4	3,991.07	1/4	4,379.59	1/4	4,763.89	1/4	5,130.10	1/4	5,486.17	1/4		1/4		1/4		1/4		1/4	
1/2	3,999.16	1/2	4,387.69	1/2	4,771.72	1/2	5,137.52	1/2	5,494.12	1/2		1/2		1/2		1/2		1/2	
3/4	4,007.25	3/4	4,395.78	3/4	4,779.55	3/4	5,144.93	3/4	5,502.06	3/4		3/4		3/4		3/4		3/4	
4	4,015.35	4	4,403.88	4	4,787.38	4	5,152.35	4	5,510.01	4		4		4		4		4	
1/4	4,023.44	1/4	4,411.97	1/4	4,795.19	1/4	5,159.74	1/4	5,517.15	1/4		1/4		1/4		1/4		1/4	
1/2	4,031.54	1/2	4,420.06	1/2	4,802.99	1/2	5,167.12	1/2	5,524.28	1/2		1/2		1/2		1/2		1/2	
3/4	4,039.63	3/4	4,428.16	3/4	4,810.79	3/4	5,174.51	3/4	5,531.42	3/4		3/4		3/4		3/4		3/4	
5	4,047.73	5	4,436.25	5	4,818.59	5	5,181.89	5	5,538.56	5		5		5		5		5	
1/4	4,055.82	1/4	4,444.35	1/4	4,826.36	1/4	5,189.25	1/4	5,544.17	1/4		1/4		1/4		1/4		1/4	
1/2	4,063.91	1/2	4,452.44	1/2	4,834.14	1/2	5,196.60	1/2	5,549.79	1/2		1/2		1/2		1/2		1/2	
3/4	4,072.01	3/4	4,460.54	3/4	4,841.91	3/4	5,203.96	3/4	5,555.41	3/4		3/4		3/4		3/4		3/4	
6	4,080.10	6	4,468.63	6	4,849.68	6	5,211.31	6	5,561.03	6		6		6		6		6	
1/4	4,088.20	1/4	4,476.72	1/4	4,857.42	1/4	5,218.64	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,096.29	1/2	4,484.81	1/2	4,865.16	1/2	5,225.96	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,104.39	3/4	4,492.90	3/4	4,872.90	3/4	5,233.29	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,112.48	7	4,500.99	7	4,880.64	7	5,240.61	7		7		7		7		7		7	
1/4	4,120.57	1/4	4,509.06	1/4	4,888.35	1/4	5,247.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,128.67	1/2	4,517.14	1/2	4,896.06	1/2	5,255.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,136.76	3/4	4,525.21	3/4	4,903.77	3/4	5,262.49	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,144.86	8	4,533.29	8	4,911.48	8	5,269.79	8		8		8		8		8		8	
1/4	4,152.95	1/4	4,541.34	1/4	4,919.14	1/4	5,277.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,161.05	1/2	4,549.38	1/2	4,926.79	1/2	5,284.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,169.14	3/4	4,557.43	3/4	4,934.45	3/4	5,291.58	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,177.23	9	4,565.48	9	4,942.10	9	5,298.84	9		9		9		9		9		9	
1/4	4,185.33	1/4	4,573.50	1/4	4,949.70	1/4	5,306.07	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,193.42	1/2	4,581.52	1/2	4,957.30	1/2	5,313.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,201.52	3/4	4,589.53	3/4	4,964.91	3/4	5,320.54	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,209.61	10	4,597.55	10	4,972.51	10	5,327.77	10		10		10		10		10		10	
1/4	4,217.71	1/4	4,605.54	1/4	4,980.08	1/4	5,334.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,225.80	1/2	4,613.52	1/2	4,987.65	1/2	5,342.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,233.89	3/4	4,621.51	3/4	4,995.22	3/4	5,349.37	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,241.99	11	4,629.50	11	5,002.79	11	5,356.57	11		11		11		11		11		11	
1/4	4,250.08	1/4	4,637.45	1/4	5,010.33	1/4	5,363.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,258.18	1/2	4,645.41	1/2	5,017.87	1/2	5,370.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,266.27	3/4	4,653.36	3/4	5,025.41	3/4	5,378.08	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/09/2021 JS  
CALCULATED: 07/09/2021 CL  
PRINTED: 07/09/2021 JS

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2021



# BARGE CTC29108

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

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	13.79	0	387.01	0	769.19	0	1,140.60	0	1,520.54	0	1,907.19	0	2,293.84	0	2,680.45	0	3,066.95	0	3,453.45
1/4	19.16	1/4	395.07	1/4	776.91	1/4	1,148.35	1/4	1,528.60	1/4	1,915.25	1/4	2,301.90	1/4	2,688.50	1/4	3,075.00	1/4	3,461.50
1/2	24.53	1/2	403.12	1/2	784.64	1/2	1,156.10	1/2	1,536.65	1/2	1,923.30	1/2	2,309.95	1/2	2,696.55	1/2	3,083.05	1/2	3,469.55
3/4	29.90	3/4	411.18	3/4	792.37	3/4	1,163.85	3/4	1,544.71	3/4	1,931.36	3/4	2,318.01	3/4	2,704.60	3/4	3,091.10	3/4	3,477.60
1	35.27	1	419.23	1	800.09	1	1,171.60	1	1,552.76	1	1,939.41	1	2,326.06	1	2,712.65	1	3,099.16	1	3,485.66
1/4	42.65	1/4	427.28	1/4	807.82	1/4	1,179.35	1/4	1,560.82	1/4	1,947.47	1/4	2,334.12	1/4	2,720.71	1/4	3,107.21	1/4	3,493.71
1/2	50.04	1/2	435.33	1/2	815.55	1/2	1,187.10	1/2	1,568.87	1/2	1,955.52	1/2	2,342.17	1/2	2,728.76	1/2	3,115.26	1/2	3,501.76
3/4	57.42	3/4	443.38	3/4	823.27	3/4	1,194.85	3/4	1,576.93	3/4	1,963.58	3/4	2,350.23	3/4	2,736.81	3/4	3,123.31	3/4	3,509.81
2	64.81	2	451.43	2	831.00	2	1,202.60	2	1,584.98	2	1,971.63	2	2,358.28	2	2,744.86	2	3,131.36	2	3,517.86
1/4	72.86	1/4	459.48	1/4	838.73	1/4	1,210.35	1/4	1,593.04	1/4	1,979.69	1/4	2,366.34	1/4	2,752.92	1/4	3,139.42	1/4	3,525.92
1/2	80.92	1/2	467.54	1/2	846.46	1/2	1,218.10	1/2	1,601.09	1/2	1,987.74	1/2	2,374.39	1/2	2,760.97	1/2	3,147.47	1/2	3,533.97
3/4	88.97	3/4	475.59	3/4	854.19	3/4	1,225.85	3/4	1,609.15	3/4	1,995.80	3/4	2,382.45	3/4	2,769.02	3/4	3,155.52	3/4	3,542.02
3	97.03	3	483.64	3	861.92	3	1,233.60	3	1,617.21	3	2,003.85	3	2,390.50	3	2,777.07	3	3,163.57	3	3,550.07
1/4	105.08	1/4	491.69	1/4	869.64	1/4	1,241.35	1/4	1,625.26	1/4	2,011.91	1/4	2,398.56	1/4	2,785.12	1/4	3,171.62	1/4	3,558.13
1/2	113.14	1/2	499.74	1/2	877.37	1/2	1,249.10	1/2	1,633.32	1/2	2,019.97	1/2	2,406.61	1/2	2,793.18	1/2	3,179.68	1/2	3,566.18
3/4	121.19	3/4	507.80	3/4	885.10	3/4	1,256.86	3/4	1,641.37	3/4	2,028.02	3/4	2,414.67	3/4	2,801.23	3/4	3,187.73	3/4	3,574.23
4	129.25	4	515.85	4	892.83	4	1,264.61	4	1,649.43	4	2,036.08	4	2,422.73	4	2,809.28	4	3,195.78	4	3,582.28
1/4	137.30	1/4	523.91	1/4	900.56	1/4	1,272.36	1/4	1,657.48	1/4	2,044.13	1/4	2,430.78	1/4	2,817.33	1/4	3,203.83	1/4	3,590.34
1/2	145.36	1/2	531.96	1/2	908.29	1/2	1,280.11	1/2	1,665.54	1/2	2,052.19	1/2	2,438.84	1/2	2,825.38	1/2	3,211.88	1/2	3,598.39
3/4	153.41	3/4	540.02	3/4	916.02	3/4	1,287.86	3/4	1,673.59	3/4	2,060.24	3/4	2,446.89	3/4	2,833.44	3/4	3,219.94	3/4	3,606.44
5	161.47	5	548.07	5	923.74	5	1,295.61	5	1,681.65	5	2,068.30	5	2,454.95	5	2,841.49	5	3,227.99	5	3,614.50
1/4	169.52	1/4	556.13	1/4	931.47	1/4	1,303.51	1/4	1,689.70	1/4	2,076.35	1/4	2,463.00	1/4	2,849.54	1/4	3,236.04	1/4	3,622.55
1/2	177.58	1/2	564.18	1/2	939.20	1/2	1,311.41	1/2	1,697.76	1/2	2,084.41	1/2	2,471.06	1/2	2,857.59	1/2	3,244.09	1/2	3,630.60
3/4	185.63	3/4	572.24	3/4	946.93	3/4	1,319.32	3/4	1,705.81	3/4	2,092.46	3/4	2,479.11	3/4	2,865.64	3/4	3,252.15	3/4	3,638.65
6	193.69	6	580.29	6	954.66	6	1,327.22	6	1,713.87	6	2,100.52	6	2,487.17	6	2,873.70	6	3,260.20	6	3,646.71
1/4	201.74	1/4	588.35	1/4	962.40	1/4	1,335.27	1/4	1,721.92	1/4	2,108.57	1/4	2,495.22	1/4	2,881.75	1/4	3,268.25	1/4	3,654.76
1/2	209.80	1/2	596.40	1/2	970.13	1/2	1,343.33	1/2	1,729.98	1/2	2,116.63	1/2	2,503.28	1/2	2,889.80	1/2	3,276.30	1/2	3,662.81
3/4	217.85	3/4	604.46	3/4	977.87	3/4	1,351.38	3/4	1,738.03	3/4	2,124.68	3/4	2,511.33	3/4	2,897.85	3/4	3,284.35	3/4	3,670.86
7	225.91	7	612.51	7	985.60	7	1,359.44	7	1,746.09	7	2,132.74	7	2,519.39	7	2,905.91	7	3,292.41	7	3,678.91
1/4	233.96	1/4	620.57	1/4	993.35	1/4	1,367.49	1/4	1,754.14	1/4	2,140.79	1/4	2,527.44	1/4	2,913.96	1/4	3,300.46	1/4	3,686.97
1/2	242.02	1/2	628.62	1/2	1,001.10	1/2	1,375.55	1/2	1,762.20	1/2	2,148.85	1/2	2,535.50	1/2	2,922.01	1/2	3,308.51	1/2	3,695.02
3/4	250.08	3/4	636.68	3/4	1,008.85	3/4	1,383.60	3/4	1,770.25	3/4	2,156.90	3/4	2,543.56	3/4	2,930.06	3/4	3,316.56	3/4	3,703.07
8	258.13	8	644.74	8	1,016.59	8	1,391.66	8	1,778.31	8	2,164.96	8	2,551.61	8	2,938.11	8	3,324.61	8	3,711.12
1/4	266.19	1/4	652.64	1/4	1,024.34	1/4	1,399.71	1/4	1,786.36	1/4	2,173.01	1/4	2,559.67	1/4	2,946.17	1/4	3,332.67	1/4	3,719.17
1/2	274.24	1/2	660.54	1/2	1,032.09	1/2	1,407.77	1/2	1,794.42	1/2	2,181.07	1/2	2,567.72	1/2	2,954.22	1/2	3,340.72	1/2	3,727.23
3/4	282.30	3/4	668.44	3/4	1,039.84	3/4	1,415.83	3/4	1,802.47	3/4	2,189.12	3/4	2,575.77	3/4	2,962.27	3/4	3,348.77	3/4	3,735.28
9	290.35	9	676.35	9	1,047.59	9	1,423.88	9	1,810.53	9	2,197.18	9	2,583.82	9	2,970.32	9	3,356.82	9	3,743.33
1/4	298.41	1/4	684.09	1/4	1,055.34	1/4	1,431.94	1/4	1,818.59	1/4	2,205.23	1/4	2,591.87	1/4	2,978.37	1/4	3,364.87	1/4	3,751.38
1/2	306.46	1/2	691.84	1/2	1,063.10	1/2	1,439.99	1/2	1,826.64	1/2	2,213.29	1/2	2,599.93	1/2	2,986.43	1/2	3,372.93	1/2	3,759.43
3/4	314.52	3/4	699.59	3/4	1,070.85	3/4	1,448.05	3/4	1,834.70	3/4	2,221.35	3/4	2,607.98	3/4	2,994.48	3/4	3,380.98	3/4	3,767.49
10	322.57	10	707.34	10	1,078.60	10	1,456.10	10	1,842.75	10	2,229.40	10	2,616.03	10	3,002.53	10	3,389.03	10	3,775.54
1/4	330.63	1/4	715.07	1/4	1,086.35	1/4	1,464.16	1/4	1,850.81	1/4	2,237.46	1/4	2,624.08	1/4	3,010.58	1/4	3,397.08	1/4	3,783.59
1/2	338.68	1/2	722.81	1/2	1,094.10	1/2	1,472.21	1/2	1,858.86	1/2	2,245.51	1/2	2,632.13	1/2	3,018.63	1/2	3,405.14	1/2	3,791.64
3/4	346.74	3/4	730.54	3/4	1,101.85	3/4	1,480.27	3/4	1,866.92	3/4	2,253.57	3/4	2,640.19	3/4	3,026.69	3/4	3,413.19	3/4	3,799.69
11	354.79	11	738.28	11	1,109.60	11	1,488.32	11	1,874.97	11	2,261.62	11	2,648.24	11	3,034.74	11	3,421.24	11	3,807.75
1/4	362.85	1/4	746.01	1/4	1,117.35	1/4	1,496.38	1/4	1,883.03	1/4	2,269.68	1/4	2,656.29	1/4	3,042.79	1/4	3,429.29	1/4	3,815.80
1/2	370.90	1/2	753.73	1/2	1,125.10	1/2	1,504.43	1/2	1,891.08	1/2	2,277.73	1/2	2,664.34	1/2	3,050.84	1/2	3,437.34	1/2	3,823.85
3/4	378.96	3/4	761.46	3/4	1,132.85	3/4	1,512.49	3/4	1,899.14	3/4	2,285.79	3/4	2,672.39	3/4	3,058.90	3/4	3,445.40	3/4	3,831.90

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 51'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE CTC29108

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

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	3,839.95	0	4,226.45	0	4,611.39	0	4,981.09	0	5,331.60	0		0		0		0		0	
1/4	3,848.01	1/4	4,234.50	1/4	4,619.28	1/4	4,988.56	1/4	5,338.93	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,856.06	1/2	4,242.55	1/2	4,627.16	1/2	4,996.04	1/2	5,346.27	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,864.11	3/4	4,250.61	3/4	4,635.04	3/4	5,003.51	3/4	5,353.61	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,872.16	1	4,258.66	1	4,642.93	1	5,010.98	1	5,360.94	1		1		1		1		1	
1/4	3,880.21	1/4	4,266.71	1/4	4,650.78	1/4	5,018.42	1/4	5,368.72	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,888.27	1/2	4,274.76	1/2	4,658.63	1/2	5,025.86	1/2	5,376.50	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,896.32	3/4	4,282.81	3/4	4,666.49	3/4	5,033.29	3/4	5,384.28	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,904.37	2	4,290.87	2	4,674.34	2	5,040.73	2	5,392.06	2		2		2		2		2	
1/4	3,912.42	1/4	4,298.92	1/4	4,682.16	1/4	5,048.14	1/4	5,400.07	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,920.47	1/2	4,306.97	1/2	4,689.99	1/2	5,055.55	1/2	5,408.07	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,928.53	3/4	4,315.02	3/4	4,697.81	3/4	5,062.96	3/4	5,416.08	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,936.58	3	4,323.07	3	4,705.63	3	5,070.37	3	5,424.08	3		3		3		3		3	
1/4	3,944.63	1/4	4,331.13	1/4	4,713.42	1/4	5,077.75	1/4	5,431.99	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,952.68	1/2	4,339.18	1/2	4,721.22	1/2	5,085.13	1/2	5,439.89	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,960.73	3/4	4,347.23	3/4	4,729.01	3/4	5,092.51	3/4	5,447.80	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,968.79	4	4,355.28	4	4,736.80	4	5,099.89	4	5,455.70	4		4		4		4		4	
1/4	3,976.84	1/4	4,363.33	1/4	4,744.56	1/4	5,107.23	1/4	5,462.80	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,984.89	1/2	4,371.39	1/2	4,752.32	1/2	5,114.58	1/2	5,469.90	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,992.94	3/4	4,379.44	3/4	4,760.09	3/4	5,121.93	3/4	5,477.00	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	4,000.99	5	4,387.49	5	4,767.85	5	5,129.28	5	5,484.10	5		5		5		5		5	
1/4	4,009.05	1/4	4,395.54	1/4	4,775.58	1/4	5,136.59	1/4	5,489.68	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4,017.10	1/2	4,403.59	1/2	4,783.31	1/2	5,143.91	1/2	5,495.27	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	4,025.15	3/4	4,411.65	3/4	4,791.04	3/4	5,151.23	3/4	5,500.86	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	4,033.20	6	4,419.70	6	4,798.77	6	5,158.55	6	5,506.45	6		6		6		6		6	
1/4	4,041.25	1/4	4,427.75	1/4	4,806.47	1/4	5,165.83	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4,049.31	1/2	4,435.80	1/2	4,814.17	1/2	5,173.12	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	4,057.36	3/4	4,443.85	3/4	4,821.87	3/4	5,180.41	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	4,065.41	7	4,451.89	7	4,829.57	7	5,187.69	7		7		7		7		7		7	
1/4	4,073.46	1/4	4,459.93	1/4	4,837.24	1/4	5,194.95	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4,081.51	1/2	4,467.96	1/2	4,844.91	1/2	5,202.21	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	4,089.57	3/4	4,475.99	3/4	4,852.58	3/4	5,209.46	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	4,097.62	8	4,484.03	8	4,860.25	8	5,216.72	8		8		8		8		8		8	
1/4	4,105.67	1/4	4,492.03	1/4	4,867.87	1/4	5,223.95	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4,113.72	1/2	4,500.04	1/2	4,875.49	1/2	5,231.17	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	4,121.77	3/4	4,508.05	3/4	4,883.10	3/4	5,238.40	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	4,129.83	9	4,516.05	9	4,890.72	9	5,245.62	9		9		9		9		9		9	
1/4	4,137.88	1/4	4,524.03	1/4	4,898.28	1/4	5,252.82	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4,145.93	1/2	4,532.00	1/2	4,905.84	1/2	5,260.01	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	4,153.98	3/4	4,539.98	3/4	4,913.40	3/4	5,267.21	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	4,162.03	10	4,547.95	10	4,920.97	10	5,274.40	10		10		10		10		10		10	
1/4	4,170.09	1/4	4,555.90	1/4	4,928.50	1/4	5,281.57	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4,178.14	1/2	4,563.84	1/2	4,936.03	1/2	5,288.73	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	4,186.19	3/4	4,571.79	3/4	4,943.56	3/4	5,295.90	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	4,194.24	11	4,579.73	11	4,951.09	11	5,303.06	11		11		11		11		11		11	
1/4	4,202.29	1/4	4,587.65	1/4	4,958.59	1/4	5,310.20	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4,210.35	1/2	4,595.56	1/2	4,966.09	1/2	5,317.33	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	4,218.40	3/4	4,603.48	3/4	4,973.59	3/4	5,324.46	3/4		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: 07/09/2021 JS  
CALCULATED: 07/09/2021 CL  
PRINTED: 07/09/2021 JS

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2021



# BARGE CTC29108

# 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	12.86	0	360.17	0	717.03	0	1,069.55	0	1,429.19	0	1,788.82	0	2,147.94	0	2,507.45	0	2,866.78	0	3,226.11
1/4	17.85	1/4	367.66	1/4	724.31	1/4	1,077.05	1/4	1,436.68	1/4	1,796.31	1/4	2,155.42	1/4	2,514.93	1/4	2,874.27	1/4	3,233.60
1/2	22.85	1/2	375.16	1/2	731.59	1/2	1,084.54	1/2	1,444.18	1/2	1,803.80	1/2	2,162.90	1/2	2,522.42	1/2	2,881.75	1/2	3,241.09
3/4	27.85	3/4	382.65	3/4	738.86	3/4	1,092.03	3/4	1,451.67	3/4	1,811.29	3/4	2,170.38	3/4	2,529.91	3/4	2,889.24	3/4	3,248.57
1	32.85	1	390.15	1	746.14	1	1,099.52	1	1,459.16	1	1,818.79	1	2,177.86	1	2,537.39	1	2,896.73	1	3,256.06
1/4	39.72	1/4	397.64	1/4	753.42	1/4	1,107.02	1/4	1,466.65	1/4	1,826.28	1/4	2,185.34	1/4	2,544.88	1/4	2,904.21	1/4	3,263.54
1/2	46.59	1/2	405.13	1/2	760.69	1/2	1,114.51	1/2	1,474.15	1/2	1,833.77	1/2	2,192.82	1/2	2,552.36	1/2	2,911.70	1/2	3,271.03
3/4	53.46	3/4	412.62	3/4	767.97	3/4	1,122.00	3/4	1,481.64	3/4	1,841.26	3/4	2,200.30	3/4	2,559.85	3/4	2,919.18	3/4	3,278.52
2	60.33	2	420.11	2	775.25	2	1,129.49	2	1,489.13	2	1,848.76	2	2,207.78	2	2,567.34	2	2,926.67	2	3,286.00
1/4	67.83	1/4	427.60	1/4	782.53	1/4	1,136.99	1/4	1,496.62	1/4	1,856.24	1/4	2,215.26	1/4	2,574.82	1/4	2,934.16	1/4	3,293.49
1/2	75.32	1/2	435.10	1/2	789.81	1/2	1,144.48	1/2	1,504.11	1/2	1,863.73	1/2	2,222.75	1/2	2,582.31	1/2	2,941.64	1/2	3,300.97
3/4	82.82	3/4	442.59	3/4	797.09	3/4	1,151.97	3/4	1,511.61	3/4	1,871.21	3/4	2,230.24	3/4	2,589.80	3/4	2,949.13	3/4	3,308.46
3	90.31	3	450.08	3	804.37	3	1,159.46	3	1,519.10	3	1,878.70	3	2,237.72	3	2,597.28	3	2,956.61	3	3,315.95
1/4	97.81	1/4	457.57	1/4	811.65	1/4	1,166.96	1/4	1,526.59	1/4	1,886.17	1/4	2,245.22	1/4	2,604.77	1/4	2,964.10	1/4	3,323.43
1/2	105.31	1/2	465.07	1/2	818.92	1/2	1,174.45	1/2	1,534.08	1/2	1,893.65	1/2	2,252.71	1/2	2,612.25	1/2	2,971.59	1/2	3,330.92
3/4	112.80	3/4	472.56	3/4	826.20	3/4	1,181.94	3/4	1,541.58	3/4	1,901.13	3/4	2,260.21	3/4	2,619.74	3/4	2,979.07	3/4	3,338.41
4	120.30	4	480.06	4	833.48	4	1,189.44	4	1,549.07	4	1,908.61	4	2,267.70	4	2,627.23	4	2,986.56	4	3,345.89
1/4	127.79	1/4	487.55	1/4	840.76	1/4	1,196.93	1/4	1,556.56	1/4	1,916.09	1/4	2,275.20	1/4	2,634.71	1/4	2,994.04	1/4	3,353.32
1/2	135.29	1/2	495.05	1/2	848.04	1/2	1,204.42	1/2	1,564.05	1/2	1,923.57	1/2	2,282.70	1/2	2,642.20	1/2	3,001.53	1/2	3,360.76
3/4	142.79	3/4	502.54	3/4	855.32	3/4	1,211.91	3/4	1,571.54	3/4	1,931.05	3/4	2,290.19	3/4	2,649.68	3/4	3,009.02	3/4	3,368.19
5	150.28	5	510.04	5	862.60	5	1,219.41	5	1,579.04	5	1,938.53	5	2,297.69	5	2,657.17	5	3,016.50	5	3,375.62
1/4	157.78	1/4	517.54	1/4	869.88	1/4	1,226.90	1/4	1,586.53	1/4	1,946.01	1/4	2,305.18	1/4	2,664.66	1/4	3,023.99	1/4	3,383.00
1/2	165.27	1/2	525.03	1/2	877.16	1/2	1,234.39	1/2	1,594.02	1/2	1,953.49	1/2	2,312.68	1/2	2,672.14	1/2	3,031.48	1/2	3,390.37
3/4	172.77	3/4	532.53	3/4	884.44	3/4	1,241.88	3/4	1,601.51	3/4	1,960.97	3/4	2,320.17	3/4	2,679.63	3/4	3,038.96	3/4	3,397.75
6	180.27	6	540.02	6	891.72	6	1,249.38	6	1,609.00	6	1,968.44	6	2,327.67	6	2,687.11	6	3,046.45	6	3,405.12
1/4	187.76	1/4	547.52	1/4	899.00	1/4	1,256.87	1/4	1,616.50	1/4	1,975.92	1/4	2,335.16	1/4	2,694.60	1/4	3,053.93	1/4	3,412.50
1/2	195.26	1/2	555.02	1/2	906.29	1/2	1,264.36	1/2	1,623.99	1/2	1,983.40	1/2	2,342.66	1/2	2,702.09	1/2	3,061.42	1/2	3,419.88
3/4	202.75	3/4	562.51	3/4	913.58	3/4	1,271.86	3/4	1,631.48	3/4	1,990.88	3/4	2,350.16	3/4	2,709.57	3/4	3,068.91	3/4	3,427.25
7	210.25	7	570.01	7	920.86	7	1,279.35	7	1,638.97	7	1,998.36	7	2,357.65	7	2,717.06	7	3,076.39	7	3,434.63
1/4	217.75	1/4	577.50	1/4	928.16	1/4	1,286.84	1/4	1,646.47	1/4	2,005.84	1/4	2,365.14	1/4	2,724.54	1/4	3,083.88	1/4	3,442.00
1/2	225.24	1/2	585.00	1/2	935.46	1/2	1,294.33	1/2	1,653.96	1/2	2,013.32	1/2	2,372.64	1/2	2,732.03	1/2	3,091.36	1/2	3,449.38
3/4	232.74	3/4	592.50	3/4	942.75	3/4	1,301.82	3/4	1,661.45	3/4	2,020.80	3/4	2,380.13	3/4	2,739.52	3/4	3,098.85	3/4	3,456.76
8	240.23	8	599.99	8	950.05	8	1,309.32	8	1,668.94	8	2,028.28	8	2,387.63	8	2,747.00	8	3,106.34	8	3,464.13
1/4	247.73	1/4	607.39	1/4	957.45	1/4	1,316.81	1/4	1,676.43	1/4	2,035.76	1/4	2,395.12	1/4	2,754.49	1/4	3,113.82	1/4	3,471.51
1/2	255.23	1/2	614.79	1/2	964.85	1/2	1,324.30	1/2	1,683.93	1/2	2,043.24	1/2	2,402.61	1/2	2,761.98	1/2	3,121.31	1/2	3,478.88
3/4	262.72	3/4	622.19	3/4	972.24	3/4	1,331.79	3/4	1,691.42	3/4	2,050.71	3/4	2,410.11	3/4	2,769.46	3/4	3,128.79	3/4	3,486.26
9	270.22	9	629.59	9	979.64	9	1,339.29	9	1,698.91	9	2,058.19	9	2,417.60	9	2,776.95	9	3,136.28	9	3,493.63
1/4	277.71	1/4	636.88	1/4	987.13	1/4	1,346.78	1/4	1,706.40	1/4	2,065.67	1/4	2,425.09	1/4	2,784.43	1/4	3,143.77	1/4	3,501.01
1/2	285.21	1/2	644.18	1/2	994.63	1/2	1,354.27	1/2	1,713.90	1/2	2,073.15	1/2	2,432.58	1/2	2,791.92	1/2	3,151.25	1/2	3,508.38
3/4	292.71	3/4	651.48	3/4	1,002.12	3/4	1,361.76	3/4	1,721.39	3/4	2,080.63	3/4	2,440.07	3/4	2,799.41	3/4	3,158.74	3/4	3,515.76
10	300.20	10	658.78	10	1,009.61	10	1,369.25	10	1,728.88	10	2,088.11	10	2,447.56	10	2,806.89	10	3,166.22	10	3,523.14
1/4	307.70	1/4	666.06	1/4	1,017.10	1/4	1,376.75	1/4	1,736.37	1/4	2,095.59	1/4	2,455.05	1/4	2,814.38	1/4	3,173.71	1/4	3,530.57
1/2	315.19	1/2	673.35	1/2	1,024.60	1/2	1,384.24	1/2	1,743.86	1/2	2,103.07	1/2	2,462.53	1/2	2,821.86	1/2	3,181.20	1/2	3,538.00
3/4	322.69	3/4	680.64	3/4	1,032.09	3/4	1,391.73	3/4	1,751.36	3/4	2,110.55	3/4	2,470.02	3/4	2,829.35	3/4	3,188.68	3/4	3,545.43
11	330.19	11	687.92	11	1,039.58	11	1,399.22	11	1,758.85	11	2,118.03	11	2,477.50	11	2,836.84	11	3,196.17	11	3,552.86
1/4	337.68	1/4	695.20	1/4	1,047.07	1/4	1,406.72	1/4	1,766.34	1/4	2,125.51	1/4	2,484.99	1/4	2,844.32	1/4	3,203.66	1/4	3,559.86
1/2	345.18	1/2	702.48	1/2	1,054.57	1/2	1,414.21	1/2	1,773.83	1/2	2,132.98	1/2	2,492.48	1/2	2,851.81	1/2	3,211.14	1/2	3,566.86
3/4	352.67	3/4	709.76	3/4	1,062.06	3/4	1,421.70	3/4	1,781.33	3/4	2,140.46	3/4	2,499.96	3/4	2,859.29	3/4	3,218.63	3/4	3,573.86

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 45'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE CTC29108

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,580.87	0	3,848.96	0	4,113.66	0	4,364.31	0	4,596.80	0		0		0		0		0	
1/4	3,586.90	1/4	3,854.51	1/4	4,119.05	1/4	4,369.32	1/4	4,601.62	1/4		1/4		1/4		1/4		1/4	
1/2	3,592.93	1/2	3,860.05	1/2	4,124.43	1/2	4,374.34	1/2	4,606.44	1/2		1/2		1/2		1/2		1/2	
3/4	3,598.96	3/4	3,865.60	3/4	4,129.82	3/4	4,379.35	3/4	4,611.27	3/4		3/4		3/4		3/4		3/4	
1	3,604.99	1	3,871.14	1	4,135.21	1	4,384.37	1	4,616.09	1		1		1		1		1	
1/4	3,610.54	1/4	3,876.69	1/4	4,140.57	1/4	4,389.35	1/4	4,621.33	1/4		1/4		1/4		1/4		1/4	
1/2	3,616.08	1/2	3,882.23	1/2	4,145.93	1/2	4,394.34	1/2	4,626.56	1/2		1/2		1/2		1/2		1/2	
3/4	3,621.63	3/4	3,887.78	3/4	4,151.29	3/4	4,399.32	3/4	4,631.80	3/4		3/4		3/4		3/4		3/4	
2	3,627.17	2	3,893.32	2	4,156.65	2	4,404.31	2	4,637.04	2		2		2		2		2	
1/4	3,632.72	1/4	3,898.87	1/4	4,161.98	1/4	4,409.26	1/4	4,642.48	1/4		1/4		1/4		1/4		1/4	
1/2	3,638.26	1/2	3,904.41	1/2	4,167.31	1/2	4,414.22	1/2	4,647.93	1/2		1/2		1/2		1/2		1/2	
3/4	3,643.81	3/4	3,909.96	3/4	4,172.64	3/4	4,419.18	3/4	4,653.38	3/4		3/4		3/4		3/4		3/4	
3	3,649.35	3	3,915.50	3	4,177.97	3	4,424.13	3	4,658.83	3		3		3		3		3	
1/4	3,654.90	1/4	3,921.05	1/4	4,183.28	1/4	4,429.06	1/4	4,664.18	1/4		1/4		1/4		1/4		1/4	
1/2	3,660.44	1/2	3,926.59	1/2	4,188.58	1/2	4,433.99	1/2	4,669.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,665.99	3/4	3,932.14	3/4	4,193.88	3/4	4,438.92	3/4	4,674.88	3/4		3/4		3/4		3/4		3/4	
4	3,671.53	4	3,937.68	4	4,199.18	4	4,443.85	4	4,680.24	4		4		4		4		4	
1/4	3,677.08	1/4	3,943.23	1/4	4,204.46	1/4	4,448.75	1/4	4,684.84	1/4		1/4		1/4		1/4		1/4	
1/2	3,682.62	1/2	3,948.77	1/2	4,209.73	1/2	4,453.65	1/2	4,689.45	1/2		1/2		1/2		1/2		1/2	
3/4	3,688.17	3/4	3,954.32	3/4	4,215.01	3/4	4,458.55	3/4	4,694.05	3/4		3/4		3/4		3/4		3/4	
5	3,693.71	5	3,959.86	5	4,220.28	5	4,463.45	5	4,698.65	5		5		5		5		5	
1/4	3,699.26	1/4	3,965.41	1/4	4,225.53	1/4	4,468.32	1/4	4,701.85	1/4		1/4		1/4		1/4		1/4	
1/2	3,704.80	1/2	3,970.95	1/2	4,230.77	1/2	4,473.19	1/2	4,705.05	1/2		1/2		1/2		1/2		1/2	
3/4	3,710.34	3/4	3,976.50	3/4	4,236.02	3/4	4,478.06	3/4	4,708.25	3/4		3/4		3/4		3/4		3/4	
6	3,715.89	6	3,982.04	6	4,241.26	6	4,482.93	6	4,711.44	6		6		6		6		6	
1/4	3,721.43	1/4	3,987.58	1/4	4,246.48	1/4	4,487.77	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,726.98	1/2	3,993.12	1/2	4,251.70	1/2	4,492.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,732.52	3/4	3,998.66	3/4	4,256.91	3/4	4,497.46	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,738.07	7	4,004.20	7	4,262.13	7	4,502.30	7		7		7		7		7		7	
1/4	3,743.61	1/4	4,009.73	1/4	4,267.32	1/4	4,507.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,749.16	1/2	4,015.26	1/2	4,272.51	1/2	4,511.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,754.70	3/4	4,020.78	3/4	4,277.70	3/4	4,516.75	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,760.25	8	4,026.31	8	4,282.89	8	4,521.56	8		8		8		8		8		8	
1/4	3,765.79	1/4	4,031.81	1/4	4,288.03	1/4	4,526.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,771.34	1/2	4,037.31	1/2	4,293.17	1/2	4,531.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,776.88	3/4	4,042.82	3/4	4,298.32	3/4	4,535.92	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,782.43	9	4,048.32	9	4,303.46	9	4,540.70	9		9		9		9		9		9	
1/4	3,787.97	1/4	4,053.79	1/4	4,308.56	1/4	4,545.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,793.52	1/2	4,059.27	1/2	4,313.66	1/2	4,550.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,799.06	3/4	4,064.74	3/4	4,318.76	3/4	4,554.88	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,804.61	10	4,070.21	10	4,323.86	10	4,559.60	10		10		10		10		10		10	
1/4	3,810.15	1/4	4,075.66	1/4	4,328.93	1/4	4,564.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,815.70	1/2	4,081.10	1/2	4,334.00	1/2	4,568.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,821.24	3/4	4,086.55	3/4	4,339.07	3/4	4,573.59	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,826.79	11	4,091.99	11	4,344.14	11	4,578.26	11		11		11		11		11		11	
1/4	3,832.33	1/4	4,097.41	1/4	4,349.18	1/4	4,582.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,837.88	1/2	4,102.83	1/2	4,354.23	1/2	4,587.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,843.42	3/4	4,108.24	3/4	4,359.27	3/4	4,592.16	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/09/2021 JS  
CALCULATED: 07/09/2021 CL  
PRINTED: 07/09/2021 JS

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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Pearland, Texas 77588

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2021



# BARGE CTC29108

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	12.89	0	360.88	0	714.33	0	1,057.38	0	1,417.29	0	1,776.64	0	2,132.28	0	2,492.13	0	2,851.73	0	3,211.42
1/4	17.91	1/4	368.39	1/4	721.33	1/4	1,064.87	1/4	1,424.78	1/4	1,784.05	1/4	2,139.77	1/4	2,499.61	1/4	2,859.22	1/4	3,218.92
1/2	22.92	1/2	375.89	1/2	728.33	1/2	1,072.36	1/2	1,432.28	1/2	1,791.46	1/2	2,147.26	1/2	2,507.10	1/2	2,866.71	1/2	3,226.41
3/4	27.93	3/4	383.40	3/4	735.32	3/4	1,079.86	3/4	1,439.78	3/4	1,798.87	3/4	2,154.74	3/4	2,514.59	3/4	2,874.21	3/4	3,233.91
1	32.94	1	390.90	1	742.32	1	1,087.35	1	1,447.28	1	1,806.28	1	2,162.23	1	2,522.08	1	2,881.70	1	3,241.40
1/4	39.83	1/4	398.40	1/4	749.32	1/4	1,094.85	1/4	1,454.78	1/4	1,813.68	1/4	2,169.72	1/4	2,529.57	1/4	2,889.20	1/4	3,248.89
1/2	46.72	1/2	405.91	1/2	756.32	1/2	1,102.34	1/2	1,462.27	1/2	1,821.09	1/2	2,177.21	1/2	2,537.06	1/2	2,896.69	1/2	3,256.39
3/4	53.62	3/4	413.41	3/4	763.32	3/4	1,109.84	3/4	1,469.77	3/4	1,828.50	3/4	2,184.70	3/4	2,544.54	3/4	2,904.18	3/4	3,263.88
2	60.51	2	420.91	2	770.32	2	1,117.34	2	1,477.27	2	1,835.91	2	2,192.18	2	2,552.03	2	2,911.68	2	3,271.37
1/4	68.03	1/4	428.41	1/4	777.32	1/4	1,124.84	1/4	1,484.77	1/4	1,843.31	1/4	2,199.68	1/4	2,559.52	1/4	2,919.17	1/4	3,278.87
1/2	75.54	1/2	435.91	1/2	784.32	1/2	1,132.34	1/2	1,492.26	1/2	1,850.71	1/2	2,207.18	1/2	2,567.01	1/2	2,926.66	1/2	3,286.36
3/4	83.06	3/4	443.42	3/4	791.32	3/4	1,139.84	3/4	1,499.76	3/4	1,858.11	3/4	2,214.67	3/4	2,574.50	3/4	2,934.16	3/4	3,293.86
3	90.58	3	450.92	3	798.32	3	1,147.35	3	1,507.26	3	1,865.51	3	2,222.17	3	2,581.99	3	2,941.65	3	3,301.35
1/4	98.10	1/4	458.42	1/4	805.32	1/4	1,154.85	1/4	1,514.76	1/4	1,872.91	1/4	2,229.67	1/4	2,589.47	1/4	2,949.15	1/4	3,308.84
1/2	105.62	1/2	465.93	1/2	812.32	1/2	1,162.35	1/2	1,522.26	1/2	1,880.30	1/2	2,237.18	1/2	2,596.96	1/2	2,956.64	1/2	3,316.34
3/4	113.13	3/4	473.43	3/4	819.32	3/4	1,169.85	3/4	1,529.75	3/4	1,887.69	3/4	2,244.68	3/4	2,604.45	3/4	2,964.13	3/4	3,323.83
4	120.65	4	480.94	4	826.32	4	1,177.35	4	1,537.25	4	1,895.09	4	2,252.19	4	2,611.94	4	2,971.63	4	3,331.32
1/4	128.17	1/4	488.44	1/4	833.32	1/4	1,184.84	1/4	1,544.75	1/4	1,902.48	1/4	2,259.69	1/4	2,619.43	1/4	2,979.12	1/4	3,338.76
1/2	135.68	1/2	495.95	1/2	840.32	1/2	1,192.34	1/2	1,552.25	1/2	1,909.88	1/2	2,267.20	1/2	2,626.92	1/2	2,986.61	1/2	3,346.20
3/4	143.19	3/4	503.46	3/4	847.32	3/4	1,199.84	3/4	1,559.75	3/4	1,917.27	3/4	2,274.70	3/4	2,634.41	3/4	2,994.11	3/4	3,353.64
5	150.70	5	510.96	5	854.32	5	1,207.34	5	1,567.24	5	1,924.67	5	2,282.21	5	2,641.90	5	3,001.60	5	3,361.08
1/4	158.21	1/4	518.47	1/4	861.32	1/4	1,214.84	1/4	1,574.74	1/4	1,932.06	1/4	2,289.71	1/4	2,649.40	1/4	3,009.09	1/4	3,368.46
1/2	165.71	1/2	525.98	1/2	868.32	1/2	1,222.34	1/2	1,582.24	1/2	1,939.46	1/2	2,297.21	1/2	2,656.89	1/2	3,016.59	1/2	3,375.84
3/4	173.22	3/4	533.48	3/4	875.31	3/4	1,229.83	3/4	1,589.74	3/4	1,946.85	3/4	2,304.72	3/4	2,664.38	3/4	3,024.08	3/4	3,383.23
6	180.73	6	540.99	6	882.31	6	1,237.33	6	1,597.24	6	1,954.25	6	2,312.22	6	2,671.88	6	3,031.58	6	3,390.61
1/4	188.23	1/4	548.50	1/4	889.31	1/4	1,244.83	1/4	1,604.73	1/4	1,961.64	1/4	2,319.73	1/4	2,679.37	1/4	3,039.07	1/4	3,397.99
1/2	195.74	1/2	556.00	1/2	896.32	1/2	1,252.33	1/2	1,612.23	1/2	1,969.04	1/2	2,327.23	1/2	2,686.87	1/2	3,046.56	1/2	3,405.38
3/4	203.25	3/4	563.51	3/4	903.32	3/4	1,259.83	3/4	1,619.73	3/4	1,976.43	3/4	2,334.74	3/4	2,694.36	3/4	3,054.06	3/4	3,412.76
7	210.75	7	571.02	7	910.33	7	1,267.33	7	1,627.23	7	1,983.83	7	2,342.24	7	2,701.85	7	3,061.55	7	3,420.15
1/4	218.26	1/4	578.52	1/4	917.35	1/4	1,274.82	1/4	1,634.72	1/4	1,991.22	1/4	2,349.74	1/4	2,709.35	1/4	3,069.04	1/4	3,427.53
1/2	225.77	1/2	586.03	1/2	924.38	1/2	1,282.32	1/2	1,642.22	1/2	1,998.62	1/2	2,357.25	1/2	2,716.84	1/2	3,076.54	1/2	3,434.92
3/4	233.27	3/4	593.54	3/4	931.40	3/4	1,289.82	3/4	1,649.72	3/4	2,006.01	3/4	2,364.75	3/4	2,724.33	3/4	3,084.03	3/4	3,442.31
8	240.78	8	601.04	8	938.43	8	1,297.32	8	1,657.22	8	2,013.40	8	2,372.25	8	2,731.83	8	3,091.53	8	3,449.70
1/4	248.29	1/4	608.31	1/4	945.69	1/4	1,304.82	1/4	1,664.72	1/4	2,020.80	1/4	2,379.75	1/4	2,739.32	1/4	3,099.02	1/4	3,457.10
1/2	255.79	1/2	615.59	1/2	952.95	1/2	1,312.32	1/2	1,672.21	1/2	2,028.19	1/2	2,387.25	1/2	2,746.82	1/2	3,106.51	1/2	3,464.49
3/4	263.30	3/4	622.86	3/4	960.21	3/4	1,319.81	3/4	1,679.71	3/4	2,035.59	3/4	2,394.75	3/4	2,754.31	3/4	3,114.01	3/4	3,471.89
9	270.81	9	630.13	9	967.47	9	1,327.31	9	1,687.21	9	2,042.98	9	2,402.25	9	2,761.80	9	3,121.50	9	3,479.28
1/4	278.31	1/4	637.17	1/4	974.96	1/4	1,334.81	1/4	1,694.71	1/4	2,050.38	1/4	2,409.74	1/4	2,769.30	1/4	3,128.99	1/4	3,486.67
1/2	285.82	1/2	644.20	1/2	982.45	1/2	1,342.31	1/2	1,702.21	1/2	2,057.77	1/2	2,417.23	1/2	2,776.79	1/2	3,136.49	1/2	3,494.07
3/4	293.33	3/4	651.24	3/4	989.94	3/4	1,349.80	3/4	1,709.70	3/4	2,065.17	3/4	2,424.73	3/4	2,784.28	3/4	3,143.98	3/4	3,501.46
10	300.83	10	658.27	10	997.44	10	1,357.30	10	1,717.20	10	2,072.56	10	2,432.22	10	2,791.78	10	3,151.48	10	3,508.86
1/4	308.34	1/4	665.29	1/4	1,004.93	1/4	1,364.80	1/4	1,724.65	1/4	2,080.00	1/4	2,439.71	1/4	2,799.27	1/4	3,158.97	1/4	3,516.31
1/2	315.84	1/2	672.30	1/2	1,012.42	1/2	1,372.30	1/2	1,732.11	1/2	2,087.44	1/2	2,447.19	1/2	2,806.77	1/2	3,166.46	1/2	3,523.76
3/4	323.35	3/4	679.32	3/4	1,019.91	3/4	1,379.80	3/4	1,739.56	3/4	2,094.89	3/4	2,454.68	3/4	2,814.26	3/4	3,173.96	3/4	3,531.21
11	330.86	11	686.33	11	1,027.41	11	1,387.29	11	1,747.01	11	2,102.33	11	2,462.17	11	2,821.75	11	3,181.45	11	3,538.66
1/4	338.36	1/4	693.33	1/4	1,034.90	1/4	1,394.79	1/4	1,754.42	1/4	2,109.82	1/4	2,469.66	1/4	2,829.25	1/4	3,188.94	1/4	3,545.68
1/2	345.87	1/2	700.33	1/2	1,042.39	1/2	1,402.29	1/2	1,761.83	1/2	2,117.30	1/2	2,477.15	1/2	2,836.74	1/2	3,196.44	1/2	3,552.70
3/4	353.38	3/4	707.33	3/4	1,049.89	3/4	1,409.79	3/4	1,769.24	3/4	2,124.79	3/4	2,484.64	3/4	2,844.23	3/4	3,203.93	3/4	3,559.73

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 45'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE CTC29108

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,566.75	0	3,835.94	0	4,101.74	0	4,353.49	0	4,587.08	0		0		0		0		0	
1/4	3,572.80	1/4	3,841.51	1/4	4,107.15	1/4	4,358.53	1/4	4,591.93	1/4		1/4		1/4		1/4		1/4	
1/2	3,578.86	1/2	3,847.08	1/2	4,112.56	1/2	4,363.56	1/2	4,596.78	1/2		1/2		1/2		1/2		1/2	
3/4	3,584.91	3/4	3,852.65	3/4	4,117.97	3/4	4,368.60	3/4	4,601.62	3/4		3/4		3/4		3/4		3/4	
1	3,590.97	1	3,858.21	1	4,123.38	1	4,373.64	1	4,606.47	1		1		1		1		1	
1/4	3,596.54	1/4	3,863.78	1/4	4,128.76	1/4	4,378.65	1/4	4,611.73	1/4		1/4		1/4		1/4		1/4	
1/2	3,602.10	1/2	3,869.35	1/2	4,134.14	1/2	4,383.65	1/2	4,616.99	1/2		1/2		1/2		1/2		1/2	
3/4	3,607.67	3/4	3,874.92	3/4	4,139.53	3/4	4,388.66	3/4	4,622.25	3/4		3/4		3/4		3/4		3/4	
2	3,613.24	2	3,880.48	2	4,144.91	2	4,393.67	2	4,627.51	2		2		2		2		2	
1/4	3,618.81	1/4	3,886.05	1/4	4,150.26	1/4	4,398.65	1/4	4,632.98	1/4		1/4		1/4		1/4		1/4	
1/2	3,624.37	1/2	3,891.62	1/2	4,155.62	1/2	4,403.63	1/2	4,638.45	1/2		1/2		1/2		1/2		1/2	
3/4	3,629.94	3/4	3,897.19	3/4	4,160.97	3/4	4,408.61	3/4	4,643.92	3/4		3/4		3/4		3/4		3/4	
3	3,635.51	3	3,902.75	3	4,166.33	3	4,413.59	3	4,649.39	3		3		3		3		3	
1/4	3,641.08	1/4	3,908.32	1/4	4,171.65	1/4	4,418.54	1/4	4,654.77	1/4		1/4		1/4		1/4		1/4	
1/2	3,646.64	1/2	3,913.89	1/2	4,176.98	1/2	4,423.49	1/2	4,660.14	1/2		1/2		1/2		1/2		1/2	
3/4	3,652.21	3/4	3,919.46	3/4	4,182.30	3/4	4,428.44	3/4	4,665.52	3/4		3/4		3/4		3/4		3/4	
4	3,657.78	4	3,925.02	4	4,187.63	4	4,433.40	4	4,670.89	4		4		4		4		4	
1/4	3,663.35	1/4	3,930.59	1/4	4,192.93	1/4	4,438.32	1/4	4,675.52	1/4		1/4		1/4		1/4		1/4	
1/2	3,668.91	1/2	3,936.16	1/2	4,198.22	1/2	4,443.24	1/2	4,680.14	1/2		1/2		1/2		1/2		1/2	
3/4	3,674.48	3/4	3,941.73	3/4	4,203.52	3/4	4,448.16	3/4	4,684.77	3/4		3/4		3/4		3/4		3/4	
5	3,680.05	5	3,947.29	5	4,208.82	5	4,453.09	5	4,689.39	5		5		5		5		5	
1/4	3,685.62	1/4	3,952.86	1/4	4,214.08	1/4	4,457.98	1/4	4,692.60	1/4		1/4		1/4		1/4		1/4	
1/2	3,691.18	1/2	3,958.43	1/2	4,219.35	1/2	4,462.88	1/2	4,695.82	1/2		1/2		1/2		1/2		1/2	
3/4	3,696.75	3/4	3,964.00	3/4	4,224.62	3/4	4,467.77	3/4	4,699.03	3/4		3/4		3/4		3/4		3/4	
6	3,702.32	6	3,969.56	6	4,229.89	6	4,472.66	6	4,702.25	6		6		6		6		6	
1/4	3,707.89	1/4	3,975.13	1/4	4,235.13	1/4	4,477.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,713.46	1/2	3,980.69	1/2	4,240.37	1/2	4,482.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,719.02	3/4	3,986.26	3/4	4,245.61	3/4	4,487.26	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,724.59	7	3,991.82	7	4,250.85	7	4,492.13	7		7		7		7		7		7	
1/4	3,730.16	1/4	3,997.37	1/4	4,256.06	1/4	4,496.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,735.73	1/2	4,002.92	1/2	4,261.27	1/2	4,501.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,741.29	3/4	4,008.47	3/4	4,266.49	3/4	4,506.64	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,746.86	8	4,014.02	8	4,271.70	8	4,511.48	8		8		8		8		8		8	
1/4	3,752.43	1/4	4,019.55	1/4	4,276.86	1/4	4,516.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,758.00	1/2	4,025.07	1/2	4,282.03	1/2	4,521.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,763.56	3/4	4,030.60	3/4	4,287.20	3/4	4,525.90	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,769.13	9	4,036.12	9	4,292.37	9	4,530.71	9		9		9		9		9		9	
1/4	3,774.70	1/4	4,041.62	1/4	4,297.49	1/4	4,535.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,780.27	1/2	4,047.11	1/2	4,302.61	1/2	4,540.21	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,785.83	3/4	4,052.61	3/4	4,307.73	3/4	4,544.96	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,791.40	10	4,058.11	10	4,312.85	10	4,549.70	10		10		10		10		10		10	
1/4	3,796.97	1/4	4,063.57	1/4	4,317.95	1/4	4,554.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,802.54	1/2	4,069.04	1/2	4,323.04	1/2	4,559.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,808.10	3/4	4,074.51	3/4	4,328.14	3/4	4,563.76	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,813.67	11	4,079.98	11	4,333.23	11	4,568.45	11		11		11		11		11		11	
1/4	3,819.24	1/4	4,085.42	1/4	4,338.29	1/4	4,573.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,824.81	1/2	4,090.86	1/2	4,343.36	1/2	4,577.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,830.37	3/4	4,096.30	3/4	4,348.42	3/4	4,582.43	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/09/2021 JS  
CALCULATED: 07/09/2021 CL  
PRINTED: 07/09/2021 JS

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>



CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2021



# BARGE CTC29108

## 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	00-1/4	- 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
1 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
2 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
2 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
3 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
3 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8

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

LENGTH BETWEEN DRAFT MARKS: 237'-03"

July 9, 2021

PRECISION MEASUREMENT  
 & ANALYSIS, INC.

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE CTC29108

# 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	4,298.14	0	3,990.04	0	3,665.35	0	3,334.00	0	3,002.64	0	2,671.28	0	2,339.91	0	2,008.55
1/4		1/4	4,590.17	1/4	4,291.89	1/4	3,983.44	1/4	3,658.45	1/4	3,327.10	1/4	2,995.74	1/4	2,664.37	1/4	2,333.01	1/4	2,001.65
1/2		1/2	4,585.38	1/2	4,285.62	1/2	3,976.81	1/2	3,651.55	1/2	3,320.19	1/2	2,988.83	1/2	2,657.47	1/2	2,326.11	1/2	1,994.74
3/4		3/4	4,580.59	3/4	4,279.34	3/4	3,970.18	3/4	3,644.65	3/4	3,313.29	3/4	2,981.93	3/4	2,650.57	3/4	2,319.20	3/4	1,987.83
1		1	4,575.80	1	4,273.07	1	3,963.55	1	3,637.74	1	3,306.39	1	2,975.03	1	2,643.66	1	2,312.30	1	1,980.93
1/4		1/4	4,571.00	1/4	4,266.80	1/4	3,956.93	1/4	3,630.84	1/4	3,299.48	1/4	2,968.12	1/4	2,636.76	1/4	2,305.40	1/4	1,974.02
1/2		1/2	4,564.92	1/2	4,260.50	1/2	3,950.27	1/2	3,623.94	1/2	3,292.58	1/2	2,961.22	1/2	2,629.86	1/2	2,298.49	1/2	1,967.12
3/4		3/4	4,558.83	3/4	4,254.20	3/4	3,943.62	3/4	3,617.03	3/4	3,285.68	3/4	2,954.32	3/4	2,622.95	3/4	2,291.59	3/4	1,960.21
2		2	4,552.74	2	4,247.90	2	3,936.96	2	3,610.13	2	3,278.77	2	2,947.41	2	2,616.05	2	2,284.69	2	1,953.30
1/4		1/4	4,546.66	1/4	4,241.60	1/4	3,930.31	1/4	3,603.23	1/4	3,271.87	1/4	2,940.51	1/4	2,609.15	1/4	2,277.78	1/4	1,946.40
1/2		1/2	4,539.88	1/2	4,235.27	1/2	3,923.63	1/2	3,596.32	1/2	3,264.97	1/2	2,933.61	1/2	2,602.24	1/2	2,270.88	1/2	1,939.49
3/4		3/4	4,533.10	3/4	4,228.95	3/4	3,916.95	3/4	3,589.42	3/4	3,258.06	3/4	2,926.70	3/4	2,595.34	3/4	2,263.98	3/4	1,932.59
3		3	4,526.33	3	4,222.62	3	3,910.27	3	3,582.52	3	3,251.16	3	2,919.80	3	2,588.44	3	2,257.07	3	1,925.68
1/4		1/4	4,519.55	1/4	4,216.29	1/4	3,903.59	1/4	3,575.61	1/4	3,244.26	1/4	2,912.90	1/4	2,581.53	1/4	2,250.17	1/4	1,918.77
1/2		1/2	4,512.69	1/2	4,209.94	1/2	3,896.88	1/2	3,568.71	1/2	3,237.35	1/2	2,905.99	1/2	2,574.63	1/2	2,243.27	1/2	1,911.87
3/4		3/4	4,505.82	3/4	4,203.59	3/4	3,890.17	3/4	3,561.81	3/4	3,230.45	3/4	2,899.09	3/4	2,567.73	3/4	2,236.36	3/4	1,904.96
4		4	4,498.96	4	4,197.24	4	3,883.47	4	3,554.90	4	3,223.55	4	2,892.19	4	2,560.82	4	2,229.46	4	1,898.06
1/4		1/4	4,492.10	1/4	4,190.88	1/4	3,876.76	1/4	3,548.00	1/4	3,216.64	1/4	2,885.28	1/4	2,553.92	1/4	2,222.56	1/4	1,891.15
1/2		1/2	4,485.43	1/2	4,184.51	1/2	3,870.03	1/2	3,541.10	1/2	3,209.74	1/2	2,878.38	1/2	2,547.02	1/2	2,215.65	1/2	1,884.24
3/4		3/4	4,478.76	3/4	4,178.13	3/4	3,863.30	3/4	3,534.19	3/4	3,202.84	3/4	2,871.48	3/4	2,540.11	3/4	2,208.75	3/4	1,877.34
5		5	4,472.09	5	4,171.75	5	3,856.56	5	3,527.29	5	3,195.93	5	2,864.57	5	2,533.21	5	2,201.85	5	1,870.43
1/4		1/4	4,465.42	1/4	4,165.37	1/4	3,849.83	1/4	3,520.39	1/4	3,189.03	1/4	2,857.67	1/4	2,526.31	1/4	2,194.94	1/4	1,863.52
1/2		1/2	4,459.13	1/2	4,158.97	1/2	3,843.07	1/2	3,513.49	1/2	3,182.13	1/2	2,850.77	1/2	2,519.40	1/2	2,188.04	1/2	1,856.62
3/4		3/4	4,452.84	3/4	4,152.56	3/4	3,836.31	3/4	3,506.58	3/4	3,175.22	3/4	2,843.86	3/4	2,512.50	3/4	2,181.14	3/4	1,849.71
6		6	4,446.55	6	4,146.16	6	3,829.55	6	3,499.68	6	3,168.32	6	2,836.96	6	2,505.60	6	2,174.23	6	1,842.81
1/4		1/4	4,440.26	1/4	4,139.75	1/4	3,822.79	1/4	3,492.78	1/4	3,161.42	1/4	2,830.06	1/4	2,498.69	1/4	2,167.33	1/4	1,835.90
1/2		1/2	4,434.14	1/2	4,133.32	1/2	3,816.01	1/2	3,485.87	1/2	3,154.51	1/2	2,823.15	1/2	2,491.79	1/2	2,160.43	1/2	1,828.99
3/4		3/4	4,428.02	3/4	4,126.89	3/4	3,809.22	3/4	3,478.97	3/4	3,147.61	3/4	2,816.25	3/4	2,484.89	3/4	2,153.52	3/4	1,822.09
7		7	4,421.91	7	4,120.46	7	3,802.44	7	3,472.07	7	3,140.71	7	2,809.35	7	2,477.98	7	2,146.62	7	1,815.18
1/4		1/4	4,415.79	1/4	4,114.03	1/4	3,795.65	1/4	3,465.16	1/4	3,133.80	1/4	2,802.44	1/4	2,471.08	1/4	2,139.72	1/4	1,808.28
1/2		1/2	4,409.65	1/2	4,107.57	1/2	3,788.84	1/2	3,458.26	1/2	3,126.90	1/2	2,795.54	1/2	2,464.18	1/2	2,132.81	1/2	1,801.37
3/4		3/4	4,403.50	3/4	4,101.11	3/4	3,782.03	3/4	3,451.36	3/4	3,120.00	3/4	2,788.64	3/4	2,457.27	3/4	2,125.91	3/4	1,794.46
8		8	4,397.36	8	4,094.66	8	3,775.22	8	3,444.45	8	3,113.09	8	2,781.73	8	2,450.37	8	2,119.01	8	1,787.56
1/4		1/4	4,391.22	1/4	4,088.20	1/4	3,768.41	1/4	3,437.55	1/4	3,106.19	1/4	2,774.83	1/4	2,443.47	1/4	2,112.10	1/4	1,780.65
1/2		1/2	4,385.05	1/2	4,081.72	1/2	3,761.57	1/2	3,430.65	1/2	3,099.29	1/2	2,767.93	1/2	2,436.56	1/2	2,105.20	1/2	1,773.75
3/4		3/4	4,378.88	3/4	4,075.23	3/4	3,754.73	3/4	3,423.74	3/4	3,092.38	3/4	2,761.02	3/4	2,429.66	3/4	2,098.30	3/4	1,766.84
9		9	4,372.71	9	4,068.75	9	3,747.89	9	3,416.84	9	3,085.48	9	2,754.12	9	2,422.76	9	2,091.39	9	1,759.93
1/4		1/4	4,366.54	1/4	4,062.27	1/4	3,741.06	1/4	3,409.94	1/4	3,078.58	1/4	2,747.22	1/4	2,415.85	1/4	2,084.49	1/4	1,753.03
1/2		1/2	4,360.35	1/2	4,055.74	1/2	3,734.19	1/2	3,403.03	1/2	3,071.67	1/2	2,740.31	1/2	2,408.95	1/2	2,077.59	1/2	1,746.12
3/4		3/4	4,354.16	3/4	4,049.21	3/4	3,727.33	3/4	3,396.13	3/4	3,064.77	3/4	2,733.41	3/4	2,402.05	3/4	2,070.68	3/4	1,739.21
10		10	4,347.96	10	4,042.68	10	3,720.46	10	3,389.23	10	3,057.87	10	2,726.51	10	2,395.14	10	2,063.78	10	1,732.31
1/4		1/4	4,341.77	1/4	4,036.15	1/4	3,713.60	1/4	3,382.32	1/4	3,050.96	1/4	2,719.60	1/4	2,388.24	1/4	2,056.88	1/4	1,725.40
1/2		1/2	4,335.54	1/2	4,029.57	1/2	3,706.71	1/2	3,375.42	1/2	3,044.06	1/2	2,712.70	1/2	2,381.34	1/2	2,049.98	1/2	1,718.50
3/4		3/4	4,329.32	3/4	4,023.00	3/4	3,699.83	3/4	3,368.52	3/4	3,037.16	3/4	2,705.80	3/4	2,374.43	3/4	2,043.07	3/4	1,711.59
11		11	4,323.10	11	4,016.42	11	3,692.94	11	3,361.61	11	3,030.25	11	2,698.89	11	2,367.53	11	2,036.17	11	1,704.68
1/4		1/4	4,316.88	1/4	4,009.85	1/4	3,686.05	1/4	3,354.71	1/4	3,023.35	1/4	2,691.99	1/4	2,360.63	1/4	2,029.27	1/4	1,697.78
1/2		1/2	4,310.63	1/2	4,003.24	1/2	3,679.15	1/2	3,347.81	1/2	3,016.45	1/2	2,685.08	1/2	2,353.72	1/2	2,022.37	1/2	1,690.87
3/4		3/4	4,304.39	3/4	3,996.64	3/4	3,672.25	3/4	3,340.90	3/4	3,009.54	3/4	2,678.18	3/4	2,346.82	3/4	2,015.46	3/4	1,683.97

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" HERMETIC VALVE.  
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 44'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE CTC29108

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,677.06	0	1,345.57	0	1,014.37	0	697.60	0	404.18	0	132.80	0		0		0		0	
1/4	1,670.15	1/4	1,338.66	1/4	1,007.52	1/4	691.24	1/4	398.28	1/4	127.37	1/4		1/4		1/4		1/4	
1/2	1,663.25	1/2	1,331.76	1/2	1,000.72	1/2	684.92	1/2	392.42	1/2	121.98	1/2		1/2		1/2		1/2	
3/4	1,656.34	3/4	1,324.85	3/4	993.91	3/4	678.61	3/4	386.56	3/4	116.59	3/4		3/4		3/4		3/4	
1	1,649.44	1	1,317.94	1	987.10	1	672.30	1	380.70	1	111.20	1		1		1		1	
1/4	1,642.53	1/4	1,311.04	1/4	980.29	1/4	665.99	1/4	374.84	1/4	105.81	1/4		1/4		1/4		1/4	
1/2	1,635.62	1/2	1,304.13	1/2	973.53	1/2	659.71	1/2	369.01	1/2	100.46	1/2		1/2		1/2		1/2	
3/4	1,628.72	3/4	1,297.22	3/4	966.76	3/4	653.44	3/4	363.19	3/4	95.11	3/4		3/4		3/4		3/4	
2	1,621.81	2	1,290.32	2	959.99	2	647.17	2	357.37	2	89.77	2		2		2		2	
1/4	1,614.91	1/4	1,283.41	1/4	953.22	1/4	640.89	1/4	351.55	1/4	84.42	1/4		1/4		1/4		1/4	
1/2	1,608.00	1/2	1,276.51	1/2	946.49	1/2	634.66	1/2	345.76	1/2	79.11	1/2		1/2		1/2		1/2	
3/4	1,601.09	3/4	1,269.60	3/4	939.76	3/4	628.43	3/4	339.98	3/4	73.80	3/4		3/4		3/4		3/4	
3	1,594.19	3	1,262.69	3	933.04	3	622.19	3	334.20	3	68.49	3		3		3		3	
1/4	1,587.28	1/4	1,255.79	1/4	926.31	1/4	615.96	1/4	328.42	1/4	63.18	1/4		1/4		1/4		1/4	
1/2	1,580.37	1/2	1,248.88	1/2	919.62	1/2	609.76	1/2	322.68	1/2	57.90	1/2		1/2		1/2		1/2	
3/4	1,573.47	3/4	1,241.98	3/4	912.93	3/4	603.57	3/4	316.94	3/4	52.63	3/4		3/4		3/4		3/4	
4	1,566.56	4	1,235.07	4	906.24	4	597.37	4	311.20	4	47.36	4		4		4		4	
1/4	1,559.66	1/4	1,228.16	1/4	899.55	1/4	591.18	1/4	305.46	1/4	42.09	1/4		1/4		1/4		1/4	
1/2	1,552.75	1/2	1,221.26	1/2	892.90	1/2	585.03	1/2	299.76	1/2	37.44	1/2		1/2		1/2		1/2	
3/4	1,545.84	3/4	1,214.35	3/4	886.25	3/4	886.25	3/4	294.06	3/4	32.78	3/4		3/4		3/4		3/4	
5	1,538.94	5	1,207.45	5	879.60	5	572.72	5	288.37	5	28.13	5		5		5		5	
1/4	1,532.03	1/4	1,200.54	1/4	872.95	1/4	566.56	1/4	282.67	1/4	23.47	1/4		1/4		1/4		1/4	
1/2	1,525.13	1/2	1,193.63	1/2	866.34	1/2	560.45	1/2	277.00	1/2	20.14	1/2		1/2		1/2		1/2	
3/4	1,518.22	3/4	1,186.73	3/4	859.73	3/4	554.34	3/4	271.34	3/4	16.81	3/4		3/4		3/4		3/4	
6	1,511.31	6	1,179.82	6	853.12	6	548.22	6	265.68	6	13.48	6		6		6		6	
1/4	1,504.41	1/4	1,172.91	1/4	846.51	1/4	542.11	1/4	260.01	1/4	10.16	1/4		1/4		1/4		1/4	
1/2	1,497.50	1/2	1,166.01	1/2	839.94	1/2	536.04	1/2	254.39	1/2		1/2		1/2		1/2		1/2	
3/4	1,490.60	3/4	1,159.10	3/4	833.37	3/4	529.96	3/4	248.76	3/4		3/4		3/4		3/4		3/4	
7	1,483.69	7	1,152.20	7	826.80	7	523.89	7	243.14	7		7		7		7		7	
1/4	1,476.78	1/4	1,145.29	1/4	820.22	1/4	517.81	1/4	237.51	1/4		1/4		1/4		1/4		1/4	
1/2	1,469.88	1/2	1,138.38	1/2	813.69	1/2	511.77	1/2	231.93	1/2		1/2		1/2		1/2		1/2	
3/4	1,462.97	3/4	1,131.48	3/4	807.16	3/4	505.72	3/4	226.34	3/4		3/4		3/4		3/4		3/4	
8	1,456.06	8	1,124.57	8	800.63	8	499.68	8	220.75	8		8		8		8		8	
1/4	1,449.16	1/4	1,117.67	1/4	794.10	1/4	493.63	1/4	215.17	1/4		1/4		1/4		1/4		1/4	
1/2	1,442.25	1/2	1,110.76	1/2	787.61	1/2	487.62	1/2	209.62	1/2		1/2		1/2		1/2		1/2	
3/4	1,435.35	3/4	1,103.85	3/4	781.11	3/4	481.60	3/4	204.07	3/4		3/4		3/4		3/4		3/4	
9	1,428.44	9	1,096.95	9	774.62	9	475.59	9	198.53	9		9		9		9		9	
1/4	1,421.53	1/4	1,090.04	1/4	768.13	1/4	469.57	1/4	192.98	1/4		1/4		1/4		1/4		1/4	
1/2	1,414.63	1/2	1,083.14	1/2	761.68	1/2	463.59	1/2	187.47	1/2		1/2		1/2		1/2		1/2	
3/4	1,407.72	3/4	1,076.24	3/4	755.22	3/4	457.61	3/4	181.97	3/4		3/4		3/4		3/4		3/4	
10	1,400.82	10	1,069.34	10	748.77	10	451.63	10	176.46	10		10		10		10		10	
1/4	1,393.91	1/4	1,062.44	1/4	742.32	1/4	445.65	1/4	170.95	1/4		1/4		1/4		1/4		1/4	
1/2	1,387.00	1/2	1,055.56	1/2	735.91	1/2	439.71	1/2	165.49	1/2		1/2		1/2		1/2		1/2	
3/4	1,380.10	3/4	1,048.67	3/4	729.50	3/4	433.77	3/4	160.02	3/4		3/4		3/4		3/4		3/4	
11	1,373.19	11	1,041.79	11	723.09	11	427.83	11	154.55	11		11		11		11		11	
1/4	1,366.29	1/4	1,034.91	1/4	716.68	1/4	421.89	1/4	149.08	1/4		1/4		1/4		1/4		1/4	
1/2	1,359.38	1/2	1,028.07	1/2	710.32	1/2	415.99	1/2	143.65	1/2		1/2		1/2		1/2		1/2	
3/4	1,352.47	3/4	1,021.22	3/4	703.96	3/4	410.08	3/4	138.23	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/09/2021 JS  
CALCULATED: 07/09/2021 CL  
PRINTED: 07/09/2021 JS

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2021





# BARGE CTC29108

# 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	4,288.49	0	3,981.82	0	3,658.54	0	3,328.33	0	2,998.11	0	2,667.88	0	2,337.65	0	2,007.41
1/4		1/4		1/4	4,282.26	1/4	3,975.24	1/4	3,651.67	1/4	3,321.45	1/4	2,991.23	1/4	2,661.00	1/4	2,330.77	1/4	2,000.53
1/2		1/2	4,573.28	1/2	4,276.04	1/2	3,968.66	1/2	3,644.79	1/2	3,314.57	1/2	2,984.35	1/2	2,654.12	1/2	2,323.89	1/2	1,993.65
3/4		3/4	4,568.50	3/4	4,269.79	3/4	3,962.05	3/4	3,637.91	3/4	3,307.69	3/4	2,977.47	3/4	2,647.24	3/4	2,317.01	3/4	1,986.77
1		1	4,563.73	1	4,263.53	1	3,955.45	1	3,631.03	1	3,300.81	1	2,970.59	1	2,640.36	1	2,310.13	1	1,979.88
1/4		1/4	4,558.95	1/4	4,257.28	1/4	3,948.84	1/4	3,624.15	1/4	3,293.93	1/4	2,963.71	1/4	2,633.48	1/4	2,303.25	1/4	1,973.00
1/2		1/2	4,554.18	1/2	4,251.03	1/2	3,942.24	1/2	3,617.27	1/2	3,287.05	1/2	2,956.83	1/2	2,626.60	1/2	2,296.37	1/2	1,966.12
3/4		3/4	4,548.11	3/4	4,244.75	3/4	3,935.61	3/4	3,610.39	3/4	3,280.17	3/4	2,949.95	3/4	2,619.72	3/4	2,289.49	3/4	1,959.24
2		2	4,542.05	2	4,238.48	2	3,928.97	2	3,603.51	2	3,273.29	2	2,943.07	2	2,612.84	2	2,282.61	2	1,952.35
1/4		1/4	4,535.98	1/4	4,232.20	1/4	3,922.34	1/4	3,596.63	1/4	3,266.41	1/4	2,936.19	1/4	2,605.96	1/4	2,275.73	1/4	1,945.47
1/2		1/2	4,529.92	1/2	4,225.92	1/2	3,915.71	1/2	3,589.75	1/2	3,259.53	1/2	2,929.31	1/2	2,599.08	1/2	2,268.85	1/2	1,938.59
3/4		3/4	4,523.16	3/4	4,219.62	3/4	3,909.06	3/4	3,582.87	3/4	3,252.65	3/4	2,922.43	3/4	2,592.20	3/4	2,261.97	3/4	1,931.71
3		3	4,516.41	3	4,213.31	3	3,902.40	3	3,575.99	3	3,245.77	3	2,915.55	3	2,585.32	3	2,255.09	3	1,924.82
1/4		1/4	4,509.66	1/4	4,207.01	1/4	3,895.74	1/4	3,569.11	1/4	3,238.89	1/4	2,908.67	1/4	2,578.44	1/4	2,248.21	1/4	1,917.94
1/2		1/2	4,502.90	1/2	4,200.70	1/2	3,889.08	1/2	3,562.23	1/2	3,232.01	1/2	2,901.79	1/2	2,571.56	1/2	2,241.34	1/2	1,911.06
3/4		3/4	4,496.06	3/4	4,194.37	3/4	3,882.40	3/4	3,555.35	3/4	3,225.13	3/4	2,894.91	3/4	2,564.68	3/4	2,234.46	3/4	1,904.18
4		4	4,489.22	4	4,188.04	4	3,875.72	4	3,548.47	4	3,218.25	4	2,888.03	4	2,557.80	4	2,227.58	4	1,897.30
1/4		1/4	4,482.38	1/4	4,181.71	1/4	3,869.03	1/4	3,541.59	1/4	3,211.37	1/4	2,881.15	1/4	2,550.92	1/4	2,220.70	1/4	1,890.41
1/2		1/2	4,475.54	1/2	4,175.38	1/2	3,862.35	1/2	3,534.71	1/2	3,204.49	1/2	2,874.27	1/2	2,544.04	1/2	2,213.82	1/2	1,883.53
3/4		3/4	4,468.90	3/4	4,169.03	3/4	3,855.64	3/4	3,527.84	3/4	3,197.61	3/4	2,867.39	3/4	2,537.16	3/4	2,206.94	3/4	1,876.65
5		5	4,462.25	5	4,162.67	5	3,848.93	5	3,520.96	5	3,190.73	5	2,860.51	5	2,530.28	5	2,200.06	5	1,869.77
1/4		1/4	4,455.60	1/4	4,156.31	1/4	3,842.22	1/4	3,514.08	1/4	3,183.86	1/4	2,853.63	1/4	2,523.40	1/4	2,193.18	1/4	1,862.88
1/2		1/2	4,448.95	1/2	4,149.96	1/2	3,835.51	1/2	3,507.20	1/2	3,176.98	1/2	2,846.75	1/2	2,516.52	1/2	2,186.30	1/2	1,856.00
3/4		3/4	4,442.69	3/4	4,143.58	3/4	3,828.77	3/4	3,500.32	3/4	3,170.10	3/4	2,839.87	3/4	2,509.64	3/4	2,179.42	3/4	1,849.12
6		6	4,436.42	6	4,137.19	6	3,822.04	6	3,493.44	6	3,163.22	6	2,832.99	6	2,502.76	6	2,172.54	6	1,842.24
1/4		1/4	4,430.15	1/4	4,130.81	1/4	3,815.30	1/4	3,486.56	1/4	3,156.34	1/4	2,826.11	1/4	2,495.88	1/4	2,165.66	1/4	1,835.36
1/2		1/2	4,423.88	1/2	4,124.43	1/2	3,808.57	1/2	3,479.68	1/2	3,149.46	1/2	2,819.23	1/2	2,489.00	1/2	2,158.78	1/2	1,828.47
3/4		3/4	4,417.79	3/4	4,118.02	3/4	3,801.80	3/4	3,472.80	3/4	3,142.58	3/4	2,812.35	3/4	2,482.12	3/4	2,151.90	3/4	1,821.59
7		7	4,411.69	7	4,111.61	7	3,795.04	7	3,465.92	7	3,135.70	7	2,805.47	7	2,475.24	7	2,145.02	7	1,814.71
1/4		1/4	4,405.60	1/4	4,105.20	1/4	3,788.28	1/4	3,459.04	1/4	3,128.82	1/4	2,798.59	1/4	2,468.37	1/4	2,138.14	1/4	1,807.83
1/2		1/2	4,399.50	1/2	4,098.79	1/2	3,781.52	1/2	3,452.16	1/2	3,121.94	1/2	2,791.71	1/2	2,461.49	1/2	2,131.26	1/2	1,800.94
3/4		3/4	4,393.38	3/4	4,092.36	3/4	3,774.73	3/4	3,445.28	3/4	3,115.06	3/4	2,784.83	3/4	2,454.61	3/4	2,124.38	3/4	1,794.06
8		8	4,387.26	8	4,085.93	8	3,767.94	8	3,438.40	8	3,108.18	8	2,777.95	8	2,447.73	8	2,117.50	8	1,787.18
1/4		1/4	4,381.14	1/4	4,079.49	1/4	3,761.15	1/4	3,431.52	1/4	3,101.30	1/4	2,771.07	1/4	2,440.85	1/4	2,110.62	1/4	1,780.30
1/2		1/2	4,375.02	1/2	4,073.06	1/2	3,754.37	1/2	3,424.64	1/2	3,094.42	1/2	2,764.19	1/2	2,433.97	1/2	2,103.74	1/2	1,773.41
3/4		3/4	4,368.87	3/4	4,066.59	3/4	3,747.55	3/4	3,417.76	3/4	3,087.54	3/4	2,757.31	3/4	2,427.09	3/4	2,096.86	3/4	1,766.53
9		9	4,362.72	9	4,060.13	9	3,740.74	9	3,410.88	9	3,080.66	9	2,750.43	9	2,420.21	9	2,089.98	9	1,759.65
1/4		1/4	4,356.58	1/4	4,053.67	1/4	3,733.92	1/4	3,404.00	1/4	3,073.78	1/4	2,743.55	1/4	2,413.33	1/4	2,083.10	1/4	1,752.77
1/2		1/2	4,350.43	1/2	4,047.21	1/2	3,727.11	1/2	3,397.12	1/2	3,066.90	1/2	2,736.67	1/2	2,406.45	1/2	2,076.22	1/2	1,745.89
3/4		3/4	4,344.26	3/4	4,040.71	3/4	3,720.27	3/4	3,390.24	3/4	3,060.02	3/4	2,729.79	3/4	2,399.57	3/4	2,069.34	3/4	1,739.00
10		10	4,338.08	10	4,034.20	10	3,713.43	10	3,383.36	10	3,053.14	10	2,722.91	10	2,392.69	10	2,062.46	10	1,732.12
1/4		1/4	4,331.91	1/4	4,027.69	1/4	3,706.59	1/4	3,376.48	1/4	3,046.26	1/4	2,716.03	1/4	2,385.81	1/4	2,055.58	1/4	1,725.24
1/2		1/2	4,325.74	1/2	4,021.19	1/2	3,699.75	1/2	3,369.60	1/2	3,039.38	1/2	2,709.15	1/2	2,378.93	1/2	2,048.70	1/2	1,718.36
3/4		3/4	4,319.54	3/4	4,014.63	3/4	3,692.88	3/4	3,362.72	3/4	3,032.50	3/4	2,702.28	3/4	2,372.05	3/4	2,041.82	3/4	1,711.47
11		11	4,313.34	11	4,008.08	11	3,686.02	11	3,355.85	11	3,025.62	11	2,695.40	11	2,365.17	11	2,034.94	11	1,704.59
1/4		1/4	4,307.14	1/4	4,001.53	1/4	3,679.16	1/4	3,348.97	1/4	3,018.74	1/4	2,688.52	1/4	2,358.29	1/4	2,028.06	1/4	1,697.71
1/2		1/2	4,300.94	1/2	3,994.97	1/2	3,672.29	1/2	3,342.09	1/2	3,011.87	1/2	2,681.64	1/2	2,351.41	1/2	2,021.18	1/2	1,690.83
3/4		3/4	4,294.71	3/4	3,988.39	3/4	3,665.42	3/4	3,335.21	3/4	3,004.99	3/4	2,674.76	3/4	2,344.53	3/4	2,014.29	3/4	1,683.94

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" HERMETIC VALVE.  
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 44'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE CTC29108

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,677.06	0	1,346.71	0	1,016.62	0	701.43	0	408.61	0	137.73	0		0		0		0	
1/4	1,670.18	1/4	1,339.83	1/4	1,009.81	1/4	695.11	1/4	402.73	1/4	132.32	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,663.30	1/2	1,332.95	1/2	1,002.99	1/2	688.78	1/2	396.85	1/2	126.91	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,656.42	3/4	1,326.06	3/4	996.23	3/4	682.49	3/4	391.01	3/4	121.54	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,649.53	1	1,319.18	1	989.47	1	676.20	1	385.17	1	116.17	1	1	1	1	1	1	1	1
1/4	1,642.65	1/4	1,312.30	1/4	982.70	1/4	669.91	1/4	379.33	1/4	110.80	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,635.77	1/2	1,305.42	1/2	975.94	1/2	663.62	1/2	373.49	1/2	105.43	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,628.89	3/4	1,298.54	3/4	969.22	3/4	657.37	3/4	367.69	3/4	100.10	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,622.00	2	1,291.65	2	962.49	2	651.11	2	361.89	2	94.77	2	2	2	2	2	2	2	2
1/4	1,615.12	1/4	1,284.77	1/4	955.77	1/4	644.86	1/4	356.09	1/4	89.44	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,608.24	1/2	1,277.89	1/2	949.05	1/2	638.61	1/2	350.28	1/2	84.11	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,601.36	3/4	1,271.01	3/4	942.36	3/4	632.40	3/4	344.52	3/4	78.82	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,594.47	3	1,264.12	3	935.68	3	626.19	3	338.76	3	73.53	3	3	3	3	3	3	3	3
1/4	1,587.59	1/4	1,257.24	1/4	928.99	1/4	619.98	1/4	333.00	1/4	68.24	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,580.71	1/2	1,250.36	1/2	922.31	1/2	613.76	1/2	327.24	1/2	62.95	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,573.83	3/4	1,243.48	3/4	915.67	3/4	607.59	3/4	321.52	3/4	57.70	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,566.95	4	1,236.59	4	909.02	4	601.42	4	315.80	4	52.44	4	4	4	4	4	4	4	4
1/4	1,560.06	1/4	1,229.71	1/4	902.38	1/4	595.24	1/4	310.08	1/4	47.19	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,553.18	1/2	1,222.83	1/2	895.73	1/2	589.07	1/2	304.37	1/2	41.94	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,546.30	3/4	1,215.95	3/4	889.13	3/4	582.94	3/4	298.69	3/4	37.30	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,539.42	5	1,209.07	5	882.52	5	576.81	5	293.01	5	32.66	5	5	5	5	5	5	5	5
1/4	1,532.53	1/4	1,202.18	1/4	875.91	1/4	570.67	1/4	287.33	1/4	28.03	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,525.65	1/2	1,195.30	1/2	869.31	1/2	564.54	1/2	281.65	1/2	23.39	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,518.77	3/4	1,188.42	3/4	862.74	3/4	558.45	3/4	276.01	3/4	20.07	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,511.89	6	1,181.54	6	856.18	6	552.36	6	270.36	6	16.75	6	6	6	6	6	6	6	6
1/4	1,505.00	1/4	1,174.65	1/4	849.61	1/4	546.27	1/4	264.72	1/4	13.44	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,498.12	1/2	1,167.77	1/2	843.04	1/2	540.18	1/2	259.08	1/2	10.13	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,491.24	3/4	1,160.89	3/4	836.52	3/4	534.12	3/4	253.47	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,484.36	7	1,154.01	7	829.99	7	528.07	7	247.87	7		7	7	7	7	7	7	7	7
1/4	1,477.48	1/4	1,147.13	1/4	823.46	1/4	522.02	1/4	242.26	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,470.59	1/2	1,140.24	1/2	816.94	1/2	515.96	1/2	236.66	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,463.71	3/4	1,133.36	3/4	810.45	3/4	509.94	3/4	231.09	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,456.83	8	1,126.48	8	803.96	8	503.92	8	225.52	8		8	8	8	8	8	8	8	8
1/4	1,449.95	1/4	1,119.60	1/4	797.47	1/4	497.89	1/4	219.96	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,443.06	1/2	1,112.71	1/2	790.98	1/2	491.87	1/2	214.39	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,436.18	3/4	1,105.83	3/4	784.54	3/4	485.87	3/4	208.87	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,429.30	9	1,098.95	9	778.09	9	479.88	9	203.34	9		9	9	9	9	9	9	9	9
1/4	1,422.42	1/4	1,092.07	1/4	771.64	1/4	473.88	1/4	197.81	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,415.53	1/2	1,085.18	1/2	765.19	1/2	467.89	1/2	192.29	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,408.65	3/4	1,078.31	3/4	758.78	3/4	461.93	3/4	186.80	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,401.77	10	1,071.43	10	752.37	10	455.97	10	181.31	10		10	10	10	10	10	10	10	10
1/4	1,394.89	1/4	1,064.55	1/4	745.96	1/4	450.01	1/4	175.82	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,388.01	1/2	1,057.67	1/2	739.55	1/2	444.05	1/2	170.34	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,381.12	3/4	1,050.82	3/4	733.19	3/4	438.13	3/4	164.89	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,374.24	11	1,043.96	11	726.82	11	432.21	11	159.44	11		11	11	11	11	11	11	11	11
1/4	1,367.36	1/4	1,037.10	1/4	720.45	1/4	426.30	1/4	153.99	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,360.48	1/2	1,030.24	1/2	714.09	1/2	420.38	1/2	148.54	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,353.59	3/4	1,023.43	3/4	707.76	3/4	414.50	3/4	143.14	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: 07/09/2021 JS  
CALCULATED: 07/09/2021 CL  
PRINTED: 07/09/2021 JS

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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Pearland, Texas 77588  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2021



# BARGE CTC29108

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
		1/4	5,561.03	1/4	5,211.32	1/4	4,849.68	1/4	4,468.63	1/4	4,080.11	1/4	3,691.58	1/4	3,303.05	1/4	2,914.52	1/4	2,525.96
1/2		1/2	5,555.41	1/2	5,203.96	1/2	4,841.91	1/2	4,460.54	1/2	4,072.01	1/2	3,683.48	1/2	3,294.95	1/2	2,906.42	1/2	2,517.87
3/4		3/4	5,549.79	3/4	5,196.61	3/4	4,834.14	3/4	4,452.44	3/4	4,063.92	3/4	3,675.39	3/4	3,286.86	3/4	2,898.33	3/4	2,509.77
<b>1</b>	<b>1</b>	<b>1</b>	<b>5,544.18</b>	<b>1</b>	<b>5,189.25</b>	<b>1</b>	<b>4,826.37</b>	<b>1</b>	<b>4,444.35</b>	<b>1</b>	<b>4,055.82</b>	<b>1</b>	<b>3,667.30</b>	<b>1</b>	<b>3,278.77</b>	<b>1</b>	<b>2,890.23</b>	<b>1</b>	<b>2,501.67</b>
1/4		1/4	5,538.56	1/4	5,181.90	1/4	4,818.59	1/4	4,436.25	1/4	4,047.73	1/4	3,659.20	1/4	3,270.67	1/4	2,882.14	1/4	2,493.57
1/2		1/2	5,531.42	1/2	5,174.51	1/2	4,810.79	1/2	4,428.16	1/2	4,039.63	1/2	3,651.11	1/2	3,262.58	1/2	2,874.05	1/2	2,485.48
3/4		3/4	5,524.28	3/4	5,167.13	3/4	4,802.99	3/4	4,420.07	3/4	4,031.54	3/4	3,643.01	3/4	3,254.48	3/4	2,865.95	3/4	2,477.38
<b>2</b>	<b>2</b>	<b>2</b>	<b>5,517.15</b>	<b>2</b>	<b>5,159.74</b>	<b>2</b>	<b>4,795.19</b>	<b>2</b>	<b>4,411.97</b>	<b>2</b>	<b>4,023.45</b>	<b>2</b>	<b>3,634.92</b>	<b>2</b>	<b>3,246.39</b>	<b>2</b>	<b>2,857.86</b>	<b>2</b>	<b>2,469.28</b>
1/4		1/4	5,510.01	1/4	5,152.35	1/4	4,787.39	1/4	4,403.88	1/4	4,015.35	1/4	3,626.82	1/4	3,238.29	1/4	2,849.76	1/4	2,461.18
1/2		1/2	5,502.06	1/2	5,144.94	1/2	4,779.55	1/2	4,395.78	1/2	4,007.26	1/2	3,618.73	1/2	3,230.20	1/2	2,841.67	1/2	2,453.09
3/4		3/4	5,494.12	3/4	5,137.52	3/4	4,771.72	3/4	4,387.69	3/4	3,999.16	3/4	3,610.64	3/4	3,222.10	3/4	2,833.57	3/4	2,444.99
<b>3</b>	<b>3</b>	<b>3</b>	<b>5,486.17</b>	<b>3</b>	<b>5,130.10</b>	<b>3</b>	<b>4,763.89</b>	<b>3</b>	<b>4,379.59</b>	<b>3</b>	<b>3,991.07</b>	<b>3</b>	<b>3,602.54</b>	<b>3</b>	<b>3,214.01</b>	<b>3</b>	<b>2,825.48</b>	<b>3</b>	<b>2,436.89</b>
1/4		1/4	5,478.22	1/4	5,122.69	1/4	4,756.05	1/4	4,371.50	1/4	3,982.97	1/4	3,594.45	1/4	3,205.92	1/4	2,817.38	1/4	2,428.79
1/2		1/2	5,470.18	1/2	5,115.24	1/2	4,748.19	1/2	4,363.41	1/2	3,974.88	1/2	3,586.35	1/2	3,197.82	1/2	2,809.29	1/2	2,420.70
3/4		3/4	5,462.13	3/4	5,107.79	3/4	4,740.33	3/4	4,355.31	3/4	3,966.79	3/4	3,578.26	3/4	3,189.73	3/4	2,801.20	3/4	2,412.60
<b>4</b>	<b>4</b>	<b>4</b>	<b>5,454.08</b>	<b>4</b>	<b>5,100.34</b>	<b>4</b>	<b>4,732.46</b>	<b>4</b>	<b>4,347.22</b>	<b>4</b>	<b>3,958.69</b>	<b>4</b>	<b>3,570.16</b>	<b>4</b>	<b>3,181.63</b>	<b>4</b>	<b>2,793.10</b>	<b>4</b>	<b>2,404.50</b>
1/4		1/4	5,446.04	1/4	5,092.90	1/4	4,724.60	1/4	4,339.12	1/4	3,950.60	1/4	3,562.07	1/4	3,173.54	1/4	2,785.01	1/4	2,396.40
1/2		1/2	5,438.22	1/2	5,085.42	1/2	4,716.71	1/2	4,331.03	1/2	3,942.50	1/2	3,553.98	1/2	3,165.44	1/2	2,776.91	1/2	2,388.31
3/4		3/4	5,430.40	3/4	5,077.94	3/4	4,708.81	3/4	4,322.93	3/4	3,934.41	3/4	3,545.88	3/4	3,157.35	3/4	2,768.82	3/4	2,380.21
<b>5</b>	<b>5</b>	<b>5</b>	<b>5,422.58</b>	<b>5</b>	<b>5,070.46</b>	<b>5</b>	<b>4,700.92</b>	<b>5</b>	<b>4,314.84</b>	<b>5</b>	<b>3,926.31</b>	<b>5</b>	<b>3,537.79</b>	<b>5</b>	<b>3,149.26</b>	<b>5</b>	<b>2,760.72</b>	<b>5</b>	<b>2,372.11</b>
1/4		1/4	5,414.75	1/4	5,062.98	1/4	4,693.02	1/4	4,306.75	1/4	3,918.22	1/4	3,529.69	1/4	3,141.16	1/4	2,752.63	1/4	2,364.01
1/2		1/2	5,407.38	1/2	5,055.48	1/2	4,685.10	1/2	4,298.65	1/2	3,910.12	1/2	3,521.60	1/2	3,133.07	1/2	2,744.54	1/2	2,355.92
3/4		3/4	5,400.01	3/4	5,047.97	3/4	4,677.17	3/4	4,290.56	3/4	3,902.03	3/4	3,513.50	3/4	3,124.97	3/4	2,736.44	3/4	2,347.82
<b>6</b>	<b>6</b>	<b>6</b>	<b>5,392.63</b>	<b>6</b>	<b>5,040.46</b>	<b>6</b>	<b>4,669.25</b>	<b>6</b>	<b>4,282.46</b>	<b>6</b>	<b>3,893.94</b>	<b>6</b>	<b>3,505.41</b>	<b>6</b>	<b>3,116.88</b>	<b>6</b>	<b>2,728.35</b>	<b>6</b>	<b>2,339.72</b>
1/4		1/4	5,385.26	1/4	5,032.95	1/4	4,661.32	1/4	4,274.37	1/4	3,885.84	1/4	3,497.31	1/4	3,108.78	1/4	2,720.25	1/4	2,331.62
1/2		1/2	5,378.09	1/2	5,025.41	1/2	4,653.37	1/2	4,266.27	1/2	3,877.75	1/2	3,489.22	1/2	3,100.69	1/2	2,712.16	1/2	2,323.53
3/4		3/4	5,370.92	3/4	5,017.87	3/4	4,645.41	3/4	4,258.18	3/4	3,869.65	3/4	3,481.13	3/4	3,092.59	3/4	2,704.06	3/4	2,315.43
<b>7</b>	<b>7</b>	<b>7</b>	<b>5,363.75</b>	<b>7</b>	<b>5,010.33</b>	<b>7</b>	<b>4,637.45</b>	<b>7</b>	<b>4,250.09</b>	<b>7</b>	<b>3,861.56</b>	<b>7</b>	<b>3,473.03</b>	<b>7</b>	<b>3,084.50</b>	<b>7</b>	<b>2,695.97</b>	<b>7</b>	<b>2,307.33</b>
1/4		1/4	5,356.57	1/4	5,002.79	1/4	4,629.50	1/4	4,241.99	1/4	3,853.46	1/4	3,464.94	1/4	3,076.41	1/4	2,687.87	1/4	2,299.23
1/2		1/2	5,349.37	1/2	4,995.22	1/2	4,621.51	1/2	4,233.90	1/2	3,845.37	1/2	3,456.84	1/2	3,068.31	1/2	2,679.78	1/2	2,291.14
3/4		3/4	5,342.17	3/4	4,987.65	3/4	4,613.53	3/4	4,225.80	3/4	3,837.28	3/4	3,448.75	3/4	3,060.22	3/4	2,671.69	3/4	2,283.04
<b>8</b>	<b>8</b>	<b>8</b>	<b>5,334.97</b>	<b>8</b>	<b>4,980.08</b>	<b>8</b>	<b>4,605.54</b>	<b>8</b>	<b>4,217.71</b>	<b>8</b>	<b>3,829.18</b>	<b>8</b>	<b>3,440.65</b>	<b>8</b>	<b>3,052.12</b>	<b>8</b>	<b>2,663.59</b>	<b>8</b>	<b>2,274.94</b>
1/4		1/4	5,327.77	1/4	4,972.51	1/4	4,597.55	1/4	4,209.61	1/4	3,821.09	1/4	3,432.56	1/4	3,044.03	1/4	2,655.50	1/4	2,266.84
1/2		1/2	5,320.54	1/2	4,964.91	1/2	4,589.53	1/2	4,201.52	1/2	3,812.99	1/2	3,424.46	1/2	3,035.93	1/2	2,647.40	1/2	2,258.75
3/4		3/4	5,313.31	3/4	4,957.31	3/4	4,581.52	3/4	4,193.43	3/4	3,804.90	3/4	3,416.37	3/4	3,027.84	3/4	2,639.31	3/4	2,250.65
<b>9</b>	<b>9</b>	<b>9</b>	<b>5,306.07</b>	<b>9</b>	<b>4,949.71</b>	<b>9</b>	<b>4,573.50</b>	<b>9</b>	<b>4,185.33</b>	<b>9</b>	<b>3,796.80</b>	<b>9</b>	<b>3,408.28</b>	<b>9</b>	<b>3,019.74</b>	<b>9</b>	<b>2,631.21</b>	<b>9</b>	<b>2,242.55</b>
1/4		1/4	5,298.84	1/4	4,942.10	1/4	4,565.48	1/4	4,177.24	1/4	3,788.71	1/4	3,400.18	1/4	3,011.65	1/4	2,623.12	1/4	2,234.45
1/2		1/2	5,291.58	1/2	4,934.45	1/2	4,557.43	1/2	4,169.14	1/2	3,780.62	1/2	3,392.09	1/2	3,003.56	1/2	2,615.03	1/2	2,226.36
3/4		3/4	5,284.32	3/4	4,926.79	3/4	4,549.39	3/4	4,161.05	3/4	3,772.52	3/4	3,383.99	3/4	2,995.46	3/4	2,606.93	3/4	2,218.26
<b>10</b>	<b>10</b>	<b>10</b>	<b>5,277.05</b>	<b>10</b>	<b>4,919.14</b>	<b>10</b>	<b>4,541.34</b>	<b>10</b>	<b>4,152.95</b>	<b>10</b>	<b>3,764.43</b>	<b>10</b>	<b>3,375.90</b>	<b>10</b>	<b>2,987.37</b>	<b>10</b>	<b>2,598.84</b>	<b>10</b>	<b>2,210.16</b>
1/4		1/4	5,269.79	1/4	4,911.48	1/4	4,533.29	1/4	4,144.86	1/4	3,756.33	1/4	3,367.80	1/4	2,979.27	1/4	2,590.74	1/4	2,202.06
1/2		1/2	5,262.50	1/2	4,903.77	1/2	4,525.22	1/2	4,136.77	1/2	3,748.24	1/2	3,359.71	1/2	2,971.18	1/2	2,582.65	1/2	2,193.97
3/4		3/4	5,255.20	3/4	4,896.06	3/4	4,517.14	3/4	4,128.67	3/4	3,740.14	3/4	3,351.62	3/4	2,963.08	3/4	2,574.55	3/4	2,185.87
<b>11</b>	<b>11</b>	<b>11</b>	<b>5,247.91</b>	<b>11</b>	<b>4,888.35</b>	<b>11</b>	<b>4,509.07</b>	<b>11</b>	<b>4,120.58</b>	<b>11</b>	<b>3,732.05</b>	<b>11</b>	<b>3,343.52</b>	<b>11</b>	<b>2,954.99</b>	<b>11</b>	<b>2,566.45</b>	<b>11</b>	<b>2,177.77</b>
1/4		1/4	5,240.61	1/4	4,880.64	1/4	4,500.99	1/4	4,112.48	1/4	3,723.96	1/4	3,335.43	1/4	2,946.90	1/4	2,558.35	1/4	2,169.67
1/2		1/2	5,233.29	1/2	4,872.90	1/2	4,492.90	1/2	4,104.39	1/2	3,715.86	1/2	3,327.33	1/2	2,938.80	1/2	2,550.26	1/2	2,161.58
3/4		3/4	5,225.97	3/4	4,865.16	3/4	4,484.81	3/4	4,096.29	3/4	3,707.77	3/4	3,319.24	3/4	2,930.71	3/4	2,542.16	3/4	2,153.48

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" HERMETIC VALVE.  
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 51'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE CTC29108

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,145.38	0	1,756.70	0	1,368.02	0	979.40	0	591.44	0	202.81	0		0		0		0	
1/4	2,137.28	1/4	1,748.60	1/4	1,359.92	1/4	971.31	1/4	583.34	1/4	194.71	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,129.19	1/2	1,740.51	1/2	1,351.83	1/2	963.24	1/2	575.24	1/2	186.61	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,121.09	3/4	1,732.41	3/4	1,343.73	3/4	955.16	3/4	567.14	3/4	178.51	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,112.99	1	1,724.31	1	1,335.63	1	947.09	1	559.05	1	170.42	1	1	1	1	1	1	1	1
1/4	2,104.89	1/4	1,716.21	1/4	1,327.53	1/4	939.01	1/4	550.95	1/4	162.32	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,096.80	1/2	1,708.12	1/2	1,319.44	1/2	930.94	1/2	542.85	1/2	154.22	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,088.70	3/4	1,700.02	3/4	1,311.34	3/4	922.86	3/4	534.75	3/4	146.12	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,080.60	2	1,691.92	2	1,303.24	2	914.79	2	526.66	2	138.03	2	2	2	2	2	2	2	2
1/4	2,072.50	1/4	1,683.82	1/4	1,295.14	1/4	906.71	1/4	518.56	1/4	129.93	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,064.41	1/2	1,675.73	1/2	1,287.05	1/2	898.63	1/2	510.46	1/2	121.83	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,056.31	3/4	1,667.63	3/4	1,278.95	3/4	890.56	3/4	502.37	3/4	113.73	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	2,048.21	3	1,659.53	3	1,270.85	3	882.48	3	494.27	3	105.64	3	3	3	3	3	3	3	3
1/4	2,040.11	1/4	1,651.43	1/4	1,262.75	1/4	874.41	1/4	486.18	1/4	97.54	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,032.02	1/2	1,643.34	1/2	1,254.66	1/2	866.33	1/2	478.08	1/2	89.44	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,023.92	3/4	1,635.24	3/4	1,246.56	3/4	858.26	3/4	469.99	3/4	81.34	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	2,015.82	4	1,627.14	4	1,238.46	4	850.18	4	461.90	4	73.25	4	4	4	4	4	4	4	4
1/4	2,007.72	1/4	1,619.04	1/4	1,230.36	1/4	842.11	1/4	453.80	1/4	65.15	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,999.63	1/2	1,610.95	1/2	1,222.27	1/2	834.03	1/2	445.71	1/2	57.03	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,991.53	3/4	1,602.85	3/4	1,214.17	3/4	825.96	3/4	437.62	3/4	50.30	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,983.43	5	1,594.75	5	1,206.07	5	817.88	5	429.52	5	42.88	5	5	5	5	5	5	5	5
1/4	1,975.33	1/4	1,586.65	1/4	1,197.97	1/4	809.81	1/4	421.43	1/4	35.46	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,967.24	1/2	1,578.56	1/2	1,189.88	1/2	801.73	1/2	413.34	1/2	30.06	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,959.14	3/4	1,570.46	3/4	1,181.78	3/4	793.66	3/4	405.24	3/4	24.66	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,951.04	6	1,562.36	6	1,173.68	6	785.59	6	397.14	6	19.26	6	6	6	6	6	6	6	6
1/4	1,942.94	1/4	1,554.26	1/4	1,165.58	1/4	777.52	1/4	389.05	1/4	13.86	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,934.85	1/2	1,546.17	1/2	1,157.49	1/2	769.44	1/2	380.95	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,926.75	3/4	1,538.07	3/4	1,149.39	3/4	761.37	3/4	372.85	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,918.65	7	1,529.97	7	1,141.29	7	753.29	7	364.76	7		7	7	7	7	7	7	7	7
1/4	1,910.55	1/4	1,521.87	1/4	1,133.19	1/4	745.22	1/4	356.66	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,902.46	1/2	1,513.78	1/2	1,125.10	1/2	737.14	1/2	348.56	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,894.36	3/4	1,505.68	3/4	1,117.00	3/4	729.05	3/4	340.46	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,886.26	8	1,497.58	8	1,108.90	8	720.97	8	332.37	8		8	8	8	8	8	8	8	8
1/4	1,878.16	1/4	1,489.48	1/4	1,100.80	1/4	712.89	1/4	324.27	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,870.07	1/2	1,481.39	1/2	1,092.71	1/2	704.79	1/2	316.17	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,861.97	3/4	1,473.29	3/4	1,084.61	3/4	696.70	3/4	308.07	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,853.87	9	1,465.19	9	1,076.51	9	688.60	9	299.98	9		9	9	9	9	9	9	9	9
1/4	1,845.77	1/4	1,457.09	1/4	1,068.41	1/4	680.51	1/4	291.88	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,837.68	1/2	1,449.00	1/2	1,060.32	1/2	672.41	1/2	283.78	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,829.58	3/4	1,440.90	3/4	1,052.22	3/4	664.31	3/4	275.68	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,821.48	10	1,432.80	10	1,044.12	10	656.22	10	267.59	10		10	10	10	10	10	10	10	10
1/4	1,813.38	1/4	1,424.70	1/4	1,036.02	1/4	648.12	1/4	259.49	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,805.29	1/2	1,416.61	1/2	1,027.93	1/2	640.02	1/2	251.39	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,797.19	3/4	1,408.51	3/4	1,019.84	3/4	631.92	3/4	243.29	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,789.09	11	1,400.41	11	1,011.74	11	623.83	11	235.20	11		11	11	11	11	11	11	11	11
1/4	1,780.99	1/4	1,392.31	1/4	1,003.65	1/4	615.73	1/4	227.10	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,772.90	1/2	1,384.22	1/2	995.56	1/2	607.63	1/2	219.00	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,764.80	3/4	1,376.12	3/4	987.48	3/4	599.53	3/4	210.90	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: 07/09/2021 JS  
CALCULATED: 07/09/2021 CL  
PRINTED: 07/09/2021 JS

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2021



# BARGE CTC29108

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		1	5,506.45	0	5,158.55	0	4,798.77	0	4,419.70	0	4,033.20	0	3,646.71	0	3,260.20	0	2,873.70	0	2,487.17
1/4		1/4	5,500.86	1/4	5,151.23	1/4	4,791.04	1/4	4,411.65	1/4	4,025.15	1/4	3,638.65	1/4	3,252.15	1/4	2,865.64	1/4	2,479.11
1/2		1/2	5,495.27	1/2	5,143.91	1/2	4,783.31	1/2	4,403.59	1/2	4,017.10	1/2	3,630.60	1/2	3,244.09	1/2	2,857.59	1/2	2,471.06
3/4		3/4	5,489.68	3/4	5,136.59	3/4	4,775.58	3/4	4,395.54	3/4	4,009.05	3/4	3,622.55	3/4	3,236.04	3/4	2,849.54	3/4	2,463.00
1		1	5,484.10	1	5,129.28	1	4,767.85	1	4,387.49	1	4,000.99	1	3,614.50	1	3,227.99	1	2,841.49	1	2,454.95
1/4		1/4	5,477.00	1/4	5,121.93	1/4	4,760.09	1/4	4,379.44	1/4	3,992.94	1/4	3,606.44	1/4	3,219.94	1/4	2,833.44	1/4	2,446.89
1/2		1/2	5,469.90	1/2	5,114.58	1/2	4,752.32	1/2	4,371.39	1/2	3,984.89	1/2	3,598.39	1/2	3,211.89	1/2	2,825.38	1/2	2,438.84
3/4		3/4	5,462.80	3/4	5,107.23	3/4	4,744.56	3/4	4,363.33	3/4	3,976.84	3/4	3,590.34	3/4	3,203.83	3/4	2,817.33	3/4	2,430.78
2		2	5,455.70	2	5,099.89	2	4,736.80	2	4,355.28	2	3,968.79	2	3,582.28	2	3,195.78	2	2,809.28	2	2,422.73
1/4		1/4	5,447.80	1/4	5,092.51	1/4	4,729.01	1/4	4,347.23	1/4	3,960.73	1/4	3,574.23	1/4	3,187.73	1/4	2,801.23	1/4	2,414.67
1/2		1/2	5,439.89	1/2	5,085.13	1/2	4,721.22	1/2	4,339.18	1/2	3,952.68	1/2	3,566.18	1/2	3,179.68	1/2	2,793.18	1/2	2,406.61
3/4		3/4	5,431.99	3/4	5,077.75	3/4	4,713.42	3/4	4,331.13	3/4	3,944.63	3/4	3,558.13	3/4	3,171.62	3/4	2,785.12	3/4	2,398.56
3		3	5,424.08	3	5,070.37	3	4,705.63	3	4,323.07	3	3,936.58	3	3,550.07	3	3,163.57	3	2,777.07	3	2,390.50
1/4		1/4	5,416.08	1/4	5,062.96	1/4	4,697.81	1/4	4,315.02	1/4	3,928.53	1/4	3,542.02	1/4	3,155.52	1/4	2,769.02	1/4	2,382.45
1/2		1/2	5,408.07	1/2	5,055.55	1/2	4,689.99	1/2	4,306.97	1/2	3,920.47	1/2	3,533.97	1/2	3,147.47	1/2	2,760.97	1/2	2,374.39
3/4		3/4	5,400.07	3/4	5,048.14	3/4	4,682.16	3/4	4,298.92	3/4	3,912.42	3/4	3,525.92	3/4	3,139.42	3/4	2,752.92	3/4	2,366.34
4		4	5,392.06	4	5,040.73	4	4,674.34	4	4,290.87	4	3,904.37	4	3,517.86	4	3,131.36	4	2,744.86	4	2,358.28
1/4		1/4	5,384.28	1/4	5,033.30	1/4	4,666.49	1/4	4,282.81	1/4	3,896.32	1/4	3,509.81	1/4	3,123.31	1/4	2,736.81	1/4	2,350.23
1/2		1/2	5,376.50	1/2	5,025.86	1/2	4,658.63	1/2	4,274.76	1/2	3,888.27	1/2	3,501.76	1/2	3,115.26	1/2	2,728.76	1/2	2,342.17
3/4		3/4	5,368.72	3/4	5,018.42	3/4	4,650.78	3/4	4,266.71	3/4	3,880.21	3/4	3,493.71	3/4	3,107.21	3/4	2,720.71	3/4	2,334.12
5		5	5,360.94	5	5,010.98	5	4,642.93	5	4,258.66	5	3,872.16	5	3,485.66	5	3,099.16	5	2,712.65	5	2,326.06
1/4		1/4	5,353.61	1/4	5,003.51	1/4	4,635.04	1/4	4,250.61	1/4	3,864.11	1/4	3,477.60	1/4	3,091.10	1/4	2,704.60	1/4	2,318.01
1/2		1/2	5,346.27	1/2	4,996.04	1/2	4,627.16	1/2	4,242.55	1/2	3,856.06	1/2	3,469.55	1/2	3,083.05	1/2	2,696.55	1/2	2,309.95
3/4		3/4	5,338.93	3/4	4,988.57	3/4	4,619.28	3/4	4,234.50	3/4	3,848.01	3/4	3,461.50	3/4	3,075.00	3/4	2,688.50	3/4	2,301.90
6		6	5,331.60	6	4,981.09	6	4,611.39	6	4,226.45	6	3,839.95	6	3,453.45	6	3,066.95	6	2,680.45	6	2,293.84
1/4		1/4	5,324.46	1/4	4,973.59	1/4	4,603.48	1/4	4,218.40	1/4	3,831.90	1/4	3,445.40	1/4	3,058.90	1/4	2,672.39	1/4	2,285.79
1/2		1/2	5,317.33	1/2	4,966.09	1/2	4,595.56	1/2	4,210.35	1/2	3,823.85	1/2	3,437.34	1/2	3,050.84	1/2	2,664.34	1/2	2,277.73
3/4		3/4	5,310.20	3/4	4,958.59	3/4	4,587.65	3/4	4,202.29	3/4	3,815.80	3/4	3,429.29	3/4	3,042.79	3/4	2,656.29	3/4	2,269.68
7		7	5,303.06	7	4,951.09	7	4,579.73	7	4,194.24	7	3,807.75	7	3,421.24	7	3,034.74	7	2,648.24	7	2,261.62
1/4		1/4	5,295.90	1/4	4,943.56	1/4	4,571.79	1/4	4,186.19	1/4	3,799.69	1/4	3,413.19	1/4	3,026.69	1/4	2,640.19	1/4	2,253.57
1/2		1/2	5,288.73	1/2	4,936.03	1/2	4,563.84	1/2	4,178.14	1/2	3,791.64	1/2	3,405.14	1/2	3,018.63	1/2	2,632.13	1/2	2,245.51
3/4		3/4	5,281.57	3/4	4,928.50	3/4	4,555.90	3/4	4,170.09	3/4	3,783.59	3/4	3,397.08	3/4	3,010.58	3/4	2,624.08	3/4	2,237.46
8		8	5,274.40	8	4,920.97	8	4,547.95	8	4,162.03	8	3,775.54	8	3,389.03	8	3,002.53	8	2,616.03	8	2,229.40
1/4		1/4	5,267.21	1/4	4,913.40	1/4	4,539.98	1/4	4,153.98	1/4	3,767.49	1/4	3,380.98	1/4	2,994.48	1/4	2,607.98	1/4	2,221.35
1/2		1/2	5,260.01	1/2	4,905.84	1/2	4,532.00	1/2	4,145.93	1/2	3,759.43	1/2	3,372.93	1/2	2,986.43	1/2	2,599.93	1/2	2,213.29
3/4		3/4	5,252.82	3/4	4,898.28	3/4	4,524.03	3/4	4,137.88	3/4	3,751.38	3/4	3,364.87	3/4	2,978.37	3/4	2,591.87	3/4	2,205.23
9		9	5,245.62	9	4,890.72	9	4,516.05	9	4,129.83	9	3,743.33	9	3,356.82	9	2,970.32	9	2,583.82	9	2,197.18
1/4		1/4	5,238.40	1/4	4,883.10	1/4	4,508.05	1/4	4,121.77	1/4	3,735.28	1/4	3,348.77	1/4	2,962.27	1/4	2,575.77	1/4	2,189.12
1/2		1/2	5,231.17	1/2	4,875.49	1/2	4,500.04	1/2	4,113.72	1/2	3,727.23	1/2	3,340.72	1/2	2,954.22	1/2	2,567.72	1/2	2,181.07
3/4		3/4	5,223.95	3/4	4,867.87	3/4	4,492.03	3/4	4,105.67	3/4	3,719.17	3/4	3,332.67	3/4	2,946.17	3/4	2,559.67	3/4	2,173.01
10		10	5,216.72	10	4,860.25	10	4,484.03	10	4,097.62	10	3,711.12	10	3,324.61	10	2,938.11	10	2,551.61	10	2,164.96
1/4		1/4	5,209.46	1/4	4,852.58	1/4	4,475.99	1/4	4,089.57	1/4	3,703.07	1/4	3,316.56	1/4	2,930.06	1/4	2,543.56	1/4	2,156.90
1/2		1/2	5,202.21	1/2	4,844.91	1/2	4,467.96	1/2	4,081.51	1/2	3,695.02	1/2	3,308.51	1/2	2,922.01	1/2	2,535.50	1/2	2,148.85
3/4		3/4	5,194.95	3/4	4,837.24	3/4	4,459.93	3/4	4,073.46	3/4	3,686.97	3/4	3,300.46	3/4	2,913.96	3/4	2,527.44	3/4	2,140.79
11		11	5,187.69	11	4,829.57	11	4,451.89	11	4,065.41	11	3,678.91	11	3,292.41	11	2,905.91	11	2,519.39	11	2,132.74
1/4		1/4	5,180.41	1/4	4,821.87	1/4	4,443.85	1/4	4,057.36	1/4	3,670.86	1/4	3,284.35	1/4	2,897.85	1/4	2,511.33	1/4	2,124.68
1/2		1/2	5,173.12	1/2	4,814.17	1/2	4,435.80	1/2	4,049.31	1/2	3,662.81	1/2	3,276.30	1/2	2,889.80	1/2	2,503.28	1/2	2,116.63
3/4		3/4	5,165.83	3/4	4,806.47	3/4	4,427.75	3/4	4,041.25	3/4	3,654.76	3/4	3,268.25	3/4	2,881.75	3/4	2,495.22	3/4	2,108.57

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" HERMETIC VALVE.  
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 51'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE CTC29108

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

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	2,100.52	0	1,713.87	0	1,327.22	0	954.66	0	580.29	0	193.69	0		0		0		0	
1/4	2,092.46	1/4	1,705.81	1/4	1,319.32	1/4	946.93	1/4	572.24	1/4	185.63	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,084.41	1/2	1,697.76	1/2	1,311.41	1/2	939.20	1/2	564.18	1/2	177.58	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,076.35	3/4	1,689.70	3/4	1,303.51	3/4	931.47	3/4	556.13	3/4	169.52	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,068.30	1	1,681.65	1	1,295.61	1	923.74	1	548.07	1	161.47	1	1	1	1	1	1	1	1
1/4	2,060.24	1/4	1,673.59	1/4	1,287.86	1/4	916.02	1/4	540.02	1/4	153.41	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,052.19	1/2	1,665.54	1/2	1,280.11	1/2	908.29	1/2	531.96	1/2	145.36	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,044.13	3/4	1,657.48	3/4	1,272.36	3/4	900.56	3/4	523.91	3/4	137.30	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,036.08	2	1,649.43	2	1,264.61	2	892.83	2	515.85	2	129.25	2	2	2	2	2	2	2	2
1/4	2,028.02	1/4	1,641.37	1/4	1,256.86	1/4	885.10	1/4	507.80	1/4	121.19	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,019.97	1/2	1,633.32	1/2	1,249.10	1/2	877.37	1/2	499.74	1/2	113.14	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,011.91	3/4	1,625.26	3/4	1,241.35	3/4	869.64	3/4	491.69	3/4	105.08	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	2,003.85	3	1,617.21	3	1,233.60	3	861.92	3	483.64	3	97.03	3	3	3	3	3	3	3	3
1/4	1,995.80	1/4	1,609.15	1/4	1,225.85	1/4	854.19	1/4	475.59	1/4	88.97	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,987.74	1/2	1,601.09	1/2	1,218.10	1/2	846.46	1/2	467.54	1/2	80.92	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,979.69	3/4	1,593.04	3/4	1,210.35	3/4	838.73	3/4	459.48	3/4	72.86	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,971.63	4	1,584.98	4	1,202.60	4	831.00	4	451.43	4	64.81	4	4	4	4	4	4	4	4
1/4	1,963.58	1/4	1,576.93	1/4	1,194.85	1/4	823.27	1/4	443.38	1/4	57.42	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,955.52	1/2	1,568.87	1/2	1,187.10	1/2	815.55	1/2	435.33	1/2	50.04	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,947.47	3/4	1,560.82	3/4	1,179.35	3/4	807.82	3/4	427.28	3/4	42.65	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,939.41	5	1,552.76	5	1,171.60	5	800.09	5	419.23	5	35.27	5	5	5	5	5	5	5	5
1/4	1,931.36	1/4	1,544.71	1/4	1,163.85	1/4	792.37	1/4	411.18	1/4	29.90	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,923.30	1/2	1,536.65	1/2	1,156.10	1/2	784.64	1/2	403.12	1/2	24.53	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,915.25	3/4	1,528.60	3/4	1,148.35	3/4	776.91	3/4	395.07	3/4	19.16	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,907.19	6	1,520.54	6	1,140.60	6	769.19	6	387.01	6	13.79	6	6	6	6	6	6	6	6
1/4	1,899.14	1/4	1,512.49	1/4	1,132.85	1/4	761.46	1/4	378.96	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,891.08	1/2	1,504.43	1/2	1,125.10	1/2	753.73	1/2	370.90	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,883.03	3/4	1,496.38	3/4	1,117.35	3/4	746.01	3/4	362.85	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,874.97	7	1,488.32	7	1,109.60	7	738.28	7	354.79	7		7	7	7	7	7	7	7	7
1/4	1,866.92	1/4	1,480.27	1/4	1,101.85	1/4	730.54	1/4	346.74	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,858.86	1/2	1,472.21	1/2	1,094.10	1/2	722.81	1/2	338.68	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,850.81	3/4	1,464.16	3/4	1,086.35	3/4	715.07	3/4	330.63	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,842.75	8	1,456.10	8	1,078.60	8	707.34	8	322.57	8		8	8	8	8	8	8	8	8
1/4	1,834.70	1/4	1,448.05	1/4	1,070.85	1/4	699.59	1/4	314.52	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,826.64	1/2	1,439.99	1/2	1,063.10	1/2	691.84	1/2	306.46	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,818.59	3/4	1,431.94	3/4	1,055.34	3/4	684.09	3/4	298.41	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,810.53	9	1,423.88	9	1,047.59	9	676.35	9	290.35	9		9	9	9	9	9	9	9	9
1/4	1,802.47	1/4	1,415.83	1/4	1,039.84	1/4	668.44	1/4	282.30	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,794.42	1/2	1,407.77	1/2	1,032.09	1/2	660.54	1/2	274.24	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,786.36	3/4	1,399.71	3/4	1,024.34	3/4	652.64	3/4	266.19	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,778.31	10	1,391.66	10	1,016.59	10	644.74	10	258.13	10		10	10	10	10	10	10	10	10
1/4	1,770.25	1/4	1,383.60	1/4	1,008.85	1/4	636.68	1/4	250.08	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,762.20	1/2	1,375.55	1/2	1,001.10	1/2	628.62	1/2	242.02	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,754.14	3/4	1,367.49	3/4	993.35	3/4	620.57	3/4	233.96	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,746.09	11	1,359.44	11	985.60	11	612.51	11	225.91	11		11	11	11	11	11	11	11	11
1/4	1,738.03	1/4	1,351.38	1/4	977.87	1/4	604.46	1/4	217.85	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,729.98	1/2	1,343.33	1/2	970.13	1/2	596.40	1/2	209.80	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,721.92	3/4	1,335.27	3/4	962.40	3/4	588.35	3/4	201.74	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: 07/09/2021 JS  
CALCULATED: 07/09/2021 CL  
PRINTED: 07/09/2021 JS

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2021



# BARGE CTC29108

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4		1/4		1/4	4,487.77	1/4	4,246.48	1/4	3,987.58	1/4	3,721.43	1/4	3,412.50	1/4	3,053.93	1/4	2,694.60	1/4	2,335.16
1/2		1/2	4,711.44	1/2	4,482.93	1/2	4,241.26	1/2	3,982.04	1/2	3,715.88	1/2	3,405.12	1/2	3,046.44	1/2	2,687.11	1/2	2,327.66
3/4		3/4	4,708.24	3/4	4,478.06	3/4	4,236.01	3/4	3,976.49	3/4	3,710.34	3/4	3,397.74	3/4	3,038.96	3/4	2,679.62	3/4	2,320.17
1	1	1	4,705.04	1	4,473.18	1	4,230.77	1	3,970.95	1	3,704.80	1	3,390.37	1	3,031.47	1	2,672.14	1	2,312.67
1/4		1/4	4,701.85	1/4	4,468.31	1/4	4,225.52	1/4	3,965.40	1/4	3,699.25	1/4	3,382.99	1/4	3,023.98	1/4	2,664.65	1/4	2,305.18
1/2		1/2	4,698.65	1/2	4,463.44	1/2	4,220.28	1/2	3,959.86	1/2	3,693.71	1/2	3,375.62	1/2	3,016.50	1/2	2,657.17	1/2	2,297.68
3/4		3/4	4,694.04	3/4	4,458.54	3/4	4,215.00	3/4	3,954.31	3/4	3,688.16	3/4	3,368.18	3/4	3,009.01	3/4	2,649.68	3/4	2,290.19
2	2	2	4,689.44	2	4,453.64	2	4,209.73	2	3,948.77	2	3,682.62	2	3,360.75	2	3,001.53	2	2,642.19	2	2,282.69
1/4		1/4	4,684.84	1/4	4,448.74	1/4	4,204.45	1/4	3,943.22	1/4	3,677.07	1/4	3,353.32	1/4	2,994.04	1/4	2,634.71	1/4	2,275.20
1/2		1/2	4,680.23	1/2	4,443.84	1/2	4,199.18	1/2	3,937.68	1/2	3,671.53	1/2	3,345.89	1/2	2,986.55	1/2	2,627.22	1/2	2,267.70
3/4		3/4	4,674.88	3/4	4,438.91	3/4	4,193.88	3/4	3,932.13	3/4	3,665.98	3/4	3,338.40	3/4	2,979.07	3/4	2,619.73	3/4	2,260.20
3	3	3	4,669.53	3	4,433.99	3	4,188.57	3	3,926.59	3	3,660.44	3	3,330.91	3	2,971.58	3	2,612.25	3	2,252.71
1/4		1/4	4,664.17	1/4	4,429.06	1/4	4,183.27	1/4	3,921.04	1/4	3,654.89	1/4	3,323.43	1/4	2,964.10	1/4	2,604.76	1/4	2,245.21
1/2		1/2	4,658.82	1/2	4,424.13	1/2	4,177.97	1/2	3,915.50	1/2	3,649.35	1/2	3,315.94	1/2	2,956.61	1/2	2,597.28	1/2	2,237.72
3/4		3/4	4,653.37	3/4	4,419.17	3/4	4,172.64	3/4	3,909.95	3/4	3,643.80	3/4	3,308.46	3/4	2,949.12	3/4	2,589.79	3/4	2,230.23
4	4	4	4,647.93	4	4,414.22	4	4,167.31	4	3,904.41	4	3,638.26	4	3,300.97	4	2,941.64	4	2,582.30	4	2,222.74
1/4		1/4	4,642.48	1/4	4,409.26	1/4	4,161.98	1/4	3,898.86	1/4	3,632.71	1/4	3,293.48	1/4	2,934.15	1/4	2,574.82	1/4	2,215.26
1/2		1/2	4,637.03	1/2	4,404.30	1/2	4,156.64	1/2	3,893.32	1/2	3,627.17	1/2	3,286.00	1/2	2,926.66	1/2	2,567.33	1/2	2,207.77
3/4		3/4	4,631.80	3/4	4,399.32	3/4	4,151.29	3/4	3,887.77	3/4	3,621.62	3/4	3,278.51	3/4	2,919.18	3/4	2,559.85	3/4	2,200.29
5	5	5	4,626.56	5	4,394.33	5	4,145.93	5	3,882.23	5	3,616.08	5	3,271.03	5	2,911.69	5	2,552.36	5	2,192.81
1/4		1/4	4,621.32	1/4	4,389.35	1/4	4,140.57	1/4	3,876.68	1/4	3,610.53	1/4	3,263.54	1/4	2,904.21	1/4	2,544.87	1/4	2,185.33
1/2		1/2	4,616.09	1/2	4,384.36	1/2	4,135.21	1/2	3,871.14	1/2	3,604.99	1/2	3,256.05	1/2	2,896.72	1/2	2,537.39	1/2	2,177.85
3/4		3/4	4,611.26	3/4	4,379.35	3/4	4,129.82	3/4	3,865.59	3/4	3,598.96	3/4	3,248.57	3/4	2,889.23	3/4	2,529.90	3/4	2,170.38
6	6	6	4,606.44	6	4,374.33	6	4,124.43	6	3,860.05	6	3,592.92	6	3,241.08	6	2,881.75	6	2,522.42	6	2,162.90
1/4		1/4	4,601.61	1/4	4,369.32	1/4	4,119.04	1/4	3,854.50	1/4	3,586.89	1/4	3,233.59	1/4	2,874.26	1/4	2,514.93	1/4	2,154.42
1/2		1/2	4,596.79	1/2	4,364.31	1/2	4,113.65	1/2	3,848.96	1/2	3,580.86	1/2	3,226.11	1/2	2,866.78	1/2	2,507.44	1/2	2,147.94
3/4		3/4	4,592.16	3/4	4,359.26	3/4	4,108.24	3/4	3,843.42	3/4	3,573.86	3/4	3,218.62	3/4	2,859.29	3/4	2,499.96	3/4	2,140.46
7	7	7	4,587.52	7	4,354.22	7	4,102.82	7	3,837.87	7	3,566.86	7	3,211.14	7	2,851.80	7	2,492.47	7	2,132.98
1/4		1/4	4,582.89	1/4	4,349.18	1/4	4,097.40	1/4	3,832.33	1/4	3,559.85	1/4	3,203.65	1/4	2,844.32	1/4	2,484.98	1/4	2,125.50
1/2		1/2	4,578.25	1/2	4,344.14	1/2	4,091.99	1/2	3,826.78	1/2	3,552.85	1/2	3,196.16	1/2	2,836.83	1/2	2,477.50	1/2	2,118.02
3/4		3/4	4,573.59	3/4	4,339.07	3/4	4,086.54	3/4	3,821.24	3/4	3,545.42	3/4	3,188.68	3/4	2,829.35	3/4	2,470.01	3/4	2,110.54
8	8	8	4,568.92	8	4,334.00	8	4,081.10	8	3,815.69	8	3,537.99	8	3,181.19	8	2,821.86	8	2,462.53	8	2,103.06
1/4		1/4	4,564.26	1/4	4,328.92	1/4	4,075.65	1/4	3,810.15	1/4	3,530.56	1/4	3,173.71	1/4	2,814.37	1/4	2,455.04	1/4	2,095.58
1/2		1/2	4,559.60	1/2	4,323.85	1/2	4,070.21	1/2	3,804.60	1/2	3,523.13	1/2	3,166.22	1/2	2,806.89	1/2	2,447.55	1/2	2,088.11
3/4		3/4	4,554.87	3/4	4,318.75	3/4	4,064.73	3/4	3,799.06	3/4	3,515.76	3/4	3,158.73	3/4	2,799.40	3/4	2,440.06	3/4	2,080.63
9	9	9	4,550.15	9	4,313.66	9	4,059.26	9	3,793.51	9	3,508.38	9	3,151.25	9	2,791.91	9	2,432.57	9	2,073.15
1/4		1/4	4,545.42	1/4	4,308.56	1/4	4,053.79	1/4	3,787.97	1/4	3,501.00	1/4	3,143.76	1/4	2,784.43	1/4	2,425.08	1/4	2,065.67
1/2		1/2	4,540.70	1/2	4,303.46	1/2	4,048.31	1/2	3,782.42	1/2	3,493.63	1/2	3,136.28	1/2	2,776.94	1/2	2,417.60	1/2	2,058.19
3/4		3/4	4,535.91	3/4	4,298.31	3/4	4,042.81	3/4	3,776.88	3/4	3,486.25	3/4	3,128.79	3/4	2,769.46	3/4	2,410.10	3/4	2,050.71
10	10	10	4,531.13	10	4,293.17	10	4,037.31	10	3,771.33	10	3,478.88	10	3,121.30	10	2,761.97	10	2,402.61	10	2,043.23
1/4		1/4	4,526.34	1/4	4,288.03	1/4	4,031.81	1/4	3,765.79	1/4	3,471.50	1/4	3,113.82	1/4	2,754.48	1/4	2,395.12	1/4	2,035.75
1/2		1/2	4,521.55	1/2	4,282.88	1/2	4,026.30	1/2	3,760.24	1/2	3,464.13	1/2	3,106.33	1/2	2,747.00	1/2	2,387.62	1/2	2,028.27
3/4		3/4	4,516.74	3/4	4,277.69	3/4	4,020.78	3/4	3,754.70	3/4	3,456.75	3/4	3,098.85	3/4	2,739.51	3/4	2,380.13	3/4	2,020.79
11	11	11	4,511.93	11	4,272.50	11	4,015.25	11	3,749.15	11	3,449.37	11	3,091.36	11	2,732.03	11	2,372.63	11	2,013.31
1/4		1/4	4,507.11	1/4	4,267.32	1/4	4,009.72	1/4	3,743.61	1/4	3,442.00	1/4	3,083.87	1/4	2,724.54	1/4	2,365.14	1/4	2,005.84
1/2		1/2	4,502.30	1/2	4,262.13	1/2	4,004.20	1/2	3,738.06	1/2	3,434.62	1/2	3,076.39	1/2	2,717.05	1/2	2,357.65	1/2	1,998.36
3/4		3/4	4,497.45	3/4	4,256.91	3/4	3,998.66	3/4	3,732.52	3/4	3,427.25	3/4	3,068.90	3/4	2,709.57	3/4	2,350.15	3/4	1,990.88

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" HERMETIC VALVE.  
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 45'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE CTC29108

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,983.40	0	1,623.98	0	1,264.36	0	906.28	0	555.01	0	195.25	0		0		0		0	
1/4	1,975.92	1/4	1,616.49	1/4	1,256.87	1/4	899.00	1/4	547.52	1/4	187.76	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,968.44	1/2	1,609.00	1/2	1,249.37	1/2	891.71	1/2	540.02	1/2	180.26	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,960.96	3/4	1,601.51	3/4	1,241.88	3/4	884.43	3/4	532.52	3/4	172.77	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,953.48	1	1,594.02	1	1,234.39	1	877.15	1	525.03	1	165.27	1	1	1	1	1	1	1	1
1/4	1,946.00	1/4	1,586.52	1/4	1,226.89	1/4	869.87	1/4	517.53	1/4	157.77	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,938.52	1/2	1,579.03	1/2	1,219.40	1/2	862.59	1/2	510.04	1/2	150.28	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,931.04	3/4	1,571.54	3/4	1,211.91	3/4	855.31	3/4	502.54	3/4	142.78	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,923.56	2	1,564.05	2	1,204.42	2	848.04	2	495.04	2	135.29	2	2	2	2	2	2	2	2
1/4	1,916.09	1/4	1,556.55	1/4	1,196.92	1/4	840.76	1/4	487.55	1/4	127.79	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,908.61	1/2	1,549.06	1/2	1,189.43	1/2	833.48	1/2	480.05	1/2	120.29	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,901.13	3/4	1,541.57	3/4	1,181.94	3/4	826.20	3/4	472.56	3/4	112.80	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,893.65	3	1,534.08	3	1,174.45	3	818.92	3	465.06	3	105.30	3	3	3	3	3	3	3	3
1/4	1,886.17	1/4	1,526.59	1/4	1,166.95	1/4	811.64	1/4	457.57	1/4	97.81	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,878.69	1/2	1,519.09	1/2	1,159.46	1/2	804.36	1/2	450.07	1/2	90.31	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,871.21	3/4	1,511.60	3/4	1,151.97	3/4	797.08	3/4	442.58	3/4	82.81	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,863.72	4	1,504.11	4	1,144.47	4	789.80	4	435.09	4	75.32	4	4	4	4	4	4	4	4
1/4	1,856.24	1/4	1,496.62	1/4	1,136.98	1/4	782.52	1/4	427.60	1/4	67.82	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,848.75	1/2	1,489.12	1/2	1,129.49	1/2	775.24	1/2	420.11	1/2	60.33	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,841.26	3/4	1,481.63	3/4	1,122.00	3/4	767.97	3/4	412.62	3/4	53.45	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,833.77	5	1,474.14	5	1,114.50	5	760.69	5	405.13	5	46.58	5	5	5	5	5	5	5	5
1/4	1,826.27	1/4	1,466.65	1/4	1,107.01	1/4	753.41	1/4	397.63	1/4	39.71	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,818.78	1/2	1,459.16	1/2	1,099.52	1/2	746.13	1/2	390.14	1/2	32.84	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,811.29	3/4	1,451.66	3/4	1,092.03	3/4	738.86	3/4	382.65	3/4	27.84	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,803.80	6	1,444.17	6	1,084.53	6	731.58	6	375.15	6	22.85	6	6	6	6	6	6	6	6
1/4	1,796.30	1/4	1,436.68	1/4	1,077.04	1/4	724.31	1/4	367.66	1/4	17.85	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,788.81	1/2	1,429.19	1/2	1,069.55	1/2	717.03	1/2	360.17	1/2	12.86	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,781.32	3/4	1,421.69	3/4	1,062.05	3/4	709.75	3/4	352.67	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,773.83	7	1,414.20	7	1,054.56	7	702.47	7	345.17	7		7	7	7	7	7	7	7	7
1/4	1,766.34	1/4	1,406.71	1/4	1,047.07	1/4	695.20	1/4	337.68	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,758.84	1/2	1,399.22	1/2	1,039.58	1/2	687.92	1/2	330.18	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,751.35	3/4	1,391.73	3/4	1,032.08	3/4	680.63	3/4	322.69	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,743.86	8	1,384.23	8	1,024.59	8	673.34	8	315.19	8		8	8	8	8	8	8	8	8
1/4	1,736.37	1/4	1,376.74	1/4	1,017.10	1/4	666.06	1/4	307.69	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,728.88	1/2	1,369.25	1/2	1,009.61	1/2	658.77	1/2	300.20	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,721.38	3/4	1,361.76	3/4	1,002.11	3/4	651.47	3/4	292.70	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,713.89	9	1,354.27	9	994.62	9	644.18	9	285.21	9		9	9	9	9	9	9	9	9
1/4	1,706.40	1/4	1,346.77	1/4	987.13	1/4	636.88	1/4	277.71	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,698.91	1/2	1,339.28	1/2	979.64	1/2	629.58	1/2	270.21	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,691.41	3/4	1,331.79	3/4	972.24	3/4	622.18	3/4	262.72	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,683.92	10	1,324.30	10	964.84	10	614.78	10	255.22	10		10	10	10	10	10	10	10	10
1/4	1,676.43	1/4	1,316.80	1/4	957.44	1/4	607.39	1/4	247.73	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,668.94	1/2	1,309.31	1/2	950.05	1/2	599.99	1/2	240.23	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,661.45	3/4	1,301.82	3/4	942.75	3/4	592.49	3/4	232.73	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,653.95	11	1,294.33	11	935.45	11	585.00	11	225.24	11		11	11	11	11	11	11	11	11
1/4	1,646.46	1/4	1,286.84	1/4	928.16	1/4	577.50	1/4	217.74	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,638.97	1/2	1,279.34	1/2	920.86	1/2	570.00	1/2	210.25	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,631.48	3/4	1,271.85	3/4	913.57	3/4	562.51	3/4	202.75	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: 07/09/2021 JS  
CALCULATED: 07/09/2021 CL  
PRINTED: 07/09/2021 JS

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2021



# BARGE CTC29108

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
					4,482.40		4,240.37		3,980.70		3,713.46		3,405.38		3,046.57		2,686.87		2,327.24
1/4	1/4	1/4	1/4	1/4	4,477.53	1/4	4,235.13	1/4	3,975.13	1/4	3,707.89	1/4	3,398.00	1/4	3,039.07	1/4	2,679.37	1/4	2,319.73
1/2	1/2	1/2	1/2	1/2	4,472.67	1/2	4,229.89	1/2	3,969.57	1/2	3,702.32	1/2	3,390.61	1/2	3,031.58	1/2	2,671.88	1/2	2,312.23
3/4	3/4	3/4	3/4	3/4	4,467.77	3/4	4,224.62	3/4	3,964.00	3/4	3,696.76	3/4	3,383.23	3/4	3,024.09	3/4	2,664.39	3/4	2,304.72
1	1	1	1	1	4,462.88	1	4,219.36	1	3,958.43	1	3,691.19	1	3,375.85	1	3,016.59	1	2,656.89	1	2,297.22
1/4	1/4	1/4	1/4	1/4	4,457.98	1/4	4,214.09	1/4	3,952.86	1/4	3,685.62	1/4	3,368.46	1/4	3,009.10	1/4	2,649.40	1/4	2,289.71
1/2	1/2	1/2	1/2	1/2	4,453.09	1/2	4,208.82	1/2	3,947.30	1/2	3,680.05	1/2	3,361.08	1/2	3,001.60	1/2	2,641.91	1/2	2,282.21
3/4	3/4	3/4	3/4	3/4	4,448.17	3/4	4,203.52	3/4	3,941.73	3/4	3,674.48	3/4	3,353.64	3/4	2,994.11	3/4	2,634.42	3/4	2,274.70
2	2	2	2	2	4,443.24	2	4,198.23	2	3,936.16	2	3,668.92	2	3,346.20	2	2,986.62	2	2,626.92	2	2,267.20
1/4	1/4	1/4	1/4	1/4	4,438.32	1/4	4,192.93	1/4	3,930.59	1/4	3,663.35	1/4	3,338.76	1/4	2,979.12	1/4	2,619.43	1/4	2,259.69
1/2	1/2	1/2	1/2	1/2	4,433.40	1/2	4,187.63	1/2	3,925.03	1/2	3,657.78	1/2	3,331.33	1/2	2,971.63	1/2	2,611.94	1/2	2,252.19
3/4	3/4	3/4	3/4	3/4	4,428.45	3/4	4,182.31	3/4	3,919.46	3/4	3,652.21	3/4	3,323.83	3/4	2,964.14	3/4	2,604.45	3/4	2,244.69
3	3	3	3	3	4,423.50	3	4,176.98	3	3,913.89	3	3,646.65	3	3,316.34	3	2,956.64	3	2,596.97	3	2,237.18
1/4	1/4	1/4	1/4	1/4	4,418.54	1/4	4,171.65	1/4	3,908.32	1/4	3,641.08	1/4	3,308.85	1/4	2,949.15	1/4	2,589.48	1/4	2,229.68
1/2	1/2	1/2	1/2	1/2	4,413.59	1/2	4,166.33	1/2	3,902.76	1/2	3,635.51	1/2	3,301.35	1/2	2,941.65	1/2	2,581.99	1/2	2,222.17
3/4	3/4	3/4	3/4	3/4	4,408.61	3/4	4,160.97	3/4	3,897.19	3/4	3,629.94	3/4	3,293.86	3/4	2,934.16	3/4	2,574.50	3/4	2,214.68
4	4	4	4	4	4,403.63	4	4,155.62	4	3,891.62	4	3,624.38	4	3,286.36	4	2,926.67	4	2,567.01	4	2,207.18
1/4	1/4	1/4	1/4	1/4	4,398.65	1/4	4,150.27	1/4	3,886.05	1/4	3,618.81	1/4	3,278.87	1/4	2,919.17	1/4	2,559.52	1/4	2,199.68
1/2	1/2	1/2	1/2	1/2	4,393.67	1/2	4,144.91	1/2	3,880.49	1/2	3,613.24	1/2	3,271.38	1/2	2,911.68	1/2	2,552.04	1/2	2,192.19
3/4	3/4	3/4	3/4	3/4	4,388.67	3/4	4,139.53	3/4	3,874.92	3/4	3,607.67	3/4	3,263.88	3/4	2,904.19	3/4	2,544.55	3/4	2,184.70
5	5	5	5	5	4,383.66	5	4,134.15	5	3,869.35	5	3,602.11	5	3,256.39	5	2,896.69	5	2,537.06	5	2,177.21
1/4	1/4	1/4	1/4	1/4	4,378.65	1/4	4,128.76	1/4	3,863.78	1/4	3,596.54	1/4	3,248.90	1/4	2,889.20	1/4	2,529.57	1/4	2,169.72
1/2	1/2	1/2	1/2	1/2	4,373.64	1/2	4,123.38	1/2	3,858.22	1/2	3,590.97	1/2	3,241.40	1/2	2,881.70	1/2	2,522.08	1/2	2,162.23
3/4	3/4	3/4	3/4	3/4	4,368.60	3/4	4,117.97	3/4	3,852.65	3/4	3,584.92	3/4	3,233.91	3/4	2,874.21	3/4	2,514.59	3/4	2,154.75
6	6	6	6	6	4,363.57	6	4,112.56	6	3,847.08	6	3,578.86	6	3,226.42	6	2,866.72	6	2,507.10	6	2,147.26
1/4	1/4	1/4	1/4	1/4	4,358.53	1/4	4,107.15	1/4	3,841.51	1/4	3,572.81	1/4	3,218.92	1/4	2,859.22	1/4	2,499.62	1/4	2,139.77
1/2	1/2	1/2	1/2	1/2	4,353.49	1/2	4,101.74	1/2	3,835.95	1/2	3,566.75	1/2	3,211.43	1/2	2,851.73	1/2	2,492.13	1/2	2,132.28
3/4	3/4	3/4	3/4	3/4	4,348.43	3/4	4,096.30	3/4	3,830.38	3/4	3,559.73	3/4	3,203.93	3/4	2,844.24	3/4	2,484.64	3/4	2,124.79
7	7	7	7	7	4,343.36	7	4,090.86	7	3,824.81	7	3,552.71	7	3,196.44	7	2,836.74	7	2,477.15	7	2,117.31
1/4	1/4	1/4	1/4	1/4	4,338.30	1/4	4,085.42	1/4	3,819.24	1/4	3,545.68	1/4	3,188.95	1/4	2,829.25	1/4	2,469.66	1/4	2,109.82
1/2	1/2	1/2	1/2	1/2	4,333.23	1/2	4,079.98	1/2	3,813.67	1/2	3,538.66	1/2	3,181.45	1/2	2,821.76	1/2	2,462.17	1/2	2,102.33
3/4	3/4	3/4	3/4	3/4	4,328.14	3/4	4,074.51	3/4	3,808.11	3/4	3,531.21	3/4	3,173.96	3/4	2,814.26	3/4	2,454.69	3/4	2,094.89
8	8	8	8	8	4,323.04	8	4,069.04	8	3,802.54	8	3,523.76	8	3,166.47	8	2,806.77	8	2,447.20	8	2,087.45
1/4	1/4	1/4	1/4	1/4	4,317.95	1/4	4,063.58	1/4	3,796.97	1/4	3,516.31	1/4	3,158.97	1/4	2,799.27	1/4	2,439.71	1/4	2,080.01
1/2	1/2	1/2	1/2	1/2	4,312.86	1/2	4,058.11	1/2	3,791.40	1/2	3,508.86	1/2	3,151.48	1/2	2,791.78	1/2	2,432.22	1/2	2,072.57
3/4	3/4	3/4	3/4	3/4	4,307.73	3/4	4,052.61	3/4	3,785.84	3/4	3,501.47	3/4	3,143.98	3/4	2,784.29	3/4	2,424.73	3/4	2,065.17
9	9	9	9	9	4,302.61	9	4,047.12	9	3,780.27	9	3,494.07	9	3,136.49	9	2,776.79	9	2,417.24	9	2,057.78
1/4	1/4	1/4	1/4	1/4	4,297.49	1/4	4,041.62	1/4	3,774.70	1/4	3,486.68	1/4	3,129.00	1/4	2,769.30	1/4	2,409.74	1/4	2,050.38
1/2	1/2	1/2	1/2	1/2	4,292.37	1/2	4,036.12	1/2	3,769.13	1/2	3,479.28	1/2	3,121.50	1/2	2,761.81	1/2	2,402.25	1/2	2,042.99
3/4	3/4	3/4	3/4	3/4	4,287.20	3/4	4,030.60	3/4	3,763.57	3/4	3,471.89	3/4	3,114.01	3/4	2,754.31	3/4	2,394.75	3/4	2,035.59
10	10	10	10	10	4,282.03	10	4,025.07	10	3,758.00	10	3,464.49	10	3,106.52	10	2,746.82	10	2,387.26	10	2,028.20
1/4	1/4	1/4	1/4	1/4	4,276.87	1/4	4,019.55	1/4	3,752.43	1/4	3,457.10	1/4	3,099.02	1/4	2,739.32	1/4	2,379.76	1/4	2,020.80
1/2	1/2	1/2	1/2	1/2	4,271.70	1/2	4,014.02	1/2	3,746.86	1/2	3,449.70	1/2	3,091.53	1/2	2,731.83	1/2	2,372.26	1/2	2,013.41
3/4	3/4	3/4	3/4	3/4	4,266.49	3/4	4,008.47	3/4	3,741.30	3/4	3,442.31	3/4	3,084.03	3/4	2,724.34	3/4	2,364.75	3/4	2,006.01
11	11	11	11	11	4,261.28	11	4,002.92	11	3,735.73	11	3,434.93	11	3,076.54	11	2,716.84	11	2,357.25	11	1,998.62
1/4	1/4	1/4	1/4	1/4	4,256.07	1/4	3,997.37	1/4	3,730.16	1/4	3,427.54	1/4	3,069.05	1/4	2,709.35	1/4	2,349.75	1/4	1,991.22
1/2	1/2	1/2	1/2	1/2	4,250.85	1/2	3,991.82	1/2	3,724.59	1/2	3,420.15	1/2	3,061.55	1/2	2,701.86	1/2	2,342.24	1/2	1,983.83
3/4	3/4	3/4	3/4	3/4	4,245.61	3/4	3,986.26	3/4	3,719.03	3/4	3,412.76	3/4	3,054.06	3/4	2,694.36	3/4	2,334.74	3/4	1,976.43

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" HERMETIC VALVE.  
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 45'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE CTC29108

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,969.04	0	1,612.23	0	1,252.33	0	896.32	0	556.01	0	195.74	0		0		0		0	
1/4	1,961.64	1/4	1,604.74	1/4	1,244.83	1/4	889.31	1/4	548.50	1/4	188.24	1/4		1/4		1/4		1/4	
1/2	1,954.25	1/2	1,597.24	1/2	1,237.34	1/2	882.31	1/2	540.99	1/2	180.73	1/2		1/2		1/2		1/2	
3/4	1,946.86	3/4	1,589.74	3/4	1,229.84	3/4	875.31	3/4	533.49	3/4	173.22	3/4		3/4		3/4		3/4	
1	1,939.46	1	1,582.24	1	1,222.34	1	868.32	1	525.98	1	165.72	1		1		1		1	
1/4	1,932.07	1/4	1,574.74	1/4	1,214.84	1/4	861.32	1/4	518.47	1/4	158.21	1/4		1/4		1/4		1/4	
1/2	1,924.67	1/2	1,567.25	1/2	1,207.34	1/2	854.33	1/2	510.97	1/2	150.70	1/2		1/2		1/2		1/2	
3/4	1,917.28	3/4	1,559.75	3/4	1,199.84	3/4	847.33	3/4	503.46	3/4	143.19	3/4		3/4		3/4		3/4	
2	1,909.88	2	1,552.25	2	1,192.35	2	840.33	2	495.95	2	135.68	2		2		2		2	
1/4	1,902.49	1/4	1,544.75	1/4	1,184.85	1/4	833.33	1/4	488.45	1/4	128.17	1/4		1/4		1/4		1/4	
1/2	1,895.09	1/2	1,537.25	1/2	1,177.35	1/2	826.33	1/2	480.94	1/2	120.66	1/2		1/2		1/2		1/2	
3/4	1,887.70	3/4	1,529.76	3/4	1,169.85	3/4	819.33	3/4	473.44	3/4	113.14	3/4		3/4		3/4		3/4	
3	1,880.30	3	1,522.26	3	1,162.35	3	812.32	3	465.93	3	105.62	3		3		3		3	
1/4	1,872.91	1/4	1,514.76	1/4	1,154.85	1/4	805.32	1/4	458.43	1/4	98.10	1/4		1/4		1/4		1/4	
1/2	1,865.51	1/2	1,507.26	1/2	1,147.35	1/2	798.32	1/2	450.92	1/2	90.58	1/2		1/2		1/2		1/2	
3/4	1,858.11	3/4	1,499.77	3/4	1,139.85	3/4	791.32	3/4	443.42	3/4	83.07	3/4		3/4		3/4		3/4	
4	1,850.71	4	1,492.27	4	1,132.34	4	784.32	4	435.92	4	75.55	4		4		4		4	
1/4	1,843.31	1/4	1,484.77	1/4	1,124.84	1/4	777.32	1/4	428.42	1/4	68.03	1/4		1/4		1/4		1/4	
1/2	1,835.91	1/2	1,477.27	1/2	1,117.34	1/2	770.32	1/2	420.91	1/2	60.51	1/2		1/2		1/2		1/2	
3/4	1,828.50	3/4	1,469.77	3/4	1,109.84	3/4	763.32	3/4	413.41	3/4	53.62	3/4		3/4		3/4		3/4	
5	1,821.09	5	1,462.28	5	1,102.35	5	756.32	5	405.91	5	46.73	5		5		5		5	
1/4	1,813.69	1/4	1,454.78	1/4	1,094.85	1/4	749.32	1/4	398.41	1/4	39.84	1/4		1/4		1/4		1/4	
1/2	1,806.28	1/2	1,447.28	1/2	1,087.35	1/2	742.32	1/2	390.91	1/2	32.94	1/2		1/2		1/2		1/2	
3/4	1,798.87	3/4	1,439.78	3/4	1,079.86	3/4	735.33	3/4	383.40	3/4	27.93	3/4		3/4		3/4		3/4	
6	1,791.46	6	1,432.28	6	1,072.37	6	728.33	6	375.90	6	22.92	6		6		6		6	
1/4	1,784.05	1/4	1,424.79	1/4	1,064.87	1/4	721.33	1/4	368.39	1/4	17.91	1/4		1/4		1/4		1/4	
1/2	1,776.65	1/2	1,417.29	1/2	1,057.38	1/2	714.33	1/2	360.89	1/2	12.89	1/2		1/2		1/2		1/2	
3/4	1,769.24	3/4	1,409.79	3/4	1,049.89	3/4	707.33	3/4	353.38	3/4		3/4		3/4		3/4		3/4	
7	1,761.83	7	1,402.29	7	1,042.40	7	700.34	7	345.87	7		7		7		7		7	
1/4	1,754.42	1/4	1,394.79	1/4	1,034.90	1/4	693.34	1/4	338.37	1/4		1/4		1/4		1/4		1/4	
1/2	1,747.02	1/2	1,387.30	1/2	1,027.41	1/2	686.34	1/2	330.86	1/2		1/2		1/2		1/2		1/2	
3/4	1,739.56	3/4	1,379.80	3/4	1,019.92	3/4	679.32	3/4	323.35	3/4		3/4		3/4		3/4		3/4	
8	1,732.11	8	1,372.30	8	1,012.43	8	672.31	8	315.85	8		8		8		8		8	
1/4	1,724.66	1/4	1,364.80	1/4	1,004.93	1/4	665.29	1/4	308.34	1/4		1/4		1/4		1/4		1/4	
1/2	1,717.20	1/2	1,357.31	1/2	997.44	1/2	658.27	1/2	300.83	1/2		1/2		1/2		1/2		1/2	
3/4	1,709.71	3/4	1,349.81	3/4	989.95	3/4	651.24	3/4	293.33	3/4		3/4		3/4		3/4		3/4	
9	1,702.21	9	1,342.31	9	982.45	9	644.20	9	285.82	9		9		9		9		9	
1/4	1,694.71	1/4	1,334.81	1/4	974.96	1/4	637.17	1/4	278.31	1/4		1/4		1/4		1/4		1/4	
1/2	1,687.21	1/2	1,327.31	1/2	967.47	1/2	630.13	1/2	270.81	1/2		1/2		1/2		1/2		1/2	
3/4	1,679.71	3/4	1,319.82	3/4	960.21	3/4	622.86	3/4	263.30	3/4		3/4		3/4		3/4		3/4	
10	1,672.22	10	1,312.32	10	952.95	10	615.59	10	255.80	10		10		10		10		10	
1/4	1,664.72	1/4	1,304.82	1/4	945.69	1/4	608.32	1/4	248.29	1/4		1/4		1/4		1/4		1/4	
1/2	1,657.22	1/2	1,297.32	1/2	938.43	1/2	601.05	1/2	240.78	1/2		1/2		1/2		1/2		1/2	
3/4	1,649.72	3/4	1,289.82	3/4	931.40	3/4	593.54	3/4	233.28	3/4		3/4		3/4		3/4		3/4	
11	1,642.23	11	1,282.33	11	924.38	11	586.03	11	225.77	11		11		11		11		11	
1/4	1,634.73	1/4	1,274.83	1/4	917.36	1/4	578.53	1/4	218.26	1/4		1/4		1/4		1/4		1/4	
1/2	1,627.23	1/2	1,267.33	1/2	910.33	1/2	571.02	1/2	210.76	1/2		1/2		1/2		1/2		1/2	
3/4	1,619.73	3/4	1,259.83	3/4	903.33	3/4	563.51	3/4	203.25	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/09/2021 JS  
CALCULATED: 07/09/2021 CL  
PRINTED: 07/09/2021 JS

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2021