



# BARGE "CTC29102" 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"

June 3, 2020

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**  
 P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CTC29102"

# 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	10.16	0	259.90	0	541.87	0	846.14	0	1,172.40	0	1,503.74	0	1,835.08	0	2,166.37	0	2,497.58	0	2,828.80
1/4	13.48	1/4	265.56	1/4	547.99	1/4	852.74	1/4	1,179.30	1/4	1,510.64	1/4	1,841.99	1/4	2,173.27	1/4	2,504.48	1/4	2,835.70
1/2	16.81	1/2	271.22	1/2	554.10	1/2	859.35	1/2	1,186.20	1/2	1,517.55	1/2	1,848.89	1/2	2,180.17	1/2	2,511.38	1/2	2,842.60
3/4	20.14	3/4	276.88	3/4	560.21	3/4	865.96	3/4	1,193.11	3/4	1,524.45	3/4	1,855.79	3/4	2,187.07	3/4	2,518.28	3/4	2,849.50
1	23.46	1	282.54	1	566.32	1	872.57	1	1,200.01	1	1,531.35	1	1,862.70	1	2,193.97	1	2,525.18	1	2,856.40
1/4	28.12	1/4	288.24	1/4	572.47	1/4	879.21	1/4	1,206.91	1/4	1,538.26	1/4	1,869.60	1/4	2,200.87	1/4	2,532.08	1/4	2,863.30
1/2	32.77	1/2	293.94	1/2	578.62	1/2	885.86	1/2	1,213.81	1/2	1,545.16	1/2	1,876.50	1/2	2,207.77	1/2	2,538.98	1/2	2,870.20
3/4	37.42	3/4	299.64	3/4	584.77	3/4	892.51	3/4	1,220.72	3/4	1,552.06	3/4	1,883.41	3/4	2,214.67	3/4	2,545.89	3/4	2,877.10
2	42.08	2	305.33	2	590.92	2	899.15	2	1,227.62	2	1,558.96	2	1,890.31	2	2,221.57	2	2,552.79	2	2,884.00
1/4	47.35	1/4	311.07	1/4	597.11	1/4	905.84	1/4	1,234.52	1/4	1,565.87	1/4	1,897.21	1/4	2,228.47	1/4	2,559.69	1/4	2,890.90
1/2	52.61	1/2	316.81	1/2	603.30	1/2	912.53	1/2	1,241.43	1/2	1,572.77	1/2	1,904.11	1/2	2,235.37	1/2	2,566.59	1/2	2,897.80
3/4	57.88	3/4	322.54	3/4	609.50	3/4	919.21	3/4	1,248.33	3/4	1,579.67	3/4	1,911.02	3/4	2,242.27	3/4	2,573.49	3/4	2,904.70
3	63.15	3	328.28	3	615.69	3	925.90	3	1,255.23	3	1,586.58	3	1,917.92	3	2,249.17	3	2,580.39	3	2,911.60
1/4	68.46	1/4	334.06	1/4	621.92	1/4	932.62	1/4	1,262.14	1/4	1,593.48	1/4	1,924.82	1/4	2,256.07	1/4	2,587.29	1/4	2,918.50
1/2	73.77	1/2	339.84	1/2	628.15	1/2	939.35	1/2	1,269.04	1/2	1,600.38	1/2	1,931.73	1/2	2,262.97	1/2	2,594.19	1/2	2,925.40
3/4	79.07	3/4	345.62	3/4	634.38	3/4	946.08	3/4	1,275.94	3/4	1,607.29	3/4	1,938.63	3/4	2,269.87	3/4	2,601.09	3/4	2,932.30
4	84.38	4	351.39	4	640.61	4	952.80	4	1,282.84	4	1,614.19	4	1,945.53	4	2,276.77	4	2,607.99	4	2,939.20
1/4	89.73	1/4	357.21	1/4	646.88	1/4	959.57	1/4	1,289.75	1/4	1,621.09	1/4	1,952.44	1/4	2,283.67	1/4	2,614.89	1/4	2,946.10
1/2	95.08	1/2	363.03	1/2	653.15	1/2	966.33	1/2	1,296.65	1/2	1,627.99	1/2	1,959.34	1/2	2,290.57	1/2	2,621.79	1/2	2,953.00
3/4	100.42	3/4	368.85	3/4	659.42	3/4	973.10	3/4	1,303.55	3/4	1,634.90	3/4	1,966.24	3/4	2,297.47	3/4	2,628.69	3/4	2,959.91
5	105.77	5	374.67	5	665.69	5	979.86	5	1,310.46	5	1,641.80	5	1,973.14	5	2,304.37	5	2,635.59	5	2,966.81
1/4	111.16	1/4	380.53	1/4	672.00	1/4	986.67	1/4	1,317.36	1/4	1,648.70	1/4	1,980.05	1/4	2,311.28	1/4	2,642.49	1/4	2,973.71
1/2	116.54	1/2	386.39	1/2	678.31	1/2	993.47	1/2	1,324.26	1/2	1,655.61	1/2	1,986.95	1/2	2,318.18	1/2	2,649.39	1/2	2,980.61
3/4	121.93	3/4	392.25	3/4	684.62	3/4	1,000.28	3/4	1,331.17	3/4	1,662.51	3/4	1,993.85	3/4	2,325.08	3/4	2,656.29	3/4	2,987.51
6	127.32	6	398.11	6	690.93	6	1,007.08	6	1,338.07	6	1,669.41	6	2,000.76	6	2,331.98	6	2,663.19	6	2,994.41
1/4	132.74	1/4	404.01	1/4	697.29	1/4	1,013.92	1/4	1,344.97	1/4	1,676.32	1/4	2,007.66	1/4	2,338.88	1/4	2,670.09	1/4	3,001.31
1/2	138.17	1/2	409.91	1/2	703.65	1/2	1,020.77	1/2	1,351.87	1/2	1,683.22	1/2	2,014.56	1/2	2,345.78	1/2	2,676.99	1/2	3,008.21
3/4	143.59	3/4	415.81	3/4	710.01	3/4	1,027.61	3/4	1,358.78	3/4	1,690.12	3/4	2,021.47	3/4	2,352.68	3/4	2,683.89	3/4	3,015.11
7	149.02	7	421.70	7	716.36	7	1,034.46	7	1,365.68	7	1,697.02	7	2,028.37	7	2,359.58	7	2,690.79	7	3,022.01
1/4	154.49	1/4	427.64	1/4	722.77	1/4	1,041.33	1/4	1,372.58	1/4	1,703.93	1/4	2,035.27	1/4	2,366.48	1/4	2,697.69	1/4	3,028.91
1/2	159.95	1/2	433.58	1/2	729.18	1/2	1,048.21	1/2	1,379.49	1/2	1,710.83	1/2	2,042.17	1/2	2,373.38	1/2	2,704.59	1/2	3,035.81
3/4	165.42	3/4	439.52	3/4	735.58	3/4	1,055.09	3/4	1,386.39	3/4	1,717.73	3/4	2,049.07	3/4	2,380.28	3/4	2,711.49	3/4	3,042.71
8	170.88	8	445.46	8	741.99	8	1,061.97	8	1,393.29	8	1,724.64	8	2,055.96	8	2,387.18	8	2,718.39	8	3,049.61
1/4	176.39	1/4	451.43	1/4	748.44	1/4	1,068.87	1/4	1,400.20	1/4	1,731.54	1/4	2,062.86	1/4	2,394.08	1/4	2,725.29	1/4	3,056.51
1/2	181.89	1/2	457.41	1/2	754.89	1/2	1,075.76	1/2	1,407.10	1/2	1,738.44	1/2	2,069.77	1/2	2,400.98	1/2	2,732.19	1/2	3,063.41
3/4	187.40	3/4	463.39	3/4	761.34	3/4	1,082.66	3/4	1,414.00	3/4	1,745.35	3/4	2,076.67	3/4	2,407.88	3/4	2,739.09	3/4	3,070.31
9	192.90	9	469.36	9	767.79	9	1,089.56	9	1,420.90	9	1,752.25	9	2,083.57	9	2,414.78	9	2,745.99	9	3,077.21
1/4	198.44	1/4	475.38	1/4	774.28	1/4	1,096.46	1/4	1,427.81	1/4	1,759.15	1/4	2,090.47	1/4	2,421.68	1/4	2,752.89	1/4	3,084.11
1/2	203.99	1/2	481.39	1/2	780.77	1/2	1,103.37	1/2	1,434.71	1/2	1,766.05	1/2	2,097.37	1/2	2,428.58	1/2	2,759.79	1/2	3,091.01
3/4	209.53	3/4	487.40	3/4	787.26	3/4	1,110.27	3/4	1,441.61	3/4	1,772.96	3/4	2,104.27	3/4	2,435.48	3/4	2,766.69	3/4	3,097.91
10	215.08	10	493.42	10	793.75	10	1,117.17	10	1,448.52	10	1,779.86	10	2,111.17	10	2,442.38	10	2,773.60	10	3,104.81
1/4	220.66	1/4	499.46	1/4	800.28	1/4	1,124.08	1/4	1,455.42	1/4	1,786.76	1/4	2,118.07	1/4	2,449.28	1/4	2,780.50	1/4	3,111.71
1/2	226.24	1/2	505.50	1/2	806.81	1/2	1,130.98	1/2	1,462.32	1/2	1,793.67	1/2	2,124.97	1/2	2,456.18	1/2	2,787.40	1/2	3,118.61
3/4	231.83	3/4	511.54	3/4	813.33	3/4	1,137.88	3/4	1,469.23	3/4	1,800.57	3/4	2,131.87	3/4	2,463.08	3/4	2,794.30	3/4	3,125.51
11	237.41	11	517.59	11	819.86	11	1,144.78	11	1,476.13	11	1,807.47	11	2,138.77	11	2,469.98	11	2,801.20	11	3,132.41
1/4	243.03	1/4	523.66	1/4	826.43	1/4	1,151.69	1/4	1,483.03	1/4	1,814.38	1/4	2,145.67	1/4	2,476.88	1/4	2,808.10	1/4	3,139.31
1/2	248.66	1/2	529.73	1/2	833.00	1/2	1,158.59	1/2	1,489.93	1/2	1,821.28	1/2	2,152.57	1/2	2,483.78	1/2	2,815.00	1/2	3,146.21
3/4	254.28	3/4	535.80	3/4	839.57	3/4	1,165.49	3/4	1,496.84	3/4	1,828.18	3/4	2,159.47	3/4	2,490.68	3/4	2,821.90	3/4	3,153.11

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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# BARGE "CTC29102"

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS																									
10 FT.			11 FT.			12 FT.			13 FT.			14 FT.			15 FT.			16 FT.			17 FT.			GAUGE HEIGHT 15'-06 3/4"	
IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	18 FT.	19 FT.
0	3,160.01	0	3,491.22	0	3,821.10	0	4,137.91	0	4,438.28	0		0		0		0		0		0		0		0	
1/4	3,166.91	1/4	3,498.12	1/4	3,827.85	1/4	4,144.31	1/4	4,444.57	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,173.81	1/2	3,505.02	1/2	3,834.61	1/2	4,150.72	1/2	4,450.86	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,180.71	3/4	3,511.92	3/4	3,841.36	3/4	4,157.12	3/4	4,457.14	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	3,187.61	1	3,518.82	1	3,848.12	1	4,163.52	1	4,463.43	1		1		1		1		1		1		1		1	
1/4	3,194.51	1/4	3,525.72	1/4	3,854.85	1/4	4,169.90	1/4	4,470.10	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,201.41	1/2	3,532.62	1/2	3,861.58	1/2	4,176.27	1/2	4,476.77	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,208.31	3/4	3,539.52	3/4	3,868.31	3/4	4,182.65	3/4	4,483.43	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	3,215.21	2	3,546.42	2	3,875.04	2	4,189.02	2	4,490.10	2		2		2		2		2		2		2		2	
1/4	3,222.11	1/4	3,553.32	1/4	3,881.74	1/4	4,195.37	1/4	4,496.96	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,229.01	1/2	3,560.22	1/2	3,888.45	1/2	4,201.72	1/2	4,503.82	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,235.91	3/4	3,567.12	3/4	3,895.15	3/4	4,208.07	3/4	4,510.68	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	3,242.82	3	3,574.02	3	3,901.85	3	4,214.42	3	4,517.54	3		3		3		3		3		3		3		3	
1/4	3,249.72	1/4	3,580.92	1/4	3,908.53	1/4	4,220.74	1/4	4,524.32	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,256.62	1/2	3,587.83	1/2	3,915.21	1/2	4,227.07	1/2	4,531.09	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,263.52	3/4	3,594.73	3/4	3,921.89	3/4	4,233.39	3/4	4,537.86	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	3,270.42	4	3,601.63	4	3,928.56	4	4,239.71	4	4,544.64	4		4		4		4		4		4		4		4	
1/4	3,277.32	1/4	3,608.53	1/4	3,935.22	1/4	4,246.01	1/4	4,550.72	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,284.22	1/2	3,615.43	1/2	3,941.87	1/2	4,252.31	1/2	4,556.80	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,291.12	3/4	3,622.33	3/4	3,948.52	3/4	4,258.60	3/4	4,562.89	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	3,298.02	5	3,629.23	5	3,955.17	5	4,264.90	5	4,568.97	5		5		5		5		5		5		5		5	
1/4	3,304.92	1/4	3,636.13	1/4	3,961.79	1/4	4,271.17	1/4	4,573.76	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,311.82	1/2	3,643.03	1/2	3,968.42	1/2	4,277.44	1/2	4,578.55	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,318.72	3/4	3,649.93	3/4	3,975.04	3/4	4,283.71	3/4	4,583.34	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,325.62	6	3,656.83	6	3,981.67	6	4,289.98	6	4,588.13	6		6		6		6		6		6		6		6	
1/4	3,332.52	1/4	3,663.72	1/4	3,988.27	1/4	4,296.23	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,339.42	1/2	3,670.62	1/2	3,994.87	1/2	4,302.47	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,346.32	3/4	3,677.52	3/4	4,001.47	3/4	4,308.72	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,353.22	7	3,684.42	7	4,008.06	7	4,314.96	7		7		7		7		7		7		7		7		7	
1/4	3,360.12	1/4	3,691.30	1/4	4,014.64	1/4	4,321.18	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,367.02	1/2	3,698.18	1/2	4,021.21	1/2	4,327.40	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,373.92	3/4	3,705.07	3/4	4,027.78	3/4	4,333.62	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,380.82	8	3,711.95	8	4,034.36	8	4,339.84	8		8		8		8		8		8		8		8		8	
1/4	3,387.72	1/4	3,718.81	1/4	4,040.88	1/4	4,346.03	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,394.62	1/2	3,725.67	1/2	4,047.41	1/2	4,352.22	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,401.52	3/4	3,732.53	3/4	4,053.93	3/4	4,358.41	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,408.42	9	3,739.39	9	4,060.46	9	4,364.60	9		9		9		9		9		9		9		9		9	
1/4	3,415.32	1/4	3,746.23	1/4	4,066.94	1/4	4,370.77	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,422.22	1/2	3,753.06	1/2	4,073.42	1/2	4,376.94	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,429.12	3/4	3,759.90	3/4	4,079.90	3/4	4,383.10	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,436.02	10	3,766.73	10	4,086.38	10	4,389.27	10		10		10		10		10		10		10		10		10	
1/4	3,442.92	1/4	3,773.54	1/4	4,092.84	1/4	4,395.41	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,449.82	1/2	3,780.35	1/2	4,099.29	1/2	4,401.55	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,456.72	3/4	3,787.16	3/4	4,105.75	3/4	4,407.69	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,463.62	11	3,793.97	11	4,112.20	11	4,413.83	11		11		11		11		11		11		11		11		11	
1/4	3,470.52	1/4	3,800.75	1/4	4,118.63	1/4	4,419.94	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,477.42	1/2	3,807.53	1/2	4,125.06	1/2	4,426.05	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,484.32	3/4	3,814.31	3/4	4,131.48	3/4	4,432.17	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: 06/03/2020 CL  
CALCULATED: 06/03/2020 CL  
PRINTED: 06/03/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2020

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



# BARGE "CTC29102"

## 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	10.16	0	260.02	0	542.14	0	846.10	0	1,172.00	0	1,503.55	0	1,835.09	0	2,166.60	0	2,498.02	0	2,829.44
1/4	13.49	1/4	265.68	1/4	548.25	1/4	852.69	1/4	1,178.91	1/4	1,510.46	1/4	1,842.00	1/4	2,173.50	1/4	2,504.92	1/4	2,836.35
1/2	16.82	1/2	271.34	1/2	554.36	1/2	859.28	1/2	1,185.82	1/2	1,517.36	1/2	1,848.91	1/2	2,180.41	1/2	2,511.83	1/2	2,843.25
3/4	20.15	3/4	277.01	3/4	560.48	3/4	865.87	3/4	1,192.72	3/4	1,524.27	3/4	1,855.82	3/4	2,187.31	3/4	2,518.73	3/4	2,850.15
1	23.47	1	282.67	1	566.59	1	872.46	1	1,199.63	1	1,531.18	1	1,862.72	1	2,194.22	1	2,525.64	1	2,857.06
1/4	28.13	1/4	288.37	1/4	572.74	1/4	879.09	1/4	1,206.54	1/4	1,538.08	1/4	1,869.63	1/4	2,201.12	1/4	2,532.54	1/4	2,863.96
1/2	32.78	1/2	294.07	1/2	578.90	1/2	885.72	1/2	1,213.45	1/2	1,544.99	1/2	1,876.54	1/2	2,208.03	1/2	2,539.45	1/2	2,870.87
3/4	37.44	3/4	299.77	3/4	585.05	3/4	892.35	3/4	1,220.35	3/4	1,551.90	3/4	1,883.44	3/4	2,214.93	3/4	2,546.35	3/4	2,877.77
2	42.10	2	305.47	2	591.21	2	898.98	2	1,227.26	2	1,558.81	2	1,890.35	2	2,221.84	2	2,553.26	2	2,884.68
1/4	47.37	1/4	311.21	1/4	597.40	1/4	905.65	1/4	1,234.17	1/4	1,565.71	1/4	1,897.26	1/4	2,228.74	1/4	2,560.16	1/4	2,891.58
1/2	52.64	1/2	316.95	1/2	603.60	1/2	912.32	1/2	1,241.07	1/2	1,572.62	1/2	1,904.17	1/2	2,235.64	1/2	2,567.07	1/2	2,898.49
3/4	57.91	3/4	322.69	3/4	609.79	3/4	918.98	3/4	1,247.98	3/4	1,579.53	3/4	1,911.07	3/4	2,242.55	3/4	2,573.97	3/4	2,905.39
3	63.18	3	328.43	3	615.99	3	925.65	3	1,254.89	3	1,586.43	3	1,917.98	3	2,249.45	3	2,580.87	3	2,912.30
1/4	68.49	1/4	334.21	1/4	622.22	1/4	932.36	1/4	1,261.80	1/4	1,593.34	1/4	1,924.89	1/4	2,256.36	1/4	2,587.78	1/4	2,919.20
1/2	73.80	1/2	339.99	1/2	628.46	1/2	939.07	1/2	1,268.70	1/2	1,600.25	1/2	1,931.79	1/2	2,263.26	1/2	2,594.68	1/2	2,926.10
3/4	79.11	3/4	345.77	3/4	634.69	3/4	945.78	3/4	1,275.61	3/4	1,607.16	3/4	1,938.70	3/4	2,270.17	3/4	2,601.59	3/4	2,933.01
4	84.42	4	351.55	4	640.93	4	952.49	4	1,282.52	4	1,614.06	4	1,945.61	4	2,277.07	4	2,608.49	4	2,939.91
1/4	89.77	1/4	357.38	1/4	647.20	1/4	959.23	1/4	1,289.43	1/4	1,620.97	1/4	1,952.52	1/4	2,283.98	1/4	2,615.40	1/4	2,946.82
1/2	95.12	1/2	363.20	1/2	653.47	1/2	965.98	1/2	1,296.33	1/2	1,627.88	1/2	1,959.42	1/2	2,290.88	1/2	2,622.30	1/2	2,953.73
3/4	100.47	3/4	369.02	3/4	659.75	3/4	972.73	3/4	1,303.24	3/4	1,634.79	3/4	1,966.33	3/4	2,297.79	3/4	2,629.21	3/4	2,960.63
5	105.82	5	374.85	5	666.02	5	979.48	5	1,310.15	5	1,641.69	5	1,973.24	5	2,304.69	5	2,636.11	5	2,967.54
1/4	111.20	1/4	380.71	1/4	672.34	1/4	986.27	1/4	1,317.05	1/4	1,648.60	1/4	1,980.15	1/4	2,311.60	1/4	2,643.02	1/4	2,974.44
1/2	116.59	1/2	386.57	1/2	678.65	1/2	993.05	1/2	1,323.96	1/2	1,655.51	1/2	1,987.05	1/2	2,318.50	1/2	2,649.92	1/2	2,981.35
3/4	121.98	3/4	392.43	3/4	684.96	3/4	999.84	3/4	1,330.87	3/4	1,662.41	3/4	1,993.96	3/4	2,325.40	3/4	2,656.83	3/4	2,988.25
6	127.37	6	398.29	6	691.28	6	1,006.63	6	1,337.78	6	1,669.32	6	2,000.87	6	2,332.31	6	2,663.73	6	2,995.16
1/4	132.80	1/4	404.20	1/4	697.63	1/4	1,013.46	1/4	1,344.68	1/4	1,676.23	1/4	2,007.77	1/4	2,339.21	1/4	2,670.63	1/4	3,002.06
1/2	138.23	1/2	410.10	1/2	703.98	1/2	1,020.30	1/2	1,351.59	1/2	1,683.14	1/2	2,014.68	1/2	2,346.12	1/2	2,677.54	1/2	3,008.97
3/4	143.66	3/4	416.00	3/4	710.33	3/4	1,027.14	3/4	1,358.50	3/4	1,690.04	3/4	2,021.59	3/4	2,353.02	3/4	2,684.44	3/4	3,015.87
7	149.08	7	421.90	7	716.68	7	1,033.98	7	1,365.40	7	1,696.95	7	2,028.50	7	2,359.93	7	2,691.35	7	3,022.77
1/4	154.55	1/4	427.84	1/4	723.07	1/4	1,040.86	1/4	1,372.31	1/4	1,703.86	1/4	2,035.40	1/4	2,366.83	1/4	2,698.25	1/4	3,029.68
1/2	160.02	1/2	433.78	1/2	729.46	1/2	1,047.74	1/2	1,379.22	1/2	1,710.76	1/2	2,042.31	1/2	2,373.74	1/2	2,705.16	1/2	3,036.58
3/4	165.49	3/4	439.72	3/4	735.85	3/4	1,054.62	3/4	1,386.13	3/4	1,717.67	3/4	2,049.22	3/4	2,380.64	3/4	2,712.06	3/4	3,043.49
8	170.96	8	445.66	8	742.24	8	1,061.51	8	1,393.03	8	1,724.58	8	2,056.13	8	2,387.55	8	2,718.97	8	3,050.39
1/4	176.46	1/4	451.64	1/4	748.67	1/4	1,068.41	1/4	1,399.94	1/4	1,731.49	1/4	2,063.03	1/4	2,394.45	1/4	2,725.87	1/4	3,057.30
1/2	181.97	1/2	457.63	1/2	755.10	1/2	1,075.31	1/2	1,406.85	1/2	1,738.39	1/2	2,069.93	1/2	2,401.36	1/2	2,732.78	1/2	3,064.20
3/4	187.48	3/4	463.61	3/4	761.53	3/4	1,082.21	3/4	1,413.75	3/4	1,745.30	3/4	2,076.84	3/4	2,408.26	3/4	2,739.68	3/4	3,071.11
9	192.98	9	469.59	9	767.96	9	1,089.12	9	1,420.66	9	1,752.21	9	2,083.74	9	2,415.16	9	2,746.59	9	3,078.01
1/4	198.53	1/4	475.60	1/4	774.44	1/4	1,096.02	1/4	1,427.57	1/4	1,759.11	1/4	2,090.65	1/4	2,422.07	1/4	2,753.49	1/4	3,084.91
1/2	204.08	1/2	481.62	1/2	780.91	1/2	1,102.93	1/2	1,434.48	1/2	1,766.02	1/2	2,097.55	1/2	2,428.97	1/2	2,760.39	1/2	3,091.82
3/4	209.62	3/4	487.64	3/4	787.38	3/4	1,109.84	3/4	1,441.38	3/4	1,772.93	3/4	2,104.46	3/4	2,435.88	3/4	2,767.30	3/4	3,098.72
10	215.17	10	493.65	10	793.85	10	1,116.75	10	1,448.29	10	1,779.84	10	2,111.36	10	2,442.78	10	2,774.20	10	3,105.63
1/4	220.76	1/4	499.70	1/4	800.36	1/4	1,123.65	1/4	1,455.20	1/4	1,786.74	1/4	2,118.27	1/4	2,449.69	1/4	2,781.11	1/4	3,112.53
1/2	226.34	1/2	505.74	1/2	806.87	1/2	1,130.56	1/2	1,462.11	1/2	1,793.65	1/2	2,125.17	1/2	2,456.59	1/2	2,788.01	1/2	3,119.44
3/4	231.93	3/4	511.79	3/4	813.38	3/4	1,137.47	3/4	1,469.01	3/4	1,800.56	3/4	2,132.08	3/4	2,463.50	3/4	2,794.92	3/4	3,126.34
11	237.52	11	517.83	11	819.90	11	1,144.37	11	1,475.92	11	1,807.47	11	2,138.98	11	2,470.40	11	2,801.82	11	3,133.25
1/4	243.14	1/4	523.91	1/4	826.45	1/4	1,151.28	1/4	1,482.83	1/4	1,814.37	1/4	2,145.89	1/4	2,477.31	1/4	2,808.73	1/4	3,140.15
1/2	248.77	1/2	529.98	1/2	833.00	1/2	1,158.19	1/2	1,489.73	1/2	1,821.28	1/2	2,152.79	1/2	2,484.21	1/2	2,815.63	1/2	3,147.06
3/4	254.39	3/4	536.06	3/4	839.55	3/4	1,165.10	3/4	1,496.64	3/4	1,828.19	3/4	2,159.69	3/4	2,491.12	3/4	2,822.54	3/4	3,153.96

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "CTC29102"

**1 STBD  
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS																									
10 FT.			11 FT.			12 FT.			13 FT.			14 FT.			15 FT.			16 FT.			17 FT.			GAUGE HEIGHT 15'-06 1/2"	
IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	18 FT.	19 FT.
0	3,160.86	0	3,492.28	0	3,822.36	0	4,139.37	0	4,439.90	0		0		0		0		0		0		0		0	
1/4	3,167.77	1/4	3,499.18	1/4	3,829.12	1/4	4,145.77	1/4	4,446.20	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,174.67	1/2	3,506.09	1/2	3,835.88	1/2	4,152.18	1/2	4,452.49	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,181.58	3/4	3,512.99	3/4	3,842.64	3/4	4,158.58	3/4	4,458.78	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	3,188.48	1	3,519.90	1	3,849.40	1	4,164.99	1	4,465.07	1		1		1		1		1		1		1		1	
1/4	3,195.39	1/4	3,526.80	1/4	3,856.14	1/4	4,171.37	1/4	4,471.74	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,202.29	1/2	3,533.71	1/2	3,862.87	1/2	4,177.75	1/2	4,478.41	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,209.20	3/4	3,540.61	3/4	3,869.60	3/4	4,184.13	3/4	4,485.08	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	3,216.10	2	3,547.52	2	3,876.34	2	4,190.51	2	4,491.75	2		2		2		2		2		2		2		2	
1/4	3,223.00	1/4	3,554.42	1/4	3,883.05	1/4	4,196.86	1/4	4,498.62	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,229.91	1/2	3,561.33	1/2	3,889.75	1/2	4,203.21	1/2	4,505.48	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,236.81	3/4	3,568.23	3/4	3,896.46	3/4	4,209.57	3/4	4,512.35	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	3,243.72	3	3,575.13	3	3,903.17	3	4,215.92	3	4,519.21	3		3		3		3		3		3		3		3	
1/4	3,250.62	1/4	3,582.04	1/4	3,909.85	1/4	4,222.25	1/4	4,525.99	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,257.53	1/2	3,588.94	1/2	3,916.53	1/2	4,228.57	1/2	4,532.77	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,264.43	3/4	3,595.85	3/4	3,923.21	3/4	4,234.90	3/4	4,539.55	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	3,271.34	4	3,602.75	4	3,929.90	4	4,241.23	4	4,546.32	4		4		4		4		4		4		4		4	
1/4	3,278.24	1/4	3,609.66	1/4	3,936.55	1/4	4,247.53	1/4	4,552.41	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,285.15	1/2	3,616.56	1/2	3,943.21	1/2	4,253.83	1/2	4,558.50	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,292.05	3/4	3,623.47	3/4	3,949.86	3/4	4,260.13	3/4	4,564.59	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	3,298.95	5	3,630.37	5	3,956.52	5	4,266.43	5	4,570.67	5		5		5		5		5		5		5		5	
1/4	3,305.86	1/4	3,637.27	1/4	3,963.15	1/4	4,272.70	1/4	4,575.47	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,312.76	1/2	3,644.18	1/2	3,969.77	1/2	4,278.98	1/2	4,580.26	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,319.67	3/4	3,651.08	3/4	3,976.40	3/4	4,285.25	3/4	4,585.05	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,326.57	6	3,657.99	6	3,983.03	6	4,291.53	6	4,589.84	6		6		6		6		6		6		6		6	
1/4	3,333.48	1/4	3,664.89	1/4	3,989.64	1/4	4,297.77	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,340.38	1/2	3,671.79	1/2	3,996.24	1/2	4,304.02	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,347.29	3/4	3,678.69	3/4	4,002.84	3/4	4,310.27	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,354.19	7	3,685.60	7	4,009.44	7	4,316.52	7		7		7		7		7		7		7		7		7	
1/4	3,361.09	1/4	3,692.48	1/4	4,016.02	1/4	4,322.74	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,368.00	1/2	3,699.37	1/2	4,022.60	1/2	4,328.96	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,374.90	3/4	3,706.26	3/4	4,029.17	3/4	4,335.18	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,381.81	8	3,713.15	8	4,035.75	8	4,341.40	8		8		8		8		8		8		8		8		8	
1/4	3,388.71	1/4	3,720.01	1/4	4,042.28	1/4	4,347.60	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,395.62	1/2	3,726.88	1/2	4,048.81	1/2	4,353.80	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,402.52	3/4	3,733.74	3/4	4,055.34	3/4	4,359.99	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,409.43	9	3,740.61	9	4,061.87	9	4,366.19	9		9		9		9		9		9		9		9		9	
1/4	3,416.33	1/4	3,747.45	1/4	4,068.36	1/4	4,372.36	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,423.24	1/2	3,754.29	1/2	4,074.84	1/2	4,378.53	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,430.14	3/4	3,761.13	3/4	4,081.32	3/4	4,384.70	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,437.04	10	3,767.96	10	4,087.81	10	4,390.86	10		10		10		10		10		10		10		10		10	
1/4	3,443.95	1/4	3,774.78	1/4	4,094.27	1/4	4,397.01	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,450.85	1/2	3,781.59	1/2	4,100.72	1/2	4,403.15	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,457.76	3/4	3,788.40	3/4	4,107.18	3/4	4,409.29	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,464.66	11	3,795.22	11	4,113.64	11	4,415.44	11		11		11		11		11		11		11		11		11	
1/4	3,471.57	1/4	3,802.00	1/4	4,120.07	1/4	4,421.55	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,478.47	1/2	3,808.79	1/2	4,126.50	1/2	4,427.67	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,485.38	3/4	3,815.57	3/4	4,132.94	3/4	4,433.79	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: 06/03/2020 CL  
CALCULATED: 06/03/2020 CL  
PRINTED: 06/03/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2020

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



# BARGE "CTC29102"

## 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	13.85	0	388.57	0	776.57	0	1,164.16	0	1,552.37	0	1,940.57	0	2,328.78	0	2,716.93	0	3,104.99	0	3,493.04
1/4	19.24	1/4	396.66	1/4	784.63	1/4	1,172.25	1/4	1,560.45	1/4	1,948.66	1/4	2,336.86	1/4	2,725.02	1/4	3,113.07	1/4	3,501.13
1/2	24.63	1/2	404.74	1/2	792.69	1/2	1,180.34	1/2	1,568.54	1/2	1,956.75	1/2	2,344.95	1/2	2,733.10	1/2	3,121.16	1/2	3,509.21
3/4	30.02	3/4	412.83	3/4	800.76	3/4	1,188.42	3/4	1,576.63	3/4	1,964.83	3/4	2,353.04	3/4	2,741.19	3/4	3,129.24	3/4	3,517.30
1	35.41	1	420.92	1	808.82	1	1,196.51	1	1,584.72	1	1,972.92	1	2,361.13	1	2,749.27	1	3,137.33	1	3,525.38
1/4	42.83	1/4	429.00	1/4	816.88	1/4	1,204.60	1/4	1,592.80	1/4	1,981.01	1/4	2,369.21	1/4	2,757.36	1/4	3,145.41	1/4	3,533.47
1/2	50.24	1/2	437.08	1/2	824.95	1/2	1,212.69	1/2	1,600.89	1/2	1,989.10	1/2	2,377.30	1/2	2,765.44	1/2	3,153.50	1/2	3,541.55
3/4	57.65	3/4	445.17	3/4	833.01	3/4	1,220.77	3/4	1,608.98	3/4	1,997.18	3/4	2,385.39	3/4	2,773.52	3/4	3,161.58	3/4	3,549.64
2	65.07	2	453.25	2	841.08	2	1,228.86	2	1,617.07	2	2,005.27	2	2,393.48	2	2,781.61	2	3,169.66	2	3,557.72
1/4	73.15	1/4	461.33	1/4	849.14	1/4	1,236.95	1/4	1,625.15	1/4	2,013.36	1/4	2,401.56	1/4	2,789.69	1/4	3,177.75	1/4	3,565.81
1/2	81.24	1/2	469.41	1/2	857.21	1/2	1,245.04	1/2	1,633.24	1/2	2,021.45	1/2	2,409.65	1/2	2,797.78	1/2	3,185.83	1/2	3,573.89
3/4	89.33	3/4	477.50	3/4	865.27	3/4	1,253.12	3/4	1,641.33	3/4	2,029.53	3/4	2,417.74	3/4	2,805.86	3/4	3,193.92	3/4	3,581.97
3	97.42	3	485.58	3	873.34	3	1,261.21	3	1,649.42	3	2,037.62	3	2,425.83	3	2,813.95	3	3,202.00	3	3,590.06
1/4	105.50	1/4	493.67	1/4	881.40	1/4	1,269.30	1/4	1,657.50	1/4	2,045.71	1/4	2,433.91	1/4	2,822.03	1/4	3,210.09	1/4	3,598.14
1/2	113.59	1/2	501.75	1/2	889.47	1/2	1,277.39	1/2	1,665.59	1/2	2,053.80	1/2	2,442.00	1/2	2,830.12	1/2	3,218.17	1/2	3,606.23
3/4	121.68	3/4	509.84	3/4	897.54	3/4	1,285.47	3/4	1,673.68	3/4	2,061.88	3/4	2,450.09	3/4	2,838.20	3/4	3,226.26	3/4	3,614.31
4	129.77	4	517.93	4	905.60	4	1,293.56	4	1,681.77	4	2,069.97	4	2,458.18	4	2,846.28	4	3,234.34	4	3,622.40
1/4	137.85	1/4	526.01	1/4	913.67	1/4	1,301.65	1/4	1,689.85	1/4	2,078.06	1/4	2,466.26	1/4	2,854.37	1/4	3,242.43	1/4	3,630.48
1/2	145.94	1/2	534.10	1/2	921.73	1/2	1,309.74	1/2	1,697.94	1/2	2,086.15	1/2	2,474.35	1/2	2,862.45	1/2	3,250.51	1/2	3,638.57
3/4	154.03	3/4	542.19	3/4	929.80	3/4	1,317.83	3/4	1,706.03	3/4	2,094.23	3/4	2,482.44	3/4	2,870.54	3/4	3,258.59	3/4	3,646.65
5	162.12	5	550.28	5	937.87	5	1,325.91	5	1,714.12	5	2,102.32	5	2,490.53	5	2,878.62	5	3,266.68	5	3,654.74
1/4	170.21	1/4	558.36	1/4	945.93	1/4	1,334.00	1/4	1,722.21	1/4	2,110.41	1/4	2,498.61	1/4	2,886.71	1/4	3,274.76	1/4	3,662.82
1/2	178.29	1/2	566.45	1/2	954.00	1/2	1,342.09	1/2	1,730.29	1/2	2,118.50	1/2	2,506.70	1/2	2,894.79	1/2	3,282.85	1/2	3,670.91
3/4	186.38	3/4	574.54	3/4	962.06	3/4	1,350.18	3/4	1,738.38	3/4	2,126.59	3/4	2,514.79	3/4	2,902.88	3/4	3,290.93	3/4	3,678.99
6	194.47	6	582.63	6	970.13	6	1,358.26	6	1,746.47	6	2,134.67	6	2,522.88	6	2,910.96	6	3,299.02	6	3,687.07
1/4	202.56	1/4	590.71	1/4	978.20	1/4	1,366.35	1/4	1,754.56	1/4	2,142.76	1/4	2,530.97	1/4	2,919.05	1/4	3,307.10	1/4	3,695.16
1/2	210.64	1/2	598.80	1/2	986.28	1/2	1,374.44	1/2	1,762.64	1/2	2,150.85	1/2	2,539.05	1/2	2,927.13	1/2	3,315.19	1/2	3,703.24
3/4	218.73	3/4	606.89	3/4	994.35	3/4	1,382.53	3/4	1,770.73	3/4	2,158.94	3/4	2,547.14	3/4	2,935.21	3/4	3,323.27	3/4	3,711.33
7	226.82	7	614.98	7	1,002.42	7	1,390.61	7	1,778.82	7	2,167.02	7	2,555.23	7	2,943.30	7	3,331.35	7	3,719.41
1/4	234.91	1/4	623.06	1/4	1,010.51	1/4	1,398.70	1/4	1,786.91	1/4	2,175.11	1/4	2,563.32	1/4	2,951.38	1/4	3,339.44	1/4	3,727.50
1/2	242.99	1/2	631.15	1/2	1,018.59	1/2	1,406.79	1/2	1,794.99	1/2	2,183.20	1/2	2,571.40	1/2	2,959.47	1/2	3,347.52	1/2	3,735.58
3/4	251.08	3/4	639.24	3/4	1,026.67	3/4	1,414.88	3/4	1,803.08	3/4	2,191.29	3/4	2,579.49	3/4	2,967.55	3/4	3,355.61	3/4	3,743.67
8	259.17	8	647.33	8	1,034.76	8	1,422.96	8	1,811.17	8	2,199.37	8	2,587.58	8	2,975.64	8	3,363.69	8	3,751.75
1/4	267.26	1/4	655.41	1/4	1,042.85	1/4	1,431.05	1/4	1,819.26	1/4	2,207.46	1/4	2,595.67	1/4	2,983.72	1/4	3,371.78	1/4	3,759.83
1/2	275.34	1/2	663.50	1/2	1,050.93	1/2	1,439.14	1/2	1,827.34	1/2	2,215.55	1/2	2,603.75	1/2	2,991.81	1/2	3,379.86	1/2	3,767.92
3/4	283.43	3/4	671.59	3/4	1,059.02	3/4	1,447.23	3/4	1,835.43	3/4	2,223.64	3/4	2,611.83	3/4	2,999.89	3/4	3,387.95	3/4	3,776.00
9	291.52	9	679.68	9	1,067.11	9	1,455.31	9	1,843.52	9	2,231.72	9	2,619.92	9	3,007.97	9	3,396.03	9	3,784.09
1/4	299.61	1/4	687.76	1/4	1,075.20	1/4	1,463.40	1/4	1,851.61	1/4	2,239.81	1/4	2,628.00	1/4	3,016.06	1/4	3,404.12	1/4	3,792.17
1/2	307.69	1/2	695.85	1/2	1,083.28	1/2	1,471.49	1/2	1,859.69	1/2	2,247.90	1/2	2,636.09	1/2	3,024.14	1/2	3,412.20	1/2	3,800.26
3/4	315.78	3/4	703.93	3/4	1,091.37	3/4	1,479.58	3/4	1,867.78	3/4	2,255.99	3/4	2,644.17	3/4	3,032.23	3/4	3,420.28	3/4	3,808.34
10	323.87	10	712.02	10	1,099.46	10	1,487.66	10	1,875.87	10	2,264.07	10	2,652.26	10	3,040.31	10	3,428.37	10	3,816.43
1/4	331.96	1/4	720.09	1/4	1,107.55	1/4	1,495.75	1/4	1,883.96	1/4	2,272.16	1/4	2,660.34	1/4	3,048.40	1/4	3,436.45	1/4	3,824.51
1/2	340.04	1/2	728.16	1/2	1,115.64	1/2	1,503.84	1/2	1,892.04	1/2	2,280.25	1/2	2,668.43	1/2	3,056.48	1/2	3,444.54	1/2	3,832.59
3/4	348.13	3/4	736.23	3/4	1,123.72	3/4	1,511.93	3/4	1,900.13	3/4	2,288.34	3/4	2,676.51	3/4	3,064.57	3/4	3,452.62	3/4	3,840.68
11	356.22	11	744.31	11	1,131.81	11	1,520.02	11	1,908.22	11	2,296.42	11	2,684.59	11	3,072.65	11	3,460.71	11	3,848.76
1/4	364.31	1/4	752.37	1/4	1,139.90	1/4	1,528.10	1/4	1,916.31	1/4	2,304.51	1/4	2,692.68	1/4	3,080.74	1/4	3,468.79	1/4	3,856.85
1/2	372.40	1/2	760.44	1/2	1,147.99	1/2	1,536.19	1/2	1,924.40	1/2	2,312.60	1/2	2,700.76	1/2	3,088.82	1/2	3,476.88	1/2	3,864.93
3/4	380.48	3/4	768.50	3/4	1,156.07	3/4	1,544.28	3/4	1,932.48	3/4	2,320.69	3/4	2,708.85	3/4	3,096.90	3/4	3,484.96	3/4	3,873.02

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "CTC29102"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS																									
10 FT.			11 FT.			12 FT.			13 FT.			14 FT.			15 FT.			16 FT.			17 FT.			GAUGE HEIGHT 15'-06 1/4"	
IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	18 FT.	19 FT.
0	3,881.10	0	4,269.15	0	4,655.64	0	5,026.81	0	5,378.69	0		0		0		0		0		0		0		0	
1/4	3,889.18	1/4	4,277.24	1/4	4,663.55	1/4	5,034.31	1/4	5,386.05	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,897.27	1/2	4,285.32	1/2	4,671.47	1/2	5,041.81	1/2	5,393.42	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,905.35	3/4	4,293.40	3/4	4,679.38	3/4	5,049.31	3/4	5,400.78	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	3,913.44	1	4,301.49	1	4,687.30	1	5,056.81	1	5,408.15	1		1		1		1		1		1		1		1	
1/4	3,921.52	1/4	4,309.57	1/4	4,695.18	1/4	5,064.28	1/4	5,415.96	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,929.61	1/2	4,317.66	1/2	4,703.07	1/2	5,071.75	1/2	5,423.77	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,937.69	3/4	4,325.74	3/4	4,710.95	3/4	5,079.22	3/4	5,431.58	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	3,945.78	2	4,333.83	2	4,718.84	2	5,086.68	2	5,439.39	2		2		2		2		2		2		2		2	
1/4	3,953.86	1/4	4,341.91	1/4	4,726.69	1/4	5,094.12	1/4	5,447.43	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,961.94	1/2	4,350.00	1/2	4,734.54	1/2	5,101.56	1/2	5,455.47	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,970.03	3/4	4,358.08	3/4	4,742.40	3/4	5,109.00	3/4	5,463.50	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	3,978.11	3	4,366.16	3	4,750.25	3	5,116.44	3	5,471.54	3		3		3		3		3		3		3		3	
1/4	3,986.20	1/4	4,374.25	1/4	4,758.08	1/4	5,123.85	1/4	5,479.48	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,994.28	1/2	4,382.33	1/2	4,765.90	1/2	5,131.25	1/2	5,487.42	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,002.37	3/4	4,390.42	3/4	4,773.72	3/4	5,138.66	3/4	5,495.35	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	4,010.45	4	4,398.50	4	4,781.55	4	5,146.07	4	5,503.29	4		4		4		4		4		4		4		4	
1/4	4,018.54	1/4	4,406.59	1/4	4,789.34	1/4	5,153.45	1/4	5,510.42	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,026.62	1/2	4,414.67	1/2	4,797.13	1/2	5,160.82	1/2	5,517.55	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,034.70	3/4	4,422.76	3/4	4,804.92	3/4	5,168.20	3/4	5,524.67	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	4,042.79	5	4,430.84	5	4,812.72	5	5,175.58	5	5,531.80	5		5		5		5		5		5		5		5	
1/4	4,050.87	1/4	4,438.92	1/4	4,820.48	1/4	5,182.92	1/4	5,537.41	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,058.96	1/2	4,447.01	1/2	4,828.24	1/2	5,190.27	1/2	5,543.02	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,067.04	3/4	4,455.09	3/4	4,836.00	3/4	5,197.61	3/4	5,548.64	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	4,075.13	6	4,463.18	6	4,843.76	6	5,204.96	6	5,554.25	6		6		6		6		6		6		6		6	
1/4	4,083.21	1/4	4,471.26	1/4	4,851.50	1/4	5,212.28	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,091.29	1/2	4,479.34	1/2	4,859.23	1/2	5,219.59	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,099.38	3/4	4,487.42	3/4	4,866.96	3/4	5,226.91	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	4,107.46	7	4,495.50	7	4,874.69	7	5,234.22	7		7		7		7		7		7		7		7		7	
1/4	4,115.55	1/4	4,503.56	1/4	4,882.39	1/4	5,241.51	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,123.63	1/2	4,511.63	1/2	4,890.09	1/2	5,248.79	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,131.72	3/4	4,519.69	3/4	4,897.79	3/4	5,256.08	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	4,139.80	8	4,527.76	8	4,905.49	8	5,263.36	8		8		8		8		8		8		8		8		8	
1/4	4,147.89	1/4	4,535.80	1/4	4,913.14	1/4	5,270.61	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,155.97	1/2	4,543.84	1/2	4,920.78	1/2	5,277.87	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,164.05	3/4	4,551.87	3/4	4,928.43	3/4	5,285.12	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	4,172.14	9	4,559.91	9	4,936.08	9	5,292.38	9		9		9		9		9		9		9		9		9	
1/4	4,180.22	1/4	4,567.92	1/4	4,943.67	1/4	5,299.60	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,188.31	1/2	4,575.93	1/2	4,951.26	1/2	5,306.82	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,196.39	3/4	4,583.94	3/4	4,958.85	3/4	5,314.05	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	4,204.48	10	4,591.94	10	4,966.44	10	5,321.27	10		10		10		10		10		10		10		10		10	
1/4	4,212.56	1/4	4,599.92	1/4	4,974.00	1/4	5,328.46	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,220.65	1/2	4,607.90	1/2	4,981.57	1/2	5,335.66	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,228.73	3/4	4,615.87	3/4	4,989.13	3/4	5,342.85	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	4,236.81	11	4,623.85	11	4,996.69	11	5,350.04	11		11		11		11		11		11		11		11		11	
1/4	4,244.90	1/4	4,631.80	1/4	5,004.22	1/4	5,357.20	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,252.98	1/2	4,639.74	1/2	5,011.75	1/2	5,364.36	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,261.07	3/4	4,647.69	3/4	5,019.28	3/4	5,371.53	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: 06/03/2020 CL  
CALCULATED: 06/03/2020 CL  
PRINTED: 06/03/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2020

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& ANALYSIS, INC.  
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# BARGE "CTC29102"

## 2 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	13.82	0	387.92	0	770.99	0	1,143.27	0	1,524.10	0	1,911.66	0	2,299.22	0	2,686.72	0	3,074.13	0	3,461.54
1/4	19.20	1/4	395.99	1/4	778.73	1/4	1,151.04	1/4	1,532.18	1/4	1,919.73	1/4	2,307.29	1/4	2,694.79	1/4	3,082.20	1/4	3,469.61
1/2	24.59	1/2	404.07	1/2	786.48	1/2	1,158.81	1/2	1,540.25	1/2	1,927.81	1/2	2,315.36	1/2	2,702.86	1/2	3,090.27	1/2	3,477.68
3/4	29.97	3/4	412.14	3/4	794.22	3/4	1,166.57	3/4	1,548.32	3/4	1,935.88	3/4	2,323.44	3/4	2,710.93	3/4	3,098.34	3/4	3,485.75
1	35.35	1	420.21	1	801.96	1	1,174.34	1	1,556.40	1	1,943.96	1	2,331.51	1	2,719.00	1	3,106.41	1	3,493.82
1/4	42.75	1/4	428.28	1/4	809.71	1/4	1,182.11	1/4	1,564.47	1/4	1,952.03	1/4	2,339.59	1/4	2,727.07	1/4	3,114.48	1/4	3,501.89
1/2	50.15	1/2	436.35	1/2	817.46	1/2	1,189.88	1/2	1,572.55	1/2	1,960.10	1/2	2,347.66	1/2	2,735.15	1/2	3,122.55	1/2	3,509.96
3/4	57.56	3/4	444.42	3/4	825.20	3/4	1,197.65	3/4	1,580.62	3/4	1,968.18	3/4	2,355.73	3/4	2,743.22	3/4	3,130.62	3/4	3,518.03
2	64.96	2	452.49	2	832.95	2	1,205.42	2	1,588.69	2	1,976.25	2	2,363.81	2	2,751.29	2	3,138.70	2	3,526.10
1/4	73.03	1/4	460.56	1/4	840.69	1/4	1,213.19	1/4	1,596.77	1/4	1,984.33	1/4	2,371.88	1/4	2,759.36	1/4	3,146.77	1/4	3,534.17
1/2	81.11	1/2	468.63	1/2	848.44	1/2	1,220.96	1/2	1,604.84	1/2	1,992.40	1/2	2,379.96	1/2	2,767.43	1/2	3,154.84	1/2	3,542.25
3/4	89.18	3/4	476.70	3/4	856.19	3/4	1,228.72	3/4	1,612.92	3/4	2,000.47	3/4	2,388.03	3/4	2,775.50	3/4	3,162.91	3/4	3,550.32
3	97.25	3	484.77	3	863.93	3	1,236.49	3	1,620.99	3	2,008.55	3	2,396.10	3	2,783.57	3	3,170.98	3	3,558.39
1/4	105.33	1/4	492.84	1/4	871.68	1/4	1,244.26	1/4	1,629.07	1/4	2,016.62	1/4	2,404.18	1/4	2,791.64	1/4	3,179.05	1/4	3,566.46
1/2	113.40	1/2	500.91	1/2	879.43	1/2	1,252.03	1/2	1,637.14	1/2	2,024.70	1/2	2,412.25	1/2	2,799.71	1/2	3,187.12	1/2	3,574.53
3/4	121.48	3/4	508.99	3/4	887.17	3/4	1,259.80	3/4	1,645.21	3/4	2,032.77	3/4	2,420.33	3/4	2,807.78	3/4	3,195.19	3/4	3,582.60
4	129.55	4	517.06	4	894.92	4	1,267.57	4	1,653.29	4	2,040.84	4	2,428.40	4	2,815.86	4	3,203.26	4	3,590.67
1/4	137.62	1/4	525.13	1/4	902.67	1/4	1,275.34	1/4	1,661.36	1/4	2,048.92	1/4	2,436.48	1/4	2,823.93	1/4	3,211.33	1/4	3,598.74
1/2	145.70	1/2	533.21	1/2	910.41	1/2	1,283.10	1/2	1,669.44	1/2	2,056.99	1/2	2,444.55	1/2	2,832.00	1/2	3,219.41	1/2	3,606.81
3/4	153.77	3/4	541.28	3/4	918.16	3/4	1,290.87	3/4	1,677.51	3/4	2,065.07	3/4	2,452.62	3/4	2,840.07	3/4	3,227.48	3/4	3,614.88
5	161.85	5	549.36	5	925.91	5	1,298.64	5	1,685.58	5	2,073.14	5	2,460.70	5	2,848.14	5	3,235.55	5	3,622.96
1/4	169.92	1/4	557.43	1/4	933.65	1/4	1,306.56	1/4	1,693.66	1/4	2,081.21	1/4	2,468.77	1/4	2,856.21	1/4	3,243.62	1/4	3,631.03
1/2	177.99	1/2	565.50	1/2	941.40	1/2	1,314.48	1/2	1,701.73	1/2	2,089.29	1/2	2,476.85	1/2	2,864.28	1/2	3,251.69	1/2	3,639.10
3/4	186.07	3/4	573.58	3/4	949.15	3/4	1,322.40	3/4	1,709.81	3/4	2,097.36	3/4	2,484.92	3/4	2,872.35	3/4	3,259.76	3/4	3,647.17
6	194.14	6	581.65	6	956.89	6	1,330.32	6	1,717.88	6	2,105.44	6	2,492.99	6	2,880.42	6	3,267.83	6	3,655.24
1/4	202.22	1/4	589.73	1/4	964.65	1/4	1,338.40	1/4	1,725.95	1/4	2,113.51	1/4	2,501.07	1/4	2,888.49	1/4	3,275.90	1/4	3,663.31
1/2	210.29	1/2	597.80	1/2	972.40	1/2	1,346.47	1/2	1,734.03	1/2	2,121.59	1/2	2,509.14	1/2	2,896.57	1/2	3,283.97	1/2	3,671.38
3/4	218.37	3/4	605.87	3/4	980.16	3/4	1,354.55	3/4	1,742.10	3/4	2,129.66	3/4	2,517.22	3/4	2,904.64	3/4	3,292.04	3/4	3,679.45
7	226.44	7	613.95	7	987.91	7	1,362.62	7	1,750.18	7	2,137.73	7	2,525.29	7	2,912.71	7	3,300.12	7	3,687.52
1/4	234.51	1/4	622.02	1/4	995.68	1/4	1,370.69	1/4	1,758.25	1/4	2,145.81	1/4	2,533.36	1/4	2,920.78	1/4	3,308.19	1/4	3,695.59
1/2	242.59	1/2	630.10	1/2	1,003.44	1/2	1,378.77	1/2	1,766.32	1/2	2,153.88	1/2	2,541.44	1/2	2,928.85	1/2	3,316.26	1/2	3,703.66
3/4	250.66	3/4	638.17	3/4	1,011.21	3/4	1,386.84	3/4	1,774.40	3/4	2,161.96	3/4	2,549.51	3/4	2,936.92	3/4	3,324.33	3/4	3,711.74
8	258.74	8	646.24	8	1,018.97	8	1,394.92	8	1,782.47	8	2,170.03	8	2,557.58	8	2,944.99	8	3,332.40	8	3,719.81
1/4	266.81	1/4	654.17	1/4	1,026.74	1/4	1,402.99	1/4	1,790.55	1/4	2,178.10	1/4	2,565.65	1/4	2,953.06	1/4	3,340.47	1/4	3,727.88
1/2	274.88	1/2	662.09	1/2	1,034.51	1/2	1,411.06	1/2	1,798.62	1/2	2,186.18	1/2	2,573.73	1/2	2,961.13	1/2	3,348.54	1/2	3,735.95
3/4	282.96	3/4	670.01	3/4	1,042.28	3/4	1,419.14	3/4	1,806.70	3/4	2,194.25	3/4	2,581.80	3/4	2,969.20	3/4	3,356.61	3/4	3,744.02
9	291.03	9	677.93	9	1,050.05	9	1,427.21	9	1,814.77	9	2,202.33	9	2,589.87	9	2,977.28	9	3,364.68	9	3,752.09
1/4	299.11	1/4	685.69	1/4	1,057.81	1/4	1,435.29	1/4	1,822.84	1/4	2,210.40	1/4	2,597.94	1/4	2,985.35	1/4	3,372.75	1/4	3,760.16
1/2	307.18	1/2	693.46	1/2	1,065.58	1/2	1,443.36	1/2	1,830.92	1/2	2,218.47	1/2	2,606.01	1/2	2,993.42	1/2	3,380.83	1/2	3,768.23
3/4	315.25	3/4	701.23	3/4	1,073.35	3/4	1,451.44	3/4	1,838.99	3/4	2,226.55	3/4	2,614.08	3/4	3,001.49	3/4	3,388.90	3/4	3,776.30
10	323.33	10	708.99	10	1,081.12	10	1,459.51	10	1,847.07	10	2,234.62	10	2,622.15	10	3,009.56	10	3,396.97	10	3,784.37
1/4	331.40	1/4	716.74	1/4	1,088.89	1/4	1,467.58	1/4	1,855.14	1/4	2,242.70	1/4	2,630.22	1/4	3,017.63	1/4	3,405.04	1/4	3,792.44
1/2	339.48	1/2	724.50	1/2	1,096.66	1/2	1,475.66	1/2	1,863.21	1/2	2,250.77	1/2	2,638.29	1/2	3,025.70	1/2	3,413.11	1/2	3,800.52
3/4	347.55	3/4	732.25	3/4	1,104.43	3/4	1,483.73	3/4	1,871.29	3/4	2,258.85	3/4	2,646.36	3/4	3,033.77	3/4	3,421.18	3/4	3,808.59
11	355.62	11	740.01	11	1,112.19	11	1,491.81	11	1,879.36	11	2,266.92	11	2,654.44	11	3,041.84	11	3,429.25	11	3,816.66
1/4	363.70	1/4	747.75	1/4	1,119.96	1/4	1,499.88	1/4	1,887.44	1/4	2,274.99	1/4	2,662.51	1/4	3,049.91	1/4	3,437.32	1/4	3,824.73
1/2	371.77	1/2	755.50	1/2	1,127.73	1/2	1,507.95	1/2	1,895.51	1/2	2,283.07	1/2	2,670.58	1/2	3,057.99	1/2	3,445.39	1/2	3,832.80
3/4	379.85	3/4	763.24	3/4	1,135.50	3/4	1,516.03	3/4	1,903.58	3/4	2,291.14	3/4	2,678.65	3/4	3,066.06	3/4	3,453.46	3/4	3,840.87

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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



# BARGE "CTC29102"

**2 STBD  
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS																									
10 FT.			11 FT.			12 FT.			13 FT.			14 FT.			15 FT.			16 FT.			17 FT.			GAUGE HEIGHT 15'-06 1/2"	
IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN	18 FT.	19 FT.		
0	3,848.94	0	4,236.34	0	4,622.18	0	4,992.75	0	5,344.07	0		0		0		0		0		0		0			
1/4	3,857.01	1/4	4,244.42	1/4	4,630.08	1/4	5,000.24	1/4	5,351.43	1/4		1/4		1/4		1/4		1/4		1/4		1/4			
1/2	3,865.08	1/2	4,252.49	1/2	4,637.99	1/2	5,007.73	1/2	5,358.78	1/2		1/2		1/2		1/2		1/2		1/2		1/2			
3/4	3,873.15	3/4	4,260.56	3/4	4,645.89	3/4	5,015.21	3/4	5,366.13	3/4		3/4		3/4		3/4		3/4		3/4		3/4			
1	3,881.22	1	4,268.63	1	4,653.79	1	5,022.70	1	5,373.49	1		1		1		1		1		1		1			
1/4	3,889.30	1/4	4,276.70	1/4	4,661.66	1/4	5,030.16	1/4	5,381.29	1/4		1/4		1/4		1/4		1/4		1/4		1/4			
1/2	3,897.37	1/2	4,284.77	1/2	4,669.54	1/2	5,037.62	1/2	5,389.08	1/2		1/2		1/2		1/2		1/2		1/2		1/2			
3/4	3,905.44	3/4	4,292.84	3/4	4,677.41	3/4	5,045.07	3/4	5,396.88	3/4		3/4		3/4		3/4		3/4		3/4		3/4			
2	3,913.51	2	4,300.91	2	4,685.28	2	5,052.53	2	5,404.68	2		2		2		2		2		2		2			
1/4	3,921.58	1/4	4,308.98	1/4	4,693.12	1/4	5,059.96	1/4	5,412.70	1/4		1/4		1/4		1/4		1/4		1/4		1/4			
1/2	3,929.65	1/2	4,317.05	1/2	4,700.96	1/2	5,067.38	1/2	5,420.73	1/2		1/2		1/2		1/2		1/2		1/2		1/2			
3/4	3,937.72	3/4	4,325.12	3/4	4,708.80	3/4	5,074.81	3/4	5,428.75	3/4		3/4		3/4		3/4		3/4		3/4		3/4			
3	3,945.79	3	4,333.20	3	4,716.64	3	5,082.24	3	5,436.78	3		3		3		3		3		3		3			
1/4	3,953.86	1/4	4,341.27	1/4	4,724.45	1/4	5,089.63	1/4	5,444.70	1/4		1/4		1/4		1/4		1/4		1/4		1/4			
1/2	3,961.93	1/2	4,349.34	1/2	4,732.26	1/2	5,097.03	1/2	5,452.62	1/2		1/2		1/2		1/2		1/2		1/2		1/2			
3/4	3,970.00	3/4	4,357.41	3/4	4,740.07	3/4	5,104.42	3/4	5,460.54	3/4		3/4		3/4		3/4		3/4		3/4		3/4			
4	3,978.08	4	4,365.48	4	4,747.89	4	5,111.82	4	5,468.47	4		4		4		4		4		4		4			
1/4	3,986.15	1/4	4,373.55	1/4	4,755.67	1/4	5,119.18	1/4	5,475.58	1/4		1/4		1/4		1/4		1/4		1/4		1/4			
1/2	3,994.22	1/2	4,381.62	1/2	4,763.45	1/2	5,126.55	1/2	5,482.70	1/2		1/2		1/2		1/2		1/2		1/2		1/2			
3/4	4,002.29	3/4	4,389.69	3/4	4,771.23	3/4	5,133.91	3/4	5,489.81	3/4		3/4		3/4		3/4		3/4		3/4		3/4			
5	4,010.36	5	4,397.76	5	4,779.01	5	5,141.28	5	5,496.93	5		5		5		5		5		5		5			
1/4	4,018.43	1/4	4,405.83	1/4	4,786.75	1/4	5,148.61	1/4	5,502.53	1/4		1/4		1/4		1/4		1/4		1/4		1/4			
1/2	4,026.50	1/2	4,413.90	1/2	4,794.50	1/2	5,155.95	1/2	5,508.13	1/2		1/2		1/2		1/2		1/2		1/2		1/2			
3/4	4,034.57	3/4	4,421.97	3/4	4,802.25	3/4	5,163.28	3/4	5,513.73	3/4		3/4		3/4		3/4		3/4		3/4		3/4			
6	4,042.64	6	4,430.05	6	4,810.00	6	5,170.62	6	5,519.33	6		6		6		6		6		6		6			
1/4	4,050.71	1/4	4,438.11	1/4	4,817.72	1/4	5,177.92	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4			
1/2	4,058.78	1/2	4,446.18	1/2	4,825.44	1/2	5,185.23	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2			
3/4	4,066.86	3/4	4,454.25	3/4	4,833.16	3/4	5,192.53	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4			
7	4,074.93	7	4,462.31	7	4,840.88	7	5,199.83	7		7		7		7		7		7		7		7			
1/4	4,083.00	1/4	4,470.36	1/4	4,848.56	1/4	5,207.11	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4			
1/2	4,091.07	1/2	4,478.42	1/2	4,856.25	1/2	5,214.38	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2			
3/4	4,099.14	3/4	4,486.47	3/4	4,863.94	3/4	5,221.65	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4			
8	4,107.21	8	4,494.52	8	4,871.63	8	5,228.93	8		8		8		8		8		8		8		8			
1/4	4,115.28	1/4	4,502.54	1/4	4,879.26	1/4	5,236.17	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4			
1/2	4,123.35	1/2	4,510.57	1/2	4,886.90	1/2	5,243.41	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2			
3/4	4,131.42	3/4	4,518.59	3/4	4,894.53	3/4	5,250.65	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4			
9	4,139.49	9	4,526.62	9	4,902.16	9	5,257.90	9		9		9		9		9		9		9		9			
1/4	4,147.56	1/4	4,534.61	1/4	4,909.74	1/4	5,265.11	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4			
1/2	4,155.64	1/2	4,542.61	1/2	4,917.32	1/2	5,272.32	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2			
3/4	4,163.71	3/4	4,550.60	3/4	4,924.90	3/4	5,279.53	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4			
10	4,171.78	10	4,558.60	10	4,932.48	10	5,286.75	10		10		10		10		10		10		10		10			
1/4	4,179.85	1/4	4,566.56	1/4	4,940.03	1/4	5,293.93	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4			
1/2	4,187.92	1/2	4,574.52	1/2	4,947.58	1/2	5,301.11	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2			
3/4	4,195.99	3/4	4,582.49	3/4	4,955.13	3/4	5,308.29	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4			
11	4,204.06	11	4,590.45	11	4,962.68	11	5,315.47	11		11		11		11		11		11		11		11			
1/4	4,212.13	1/4	4,598.38	1/4	4,970.20	1/4	5,322.62	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4			
1/2	4,220.20	1/2	4,606.32	1/2	4,977.71	1/2	5,329.77	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2			
3/4	4,228.27	3/4	4,614.25	3/4	4,985.23	3/4	5,336.92	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: 06/03/2020 CL  
CALCULATED: 06/03/2020 CL  
PRINTED: 06/03/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2020

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



# BARGE "CTC29102"

## 3 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	12.93	0	362.14	0	720.94	0	1,075.38	0	1,436.99	0	1,798.57	0	2,159.65	0	2,521.12	0	2,882.42	0	3,243.71
1/4	17.95	1/4	369.67	1/4	728.26	1/4	1,082.92	1/4	1,444.52	1/4	1,806.11	1/4	2,167.17	1/4	2,528.65	1/4	2,889.94	1/4	3,251.24
1/2	22.98	1/2	377.21	1/2	735.58	1/2	1,090.45	1/2	1,452.05	1/2	1,813.64	1/2	2,174.69	1/2	2,536.18	1/2	2,897.47	1/2	3,258.77
3/4	28.00	3/4	384.74	3/4	742.89	3/4	1,097.99	3/4	1,459.59	3/4	1,821.17	3/4	2,182.21	3/4	2,543.70	3/4	2,905.00	3/4	3,266.29
1	33.03	1	392.27	1	750.21	1	1,105.52	1	1,467.12	1	1,828.71	1	2,189.73	1	2,551.23	1	2,912.53	1	3,273.82
1/4	39.93	1/4	399.81	1/4	757.52	1/4	1,113.05	1/4	1,474.65	1/4	1,836.24	1/4	2,197.25	1/4	2,558.76	1/4	2,920.05	1/4	3,281.35
1/2	46.84	1/2	407.34	1/2	764.84	1/2	1,120.59	1/2	1,482.18	1/2	1,843.77	1/2	2,204.77	1/2	2,566.28	1/2	2,927.58	1/2	3,288.88
3/4	53.75	3/4	414.87	3/4	772.16	3/4	1,128.12	3/4	1,489.72	3/4	1,851.31	3/4	2,212.29	3/4	2,573.81	3/4	2,935.11	3/4	3,296.40
2	60.66	2	422.40	2	779.48	2	1,135.65	2	1,497.25	2	1,858.84	2	2,219.81	2	2,581.34	2	2,942.63	2	3,303.93
1/4	68.20	1/4	429.94	1/4	786.80	1/4	1,143.19	1/4	1,504.78	1/4	1,866.36	1/4	2,227.34	1/4	2,588.86	1/4	2,950.16	1/4	3,311.46
1/2	75.73	1/2	437.47	1/2	794.11	1/2	1,150.72	1/2	1,512.32	1/2	1,873.89	1/2	2,234.87	1/2	2,596.39	1/2	2,957.69	1/2	3,318.98
3/4	83.27	3/4	445.00	3/4	801.43	3/4	1,158.25	3/4	1,519.85	3/4	1,881.41	3/4	2,242.40	3/4	2,603.92	3/4	2,965.21	3/4	3,326.51
3	90.81	3	452.53	3	808.75	3	1,165.79	3	1,527.38	3	1,888.94	3	2,249.92	3	2,611.45	3	2,972.74	3	3,334.04
1/4	98.34	1/4	460.07	1/4	816.07	1/4	1,173.32	1/4	1,534.92	1/4	1,896.46	1/4	2,257.46	1/4	2,618.97	1/4	2,980.27	1/4	3,341.56
1/2	105.88	1/2	467.60	1/2	823.39	1/2	1,180.86	1/2	1,542.45	1/2	1,903.98	1/2	2,265.00	1/2	2,626.50	1/2	2,987.80	1/2	3,349.09
3/4	113.42	3/4	475.14	3/4	830.71	3/4	1,188.39	3/4	1,549.98	3/4	1,911.50	3/4	2,272.53	3/4	2,634.03	3/4	2,995.32	3/4	3,356.62
4	120.96	4	482.67	4	838.03	4	1,195.92	4	1,557.52	4	1,919.02	4	2,280.07	4	2,641.55	4	3,002.85	4	3,364.15
1/4	128.49	1/4	490.21	1/4	845.35	1/4	1,203.46	1/4	1,565.05	1/4	1,926.54	1/4	2,287.61	1/4	2,649.08	1/4	3,010.38	1/4	3,371.62
1/2	136.03	1/2	497.75	1/2	852.66	1/2	1,210.99	1/2	1,572.58	1/2	1,934.06	1/2	2,295.14	1/2	2,656.61	1/2	3,017.90	1/2	3,379.09
3/4	143.57	3/4	505.28	3/4	859.98	3/4	1,218.52	3/4	1,580.11	3/4	1,941.58	3/4	2,302.68	3/4	2,664.13	3/4	3,025.43	3/4	3,386.56
5	151.10	5	512.82	5	867.30	5	1,226.06	5	1,587.65	5	1,949.10	5	2,310.22	5	2,671.66	5	3,032.96	5	3,394.03
1/4	158.64	1/4	520.36	1/4	874.62	1/4	1,233.59	1/4	1,595.18	1/4	1,956.62	1/4	2,317.75	1/4	2,679.19	1/4	3,040.48	1/4	3,401.44
1/2	166.18	1/2	527.90	1/2	881.94	1/2	1,241.12	1/2	1,602.71	1/2	1,964.14	1/2	2,325.29	1/2	2,686.72	1/2	3,048.01	1/2	3,408.86
3/4	173.71	3/4	535.43	3/4	889.26	3/4	1,248.66	3/4	1,610.25	3/4	1,971.66	3/4	2,332.82	3/4	2,694.24	3/4	3,055.54	3/4	3,416.28
6	181.25	6	542.97	6	896.58	6	1,256.19	6	1,617.78	6	1,979.18	6	2,340.36	6	2,701.77	6	3,063.07	6	3,423.69
1/4	188.79	1/4	550.51	1/4	903.90	1/4	1,263.72	1/4	1,625.31	1/4	1,986.70	1/4	2,347.90	1/4	2,709.30	1/4	3,070.59	1/4	3,431.11
1/2	196.32	1/2	558.04	1/2	911.23	1/2	1,271.26	1/2	1,632.85	1/2	1,994.22	1/2	2,355.43	1/2	2,716.82	1/2	3,078.12	1/2	3,438.52
3/4	203.86	3/4	565.58	3/4	918.56	3/4	1,278.79	3/4	1,640.38	3/4	2,001.74	3/4	2,362.97	3/4	2,724.35	3/4	3,085.65	3/4	3,445.94
7	211.40	7	573.12	7	925.88	7	1,286.33	7	1,647.91	7	2,009.26	7	2,370.51	7	2,731.88	7	3,093.17	7	3,453.36
1/4	218.94	1/4	580.65	1/4	933.22	1/4	1,293.86	1/4	1,655.45	1/4	2,016.78	1/4	2,378.04	1/4	2,739.40	1/4	3,100.70	1/4	3,460.77
1/2	226.47	1/2	588.19	1/2	940.56	1/2	1,301.39	1/2	1,662.98	1/2	2,024.30	1/2	2,385.58	1/2	2,746.93	1/2	3,108.23	1/2	3,468.19
3/4	234.01	3/4	595.73	3/4	947.90	3/4	1,308.92	3/4	1,670.51	3/4	2,031.82	3/4	2,393.11	3/4	2,754.46	3/4	3,115.75	3/4	3,475.60
8	241.55	8	603.26	8	955.23	8	1,316.46	8	1,678.04	8	2,039.34	8	2,400.65	8	2,761.99	8	3,123.28	8	3,483.02
1/4	249.08	1/4	610.70	1/4	962.67	1/4	1,323.99	1/4	1,685.58	1/4	2,046.86	1/4	2,408.18	1/4	2,769.51	1/4	3,130.81	1/4	3,490.44
1/2	256.62	1/2	618.14	1/2	970.11	1/2	1,331.52	1/2	1,693.11	1/2	2,054.37	1/2	2,415.71	1/2	2,777.04	1/2	3,138.34	1/2	3,497.85
3/4	264.16	3/4	625.58	3/4	977.54	3/4	1,339.06	3/4	1,700.64	3/4	2,061.89	3/4	2,423.25	3/4	2,784.57	3/4	3,145.86	3/4	3,505.27
9	271.69	9	633.02	9	984.98	9	1,346.59	9	1,708.18	9	2,069.41	9	2,430.78	9	2,792.09	9	3,153.39	9	3,512.68
1/4	279.23	1/4	640.36	1/4	992.52	1/4	1,354.12	1/4	1,715.71	1/4	2,076.93	1/4	2,438.31	1/4	2,799.62	1/4	3,160.92	1/4	3,520.10
1/2	286.77	1/2	647.69	1/2	1,000.05	1/2	1,361.65	1/2	1,723.24	1/2	2,084.45	1/2	2,445.84	1/2	2,807.15	1/2	3,168.44	1/2	3,527.51
3/4	294.30	3/4	655.03	3/4	1,007.58	3/4	1,369.19	3/4	1,730.78	3/4	2,091.97	3/4	2,453.37	3/4	2,814.67	3/4	3,175.97	3/4	3,534.93
10	301.84	10	662.37	10	1,015.12	10	1,376.72	10	1,738.31	10	2,099.49	10	2,460.91	10	2,822.20	10	3,183.50	10	3,542.35
1/4	309.38	1/4	669.69	1/4	1,022.65	1/4	1,384.25	1/4	1,745.84	1/4	2,107.01	1/4	2,468.43	1/4	2,829.73	1/4	3,191.02	1/4	3,549.82
1/2	316.91	1/2	677.02	1/2	1,030.18	1/2	1,391.79	1/2	1,753.38	1/2	2,114.53	1/2	2,475.96	1/2	2,837.26	1/2	3,198.55	1/2	3,557.29
3/4	324.45	3/4	684.35	3/4	1,037.72	3/4	1,399.32	3/4	1,760.91	3/4	2,122.05	3/4	2,483.49	3/4	2,844.78	3/4	3,206.08	3/4	3,564.76
11	331.99	11	691.67	11	1,045.25	11	1,406.85	11	1,768.44	11	2,129.57	11	2,491.01	11	2,852.31	11	3,213.61	11	3,572.23
1/4	339.53	1/4	698.99	1/4	1,052.78	1/4	1,414.39	1/4	1,775.98	1/4	2,137.09	1/4	2,498.54	1/4	2,859.84	1/4	3,221.13	1/4	3,579.27
1/2	347.06	1/2	706.31	1/2	1,060.32	1/2	1,421.92	1/2	1,783.51	1/2	2,144.61	1/2	2,506.07	1/2	2,867.36	1/2	3,228.66	1/2	3,586.31
3/4	354.60	3/4	713.63	3/4	1,067.85	3/4	1,429.45	3/4	1,791.04	3/4	2,152.13	3/4	2,513.59	3/4	2,874.89	3/4	3,236.19	3/4	3,593.35

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "CTC29102"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS																									
10 FT.			11 FT.			12 FT.			13 FT.			14 FT.			15 FT.			16 FT.			17 FT.			GAUGE HEIGHT 15'-06 1/4"	
IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	18 FT.	19 FT.
0	3,600.39	0	3,869.95	0	4,136.09	0	4,388.11	0	4,621.86	0		0		0		0		0		0		0		0	
1/4	3,606.46	1/4	3,875.53	1/4	4,141.51	1/4	4,393.15	1/4	4,626.71	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,612.52	1/2	3,881.10	1/2	4,146.92	1/2	4,398.19	1/2	4,631.56	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,618.59	3/4	3,886.68	3/4	4,152.34	3/4	4,403.23	3/4	4,636.41	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	3,624.65	1	3,892.25	1	4,157.76	1	4,408.27	1	4,641.26	1		1		1		1		1		1		1		1	
1/4	3,630.23	1/4	3,897.83	1/4	4,163.15	1/4	4,413.28	1/4	4,646.53	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,635.80	1/2	3,903.40	1/2	4,168.54	1/2	4,418.30	1/2	4,651.79	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,641.38	3/4	3,908.98	3/4	4,173.93	3/4	4,423.31	3/4	4,657.06	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	3,646.95	2	3,914.55	2	4,179.31	2	4,428.32	2	4,662.32	2		2		2		2		2		2		2		2	
1/4	3,652.53	1/4	3,920.13	1/4	4,184.67	1/4	4,433.31	1/4	4,667.80	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,658.10	1/2	3,925.70	1/2	4,190.03	1/2	4,438.29	1/2	4,673.28	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,663.68	3/4	3,931.28	3/4	4,195.39	3/4	4,443.27	3/4	4,678.75	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	3,669.25	3	3,936.85	3	4,200.75	3	4,448.26	3	4,684.23	3		3		3		3		3		3		3		3	
1/4	3,674.83	1/4	3,942.43	1/4	4,206.09	1/4	4,453.21	1/4	4,689.61	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,680.40	1/2	3,948.00	1/2	4,211.42	1/2	4,458.17	1/2	4,694.99	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,685.98	3/4	3,953.58	3/4	4,216.75	3/4	4,463.12	3/4	4,700.38	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	3,691.55	4	3,959.15	4	4,222.08	4	4,468.08	4	4,705.76	4		4		4		4		4		4		4		4	
1/4	3,697.13	1/4	3,964.73	1/4	4,227.38	1/4	4,473.00	1/4	4,710.39	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,702.70	1/2	3,970.30	1/2	4,232.69	1/2	4,477.93	1/2	4,715.02	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,708.28	3/4	3,975.88	3/4	4,237.99	3/4	4,482.86	3/4	4,719.64	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	3,713.85	5	3,981.45	5	4,243.29	5	4,487.78	5	4,724.27	5		5		5		5		5		5		5		5	
1/4	3,719.43	1/4	3,987.03	1/4	4,248.57	1/4	4,492.68	1/4	4,727.49	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,725.00	1/2	3,992.60	1/2	4,253.84	1/2	4,497.58	1/2	4,730.70	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,730.58	3/4	3,998.18	3/4	4,259.12	3/4	4,502.48	3/4	4,733.92	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,736.15	6	4,003.75	6	4,264.39	6	4,507.38	6	4,737.13	6		6		6		6		6		6		6		6	
1/4	3,741.73	1/4	4,009.32	1/4	4,269.64	1/4	4,512.24	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,747.30	1/2	4,014.89	1/2	4,274.88	1/2	4,517.11	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,752.88	3/4	4,020.46	3/4	4,280.13	3/4	4,521.98	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,758.45	7	4,026.04	7	4,285.37	7	4,526.85	7		7		7		7		7		7		7		7		7	
1/4	3,764.03	1/4	4,031.59	1/4	4,290.59	1/4	4,531.69	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,769.60	1/2	4,037.15	1/2	4,295.81	1/2	4,536.53	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,775.18	3/4	4,042.71	3/4	4,301.02	3/4	4,541.37	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,780.75	8	4,048.26	8	4,306.24	8	4,546.21	8		8		8		8		8		8		8		8		8	
1/4	3,786.33	1/4	4,053.80	1/4	4,311.41	1/4	4,551.03	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,791.90	1/2	4,059.33	1/2	4,316.58	1/2	4,555.84	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,797.48	3/4	4,064.86	3/4	4,321.76	3/4	4,560.65	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,803.05	9	4,070.39	9	4,326.93	9	4,565.46	9		9		9		9		9		9		9		9		9	
1/4	3,808.63	1/4	4,075.90	1/4	4,332.05	1/4	4,570.21	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,814.20	1/2	4,081.40	1/2	4,337.18	1/2	4,574.96	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,819.78	3/4	4,086.90	3/4	4,342.31	3/4	4,579.71	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,825.35	10	4,092.41	10	4,347.44	10	4,584.46	10		10		10		10		10		10		10		10		10	
1/4	3,830.93	1/4	4,097.88	1/4	4,352.53	1/4	4,589.15	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,836.50	1/2	4,103.36	1/2	4,357.63	1/2	4,593.84	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,842.08	3/4	4,108.83	3/4	4,362.73	3/4	4,598.53	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,847.65	11	4,114.30	11	4,367.83	11	4,603.22	11		11		11		11		11		11		11		11		11	
1/4	3,853.23	1/4	4,119.75	1/4	4,372.90	1/4	4,607.88	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,858.80	1/2	4,125.20	1/2	4,377.97	1/2	4,612.54	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,864.38	3/4	4,130.64	3/4	4,383.04	3/4	4,617.20	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: 06/03/2020 CL  
CALCULATED: 06/03/2020 CL  
PRINTED: 06/03/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2020

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



# BARGE "CTC29102"

## 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	12.95	0	362.37	0	717.27	0	1,061.72	0	1,423.11	0	1,783.95	0	2,141.04	0	2,502.37	0	2,863.45	0	3,224.62
1/4	17.98	1/4	369.90	1/4	724.29	1/4	1,069.25	1/4	1,430.64	1/4	1,791.38	1/4	2,148.56	1/4	2,509.89	1/4	2,870.97	1/4	3,232.15
1/2	23.01	1/2	377.44	1/2	731.32	1/2	1,076.77	1/2	1,438.17	1/2	1,798.82	1/2	2,156.08	1/2	2,517.41	1/2	2,878.50	1/2	3,239.67
3/4	28.04	3/4	384.97	3/4	738.35	3/4	1,084.29	3/4	1,445.70	3/4	1,806.26	3/4	2,163.60	3/4	2,524.93	3/4	2,886.02	3/4	3,247.20
1	33.08	1	392.51	1	745.37	1	1,091.82	1	1,453.23	1	1,813.70	1	2,171.12	1	2,532.44	1	2,893.55	1	3,254.72
1/4	40.00	1/4	400.04	1/4	752.40	1/4	1,099.35	1/4	1,460.75	1/4	1,821.14	1/4	2,178.64	1/4	2,539.96	1/4	2,901.07	1/4	3,262.25
1/2	46.92	1/2	407.57	1/2	759.43	1/2	1,106.87	1/2	1,468.28	1/2	1,828.58	1/2	2,186.16	1/2	2,547.48	1/2	2,908.59	1/2	3,269.77
3/4	53.84	3/4	415.11	3/4	766.46	3/4	1,114.40	3/4	1,475.81	3/4	1,836.01	3/4	2,193.68	3/4	2,555.00	3/4	2,916.12	3/4	3,277.30
2	60.76	2	422.64	2	773.48	2	1,121.93	2	1,483.34	2	1,843.45	2	2,201.19	2	2,562.52	2	2,923.64	2	3,284.82
1/4	68.31	1/4	430.17	1/4	780.51	1/4	1,129.46	1/4	1,490.87	1/4	1,850.88	1/4	2,208.72	1/4	2,570.04	1/4	2,931.17	1/4	3,292.34
1/2	75.85	1/2	437.71	1/2	787.54	1/2	1,137.00	1/2	1,498.40	1/2	1,858.31	1/2	2,216.25	1/2	2,577.56	1/2	2,938.69	1/2	3,299.87
3/4	83.40	3/4	445.24	3/4	794.57	3/4	1,144.53	3/4	1,505.93	3/4	1,865.75	3/4	2,223.78	3/4	2,585.08	3/4	2,946.22	3/4	3,307.39
3	90.95	3	452.77	3	801.60	3	1,152.06	3	1,513.45	3	1,873.18	3	2,231.30	3	2,592.60	3	2,953.74	3	3,314.92
1/4	98.50	1/4	460.31	1/4	808.63	1/4	1,159.59	1/4	1,520.98	1/4	1,880.60	1/4	2,238.84	1/4	2,600.12	1/4	2,961.27	1/4	3,322.44
1/2	106.05	1/2	467.84	1/2	815.66	1/2	1,167.12	1/2	1,528.51	1/2	1,888.03	1/2	2,246.37	1/2	2,607.64	1/2	2,968.79	1/2	3,329.97
3/4	113.60	3/4	475.38	3/4	822.69	3/4	1,174.65	3/4	1,536.04	3/4	1,895.45	3/4	2,253.91	3/4	2,615.16	3/4	2,976.32	3/4	3,337.49
4	121.15	4	482.92	4	829.72	4	1,182.18	4	1,543.57	4	1,902.88	4	2,261.44	4	2,622.68	4	2,983.84	4	3,345.02
1/4	128.69	1/4	490.45	1/4	836.75	1/4	1,189.71	1/4	1,551.10	1/4	1,910.30	1/4	2,268.98	1/4	2,630.20	1/4	2,991.36	1/4	3,352.48
1/2	136.23	1/2	497.99	1/2	843.78	1/2	1,197.24	1/2	1,558.63	1/2	1,917.73	1/2	2,276.51	1/2	2,637.72	1/2	2,998.89	1/2	3,359.95
3/4	143.78	3/4	505.53	3/4	850.81	3/4	1,204.77	3/4	1,566.16	3/4	1,925.15	3/4	2,284.05	3/4	2,645.24	3/4	3,006.41	3/4	3,367.42
5	151.32	5	513.06	5	857.83	5	1,212.30	5	1,573.68	5	1,932.58	5	2,291.58	5	2,652.76	5	3,013.94	5	3,374.89
1/4	158.86	1/4	520.60	1/4	864.86	1/4	1,219.83	1/4	1,581.21	1/4	1,940.00	1/4	2,299.12	1/4	2,660.29	1/4	3,021.46	1/4	3,382.30
1/2	166.40	1/2	528.14	1/2	871.88	1/2	1,227.36	1/2	1,588.74	1/2	1,947.43	1/2	2,306.66	1/2	2,667.81	1/2	3,028.99	1/2	3,389.72
3/4	173.93	3/4	535.68	3/4	878.91	3/4	1,234.89	3/4	1,596.27	3/4	1,954.85	3/4	2,314.19	3/4	2,675.34	3/4	3,036.51	3/4	3,397.13
6	181.47	6	543.21	6	885.93	6	1,242.42	6	1,603.80	6	1,962.28	6	2,321.73	6	2,682.86	6	3,044.04	6	3,404.55
1/4	189.01	1/4	550.75	1/4	892.97	1/4	1,249.95	1/4	1,611.33	1/4	1,969.70	1/4	2,329.26	1/4	2,690.38	1/4	3,051.56	1/4	3,411.96
1/2	196.54	1/2	558.29	1/2	900.00	1/2	1,257.48	1/2	1,618.86	1/2	1,977.13	1/2	2,336.80	1/2	2,697.91	1/2	3,059.08	1/2	3,419.37
3/4	204.08	3/4	565.83	3/4	907.04	3/4	1,265.01	3/4	1,626.39	3/4	1,984.55	3/4	2,344.33	3/4	2,705.43	3/4	3,066.61	3/4	3,426.79
7	211.62	7	573.36	7	914.07	7	1,272.53	7	1,633.91	7	1,991.98	7	2,351.87	7	2,712.96	7	3,074.13	7	3,434.20
1/4	219.16	1/4	580.90	1/4	921.12	1/4	1,280.06	1/4	1,641.44	1/4	1,999.40	1/4	2,359.40	1/4	2,720.48	1/4	3,081.66	1/4	3,441.62
1/2	226.69	1/2	588.44	1/2	928.18	1/2	1,287.59	1/2	1,648.97	1/2	2,006.83	1/2	2,366.94	1/2	2,728.01	1/2	3,089.18	1/2	3,449.04
3/4	234.23	3/4	595.97	3/4	935.23	3/4	1,295.12	3/4	1,656.50	3/4	2,014.26	3/4	2,374.47	3/4	2,735.53	3/4	3,096.71	3/4	3,456.46
8	241.77	8	603.51	8	942.28	8	1,302.65	8	1,664.03	8	2,021.68	8	2,382.00	8	2,743.06	8	3,104.23	8	3,463.88
1/4	249.31	1/4	610.81	1/4	949.57	1/4	1,310.18	1/4	1,671.56	1/4	2,029.11	1/4	2,389.53	1/4	2,750.58	1/4	3,111.76	1/4	3,471.30
1/2	256.84	1/2	618.12	1/2	956.86	1/2	1,317.71	1/2	1,679.09	1/2	2,036.53	1/2	2,397.06	1/2	2,758.10	1/2	3,119.28	1/2	3,478.73
3/4	264.38	3/4	625.42	3/4	964.15	3/4	1,325.24	3/4	1,686.61	3/4	2,043.96	3/4	2,404.59	3/4	2,765.63	3/4	3,126.81	3/4	3,486.15
9	271.92	9	632.72	9	971.44	9	1,332.77	9	1,694.14	9	2,051.38	9	2,412.12	9	2,773.15	9	3,134.33	9	3,493.58
1/4	279.46	1/4	639.78	1/4	978.97	1/4	1,340.29	1/4	1,701.67	1/4	2,058.81	1/4	2,419.65	1/4	2,780.68	1/4	3,141.85	1/4	3,501.01
1/2	286.99	1/2	646.85	1/2	986.49	1/2	1,347.82	1/2	1,709.20	1/2	2,066.23	1/2	2,427.17	1/2	2,788.20	1/2	3,149.38	1/2	3,508.43
3/4	294.53	3/4	653.91	3/4	994.01	3/4	1,355.35	3/4	1,716.73	3/4	2,073.66	3/4	2,434.69	3/4	2,795.73	3/4	3,156.90	3/4	3,515.86
10	302.07	10	660.98	10	1,001.54	10	1,362.88	10	1,724.26	10	2,081.08	10	2,442.21	10	2,803.25	10	3,164.43	10	3,523.28
1/4	309.60	1/4	668.02	1/4	1,009.06	1/4	1,370.41	1/4	1,731.74	1/4	2,088.55	1/4	2,449.73	1/4	2,810.78	1/4	3,171.95	1/4	3,530.76
1/2	317.14	1/2	675.07	1/2	1,016.58	1/2	1,377.94	1/2	1,739.23	1/2	2,096.02	1/2	2,457.25	1/2	2,818.30	1/2	3,179.48	1/2	3,538.24
3/4	324.68	3/4	682.11	3/4	1,024.11	3/4	1,385.47	3/4	1,746.71	3/4	2,103.50	3/4	2,464.77	3/4	2,825.83	3/4	3,187.00	3/4	3,545.72
11	332.22	11	689.16	11	1,031.63	11	1,393.00	11	1,754.19	11	2,110.97	11	2,472.29	11	2,833.35	11	3,194.53	11	3,553.20
1/4	339.75	1/4	696.18	1/4	1,039.15	1/4	1,400.52	1/4	1,761.63	1/4	2,118.49	1/4	2,479.81	1/4	2,840.87	1/4	3,202.05	1/4	3,560.25
1/2	347.29	1/2	703.21	1/2	1,046.68	1/2	1,408.05	1/2	1,769.07	1/2	2,126.01	1/2	2,487.33	1/2	2,848.40	1/2	3,209.57	1/2	3,567.31
3/4	354.83	3/4	710.24	3/4	1,054.20	3/4	1,415.58	3/4	1,776.51	3/4	2,133.52	3/4	2,494.85	3/4	2,855.92	3/4	3,217.10	3/4	3,574.36

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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



# BARGE "CTC29102"

**3 STBD  
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS																									
10 FT.			11 FT.			12 FT.			13 FT.			14 FT.			15 FT.			16 FT.			17 FT.			GAUGE HEIGHT 15'-06 1/2"	
IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	18 FT.	19 FT.
0	3,581.41	0	3,851.71	0	4,118.59	0	4,371.38	0	4,605.94	0		0		0		0		0		0		0		0	
1/4	3,587.49	1/4	3,857.30	1/4	4,124.03	1/4	4,376.44	1/4	4,610.80	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,593.57	1/2	3,862.89	1/2	4,129.46	1/2	4,381.50	1/2	4,615.67	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,599.65	3/4	3,868.48	3/4	4,134.89	3/4	4,386.56	3/4	4,620.54	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	3,605.73	1	3,874.07	1	4,140.33	1	4,391.61	1	4,625.40	1		1		1		1		1		1		1		1	
1/4	3,611.32	1/4	3,879.66	1/4	4,145.73	1/4	4,396.64	1/4	4,630.69	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,616.91	1/2	3,885.25	1/2	4,151.14	1/2	4,401.67	1/2	4,635.97	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,622.50	3/4	3,890.84	3/4	4,156.54	3/4	4,406.70	3/4	4,641.25	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	3,628.09	2	3,896.43	2	4,161.94	2	4,411.73	2	4,646.53	2		2		2		2		2		2		2		2	
1/4	3,633.68	1/4	3,902.02	1/4	4,167.32	1/4	4,416.73	1/4	4,652.02	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,639.27	1/2	3,907.61	1/2	4,172.70	1/2	4,421.73	1/2	4,657.51	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,644.86	3/4	3,913.20	3/4	4,178.07	3/4	4,426.73	3/4	4,663.01	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	3,650.45	3	3,918.79	3	4,183.45	3	4,431.73	3	4,668.50	3		3		3		3		3		3		3		3	
1/4	3,656.04	1/4	3,924.39	1/4	4,188.80	1/4	4,436.70	1/4	4,673.90	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,661.63	1/2	3,929.98	1/2	4,194.14	1/2	4,441.67	1/2	4,679.29	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,667.22	3/4	3,935.57	3/4	4,199.49	3/4	4,446.64	3/4	4,684.69	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	3,672.81	4	3,941.16	4	4,204.84	4	4,451.62	4	4,690.09	4		4		4		4		4		4		4		4	
1/4	3,678.40	1/4	3,946.75	1/4	4,210.16	1/4	4,456.56	1/4	4,694.73	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,683.99	1/2	3,952.34	1/2	4,215.48	1/2	4,461.50	1/2	4,699.38	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,689.58	3/4	3,957.93	3/4	4,220.80	3/4	4,466.45	3/4	4,704.02	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	3,695.17	5	3,963.52	5	4,226.11	5	4,471.39	5	4,708.66	5		5		5		5		5		5		5		5	
1/4	3,700.77	1/4	3,969.11	1/4	4,231.40	1/4	4,476.30	1/4	4,711.89	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,706.36	1/2	3,974.70	1/2	4,236.69	1/2	4,481.22	1/2	4,715.12	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,711.95	3/4	3,980.29	3/4	4,241.98	3/4	4,486.13	3/4	4,718.35	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,717.54	6	3,985.88	6	4,247.28	6	4,491.05	6	4,721.57	6		6		6		6		6		6		6		6	
1/4	3,723.13	1/4	3,991.47	1/4	4,252.54	1/4	4,495.93	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,728.72	1/2	3,997.05	1/2	4,257.80	1/2	4,500.82	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,734.31	3/4	4,002.64	3/4	4,263.06	3/4	4,505.70	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,739.90	7	4,008.23	7	4,268.32	7	4,510.59	7		7		7		7		7		7		7		7		7	
1/4	3,745.49	1/4	4,013.80	1/4	4,273.55	1/4	4,515.45	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,751.08	1/2	4,019.37	1/2	4,278.79	1/2	4,520.30	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,756.67	3/4	4,024.95	3/4	4,284.02	3/4	4,525.16	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,762.26	8	4,030.52	8	4,289.25	8	4,530.02	8		8		8		8		8		8		8		8		8	
1/4	3,767.85	1/4	4,036.07	1/4	4,294.44	1/4	4,534.85	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,773.44	1/2	4,041.61	1/2	4,299.63	1/2	4,539.68	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,779.03	3/4	4,047.16	3/4	4,304.82	3/4	4,544.51	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,784.62	9	4,052.71	9	4,310.01	9	4,549.33	9		9		9		9		9		9		9		9		9	
1/4	3,790.21	1/4	4,058.23	1/4	4,315.15	1/4	4,554.10	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,795.80	1/2	4,063.75	1/2	4,320.29	1/2	4,558.87	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,801.39	3/4	4,069.27	3/4	4,325.44	3/4	4,563.64	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,806.98	10	4,074.78	10	4,330.58	10	4,568.40	10		10		10		10		10		10		10		10		10	
1/4	3,812.58	1/4	4,080.27	1/4	4,335.69	1/4	4,573.11	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,818.17	1/2	4,085.77	1/2	4,340.81	1/2	4,577.82	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,823.76	3/4	4,091.26	3/4	4,345.92	3/4	4,582.52	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,829.35	11	4,096.75	11	4,351.04	11	4,587.23	11		11		11		11		11		11		11		11		11	
1/4	3,834.94	1/4	4,102.21	1/4	4,356.12	1/4	4,591.90	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,840.53	1/2	4,107.67	1/2	4,361.21	1/2	4,596.58	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,846.12	3/4	4,113.13	3/4	4,366.30	3/4	4,601.26	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: 06/03/2020 CL  
CALCULATED: 06/03/2020 CL  
PRINTED: 06/03/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2020

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



# BARGE "CTC29102"

# FUEL TANK

## INNAGE TABLE GAUGE HEIGHT: 5'-02"

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	193	0	385	0	578	0	771	0		0		0		0		0	
1/4	4	1/4	197	1/4	389	1/4	582	1/4	775	1/4		1/4		1/4		1/4		1/4	
1/2	8	1/2	201	1/2	393	1/2	586	1/2	779	1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	205	3/4	397	3/4	590	3/4	783	3/4		3/4		3/4		3/4		3/4	
1	16	1	209	1	401	1	594	1	787	1		1		1		1		1	
1/4	20	1/4	213	1/4	405	1/4	598	1/4	791	1/4		1/4		1/4		1/4		1/4	
1/2	24	1/2	217	1/2	409	1/2	602	1/2	795	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	221	3/4	413	3/4	606	3/4	799	3/4		3/4		3/4		3/4		3/4	
2	32	2	225	2	417	2	610	2	803	2		2		2		2		2	
1/4	36	1/4	229	1/4	421	1/4	614	1/4	807	1/4		1/4		1/4		1/4		1/4	
1/2	40	1/2	233	1/2	425	1/2	618	1/2	811	1/2		1/2		1/2		1/2		1/2	
3/4	44	3/4	237	3/4	430	3/4	622	3/4	815	3/4		3/4		3/4		3/4		3/4	
3	48	3	241	3	434	3	626	3	819	3		3		3		3		3	
1/4	52	1/4	245	1/4	438	1/4	630	1/4	823	1/4		1/4		1/4		1/4		1/4	
1/2	56	1/2	249	1/2	442	1/2	634	1/2	827	1/2		1/2		1/2		1/2		1/2	
3/4	60	3/4	253	3/4	446	3/4	638	3/4	831	3/4		3/4		3/4		3/4		3/4	
4	64	4	257	4	450	4	642	4	835	4		4		4		4		4	
1/4	68	1/4	261	1/4	454	1/4	646	1/4	839	1/4		1/4		1/4		1/4		1/4	
1/2	72	1/2	265	1/2	458	1/2	650	1/2	843	1/2		1/2		1/2		1/2		1/2	
3/4	76	3/4	269	3/4	462	3/4	654	3/4	847	3/4		3/4		3/4		3/4		3/4	
5	80	5	273	5	466	5	658	5	851	5		5		5		5		5	
1/4	84	1/4	277	1/4	470	1/4	662	1/4	855	1/4		1/4		1/4		1/4		1/4	
1/2	88	1/2	281	1/2	474	1/2	666	1/2	859	1/2		1/2		1/2		1/2		1/2	
3/4	92	3/4	285	3/4	478	3/4	670	3/4	863	3/4		3/4		3/4		3/4		3/4	
6	96	6	289	6	482	6	674	6	867	6		6		6		6		6	
1/4	100	1/4	293	1/4	486	1/4	678	1/4	871	1/4		1/4		1/4		1/4		1/4	
1/2	104	1/2	297	1/2	490	1/2	682	1/2	875	1/2		1/2		1/2		1/2		1/2	
3/4	108	3/4	301	3/4	494	3/4	686	3/4	879	3/4		3/4		3/4		3/4		3/4	
7	112	7	305	7	498	7	690	7	883	7		7		7		7		7	
1/4	116	1/4	309	1/4	502	1/4	694	1/4	887	1/4		1/4		1/4		1/4		1/4	
1/2	120	1/2	313	1/2	506	1/2	698	1/2	891	1/2		1/2		1/2		1/2		1/2	
3/4	124	3/4	317	3/4	510	3/4	702	3/4	895	3/4		3/4		3/4		3/4		3/4	
8	128	8	321	8	514	8	706	8	899	8		8		8		8		8	
1/4	132	1/4	325	1/4	518	1/4	710	1/4	903	1/4		1/4		1/4		1/4		1/4	
1/2	136	1/2	329	1/2	522	1/2	715	1/2	907	1/2		1/2		1/2		1/2		1/2	
3/4	140	3/4	333	3/4	526	3/4	719	3/4	911	3/4		3/4		3/4		3/4		3/4	
9	145	9	337	9	530	9	723	9		9		9		9		9		9	
1/4	149	1/4	341	1/4	534	1/4	727	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153	1/2	345	1/2	538	1/2	731	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157	3/4	349	3/4	542	3/4	735	3/4		3/4		3/4		3/4		3/4		3/4	
10	161	10	353	10	546	10	739	10		10		10		10		10		10	
1/4	165	1/4	357	1/4	550	1/4	743	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	169	1/2	361	1/2	554	1/2	747	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	173	3/4	365	3/4	558	3/4	751	3/4		3/4		3/4		3/4		3/4		3/4	
11	177	11	369	11	562	11	755	11		11		11		11		11		11	
1/4	181	1/4	373	1/4	566	1/4	759	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	185	1/2	377	1/2	570	1/2	763	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	189	3/4	381	3/4	574	3/4	767	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
CAPACITY TABLE IS SCALED FROM THE BOTTOM OF TANK

STRAPPED: 06/03/2020 CL  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2020

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



CAPACITIES GIVEN IN WHOLE GALLONS

# BARGE "CTC29102"

## FUEL TANK

**INNAGE TABLE**  
**GAUGE HEIGHT: 5'-02"**

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
CAPACITY TABLE IS SCALED FROM THE BOTTOM OF TANK

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# BARGE "CTC29102"

PORT SLOP

## INNAGE TABLE GAUGE HEIGHT: 5'-02"

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,057	0	2,114	0	3,155	0	4,145	0		0		0		0		0	
1/4	22	1/4	1,079	1/4	2,136	1/4	3,177	1/4	4,165	1/4		1/4		1/4		1/4		1/4	
1/2	44	1/2	1,101	1/2	2,158	1/2	3,198	1/2	4,185	1/2		1/2		1/2		1/2		1/2	
3/4	66	3/4	1,123	3/4	2,181	3/4	3,219	3/4	4,205	3/4		3/4		3/4		3/4		3/4	
1	88	1	1,145	1	2,203	1	3,240	1	4,225	1		1		1		1		1	
1/4	110	1/4	1,167	1/4	2,225	1/4	3,261	1/4	4,245	1/4		1/4		1/4		1/4		1/4	
1/2	132	1/2	1,189	1/2	2,247	1/2	3,282	1/2	4,265	1/2		1/2		1/2		1/2		1/2	
3/4	154	3/4	1,211	3/4	2,269	3/4	3,303	3/4	4,285	3/4		3/4		3/4		3/4		3/4	
2	176	2	1,233	2	2,291	2	3,324	2	4,305	2		2		2		2		2	
1/4	198	1/4	1,255	1/4	2,313	1/4	3,345	1/4	4,325	1/4		1/4		1/4		1/4		1/4	
1/2	220	1/2	1,277	1/2	2,335	1/2	3,366	1/2	4,344	1/2		1/2		1/2		1/2		1/2	
3/4	242	3/4	1,299	3/4	2,357	3/4	3,387	3/4	4,364	3/4		3/4		3/4		3/4		3/4	
3	264	3	1,322	3	2,379	3	3,408	3	4,383	3		3		3		3		3	
1/4	286	1/4	1,344	1/4	2,401	1/4	3,429	1/4	4,402	1/4		1/4		1/4		1/4		1/4	
1/2	308	1/2	1,366	1/2	2,423	1/2	3,450	1/2	4,421	1/2		1/2		1/2		1/2		1/2	
3/4	330	3/4	1,388	3/4	2,445	3/4	3,471	3/4	4,440	3/4		3/4		3/4		3/4		3/4	
4	352	4	1,410	4	2,466	4	3,491	4	4,459	4		4		4		4		4	
1/4	374	1/4	1,432	1/4	2,488	1/4	3,512	1/4	4,477	1/4		1/4		1/4		1/4		1/4	
1/2	396	1/2	1,454	1/2	2,510	1/2	3,533	1/2	4,496	1/2		1/2		1/2		1/2		1/2	
3/4	418	3/4	1,476	3/4	2,532	3/4	3,554	3/4	4,515	3/4		3/4		3/4		3/4		3/4	
5	441	5	1,498	5	2,554	5	3,574	5	4,533	5		5		5		5		5	
1/4	463	1/4	1,520	1/4	2,576	1/4	3,595	1/4	4,552	1/4		1/4		1/4		1/4		1/4	
1/2	485	1/2	1,542	1/2	2,597	1/2	3,616	1/2	4,571	1/2		1/2		1/2		1/2		1/2	
3/4	507	3/4	1,564	3/4	2,619	3/4	3,636	3/4	4,589	3/4		3/4		3/4		3/4		3/4	
6	529	6	1,586	6	2,641	6	3,657	6	4,608	6		6		6		6		6	
1/4	551	1/4	1,608	1/4	2,662	1/4	3,678	1/4	4,626	1/4		1/4		1/4		1/4		1/4	
1/2	573	1/2	1,630	1/2	2,684	1/2	3,698	1/2	4,645	1/2		1/2		1/2		1/2		1/2	
3/4	595	3/4	1,652	3/4	2,706	3/4	3,719	3/4	4,663	3/4		3/4		3/4		3/4		3/4	
7	617	7	1,674	7	2,727	7	3,739	7	4,682	7		7		7		7		7	
1/4	639	1/4	1,696	1/4	2,749	1/4	3,760	1/4	4,700	1/4		1/4		1/4		1/4		1/4	
1/2	661	1/2	1,718	1/2	2,770	1/2	3,780	1/2	4,719	1/2		1/2		1/2		1/2		1/2	
3/4	683	3/4	1,740	3/4	2,792	3/4	3,801	3/4	4,737	3/4		3/4		3/4		3/4		3/4	
8	705	8	1,762	8	2,814	8	3,821	8	4,756	8		8		8		8		8	
1/4	727	1/4	1,784	1/4	2,835	1/4	3,842	1/4	4,774	1/4		1/4		1/4		1/4		1/4	
1/2	749	1/2	1,806	1/2	2,857	1/2	3,862	1/2	4,793	1/2		1/2		1/2		1/2		1/2	
3/4	771	3/4	1,828	3/4	2,878	3/4	3,882	3/4	4,812	3/4		3/4		3/4		3/4		3/4	
9	793	9	1,850	9	2,900	9	3,903	9		9		9		9		9		9	
1/4	815	1/4	1,872	1/4	2,921	1/4	3,923	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	837	1/2	1,894	1/2	2,942	1/2	3,943	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	859	3/4	1,916	3/4	2,964	3/4	3,964	3/4		3/4		3/4		3/4		3/4		3/4	
10	881	10	1,938	10	2,985	10	3,984	10	10	10		10		10		10		10	
1/4	903	1/4	1,960	1/4	3,007	1/4	4,004	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	925	1/2	1,982	1/2	3,028	1/2	4,024	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	947	3/4	2,004	3/4	3,049	3/4	4,044	3/4		3/4		3/4		3/4		3/4		3/4	
11	969	11	2,026	11	3,070	11	4,065	11	11	11		11		11		11		11	
1/4	991	1/4	2,048	1/4	3,092	1/4	4,085	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,013	1/2	2,070	1/2	3,113	1/2	4,105	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,035	3/4	2,092	3/4	3,134	3/4	4,125	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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Pearland, Texas 77588  
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CAPACITIES GIVEN IN WHOLE GALLONS

# BARGE "CTC29102"

PORT SLOP

INNAGE TABLE  
GAUGE HEIGHT: 5'-02"

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
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# BARGE "CTC29102"

STBD SLOP

## INNAGE TABLE GAUGE HEIGHT: 5'-02"

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,061	0	2,122	0	3,167	0	4,161	0		0		0		0		0	
1/4	22	1/4	1,083	1/4	2,145	1/4	3,188	1/4	4,181	1/4		1/4		1/4		1/4		1/4	
1/2	44	1/2	1,105	1/2	2,167	1/2	3,210	1/2	4,201	1/2		1/2		1/2		1/2		1/2	
3/4	66	3/4	1,128	3/4	2,189	3/4	3,231	3/4	4,221	3/4		3/4		3/4		3/4		3/4	
1	88	1	1,150	1	2,211	1	3,252	1	4,241	1		1		1		1		1	
1/4	111	1/4	1,172	1/4	2,233	1/4	3,273	1/4	4,261	1/4		1/4		1/4		1/4		1/4	
1/2	133	1/2	1,194	1/2	2,255	1/2	3,294	1/2	4,281	1/2		1/2		1/2		1/2		1/2	
3/4	155	3/4	1,216	3/4	2,277	3/4	3,315	3/4	4,301	3/4		3/4		3/4		3/4		3/4	
2	177	2	1,238	2	2,299	2	3,337	2	4,321	2		2		2		2		2	
1/4	199	1/4	1,260	1/4	2,321	1/4	3,358	1/4	4,341	1/4		1/4		1/4		1/4		1/4	
1/2	221	1/2	1,282	1/2	2,343	1/2	3,379	1/2	4,360	1/2		1/2		1/2		1/2		1/2	
3/4	243	3/4	1,304	3/4	2,366	3/4	3,400	3/4	4,380	3/4		3/4		3/4		3/4		3/4	
3	265	3	1,327	3	2,388	3	3,421	3	4,400	3		3		3		3		3	
1/4	287	1/4	1,349	1/4	2,410	1/4	3,442	1/4	4,419	1/4		1/4		1/4		1/4		1/4	
1/2	310	1/2	1,371	1/2	2,432	1/2	3,463	1/2	4,438	1/2		1/2		1/2		1/2		1/2	
3/4	332	3/4	1,393	3/4	2,454	3/4	3,483	3/4	4,456	3/4		3/4		3/4		3/4		3/4	
4	354	4	1,415	4	2,476	4	3,504	4	4,475	4		4		4		4		4	
1/4	376	1/4	1,437	1/4	2,498	1/4	3,525	1/4	4,494	1/4		1/4		1/4		1/4		1/4	
1/2	398	1/2	1,459	1/2	2,519	1/2	3,546	1/2	4,513	1/2		1/2		1/2		1/2		1/2	
3/4	420	3/4	1,481	3/4	2,541	3/4	3,567	3/4	4,532	3/4		3/4		3/4		3/4		3/4	
5	442	5	1,503	5	2,563	5	3,588	5	4,550	5		5		5		5		5	
1/4	464	1/4	1,526	1/4	2,585	1/4	3,609	1/4	4,569	1/4		1/4		1/4		1/4		1/4	
1/2	486	1/2	1,548	1/2	2,607	1/2	3,629	1/2	4,588	1/2		1/2		1/2		1/2		1/2	
3/4	509	3/4	1,570	3/4	2,629	3/4	3,650	3/4	4,606	3/4		3/4		3/4		3/4		3/4	
6	531	6	1,592	6	2,651	6	3,671	6	4,625	6		6		6		6		6	
1/4	553	1/4	1,614	1/4	2,672	1/4	3,691	1/4	4,644	1/4		1/4		1/4		1/4		1/4	
1/2	575	1/2	1,636	1/2	2,694	1/2	3,712	1/2	4,662	1/2		1/2		1/2		1/2		1/2	
3/4	597	3/4	1,658	3/4	2,716	3/4	3,733	3/4	4,681	3/4		3/4		3/4		3/4		3/4	
7	619	7	1,680	7	2,737	7	3,753	7	4,700	7		7		7		7		7	
1/4	641	1/4	1,702	1/4	2,759	1/4	3,774	1/4	4,718	1/4		1/4		1/4		1/4		1/4	
1/2	663	1/2	1,724	1/2	2,781	1/2	3,794	1/2	4,737	1/2		1/2		1/2		1/2		1/2	
3/4	685	3/4	1,747	3/4	2,802	3/4	3,815	3/4	4,755	3/4		3/4		3/4		3/4		3/4	
8	707	8	1,769	8	2,824	8	3,836	8	4,774	8		8		8		8		8	
1/4	730	1/4	1,791	1/4	2,846	1/4	3,856	1/4	4,792	1/4		1/4		1/4		1/4		1/4	
1/2	752	1/2	1,813	1/2	2,867	1/2	3,876	1/2	4,810	1/2		1/2		1/2		1/2		1/2	
3/4	774	3/4	1,835	3/4	2,889	3/4	3,897	3/4	4,829	3/4		3/4		3/4		3/4		3/4	
9	796	9	1,857	9	2,910	9	3,917	9		9		9		9		9		9	
1/4	818	1/4	1,879	1/4	2,932	1/4	3,938	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	840	1/2	1,901	1/2	2,953	1/2	3,958	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	862	3/4	1,923	3/4	2,975	3/4	3,978	3/4		3/4		3/4		3/4		3/4		3/4	
10	884	10	1,946	10	2,996	10	3,999	10		10		10		10		10		10	
1/4	906	1/4	1,968	1/4	3,018	1/4	4,019	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	929	1/2	1,990	1/2	3,039	1/2	4,039	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	951	3/4	2,012	3/4	3,061	3/4	4,060	3/4		3/4		3/4		3/4		3/4		3/4	
11	973	11	2,034	11	3,082	11	4,080	11		11		11		11		11		11	
1/4	995	1/4	2,056	1/4	3,103	1/4	4,100	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,017	1/2	2,078	1/2	3,125	1/2	4,120	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,039	3/4	2,100	3/4	3,146	3/4	4,140	3/4		3/4		3/4		3/4		3/4		3/4	

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CAPACITIES GIVEN IN WHOLE GALLONS

# BARGE "CTC29102"

STBD SLOP

INNAGE TABLE  
GAUGE HEIGHT: 5'-02"

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
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ALL PRIOR TO 06/2020

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "CTC29102"

## 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"

June 3, 2020

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 Pearland, Texas 77588

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# BARGE "CTC29102"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.		
0	0	0	0	0	4,308.72	0	4,001.47	0	3,677.52	0	3,346.32	0	3,015.11	0	2,683.89	0	2,352.68	0	2,021.47		
1/4		1/4		1/4	4,302.47	1/4	3,994.87	1/4	3,670.62	1/4	3,339.42	1/4	3,008.21	1/4	2,676.99	1/4	2,345.78	1/4	2,014.56		
1/2		1/2		1/2	4,296.23	1/2	3,988.27	1/2	3,663.72	1/2	3,332.52	1/2	3,001.31	1/2	2,670.09	1/2	2,338.88	1/2	2,007.66		
3/4		3/4		3/4	4,588.13	3/4	4,289.98	3/4	3,981.67	3/4	3,656.83	3/4	3,325.62	3/4	2,994.41	3/4	2,663.19	3/4	2,331.98	3/4	2,000.76
1	1	1	1	1	4,283.71	1	3,975.04	1	3,649.93	1	3,318.72	1	2,987.51	1	2,656.29	1	2,325.08	1	1,993.85		
1/4		1/4		1/4	4,578.55	1/4	4,277.44	1/4	3,968.42	1/4	3,643.03	1/4	3,311.82	1/4	2,980.61	1/4	2,649.39	1/4	2,318.18	1/4	1,986.95
1/2		1/2		1/2	4,573.76	1/2	4,271.17	1/2	3,961.79	1/2	3,636.13	1/2	3,304.92	1/2	2,973.71	1/2	2,642.49	1/2	2,311.28	1/2	1,980.05
3/4		3/4		3/4	4,568.97	3/4	4,264.90	3/4	3,955.17	3/4	3,629.23	3/4	3,298.02	3/4	2,966.81	3/4	2,635.59	3/4	2,304.37	3/4	1,973.14
2	2	2	2	2	4,258.60	2	3,948.52	2	3,622.33	2	3,291.12	2	2,959.91	2	2,628.69	2	2,297.47	2	1,966.24		
1/4		1/4		1/4	4,556.81	1/4	4,252.31	1/4	3,941.87	1/4	3,615.43	1/4	3,284.22	1/4	2,953.00	1/4	2,621.79	1/4	2,290.57	1/4	1,959.34
1/2		1/2		1/2	4,550.72	1/2	4,246.01	1/2	3,935.22	1/2	3,608.53	1/2	3,277.32	1/2	2,946.10	1/2	2,614.89	1/2	2,283.67	1/2	1,952.44
3/4		3/4		3/4	4,544.64	3/4	4,239.71	3/4	3,928.56	3/4	3,601.63	3/4	3,270.42	3/4	2,939.20	3/4	2,607.99	3/4	2,276.77	3/4	1,945.53
3	3	3	3	3	4,233.39	3	3,921.89	3	3,594.73	3	3,263.52	3	2,932.30	3	2,601.09	3	2,269.87	3	1,938.63		
1/4		1/4		1/4	4,531.09	1/4	4,227.07	1/4	3,915.21	1/4	3,587.83	1/4	3,256.62	1/4	2,925.40	1/4	2,594.19	1/4	2,262.97	1/4	1,931.73
1/2		1/2		1/2	4,524.32	1/2	4,220.74	1/2	3,908.53	1/2	3,580.93	1/2	3,249.72	1/2	2,918.50	1/2	2,587.29	1/2	2,256.07	1/2	1,924.82
3/4		3/4		3/4	4,517.54	3/4	4,214.42	3/4	3,901.85	3/4	3,574.02	3/4	3,242.82	3/4	2,911.60	3/4	2,580.39	3/4	2,249.17	3/4	1,917.92
4	4	4	4	4	4,208.07	4	3,895.15	4	3,567.12	4	3,235.92	4	2,904.70	4	2,573.49	4	2,242.27	4	1,911.02		
1/4		1/4		1/4	4,503.82	1/4	4,201.72	1/4	3,888.45	1/4	3,560.22	1/4	3,229.01	1/4	2,897.80	1/4	2,566.59	1/4	2,235.37	1/4	1,904.11
1/2		1/2		1/2	4,496.96	1/2	4,195.37	1/2	3,881.74	1/2	3,553.32	1/2	3,222.11	1/2	2,890.90	1/2	2,559.69	1/2	2,228.47	1/2	1,897.21
3/4		3/4		3/4	4,490.10	3/4	4,189.02	3/4	3,875.04	3/4	3,546.42	3/4	3,215.21	3/4	2,884.00	3/4	2,552.79	3/4	2,221.57	3/4	1,890.31
5	5	5	5	5	4,182.65	5	3,868.31	5	3,539.52	5	3,208.31	5	2,877.10	5	2,545.89	5	2,214.67	5	1,883.41		
1/4		1/4		1/4	4,476.77	1/4	4,176.27	1/4	3,861.58	1/4	3,532.62	1/4	3,201.41	1/4	2,870.20	1/4	2,538.99	1/4	2,207.77	1/4	1,876.50
1/2		1/2		1/2	4,470.10	1/2	4,169.90	1/2	3,854.85	1/2	3,525.72	1/2	3,194.51	1/2	2,863.30	1/2	2,532.08	1/2	2,200.87	1/2	1,869.60
3/4		3/4		3/4	4,463.43	3/4	4,163.52	3/4	3,848.12	3/4	3,518.82	3/4	3,187.61	3/4	2,856.40	3/4	2,525.18	3/4	2,193.97	3/4	1,862.70
6	6	6	6	6	4,157.12	6	3,841.36	6	3,511.92	6	3,180.71	6	2,849.50	6	2,518.28	6	2,187.07	6	1,855.79		
1/4		1/4		1/4	4,450.86	1/4	4,150.72	1/4	3,834.61	1/4	3,505.02	1/4	3,173.81	1/4	2,842.60	1/4	2,511.38	1/4	2,180.17	1/4	1,848.89
1/2		1/2		1/2	4,444.57	1/2	4,144.31	1/2	3,827.85	1/2	3,498.12	1/2	3,166.91	1/2	2,835.70	1/2	2,504.48	1/2	2,173.27	1/2	1,841.99
3/4		3/4		3/4	4,438.28	3/4	4,137.91	3/4	3,821.10	3/4	3,491.22	3/4	3,160.01	3/4	2,828.80	3/4	2,497.58	3/4	2,166.37	3/4	1,835.08
7	7	7	7	7	4,131.48	7	3,814.31	7	3,484.32	7	3,153.11	7	2,821.90	7	2,490.68	7	2,159.47	7	1,828.18		
1/4		1/4		1/4	4,426.06	1/4	4,125.06	1/4	3,807.53	1/4	3,477.42	1/4	3,146.21	1/4	2,815.00	1/4	2,483.78	1/4	2,152.57	1/4	1,821.28
1/2		1/2		1/2	4,419.94	1/2	4,118.63	1/2	3,800.75	1/2	3,470.52	1/2	3,139.31	1/2	2,808.10	1/2	2,476.88	1/2	2,145.67	1/2	1,814.38
3/4		3/4		3/4	4,413.83	3/4	4,112.20	3/4	3,793.97	3/4	3,463.62	3/4	3,132.41	3/4	2,801.20	3/4	2,469.98	3/4	2,138.77	3/4	1,807.47
8	8	8	8	8	4,105.75	8	3,787.16	8	3,456.72	8	3,125.51	8	2,794.30	8	2,463.08	8	2,131.87	8	1,800.57		
1/4		1/4		1/4	4,401.55	1/4	4,099.29	1/4	3,780.35	1/4	3,449.82	1/4	3,118.61	1/4	2,787.40	1/4	2,456.18	1/4	2,124.97	1/4	1,793.67
1/2		1/2		1/2	4,395.41	1/2	4,092.84	1/2	3,773.54	1/2	3,442.92	1/2	3,111.71	1/2	2,780.50	1/2	2,449.28	1/2	2,118.07	1/2	1,786.76
3/4		3/4		3/4	4,389.27	3/4	4,086.38	3/4	3,766.73	3/4	3,436.02	3/4	3,104.81	3/4	2,773.60	3/4	2,442.38	3/4	2,111.17	3/4	1,779.86
9	9	9	9	9	4,079.90	9	3,759.90	9	3,429.12	9	3,097.91	9	2,766.69	9	2,435.48	9	2,104.27	9	1,772.96		
1/4		1/4		1/4	4,376.94	1/4	4,073.42	1/4	3,753.06	1/4	3,422.22	1/4	3,091.01	1/4	2,759.79	1/4	2,428.58	1/4	2,097.37	1/4	1,766.05
1/2		1/2		1/2	4,370.77	1/2	4,066.94	1/2	3,746.23	1/2	3,415.32	1/2	3,084.11	1/2	2,752.89	1/2	2,421.68	1/2	2,090.47	1/2	1,759.15
3/4		3/4		3/4	4,364.60	3/4	4,060.46	3/4	3,739.39	3/4	3,408.42	3/4	3,077.21	3/4	2,745.99	3/4	2,414.78	3/4	2,083.57	3/4	1,752.25
10	10	10	10	10	4,053.94	10	3,732.53	10	3,401.52	10	3,070.31	10	2,737.09	10	2,407.88	10	2,076.67	10	1,745.35		
1/4		1/4		1/4	4,352.22	1/4	4,047.41	1/4	3,725.67	1/4	3,394.62	1/4	3,063.41	1/4	2,732.19	1/4	2,400.98	1/4	2,069.77	1/4	1,738.44
1/2		1/2		1/2	4,346.03	1/2	4,040.88	1/2	3,718.81	1/2	3,387.72	1/2	3,056.51	1/2	2,725.29	1/2	2,394.08	1/2	2,062.86	1/2	1,731.54
3/4		3/4		3/4	4,339.84	3/4	4,034.36	3/4	3,711.95	3/4	3,380.82	3/4	3,049.61	3/4	2,718.39	3/4	2,387.18	3/4	2,055.96	3/4	1,724.64
11	11	11	11	11	4,027.78	11	3,705.07	11	3,373.92	11	3,042.71	11	2,711.49	11	2,380.28	11	2,049.07	11	1,717.73		
1/4		1/4		1/4	4,327.40	1/4	4,021.21	1/4	3,698.18	1/4	3,367.02	1/4	3,035.81	1/4	2,704.59	1/4	2,373.38	1/4	2,042.17	1/4	1,710.83
1/2		1/2		1/2	4,321.18	1/2	4,014.64	1/2	3,691.30	1/2	3,360.12	1/2	3,028.91	1/2	2,697.69	1/2	2,366.48	1/2	2,035.27	1/2	1,703.93
3/4		3/4		3/4	4,314.96	3/4	4,008.06	3/4	3,684.42	3/4	3,353.22	3/4	3,022.01	3/4	2,690.79	3/4	2,359.58	3/4	2,028.37	3/4	1,697.02

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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# BARGE "CTC29102"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,690.12	0	1,358.78	0	1,027.61	0	710.01	0	415.81	0	143.59	0		0		0		0	
1/4	1,683.22	1/4	1,351.87	1/4	1,020.77	1/4	703.65	1/4	409.91	1/4	138.17	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,676.32	1/2	1,344.97	1/2	1,013.92	1/2	697.29	1/2	404.01	1/2	132.74	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,669.41	3/4	1,338.07	3/4	1,007.08	3/4	690.93	3/4	398.11	3/4	127.32	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,662.51	1	1,331.17	1	1,000.28	1	684.62	1	392.25	1	121.93	1	1	1	1	1	1	1	1
1/4	1,655.61	1/4	1,324.26	1/4	993.47	1/4	678.31	1/4	386.39	1/4	116.54	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,648.70	1/2	1,317.36	1/2	986.67	1/2	672.00	1/2	380.53	1/2	111.16	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,641.80	3/4	1,310.46	3/4	979.86	3/4	665.69	3/4	374.67	3/4	105.77	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,634.90	2	1,303.55	2	973.10	2	659.42	2	368.85	2	100.42	2	2	2	2	2	2	2	2
1/4	1,627.99	1/4	1,296.65	1/4	966.33	1/4	653.15	1/4	363.03	1/4	95.08	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,621.09	1/2	1,289.75	1/2	959.57	1/2	646.88	1/2	357.21	1/2	89.73	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,614.19	3/4	1,282.84	3/4	952.80	3/4	640.61	3/4	351.39	3/4	84.38	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,607.29	3	1,275.94	3	946.08	3	634.38	3	345.62	3	79.07	3	3	3	3	3	3	3	3
1/4	1,600.38	1/4	1,269.04	1/4	939.35	1/4	628.15	1/4	339.84	1/4	73.77	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,593.48	1/2	1,262.14	1/2	932.62	1/2	621.92	1/2	334.06	1/2	68.46	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,586.58	3/4	1,255.23	3/4	925.90	3/4	615.69	3/4	328.28	3/4	63.15	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,579.67	4	1,248.33	4	919.21	4	609.50	4	322.54	4	57.88	4	4	4	4	4	4	4	4
1/4	1,572.77	1/4	1,241.43	1/4	912.53	1/4	603.30	1/4	316.81	1/4	52.61	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,565.87	1/2	1,234.52	1/2	905.84	1/2	597.11	1/2	311.07	1/2	47.35	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,558.96	3/4	1,227.62	3/4	899.15	3/4	590.92	3/4	305.33	3/4	42.08	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,552.06	5	1,220.72	5	892.51	5	584.77	5	299.64	5	37.42	5	5	5	5	5	5	5	5
1/4	1,545.16	1/4	1,213.81	1/4	885.86	1/4	578.62	1/4	293.94	1/4	32.77	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,538.26	1/2	1,206.91	1/2	879.21	1/2	572.47	1/2	288.24	1/2	28.12	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,531.35	3/4	1,200.01	3/4	872.57	3/4	566.32	3/4	282.54	3/4	23.46	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,524.45	6	1,193.11	6	865.96	6	560.21	6	276.88	6	20.14	6	6	6	6	6	6	6	6
1/4	1,517.55	1/4	1,186.20	1/4	859.35	1/4	554.10	1/4	271.22	1/4	16.81	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,510.64	1/2	1,179.30	1/2	852.74	1/2	547.99	1/2	265.56	1/2	13.48	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,503.74	3/4	1,172.40	3/4	846.14	3/4	541.87	3/4	259.90	3/4	10.16	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,496.84	7	1,165.49	7	839.57	7	535.80	7	254.28	7		7	7	7	7	7	7	7	7
1/4	1,489.93	1/4	1,158.59	1/4	833.00	1/4	529.73	1/4	248.66	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,483.03	1/2	1,151.69	1/2	826.43	1/2	523.66	1/2	243.03	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,476.13	3/4	1,144.78	3/4	819.86	3/4	517.59	3/4	237.41	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,469.23	8	1,137.88	8	813.33	8	511.54	8	231.83	8		8	8	8	8	8	8	8	8
1/4	1,462.32	1/4	1,130.98	1/4	806.81	1/4	505.50	1/4	226.24	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,455.42	1/2	1,124.08	1/2	800.28	1/2	499.46	1/2	220.66	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,448.52	3/4	1,117.17	3/4	793.75	3/4	493.42	3/4	215.08	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,441.61	9	1,110.27	9	787.26	9	487.40	9	209.53	9		9	9	9	9	9	9	9	9
1/4	1,434.71	1/4	1,103.37	1/4	780.77	1/4	481.39	1/4	203.99	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,427.81	1/2	1,096.46	1/2	774.28	1/2	475.38	1/2	198.44	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,420.90	3/4	1,089.56	3/4	767.79	3/4	469.36	3/4	192.90	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,414.00	10	1,082.66	10	761.34	10	463.39	10	187.40	10		10	10	10	10	10	10	10	10
1/4	1,407.10	1/4	1,075.76	1/4	754.89	1/4	457.41	1/4	181.89	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,400.20	1/2	1,068.87	1/2	748.44	1/2	451.43	1/2	176.39	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,393.29	3/4	1,061.97	3/4	741.99	3/4	445.46	3/4	170.88	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,386.39	11	1,055.09	11	735.58	11	439.52	11	165.42	11		11	11	11	11	11	11	11	11
1/4	1,379.49	1/4	1,048.21	1/4	729.18	1/4	433.58	1/4	159.95	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,372.58	1/2	1,041.33	1/2	722.77	1/2	427.64	1/2	154.49	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,365.68	3/4	1,034.46	3/4	716.36	3/4	421.70	3/4	149.02	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: 06/03/2020 CL  
CALCULATED: 06/03/2020 CL  
PRINTED: 06/03/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2020

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



# BARGE "CTC29102"

## 1 STBD ULLAGE 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	0	0	0	0	4,304.02	0	3,996.24	0	3,671.79	0	3,340.38	0	3,008.97	0	2,677.54	0	2,346.12	0	2,014.68
1/4	1/4	1/4	1/4	1/4	4,297.77	1/4	3,989.64	1/4	3,664.89	1/4	3,333.48	1/4	3,002.06	1/4	2,670.63	1/4	2,339.21	1/4	2,007.77
1/2	1/2	1/2	1/2	1/2	4,589.84	1/2	4,291.53	1/2	3,983.03	1/2	3,657.99	1/2	3,326.57	1/2	2,995.16	1/2	2,663.73	1/2	2,332.31
3/4	3/4	3/4	3/4	3/4	4,585.05	3/4	4,285.25	3/4	3,976.40	3/4	3,651.08	3/4	3,319.67	3/4	2,988.25	3/4	2,656.83	3/4	2,325.40
1	1	1	1	1	4,580.26	1	4,278.98	1	3,969.77	1	3,644.18	1	3,312.76	1	2,981.35	1	2,649.92	1	2,318.50
1/4	1/4	1/4	1/4	1/4	4,575.47	1/4	4,272.70	1/4	3,963.15	1/4	3,637.27	1/4	3,305.86	1/4	2,974.44	1/4	2,643.02	1/4	2,311.60
1/2	1/2	1/2	1/2	1/2	4,570.67	1/2	4,266.43	1/2	3,956.52	1/2	3,630.37	1/2	3,298.95	1/2	2,967.54	1/2	2,636.11	1/2	2,304.69
3/4	3/4	3/4	3/4	3/4	4,564.59	3/4	4,260.13	3/4	3,949.86	3/4	3,623.47	3/4	3,292.05	3/4	2,960.63	3/4	2,629.21	3/4	2,297.79
2	2	2	2	2	4,558.50	2	4,253.83	2	3,943.21	2	3,616.56	2	3,285.15	2	2,953.73	2	2,622.30	2	2,290.88
1/4	1/4	1/4	1/4	1/4	4,552.41	1/4	4,247.53	1/4	3,936.55	1/4	3,609.66	1/4	3,278.24	1/4	2,946.82	1/4	2,615.40	1/4	2,283.98
1/2	1/2	1/2	1/2	1/2	4,546.32	1/2	4,241.23	1/2	3,929.90	1/2	3,602.75	1/2	3,271.34	1/2	2,939.91	1/2	2,608.49	1/2	2,277.07
3/4	3/4	3/4	3/4	3/4	4,539.55	3/4	4,234.90	3/4	3,923.21	3/4	3,595.85	3/4	3,264.43	3/4	2,933.01	3/4	2,601.59	3/4	2,270.17
3	3	3	3	3	4,532.77	3	4,228.57	3	3,916.53	3	3,588.94	3	3,257.53	3	2,926.10	3	2,594.68	3	2,263.26
1/4	1/4	1/4	1/4	1/4	4,525.99	1/4	4,222.25	1/4	3,909.85	1/4	3,582.04	1/4	3,250.62	1/4	2,919.20	1/4	2,587.78	1/4	2,256.36
1/2	1/2	1/2	1/2	1/2	4,519.21	1/2	4,215.92	1/2	3,903.17	1/2	3,575.13	1/2	3,243.72	1/2	2,912.30	1/2	2,580.87	1/2	2,249.45
3/4	3/4	3/4	3/4	3/4	4,512.35	3/4	4,209.57	3/4	3,896.46	3/4	3,568.23	3/4	3,236.81	3/4	2,905.39	3/4	2,573.97	3/4	2,242.55
4	4	4	4	4	4,505.48	4	4,203.21	4	3,889.75	4	3,561.33	4	3,229.91	4	2,898.49	4	2,567.07	4	2,235.64
1/4	1/4	1/4	1/4	1/4	4,498.62	1/4	4,196.86	1/4	3,883.05	1/4	3,554.42	1/4	3,223.00	1/4	2,891.58	1/4	2,560.16	1/4	2,228.74
1/2	1/2	1/2	1/2	1/2	4,491.75	1/2	4,190.51	1/2	3,876.34	1/2	3,547.52	1/2	3,216.10	1/2	2,884.68	1/2	2,553.26	1/2	2,221.84
3/4	3/4	3/4	3/4	3/4	4,485.08	3/4	4,184.13	3/4	3,869.60	3/4	3,540.61	3/4	3,209.20	3/4	2,877.77	3/4	2,546.35	3/4	2,214.93
5	5	5	5	5	4,478.41	5	4,177.75	5	3,862.87	5	3,533.71	5	3,202.29	5	2,870.87	5	2,539.45	5	2,208.03
1/4	1/4	1/4	1/4	1/4	4,471.74	1/4	4,171.37	1/4	3,856.14	1/4	3,526.80	1/4	3,195.39	1/4	2,863.96	1/4	2,532.54	1/4	2,201.12
1/2	1/2	1/2	1/2	1/2	4,465.07	1/2	4,164.99	1/2	3,849.40	1/2	3,519.90	1/2	3,188.48	1/2	2,857.06	1/2	2,525.64	1/2	2,194.22
3/4	3/4	3/4	3/4	3/4	4,458.78	3/4	4,158.58	3/4	3,842.64	3/4	3,512.99	3/4	3,181.58	3/4	2,850.15	3/4	2,518.73	3/4	2,187.31
6	6	6	6	6	4,452.49	6	4,152.18	6	3,835.88	6	3,506.09	6	3,174.67	6	2,843.25	6	2,511.83	6	2,180.41
1/4	1/4	1/4	1/4	1/4	4,446.20	1/4	4,145.77	1/4	3,829.12	1/4	3,499.18	1/4	3,167.77	1/4	2,836.35	1/4	2,504.92	1/4	2,173.50
1/2	1/2	1/2	1/2	1/2	4,439.90	1/2	4,139.37	1/2	3,822.36	1/2	3,492.28	1/2	3,160.86	1/2	2,829.44	1/2	2,498.02	1/2	2,166.60
3/4	3/4	3/4	3/4	3/4	4,433.79	3/4	4,132.94	3/4	3,815.57	3/4	3,485.38	3/4	3,153.96	3/4	2,822.54	3/4	2,491.12	3/4	2,159.69
7	7	7	7	7	4,427.67	7	4,126.50	7	3,808.79	7	3,478.47	7	3,147.06	7	2,815.63	7	2,484.21	7	2,152.79
1/4	1/4	1/4	1/4	1/4	4,421.55	1/4	4,120.07	1/4	3,802.00	1/4	3,471.57	1/4	3,140.15	1/4	2,808.73	1/4	2,477.31	1/4	2,145.89
1/2	1/2	1/2	1/2	1/2	4,415.44	1/2	4,113.64	1/2	3,795.22	1/2	3,464.66	1/2	3,133.25	1/2	2,801.82	1/2	2,470.40	1/2	2,138.98
3/4	3/4	3/4	3/4	3/4	4,409.29	3/4	4,107.18	3/4	3,788.40	3/4	3,457.76	3/4	3,126.34	3/4	2,794.92	3/4	2,463.50	3/4	2,132.08
8	8	8	8	8	4,403.15	8	4,100.72	8	3,781.59	8	3,450.85	8	3,119.44	8	2,788.01	8	2,456.59	8	2,125.17
1/4	1/4	1/4	1/4	1/4	4,397.01	1/4	4,094.27	1/4	3,774.78	1/4	3,443.95	1/4	3,112.53	1/4	2,781.11	1/4	2,449.69	1/4	2,118.27
1/2	1/2	1/2	1/2	1/2	4,390.86	1/2	4,087.81	1/2	3,767.96	1/2	3,437.04	1/2	3,105.63	1/2	2,774.20	1/2	2,442.78	1/2	2,111.36
3/4	3/4	3/4	3/4	3/4	4,384.70	3/4	4,081.32	3/4	3,761.13	3/4	3,430.14	3/4	3,098.72	3/4	2,767.30	3/4	2,435.88	3/4	2,104.46
9	9	9	9	9	4,378.53	9	4,074.84	9	3,754.29	9	3,423.24	9	3,091.82	9	2,760.39	9	2,428.97	9	2,097.55
1/4	1/4	1/4	1/4	1/4	4,372.36	1/4	4,068.36	1/4	3,747.45	1/4	3,416.33	1/4	3,084.91	1/4	2,753.49	1/4	2,422.07	1/4	2,090.65
1/2	1/2	1/2	1/2	1/2	4,366.19	1/2	4,061.87	1/2	3,740.61	1/2	3,409.43	1/2	3,078.01	1/2	2,746.59	1/2	2,415.16	1/2	2,083.74
3/4	3/4	3/4	3/4	3/4	4,359.99	3/4	4,055.34	3/4	3,733.74	3/4	3,402.52	3/4	3,071.11	3/4	2,739.68	3/4	2,408.26	3/4	2,076.84
10	10	10	10	10	4,353.80	10	4,048.81	10	3,726.88	10	3,395.62	10	3,064.20	10	2,732.78	10	2,401.36	10	2,069.93
1/4	1/4	1/4	1/4	1/4	4,347.60	1/4	4,042.28	1/4	3,720.01	1/4	3,388.71	1/4	3,057.30	1/4	2,725.87	1/4	2,394.45	1/4	2,063.03
1/2	1/2	1/2	1/2	1/2	4,341.40	1/2	4,035.75	1/2	3,713.15	1/2	3,381.81	1/2	3,050.39	1/2	2,718.97	1/2	2,387.55	1/2	2,056.13
3/4	3/4	3/4	3/4	3/4	4,335.18	3/4	4,029.17	3/4	3,706.26	3/4	3,374.90	3/4	3,043.49	3/4	2,712.06	3/4	2,380.64	3/4	2,049.22
11	11	11	11	11	4,328.96	11	4,022.60	11	3,699.37	11	3,368.00	11	3,036.58	11	2,705.16	11	2,373.74	11	2,042.31
1/4	1/4	1/4	1/4	1/4	4,322.74	1/4	4,016.02	1/4	3,692.48	1/4	3,361.09	1/4	3,029.68	1/4	2,698.25	1/4	2,366.83	1/4	2,035.40
1/2	1/2	1/2	1/2	1/2	4,316.52	1/2	4,009.44	1/2	3,685.60	1/2	3,354.19	1/2	3,022.77	1/2	2,691.35	1/2	2,359.93	1/2	2,028.50
3/4	3/4	3/4	3/4	3/4	4,310.27	3/4	4,002.84	3/4	3,678.69	3/4	3,347.29	3/4	3,015.87	3/4	2,684.44	3/4	2,353.02	3/4	2,021.59

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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



# BARGE "CTC29102"

## 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	1,683.14	0	1,351.59	0	1,020.30	0	703.98	0	410.10	0	138.23	0		0		0		0	
1/4	1,676.23	1/4	1,344.68	1/4	1,013.46	1/4	697.63	1/4	404.20	1/4	132.80	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,669.32	1/2	1,337.78	1/2	1,006.63	1/2	691.28	1/2	398.29	1/2	127.37	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,662.41	3/4	1,330.87	3/4	999.84	3/4	684.96	3/4	392.43	3/4	121.98	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,655.51	1	1,323.96	1	993.05	1	678.65	1	386.57	1	116.59	1	1	1	1	1	1	1	1
1/4	1,648.60	1/4	1,317.05	1/4	986.27	1/4	672.34	1/4	380.71	1/4	111.20	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,641.69	1/2	1,310.15	1/2	979.48	1/2	666.02	1/2	374.85	1/2	105.82	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,634.79	3/4	1,303.24	3/4	972.73	3/4	659.75	3/4	369.02	3/4	100.47	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,627.88	2	1,296.33	2	965.98	2	653.47	2	363.20	2	95.12	2	2	2	2	2	2	2	2
1/4	1,620.97	1/4	1,289.43	1/4	959.23	1/4	647.20	1/4	357.38	1/4	89.77	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,614.06	1/2	1,282.52	1/2	952.49	1/2	640.93	1/2	351.55	1/2	84.42	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,607.16	3/4	1,275.61	3/4	945.78	3/4	634.69	3/4	345.77	3/4	79.11	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,600.25	3	1,268.70	3	939.07	3	628.46	3	339.99	3	73.80	3	3	3	3	3	3	3	3
1/4	1,593.34	1/4	1,261.80	1/4	932.36	1/4	622.22	1/4	334.21	1/4	68.49	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,586.43	1/2	1,254.89	1/2	925.65	1/2	615.99	1/2	328.43	1/2	63.18	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,579.53	3/4	1,247.98	3/4	918.98	3/4	609.79	3/4	322.69	3/4	57.91	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,572.62	4	1,241.07	4	912.32	4	603.60	4	316.95	4	52.64	4	4	4	4	4	4	4	4
1/4	1,565.71	1/4	1,234.17	1/4	905.65	1/4	597.40	1/4	311.21	1/4	47.37	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,558.81	1/2	1,227.26	1/2	898.98	1/2	591.21	1/2	305.47	1/2	42.10	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,551.90	3/4	1,220.35	3/4	892.35	3/4	585.05	3/4	299.77	3/4	37.44	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,544.99	5	1,213.45	5	885.72	5	578.90	5	294.07	5	32.78	5	5	5	5	5	5	5	5
1/4	1,538.08	1/4	1,206.54	1/4	879.09	1/4	572.74	1/4	288.37	1/4	28.13	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,531.18	1/2	1,199.63	1/2	872.46	1/2	566.59	1/2	282.67	1/2	23.47	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,524.27	3/4	1,192.72	3/4	865.87	3/4	560.48	3/4	277.01	3/4	20.15	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,517.36	6	1,185.82	6	859.28	6	554.36	6	271.34	6	16.82	6	6	6	6	6	6	6	6
1/4	1,510.46	1/4	1,178.91	1/4	852.69	1/4	548.25	1/4	265.68	1/4	13.49	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,503.55	1/2	1,172.00	1/2	846.10	1/2	542.14	1/2	260.02	1/2	10.16	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,496.64	3/4	1,165.10	3/4	839.55	3/4	536.06	3/4	254.39	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,489.73	7	1,158.19	7	833.00	7	529.98	7	248.77	7		7	7	7	7	7	7	7	7
1/4	1,482.83	1/4	1,151.28	1/4	826.45	1/4	523.91	1/4	243.14	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,475.92	1/2	1,144.37	1/2	819.90	1/2	517.83	1/2	237.52	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,469.01	3/4	1,137.47	3/4	813.38	3/4	511.79	3/4	231.93	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,462.11	8	1,130.56	8	806.87	8	505.74	8	226.34	8		8	8	8	8	8	8	8	8
1/4	1,455.20	1/4	1,123.65	1/4	800.36	1/4	499.70	1/4	220.76	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,448.29	1/2	1,116.75	1/2	793.85	1/2	493.65	1/2	215.17	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,441.38	3/4	1,109.84	3/4	787.38	3/4	487.64	3/4	209.62	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,434.48	9	1,102.93	9	780.91	9	481.62	9	204.08	9		9	9	9	9	9	9	9	9
1/4	1,427.57	1/4	1,096.02	1/4	774.44	1/4	475.60	1/4	198.53	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,420.66	1/2	1,089.12	1/2	767.96	1/2	469.59	1/2	192.98	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,413.75	3/4	1,082.21	3/4	761.53	3/4	463.61	3/4	187.48	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,406.85	10	1,075.31	10	755.10	10	457.63	10	181.97	10		10	10	10	10	10	10	10	10
1/4	1,399.94	1/4	1,068.41	1/4	748.67	1/4	451.64	1/4	176.46	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,393.03	1/2	1,061.51	1/2	742.24	1/2	445.66	1/2	170.96	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,386.13	3/4	1,054.62	3/4	735.85	3/4	439.72	3/4	165.49	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,379.22	11	1,047.74	11	729.46	11	433.78	11	160.02	11		11	11	11	11	11	11	11	11
1/4	1,372.31	1/4	1,040.86	1/4	723.07	1/4	427.84	1/4	154.55	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,365.40	1/2	1,033.98	1/2	716.68	1/2	421.90	1/2	149.08	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,358.50	3/4	1,027.14	3/4	710.33	3/4	416.00	3/4	143.66	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/03/2020 CL  
CALCULATED: 06/03/2020 CL  
PRINTED: 06/03/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2020

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



# BARGE "CTC29102"

## 2 PORT ULLAGE 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	0	0	5,212.28	0	4,851.50	0	4,471.26	0	4,083.21	0	3,695.16	0	3,307.10	0	2,919.05	0	2,530.97		
1/4	1/4	5,554.25	1/4	5,204.96	1/4	4,843.76	1/4	4,463.18	1/4	4,075.13	1/4	3,687.07	1/4	3,299.02	1/4	2,910.96	1/4	2,522.88	
1/2	1/2	5,548.64	1/2	5,197.61	1/2	4,836.00	1/2	4,455.09	1/2	4,067.04	1/2	3,678.99	1/2	3,290.93	1/2	2,902.88	1/2	2,514.79	
3/4	3/4	5,543.02	3/4	5,190.27	3/4	4,828.24	3/4	4,447.01	3/4	4,058.96	3/4	3,670.91	3/4	3,282.85	3/4	2,894.79	3/4	2,506.70	
1	1	5,537.41	1	5,182.92	1	4,820.48	1	4,438.92	1	4,050.87	1	3,662.82	1	3,274.76	1	2,886.71	1	2,498.61	
1/4	1/4	5,531.80	1/4	5,175.58	1/4	4,812.72	1/4	4,430.84	1/4	4,042.79	1/4	3,654.74	1/4	3,266.68	1/4	2,878.62	1/4	2,490.53	
1/2	1/2	5,524.67	1/2	5,168.20	1/2	4,804.92	1/2	4,422.76	1/2	4,034.70	1/2	3,646.65	1/2	3,258.59	1/2	2,870.54	1/2	2,482.44	
3/4	3/4	5,517.55	3/4	5,160.82	3/4	4,797.13	3/4	4,414.67	3/4	4,026.62	3/4	3,638.57	3/4	3,250.51	3/4	2,862.45	3/4	2,474.35	
2	2	5,510.42	2	5,153.45	2	4,789.34	2	4,406.59	2	4,018.54	2	3,630.48	2	3,242.43	2	2,854.37	2	2,466.26	
1/4	1/4	5,503.29	1/4	5,146.07	1/4	4,781.55	1/4	4,398.50	1/4	4,010.45	1/4	3,622.40	1/4	3,234.34	1/4	2,846.28	1/4	2,458.18	
1/2	1/2	5,495.35	1/2	5,138.66	1/2	4,773.72	1/2	4,390.42	1/2	4,002.37	1/2	3,614.31	1/2	3,226.26	1/2	2,838.20	1/2	2,450.09	
3/4	3/4	5,487.42	3/4	5,131.25	3/4	4,765.90	3/4	4,382.33	3/4	3,994.28	3/4	3,606.23	3/4	3,218.17	3/4	2,830.12	3/4	2,442.00	
3	3	5,479.48	3	5,123.85	3	4,758.08	3	4,374.25	3	3,986.20	3	3,598.14	3	3,210.09	3	2,822.03	3	2,433.91	
1/4	1/4	5,471.54	1/4	5,116.44	1/4	4,750.25	1/4	4,366.16	1/4	3,978.11	1/4	3,590.06	1/4	3,202.00	1/4	2,813.95	1/4	2,425.83	
1/2	1/2	5,463.50	1/2	5,109.00	1/2	4,742.40	1/2	4,358.08	1/2	3,970.03	1/2	3,581.97	1/2	3,193.92	1/2	2,805.86	1/2	2,417.74	
3/4	3/4	5,455.47	3/4	5,101.56	3/4	4,734.54	3/4	4,350.00	3/4	3,961.94	3/4	3,573.89	3/4	3,185.83	3/4	2,797.78	3/4	2,409.65	
4	4	5,447.43	4	5,094.12	4	4,726.69	4	4,341.91	4	3,953.86	4	3,565.81	4	3,177.75	4	2,789.69	4	2,401.56	
1/4	1/4	5,439.39	1/4	5,086.68	1/4	4,718.84	1/4	4,333.83	1/4	3,945.78	1/4	3,557.72	1/4	3,169.66	1/4	2,781.61	1/4	2,393.48	
1/2	1/2	5,431.58	1/2	5,079.22	1/2	4,710.95	1/2	4,325.74	1/2	3,937.69	1/2	3,549.64	1/2	3,161.58	1/2	2,773.52	1/2	2,385.39	
3/4	3/4	5,423.77	3/4	5,071.75	3/4	4,703.07	3/4	4,317.66	3/4	3,929.61	3/4	3,541.55	3/4	3,153.50	3/4	2,765.44	3/4	2,377.30	
5	5	5,415.96	5	5,064.28	5	4,695.18	5	4,309.57	5	3,921.52	5	3,533.47	5	3,145.41	5	2,757.36	5	2,369.21	
1/4	1/4	5,408.15	1/4	5,056.81	1/4	4,687.30	1/4	4,301.49	1/4	3,913.44	1/4	3,525.38	1/4	3,137.33	1/4	2,749.27	1/4	2,361.13	
1/2	1/2	5,400.78	1/2	5,049.31	1/2	4,679.38	1/2	4,293.40	1/2	3,905.35	1/2	3,517.30	1/2	3,129.24	1/2	2,741.19	1/2	2,353.04	
3/4	3/4	5,393.42	3/4	5,041.81	3/4	4,671.47	3/4	4,285.32	3/4	3,897.27	3/4	3,509.21	3/4	3,121.16	3/4	2,733.10	3/4	2,344.95	
6	6	5,386.05	6	5,034.31	6	4,663.55	6	4,277.24	6	3,889.18	6	3,501.13	6	3,113.07	6	2,725.02	6	2,336.86	
1/4	1/4	5,378.69	1/4	5,026.81	1/4	4,655.64	1/4	4,269.15	1/4	3,881.10	1/4	3,493.04	1/4	3,104.99	1/4	2,716.93	1/4	2,328.78	
1/2	1/2	5,371.53	1/2	5,019.28	1/2	4,647.69	1/2	4,261.07	1/2	3,873.02	1/2	3,484.96	1/2	3,096.90	1/2	2,708.85	1/2	2,320.69	
3/4	3/4	5,364.36	3/4	5,011.75	3/4	4,639.74	3/4	4,252.98	3/4	3,864.93	3/4	3,476.88	3/4	3,088.82	3/4	2,700.76	3/4	2,312.60	
7	7	5,357.20	7	5,004.22	7	4,631.80	7	4,244.90	7	3,856.85	7	3,468.79	7	3,080.74	7	2,692.68	7	2,304.51	
1/4	1/4	5,350.04	1/4	4,996.69	1/4	4,623.85	1/4	4,236.81	1/4	3,848.76	1/4	3,460.71	1/4	3,072.65	1/4	2,684.59	1/4	2,296.42	
1/2	1/2	5,342.85	1/2	4,989.13	1/2	4,615.87	1/2	4,228.73	1/2	3,840.68	1/2	3,452.62	1/2	3,064.57	1/2	2,676.51	1/2	2,288.34	
3/4	3/4	5,335.66	3/4	4,981.57	3/4	4,607.90	3/4	4,220.65	3/4	3,832.59	3/4	3,444.54	3/4	3,056.48	3/4	2,668.43	3/4	2,280.25	
8	8	5,328.46	8	4,974.00	8	4,599.92	8	4,212.56	8	3,824.51	8	3,436.45	8	3,048.40	8	2,660.34	8	2,272.16	
1/4	1/4	5,321.27	1/4	4,966.44	1/4	4,591.94	1/4	4,204.48	1/4	3,816.43	1/4	3,428.37	1/4	3,040.31	1/4	2,652.26	1/4	2,264.07	
1/2	1/2	5,314.05	1/2	4,958.85	1/2	4,583.94	1/2	4,196.39	1/2	3,808.34	1/2	3,420.28	1/2	3,032.23	1/2	2,644.17	1/2	2,255.99	
3/4	3/4	5,306.82	3/4	4,951.26	3/4	4,575.93	3/4	4,188.31	3/4	3,800.26	3/4	3,412.20	3/4	3,024.14	3/4	2,636.09	3/4	2,247.90	
9	9	5,299.60	9	4,943.67	9	4,567.92	9	4,180.22	9	3,792.17	9	3,404.12	9	3,016.06	9	2,628.00	9	2,239.81	
1/4	1/4	5,292.38	1/4	4,936.08	1/4	4,559.91	1/4	4,172.14	1/4	3,784.09	1/4	3,396.03	1/4	3,007.97	1/4	2,619.92	1/4	2,231.72	
1/2	1/2	5,285.12	1/2	4,928.43	1/2	4,551.87	1/2	4,164.05	1/2	3,776.00	1/2	3,387.95	1/2	2,999.89	1/2	2,611.83	1/2	2,223.64	
3/4	3/4	5,277.87	3/4	4,920.78	3/4	4,543.84	3/4	4,155.97	3/4	3,767.92	3/4	3,379.86	3/4	2,991.81	3/4	2,603.75	3/4	2,215.55	
10	10	5,270.61	10	4,913.14	10	4,535.80	10	4,147.89	10	3,759.83	10	3,371.78	10	2,983.72	10	2,595.67	10	2,207.46	
1/4	1/4	5,263.36	1/4	4,905.49	1/4	4,527.76	1/4	4,139.80	1/4	3,751.75	1/4	3,363.69	1/4	2,975.64	1/4	2,587.58	1/4	2,199.37	
1/2	1/2	5,256.08	1/2	4,897.79	1/2	4,519.69	1/2	4,131.72	1/2	3,743.67	1/2	3,355.61	1/2	2,967.55	1/2	2,579.49	1/2	2,191.29	
3/4	3/4	5,248.79	3/4	4,890.09	3/4	4,511.63	3/4	4,123.63	3/4	3,735.58	3/4	3,347.52	3/4	2,959.47	3/4	2,571.40	3/4	2,183.20	
11	11	5,241.51	11	4,882.39	11	4,503.56	11	4,115.55	11	3,727.50	11	3,339.44	11	2,951.38	11	2,563.32	11	2,175.11	
1/4	1/4	5,234.22	1/4	4,874.69	1/4	4,495.50	1/4	4,107.46	1/4	3,719.41	1/4	3,331.35	1/4	2,943.30	1/4	2,555.23	1/4	2,167.02	
1/2	1/2	5,226.91	1/2	4,866.96	1/2	4,487.42	1/2	4,099.38	1/2	3,711.33	1/2	3,323.27	1/2	2,935.21	1/2	2,547.14	1/2	2,158.94	
3/4	3/4	5,219.59	3/4	4,859.23	3/4	4,479.34	3/4	4,091.29	3/4	3,703.24	3/4	3,315.19	3/4	2,927.13	3/4	2,539.05	3/4	2,150.85	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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



# BARGE "CTC29102"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	2,134.67	1/4	1,746.47	1/4	1,358.26	1/4	970.13	1/4	582.63	1/4	194.47	1/4		1/4		1/4		1/4	
1/2	2,126.59	1/2	1,738.38	1/2	1,350.18	1/2	962.06	1/2	574.54	1/2	186.38	1/2		1/2		1/2		1/2	
3/4	2,118.50	3/4	1,730.29	3/4	1,342.09	3/4	954.00	3/4	566.45	3/4	178.29	3/4		3/4		3/4		3/4	
1	2,110.41	1	1,722.21	1	1,334.00	1	945.93	1	558.36	1	170.21	1		1		1		1	
1/4	2,102.32	1/4	1,714.12	1/4	1,325.91	1/4	937.87	1/4	550.28	1/4	162.12	1/4		1/4		1/4		1/4	
1/2	2,094.23	1/2	1,706.03	1/2	1,317.83	1/2	929.80	1/2	542.19	1/2	154.03	1/2		1/2		1/2		1/2	
3/4	2,086.15	3/4	1,697.94	3/4	1,309.74	3/4	921.73	3/4	534.10	3/4	145.94	3/4		3/4		3/4		3/4	
2	2,078.06	2	1,689.85	2	1,301.65	2	913.67	2	526.01	2	137.85	2		2		2		2	
1/4	2,069.97	1/4	1,681.77	1/4	1,293.56	1/4	905.60	1/4	517.93	1/4	129.77	1/4		1/4		1/4		1/4	
1/2	2,061.88	1/2	1,673.68	1/2	1,285.47	1/2	897.54	1/2	509.84	1/2	121.68	1/2		1/2		1/2		1/2	
3/4	2,053.80	3/4	1,665.59	3/4	1,277.39	3/4	889.47	3/4	501.75	3/4	113.59	3/4		3/4		3/4		3/4	
3	2,045.71	3	1,657.50	3	1,269.30	3	881.40	3	493.67	3	105.50	3		3		3		3	
1/4	2,037.62	1/4	1,649.42	1/4	1,261.21	1/4	873.34	1/4	485.58	1/4	97.42	1/4		1/4		1/4		1/4	
1/2	2,029.53	1/2	1,641.33	1/2	1,253.12	1/2	865.27	1/2	477.50	1/2	89.33	1/2		1/2		1/2		1/2	
3/4	2,021.45	3/4	1,633.24	3/4	1,245.04	3/4	857.21	3/4	469.41	3/4	81.24	3/4		3/4		3/4		3/4	
4	2,013.36	4	1,625.15	4	1,236.95	4	849.14	4	461.33	4	73.15	4		4		4		4	
1/4	2,005.27	1/4	1,617.07	1/4	1,228.86	1/4	841.08	1/4	453.25	1/4	65.07	1/4		1/4		1/4		1/4	
1/2	1,997.18	1/2	1,608.98	1/2	1,220.77	1/2	833.01	1/2	445.17	1/2	57.65	1/2		1/2		1/2		1/2	
3/4	1,989.10	3/4	1,600.89	3/4	1,212.69	3/4	824.95	3/4	437.08	3/4	50.24	3/4		3/4		3/4		3/4	
5	1,981.01	5	1,592.80	5	1,204.60	5	816.88	5	429.00	5	42.83	5		5		5		5	
1/4	1,972.92	1/4	1,584.72	1/4	1,196.51	1/4	808.82	1/4	420.92	1/4	35.41	1/4		1/4		1/4		1/4	
1/2	1,964.83	1/2	1,576.63	1/2	1,188.42	1/2	800.76	1/2	412.83	1/2	30.02	1/2		1/2		1/2		1/2	
3/4	1,956.75	3/4	1,568.54	3/4	1,180.34	3/4	792.69	3/4	404.74	3/4	24.63	3/4		3/4		3/4		3/4	
6	1,948.66	6	1,560.45	6	1,172.25	6	784.63	6	396.66	6	19.24	6		6		6		6	
1/4	1,940.57	1/4	1,552.37	1/4	1,164.16	1/4	776.57	1/4	388.57	1/4	13.85	1/4		1/4		1/4		1/4	
1/2	1,932.48	1/2	1,544.28	1/2	1,156.07	1/2	768.50	1/2	380.48	1/2		1/2		1/2		1/2		1/2	
3/4	1,924.40	3/4	1,536.19	3/4	1,147.99	3/4	760.44	3/4	372.40	3/4		3/4		3/4		3/4		3/4	
7	1,916.31	7	1,528.10	7	1,139.90	7	752.37	7	364.31	7		7		7		7		7	
1/4	1,908.22	1/4	1,520.02	1/4	1,131.81	1/4	744.31	1/4	356.22	1/4		1/4		1/4		1/4		1/4	
1/2	1,900.13	1/2	1,511.93	1/2	1,123.72	1/2	736.24	1/2	348.13	1/2		1/2		1/2		1/2		1/2	
3/4	1,892.04	3/4	1,503.84	3/4	1,115.64	3/4	728.16	3/4	340.04	3/4		3/4		3/4		3/4		3/4	
8	1,883.96	8	1,495.75	8	1,107.55	8	720.09	8	331.96	8		8		8		8		8	
1/4	1,875.87	1/4	1,487.66	1/4	1,099.46	1/4	712.02	1/4	323.87	1/4		1/4		1/4		1/4		1/4	
1/2	1,867.78	1/2	1,479.58	1/2	1,091.37	1/2	703.93	1/2	315.78	1/2		1/2		1/2		1/2		1/2	
3/4	1,859.69	3/4	1,471.49	3/4	1,083.28	3/4	695.85	3/4	307.69	3/4		3/4		3/4		3/4		3/4	
9	1,851.61	9	1,463.40	9	1,075.20	9	687.76	9	299.61	9		9		9		9		9	
1/4	1,843.52	1/4	1,455.31	1/4	1,067.11	1/4	679.68	1/4	291.52	1/4		1/4		1/4		1/4		1/4	
1/2	1,835.43	1/2	1,447.23	1/2	1,059.02	1/2	671.59	1/2	283.43	1/2		1/2		1/2		1/2		1/2	
3/4	1,827.34	3/4	1,439.14	3/4	1,050.93	3/4	663.50	3/4	275.34	3/4		3/4		3/4		3/4		3/4	
10	1,819.26	10	1,431.05	10	1,042.85	10	655.41	10	267.26	10		10		10		10		10	
1/4	1,811.17	1/4	1,422.96	1/4	1,034.76	1/4	647.33	1/4	259.17	1/4		1/4		1/4		1/4		1/4	
1/2	1,803.08	1/2	1,414.88	1/2	1,026.67	1/2	639.24	1/2	251.08	1/2		1/2		1/2		1/2		1/2	
3/4	1,794.99	3/4	1,406.79	3/4	1,018.59	3/4	631.15	3/4	242.99	3/4		3/4		3/4		3/4		3/4	
11	1,786.91	11	1,398.70	11	1,010.51	11	623.06	11	234.91	11		11		11		11		11	
1/4	1,778.82	1/4	1,390.61	1/4	1,002.42	1/4	614.98	1/4	226.82	1/4		1/4		1/4		1/4		1/4	
1/2	1,770.73	1/2	1,382.53	1/2	994.35	1/2	606.89	1/2	218.73	1/2		1/2		1/2		1/2		1/2	
3/4	1,762.64	3/4	1,374.44	3/4	986.28	3/4	598.80	3/4	210.64	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/03/2020 CL  
CALCULATED: 06/03/2020 CL  
PRINTED: 06/03/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2020

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



# BARGE "CTC29102"

## 2 STBD ULLAGE 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	0	0	5,185.23	0	4,825.44	0	4,446.18	0	4,058.78	0	3,671.38	0	3,283.97	0	2,896.57	0	2,509.14		
1/4	1/4	1/4	5,177.92	1/4	4,817.72	1/4	4,438.11	1/4	4,050.71	1/4	3,663.31	1/4	3,275.90	1/4	2,888.49	1/4	2,501.07		
1/2	1/2	1/2	5,519.33	1/2	5,170.62	1/2	4,810.00	1/2	4,430.05	1/2	4,042.64	1/2	3,655.24	1/2	3,267.83	1/2	2,880.42	1/2	2,492.99
3/4	3/4	3/4	5,513.73	3/4	5,163.28	3/4	4,802.25	3/4	4,421.98	3/4	4,034.57	3/4	3,647.17	3/4	3,259.76	3/4	2,872.35	3/4	2,484.92
1	1	1	5,508.13	1	5,155.95	1	4,794.50	1	4,413.90	1	4,026.50	1	3,639.10	1	3,251.69	1	2,864.28	1	2,476.85
1/4	1/4	1/4	5,502.53	1/4	5,148.61	1/4	4,786.75	1/4	4,405.83	1/4	4,018.43	1/4	3,631.03	1/4	3,243.62	1/4	2,856.21	1/4	2,468.77
1/2	1/2	1/2	5,496.93	1/2	5,141.28	1/2	4,779.01	1/2	4,397.76	1/2	4,010.36	1/2	3,622.96	1/2	3,235.55	1/2	2,848.14	1/2	2,460.70
3/4	3/4	3/4	5,489.81	3/4	5,133.91	3/4	4,771.23	3/4	4,389.69	3/4	4,002.29	3/4	3,614.88	3/4	3,227.48	3/4	2,840.07	3/4	2,452.62
2	2	2	5,482.70	2	5,126.55	2	4,763.45	2	4,381.62	2	3,994.22	2	3,606.81	2	3,219.41	2	2,832.00	2	2,444.55
1/4	1/4	1/4	5,475.58	1/4	5,119.18	1/4	4,755.67	1/4	4,373.55	1/4	3,986.15	1/4	3,598.74	1/4	3,211.33	1/4	2,823.93	1/4	2,436.48
1/2	1/2	1/2	5,468.47	1/2	5,111.82	1/2	4,747.89	1/2	4,365.48	1/2	3,978.08	1/2	3,590.67	1/2	3,203.26	1/2	2,815.86	1/2	2,428.40
3/4	3/4	3/4	5,460.54	3/4	5,104.42	3/4	4,740.08	3/4	4,357.41	3/4	3,970.00	3/4	3,582.60	3/4	3,195.19	3/4	2,807.78	3/4	2,420.33
3	3	3	5,452.62	3	5,097.03	3	4,732.26	3	4,349.34	3	3,961.93	3	3,574.53	3	3,187.12	3	2,799.71	3	2,412.25
1/4	1/4	1/4	5,444.70	1/4	5,089.63	1/4	4,724.45	1/4	4,341.27	1/4	3,953.86	1/4	3,566.46	1/4	3,179.05	1/4	2,791.64	1/4	2,404.18
1/2	1/2	1/2	5,436.78	1/2	5,082.24	1/2	4,716.64	1/2	4,333.20	1/2	3,945.79	1/2	3,558.39	1/2	3,170.98	1/2	2,783.57	1/2	2,396.10
3/4	3/4	3/4	5,428.75	3/4	5,074.81	3/4	4,708.80	3/4	4,325.12	3/4	3,937.72	3/4	3,550.32	3/4	3,162.91	3/4	2,775.50	3/4	2,388.03
4	4	4	5,420.73	4	5,067.38	4	4,700.96	4	4,317.05	4	3,929.65	4	3,542.25	4	3,154.84	4	2,767.43	4	2,379.96
1/4	1/4	1/4	5,412.70	1/4	5,059.96	1/4	4,693.12	1/4	4,308.98	1/4	3,921.58	1/4	3,534.17	1/4	3,146.77	1/4	2,759.36	1/4	2,371.88
1/2	1/2	1/2	5,404.68	1/2	5,052.53	1/2	4,685.28	1/2	4,300.91	1/2	3,913.51	1/2	3,526.10	1/2	3,138.70	1/2	2,751.29	1/2	2,363.81
3/4	3/4	3/4	5,396.88	3/4	5,045.07	3/4	4,677.41	3/4	4,292.84	3/4	3,905.44	3/4	3,518.03	3/4	3,130.62	3/4	2,743.22	3/4	2,355.73
5	5	5	5,389.08	5	5,037.62	5	4,669.54	5	4,284.77	5	3,897.37	5	3,509.96	5	3,122.55	5	2,735.15	5	2,347.66
1/4	1/4	1/4	5,381.29	1/4	5,030.16	1/4	4,661.66	1/4	4,276.70	1/4	3,889.30	1/4	3,501.89	1/4	3,114.48	1/4	2,727.07	1/4	2,339.59
1/2	1/2	1/2	5,373.49	1/2	5,022.70	1/2	4,653.79	1/2	4,268.63	1/2	3,881.22	1/2	3,493.82	1/2	3,106.41	1/2	2,719.00	1/2	2,331.51
3/4	3/4	3/4	5,366.13	3/4	5,015.21	3/4	4,645.89	3/4	4,260.56	3/4	3,873.15	3/4	3,485.75	3/4	3,098.34	3/4	2,710.93	3/4	2,323.44
6	6	6	5,358.78	6	5,007.73	6	4,637.99	6	4,252.49	6	3,865.08	6	3,477.68	6	3,090.27	6	2,702.86	6	2,315.36
1/4	1/4	1/4	5,351.43	1/4	5,000.24	1/4	4,630.09	1/4	4,244.42	1/4	3,857.01	1/4	3,469.61	1/4	3,082.20	1/4	2,694.79	1/4	2,307.29
1/2	1/2	1/2	5,344.07	1/2	4,992.75	1/2	4,622.18	1/2	4,236.34	1/2	3,848.94	1/2	3,461.54	1/2	3,074.13	1/2	2,686.72	1/2	2,299.22
3/4	3/4	3/4	5,336.92	3/4	4,985.23	3/4	4,614.25	3/4	4,228.27	3/4	3,840.87	3/4	3,453.46	3/4	3,066.06	3/4	2,678.65	3/4	2,291.14
7	7	7	5,329.77	7	4,977.71	7	4,606.32	7	4,220.20	7	3,832.80	7	3,445.39	7	3,057.99	7	2,670.58	7	2,283.07
1/4	1/4	1/4	5,322.62	1/4	4,970.20	1/4	4,598.38	1/4	4,212.13	1/4	3,824.73	1/4	3,437.32	1/4	3,049.91	1/4	2,662.51	1/4	2,274.99
1/2	1/2	1/2	5,315.47	1/2	4,962.68	1/2	4,590.45	1/2	4,204.06	1/2	3,816.66	1/2	3,429.25	1/2	3,041.84	1/2	2,654.44	1/2	2,266.92
3/4	3/4	3/4	5,308.29	3/4	4,955.13	3/4	4,582.49	3/4	4,195.99	3/4	3,808.59	3/4	3,421.18	3/4	3,033.77	3/4	2,646.36	3/4	2,258.85
8	8	8	5,301.11	8	4,947.58	8	4,574.52	8	4,187.92	8	3,800.52	8	3,413.11	8	3,025.70	8	2,638.29	8	2,250.77
1/4	1/4	1/4	5,293.93	1/4	4,940.03	1/4	4,566.56	1/4	4,179.85	1/4	3,792.44	1/4	3,405.04	1/4	3,017.63	1/4	2,630.22	1/4	2,242.70
1/2	1/2	1/2	5,286.75	1/2	4,932.48	1/2	4,558.60	1/2	4,171.78	1/2	3,784.37	1/2	3,396.97	1/2	3,009.56	1/2	2,622.15	1/2	2,234.62
3/4	3/4	3/4	5,279.53	3/4	4,924.90	3/4	4,550.60	3/4	4,163.71	3/4	3,776.30	3/4	3,388.90	3/4	3,001.49	3/4	2,614.08	3/4	2,226.55
9	9	9	5,272.32	9	4,917.32	9	4,542.61	9	4,155.64	9	3,768.23	9	3,380.83	9	2,993.42	9	2,606.01	9	2,218.47
1/4	1/4	1/4	5,265.11	1/4	4,909.74	1/4	4,534.61	1/4	4,147.56	1/4	3,760.16	1/4	3,372.75	1/4	2,985.35	1/4	2,597.94	1/4	2,210.40
1/2	1/2	1/2	5,257.90	1/2	4,902.16	1/2	4,526.62	1/2	4,139.49	1/2	3,752.09	1/2	3,364.68	1/2	2,977.28	1/2	2,589.87	1/2	2,202.33
3/4	3/4	3/4	5,250.65	3/4	4,894.53	3/4	4,518.59	3/4	4,131.42	3/4	3,744.02	3/4	3,356.61	3/4	2,969.20	3/4	2,581.80	3/4	2,194.25
10	10	10	5,243.41	10	4,886.90	10	4,510.57	10	4,123.35	10	3,735.95	10	3,348.54	10	2,961.13	10	2,573.73	10	2,186.18
1/4	1/4	1/4	5,236.17	1/4	4,879.26	1/4	4,502.54	1/4	4,115.28	1/4	3,727.88	1/4	3,340.47	1/4	2,953.06	1/4	2,565.65	1/4	2,178.10
1/2	1/2	1/2	5,228.93	1/2	4,871.63	1/2	4,494.52	1/2	4,107.21	1/2	3,719.81	1/2	3,332.40	1/2	2,944.99	1/2	2,557.58	1/2	2,170.03
3/4	3/4	3/4	5,221.65	3/4	4,863.94	3/4	4,486.47	3/4	4,099.14	3/4	3,711.74	3/4	3,324.33	3/4	2,936.92	3/4	2,549.51	3/4	2,161.96
11	11	11	5,214.38	11	4,856.25	11	4,478.42	11	4,091.07	11	3,703.66	11	3,316.26	11	2,928.85	11	2,541.44	11	2,153.88
1/4	1/4	1/4	5,207.11	1/4	4,848.56	1/4	4,470.36	1/4	4,083.00	1/4	3,695.59	1/4	3,308.19	1/4	2,920.78	1/4	2,533.36	1/4	2,145.81
1/2	1/2	1/2	5,199.83	1/2	4,840.88	1/2	4,462.31	1/2	4,074.93	1/2	3,687.52	1/2	3,300.12	1/2	2,912.71	1/2	2,525.29	1/2	2,137.73
3/4	3/4	3/4	5,192.53	3/4	4,833.16	3/4	4,454.25	3/4	4,066.86	3/4	3,679.45	3/4	3,292.04	3/4	2,904.64	3/4	2,517.22	3/4	2,129.66

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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



# BARGE "CTC29102"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	2,113.51	1/4	1,725.95	1/4	1,338.40	1/4	964.65	1/4	589.73	1/4	202.22	1/4		1/4		1/4		1/4	
1/2	2,105.44	1/2	1,717.88	1/2	1,330.32	1/2	956.89	1/2	581.65	1/2	194.14	1/2		1/2		1/2		1/2	
3/4	2,097.36	3/4	1,709.81	3/4	1,322.40	3/4	949.15	3/4	573.58	3/4	186.07	3/4		3/4		3/4		3/4	
1	2,089.29	1	1,701.73	1	1,314.48	1	941.40	1	565.50	1	177.99	1		1		1		1	
1/4	2,081.21	1/4	1,693.66	1/4	1,306.56	1/4	933.65	1/4	557.43	1/4	169.92	1/4		1/4		1/4		1/4	
1/2	2,073.14	1/2	1,685.58	1/2	1,298.64	1/2	925.91	1/2	549.36	1/2	161.85	1/2		1/2		1/2		1/2	
3/4	2,065.07	3/4	1,677.51	3/4	1,290.87	3/4	918.16	3/4	541.28	3/4	153.77	3/4		3/4		3/4		3/4	
2	2,056.99	2	1,669.44	2	1,283.10	2	910.41	2	533.21	2	145.70	2		2		2		2	
1/4	2,048.92	1/4	1,661.36	1/4	1,275.34	1/4	902.67	1/4	525.13	1/4	137.62	1/4		1/4		1/4		1/4	
1/2	2,040.84	1/2	1,653.29	1/2	1,267.57	1/2	894.92	1/2	517.06	1/2	129.55	1/2		1/2		1/2		1/2	
3/4	2,032.77	3/4	1,645.21	3/4	1,259.80	3/4	887.17	3/4	508.99	3/4	121.48	3/4		3/4		3/4		3/4	
3	2,024.70	3	1,637.14	3	1,252.03	3	879.43	3	500.91	3	113.40	3		3		3		3	
1/4	2,016.62	1/4	1,629.07	1/4	1,244.26	1/4	871.68	1/4	492.84	1/4	105.33	1/4		1/4		1/4		1/4	
1/2	2,008.55	1/2	1,620.99	1/2	1,236.49	1/2	863.93	1/2	484.77	1/2	97.25	1/2		1/2		1/2		1/2	
3/4	2,000.47	3/4	1,612.92	3/4	1,228.72	3/4	856.19	3/4	476.70	3/4	89.18	3/4		3/4		3/4		3/4	
4	1,992.40	4	1,604.84	4	1,220.96	4	848.44	4	468.63	4	81.11	4		4		4		4	
1/4	1,984.33	1/4	1,596.77	1/4	1,213.19	1/4	840.69	1/4	460.56	1/4	73.03	1/4		1/4		1/4		1/4	
1/2	1,976.25	1/2	1,588.69	1/2	1,205.42	1/2	832.95	1/2	452.49	1/2	64.96	1/2		1/2		1/2		1/2	
3/4	1,968.18	3/4	1,580.62	3/4	1,197.65	3/4	825.20	3/4	444.42	3/4	57.56	3/4		3/4		3/4		3/4	
5	1,960.10	5	1,572.55	5	1,189.88	5	817.46	5	436.35	5	50.15	5		5		5		5	
1/4	1,952.03	1/4	1,564.47	1/4	1,182.11	1/4	809.71	1/4	428.28	1/4	42.75	1/4		1/4		1/4		1/4	
1/2	1,943.96	1/2	1,556.40	1/2	1,174.34	1/2	801.96	1/2	420.21	1/2	35.35	1/2		1/2		1/2		1/2	
3/4	1,935.88	3/4	1,548.32	3/4	1,166.57	3/4	794.22	3/4	412.14	3/4	29.97	3/4		3/4		3/4		3/4	
6	1,927.81	6	1,540.25	6	1,158.81	6	786.48	6	404.07	6	24.59	6		6		6		6	
1/4	1,919.73	1/4	1,532.18	1/4	1,151.04	1/4	778.73	1/4	395.99	1/4	19.20	1/4		1/4		1/4		1/4	
1/2	1,911.66	1/2	1,524.10	1/2	1,143.27	1/2	770.99	1/2	387.92	1/2	13.82	1/2		1/2		1/2		1/2	
3/4	1,903.58	3/4	1,516.03	3/4	1,135.50	3/4	763.24	3/4	379.85	3/4		3/4		3/4		3/4		3/4	
7	1,895.51	7	1,507.95	7	1,127.73	7	755.50	7	371.77	7		7		7		7		7	
1/4	1,887.44	1/4	1,499.88	1/4	1,119.96	1/4	747.75	1/4	363.70	1/4		1/4		1/4		1/4		1/4	
1/2	1,879.36	1/2	1,491.81	1/2	1,112.19	1/2	740.01	1/2	355.62	1/2		1/2		1/2		1/2		1/2	
3/4	1,871.29	3/4	1,483.73	3/4	1,104.43	3/4	732.25	3/4	347.55	3/4		3/4		3/4		3/4		3/4	
8	1,863.21	8	1,475.66	8	1,096.66	8	724.50	8	339.48	8		8		8		8		8	
1/4	1,855.14	1/4	1,467.58	1/4	1,088.89	1/4	716.74	1/4	331.40	1/4		1/4		1/4		1/4		1/4	
1/2	1,847.07	1/2	1,459.51	1/2	1,081.12	1/2	708.99	1/2	323.33	1/2		1/2		1/2		1/2		1/2	
3/4	1,838.99	3/4	1,451.44	3/4	1,073.35	3/4	701.23	3/4	315.25	3/4		3/4		3/4		3/4		3/4	
9	1,830.92	9	1,443.36	9	1,065.58	9	693.46	9	307.18	9		9		9		9		9	
1/4	1,822.84	1/4	1,435.29	1/4	1,057.81	1/4	685.69	1/4	299.11	1/4		1/4		1/4		1/4		1/4	
1/2	1,814.77	1/2	1,427.21	1/2	1,050.05	1/2	677.93	1/2	291.03	1/2		1/2		1/2		1/2		1/2	
3/4	1,806.70	3/4	1,419.14	3/4	1,042.28	3/4	670.01	3/4	282.96	3/4		3/4		3/4		3/4		3/4	
10	1,798.62	10	1,411.06	10	1,034.51	10	662.09	10	274.88	10		10		10		10		10	
1/4	1,790.55	1/4	1,402.99	1/4	1,026.74	1/4	654.17	1/4	266.81	1/4		1/4		1/4		1/4		1/4	
1/2	1,782.47	1/2	1,394.92	1/2	1,018.97	1/2	646.24	1/2	258.74	1/2		1/2		1/2		1/2		1/2	
3/4	1,774.40	3/4	1,386.84	3/4	1,011.21	3/4	638.17	3/4	250.66	3/4		3/4		3/4		3/4		3/4	
11	1,766.32	11	1,378.77	11	1,003.44	11	630.10	11	242.59	11		11		11		11		11	
1/4	1,758.25	1/4	1,370.69	1/4	995.68	1/4	622.02	1/4	234.51	1/4		1/4		1/4		1/4		1/4	
1/2	1,750.18	1/2	1,362.62	1/2	987.91	1/2	613.95	1/2	226.44	1/2		1/2		1/2		1/2		1/2	
3/4	1,742.10	3/4	1,354.55	3/4	980.16	3/4	605.87	3/4	218.37	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/03/2020 CL  
CALCULATED: 06/03/2020 CL  
PRINTED: 06/03/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
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# BARGE "CTC29102"

## 3 PORT ULLAGE 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	0	0	4,512.24	0	4,269.64	0	4,009.32	0	3,741.73	0	3,431.11	0	3,070.59	0	2,709.30	0	2,347.90	0	2,347.90
1/4	1/4	1/4	4,737.13	1/4	4,507.38	1/4	4,264.39	1/4	4,003.75	1/4	3,736.15	1/4	3,423.69	1/4	3,063.07	1/4	2,701.77	1/4	2,340.36
1/2	1/2	1/2	4,733.92	1/2	4,502.48	1/2	4,259.12	1/2	3,998.18	1/2	3,730.58	1/2	3,416.28	1/2	3,055.54	1/2	2,694.24	1/2	2,332.82
3/4	3/4	3/4	4,730.70	3/4	4,497.58	3/4	4,253.84	3/4	3,992.60	3/4	3,725.00	3/4	3,408.86	3/4	3,048.01	3/4	2,686.72	3/4	2,325.29
1	1	1	4,727.49	1	4,492.68	1	4,248.57	1	3,987.03	1	3,719.43	1	3,401.44	1	3,040.48	1	2,679.19	1	2,317.75
1/4	1/4	1/4	4,724.27	1/4	4,487.78	1/4	4,243.29	1/4	3,981.45	1/4	3,713.85	1/4	3,394.03	1/4	3,032.96	1/4	2,671.66	1/4	2,310.22
1/2	1/2	1/2	4,719.64	1/2	4,482.86	1/2	4,237.99	1/2	3,975.88	1/2	3,708.28	1/2	3,386.56	1/2	3,025.43	1/2	2,664.13	1/2	2,302.68
3/4	3/4	3/4	4,715.02	3/4	4,477.93	3/4	4,232.69	3/4	3,970.30	3/4	3,702.70	3/4	3,379.09	3/4	3,017.90	3/4	2,656.61	3/4	2,295.14
2	2	2	4,710.39	2	4,473.00	2	4,227.38	2	3,964.73	2	3,697.13	2	3,371.62	2	3,010.38	2	2,649.08	2	2,287.61
1/4	1/4	1/4	4,705.76	1/4	4,468.08	1/4	4,222.08	1/4	3,959.15	1/4	3,691.55	1/4	3,364.15	1/4	3,002.85	1/4	2,641.55	1/4	2,280.07
1/2	1/2	1/2	4,700.38	1/2	4,463.12	1/2	4,216.75	1/2	3,953.58	1/2	3,685.98	1/2	3,356.62	1/2	2,995.32	1/2	2,634.03	1/2	2,272.53
3/4	3/4	3/4	4,694.99	3/4	4,458.17	3/4	4,211.42	3/4	3,948.00	3/4	3,680.40	3/4	3,349.09	3/4	2,987.80	3/4	2,626.50	3/4	2,265.00
3	3	3	4,689.61	3	4,453.21	3	4,206.09	3	3,942.43	3	3,674.83	3	3,341.56	3	2,980.27	3	2,618.97	3	2,257.46
1/4	1/4	1/4	4,684.23	1/4	4,448.26	1/4	4,200.75	1/4	3,936.85	1/4	3,669.25	1/4	3,334.04	1/4	2,972.74	1/4	2,611.45	1/4	2,249.92
1/2	1/2	1/2	4,678.75	1/2	4,443.27	1/2	4,195.39	1/2	3,931.28	1/2	3,663.68	1/2	3,326.51	1/2	2,965.21	1/2	2,603.92	1/2	2,242.40
3/4	3/4	3/4	4,673.28	3/4	4,438.29	3/4	4,190.03	3/4	3,925.70	3/4	3,658.10	3/4	3,318.98	3/4	2,957.69	3/4	2,596.39	3/4	2,234.87
4	4	4	4,667.80	4	4,433.31	4	4,184.67	4	3,920.13	4	3,652.53	4	3,311.46	4	2,950.16	4	2,588.86	4	2,227.34
1/4	1/4	1/4	4,662.32	1/4	4,428.32	1/4	4,179.31	1/4	3,914.55	1/4	3,646.95	1/4	3,303.93	1/4	2,942.63	1/4	2,581.34	1/4	2,219.81
1/2	1/2	1/2	4,657.06	1/2	4,423.31	1/2	4,173.93	1/2	3,908.98	1/2	3,641.38	1/2	3,296.40	1/2	2,935.11	1/2	2,573.81	1/2	2,212.29
3/4	3/4	3/4	4,651.79	3/4	4,418.30	3/4	4,168.54	3/4	3,903.40	3/4	3,635.80	3/4	3,288.88	3/4	2,927.58	3/4	2,566.28	3/4	2,204.77
5	5	5	4,646.53	5	4,413.28	5	4,163.15	5	3,897.83	5	3,630.23	5	3,281.35	5	2,920.05	5	2,558.76	5	2,197.25
1/4	1/4	1/4	4,641.26	1/4	4,408.27	1/4	4,157.76	1/4	3,892.25	1/4	3,624.65	1/4	3,273.82	1/4	2,912.53	1/4	2,551.23	1/4	2,189.73
1/2	1/2	1/2	4,636.41	1/2	4,403.23	1/2	4,152.34	1/2	3,886.68	1/2	3,618.59	1/2	3,266.29	1/2	2,905.00	1/2	2,543.70	1/2	2,182.21
3/4	3/4	3/4	4,631.56	3/4	4,398.19	3/4	4,146.92	3/4	3,881.10	3/4	3,612.52	3/4	3,258.77	3/4	2,897.47	3/4	2,536.18	3/4	2,174.69
6	6	6	4,626.71	6	4,393.15	6	4,141.51	6	3,875.53	6	3,606.46	6	3,251.24	6	2,889.94	6	2,528.65	6	2,167.17
1/4	1/4	1/4	4,621.86	1/4	4,388.11	1/4	4,136.09	1/4	3,869.95	1/4	3,600.39	1/4	3,243.71	1/4	2,882.42	1/4	2,521.12	1/4	2,159.65
1/2	1/2	1/2	4,617.20	1/2	4,383.04	1/2	4,130.64	1/2	3,864.38	1/2	3,593.35	1/2	3,236.19	1/2	2,874.89	1/2	2,513.59	1/2	2,152.13
3/4	3/4	3/4	4,612.54	3/4	4,377.97	3/4	4,125.20	3/4	3,858.80	3/4	3,586.31	3/4	3,228.66	3/4	2,867.36	3/4	2,506.07	3/4	2,144.61
7	7	7	4,607.88	7	4,372.90	7	4,119.75	7	3,853.23	7	3,579.27	7	3,221.13	7	2,859.84	7	2,498.54	7	2,137.09
1/4	1/4	1/4	4,603.22	1/4	4,367.83	1/4	4,114.30	1/4	3,847.65	1/4	3,572.23	1/4	3,213.61	1/4	2,852.31	1/4	2,491.01	1/4	2,129.57
1/2	1/2	1/2	4,598.53	1/2	4,362.73	1/2	4,108.83	1/2	3,842.08	1/2	3,564.76	1/2	3,206.08	1/2	2,844.78	1/2	2,483.49	1/2	2,122.05
3/4	3/4	3/4	4,593.84	3/4	4,357.63	3/4	4,103.36	3/4	3,836.50	3/4	3,557.29	3/4	3,198.55	3/4	2,837.26	3/4	2,475.96	3/4	2,114.53
8	8	8	4,589.15	8	4,352.53	8	4,097.88	8	3,830.93	8	3,549.82	8	3,191.02	8	2,829.73	8	2,468.43	8	2,107.01
1/4	1/4	1/4	4,584.46	1/4	4,347.44	1/4	4,092.41	1/4	3,825.35	1/4	3,542.35	1/4	3,183.50	1/4	2,822.20	1/4	2,460.91	1/4	2,099.49
1/2	1/2	1/2	4,579.71	1/2	4,342.31	1/2	4,086.90	1/2	3,819.78	1/2	3,534.93	1/2	3,175.97	1/2	2,814.67	1/2	2,453.37	1/2	2,091.97
3/4	3/4	3/4	4,574.96	3/4	4,337.18	3/4	4,081.40	3/4	3,814.20	3/4	3,527.51	3/4	3,168.44	3/4	2,807.15	3/4	2,445.84	3/4	2,084.45
9	9	9	4,570.21	9	4,332.05	9	4,075.90	9	3,808.63	9	3,520.10	9	3,160.92	9	2,799.62	9	2,438.31	9	2,076.93
1/4	1/4	1/4	4,565.46	1/4	4,326.93	1/4	4,070.39	1/4	3,803.05	1/4	3,512.68	1/4	3,153.39	1/4	2,792.09	1/4	2,430.78	1/4	2,069.41
1/2	1/2	1/2	4,560.65	1/2	4,321.76	1/2	4,064.86	1/2	3,797.48	1/2	3,505.27	1/2	3,145.86	1/2	2,784.57	1/2	2,423.25	1/2	2,061.89
3/4	3/4	3/4	4,555.84	3/4	4,316.58	3/4	4,059.33	3/4	3,791.90	3/4	3,497.85	3/4	3,138.34	3/4	2,777.04	3/4	2,415.71	3/4	2,054.37
10	10	10	4,551.03	10	4,311.41	10	4,053.80	10	3,786.33	10	3,490.44	10	3,130.81	10	2,769.51	10	2,408.18	10	2,046.86
1/4	1/4	1/4	4,546.21	1/4	4,306.24	1/4	4,048.26	1/4	3,780.75	1/4	3,483.02	1/4	3,123.28	1/4	2,761.99	1/4	2,400.65	1/4	2,039.34
1/2	1/2	1/2	4,541.37	1/2	4,301.02	1/2	4,042.71	1/2	3,775.18	1/2	3,475.60	1/2	3,115.75	1/2	2,754.46	1/2	2,393.11	1/2	2,031.82
3/4	3/4	3/4	4,536.53	3/4	4,295.81	3/4	4,037.15	3/4	3,769.60	3/4	3,468.19	3/4	3,108.23	3/4	2,746.93	3/4	2,385.58	3/4	2,024.30
11	11	11	4,531.69	11	4,290.59	11	4,031.59	11	3,764.03	11	3,460.77	11	3,100.70	11	2,739.40	11	2,378.04	11	2,016.78
1/4	1/4	1/4	4,526.85	1/4	4,285.37	1/4	4,026.04	1/4	3,758.45	1/4	3,453.36	1/4	3,093.17	1/4	2,731.88	1/4	2,370.51	1/4	2,009.26
1/2	1/2	1/2	4,521.98	1/2	4,280.13	1/2	4,020.46	1/2	3,752.88	1/2	3,445.94	1/2	3,085.65	1/2	2,724.35	1/2	2,362.97	1/2	2,001.74
3/4	3/4	3/4	4,517.11	3/4	4,274.88	3/4	4,014.89	3/4	3,747.30	3/4	3,438.52	3/4	3,078.12	3/4	2,716.82	3/4	2,355.43	3/4	1,994.22

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "CTC29102"

## 3 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	1,986.70	0	1,625.31	0	1,263.72	0	903.90	0	550.51	0	188.79	0		0		0		0	
1/4	1,979.18	1/4	1,617.78	1/4	1,256.19	1/4	896.58	1/4	542.97	1/4	181.25	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,971.66	1/2	1,610.25	1/2	1,248.66	1/2	889.26	1/2	535.43	1/2	173.71	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,964.14	3/4	1,602.71	3/4	1,241.12	3/4	881.94	3/4	527.90	3/4	166.18	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,956.62	1	1,595.18	1	1,233.59	1	874.62	1	520.36	1	158.64	1	1	1	1	1	1	1	1
1/4	1,949.10	1/4	1,587.65	1/4	1,226.06	1/4	867.30	1/4	512.82	1/4	151.10	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,941.58	1/2	1,580.11	1/2	1,218.52	1/2	859.98	1/2	505.28	1/2	143.57	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,934.06	3/4	1,572.58	3/4	1,210.99	3/4	852.66	3/4	497.75	3/4	136.03	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,926.54	2	1,565.05	2	1,203.46	2	845.35	2	490.21	2	128.49	2	2	2	2	2	2	2	2
1/4	1,919.02	1/4	1,557.52	1/4	1,195.92	1/4	838.03	1/4	482.67	1/4	120.96	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,911.50	1/2	1,549.98	1/2	1,188.39	1/2	830.71	1/2	475.14	1/2	113.42	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,903.98	3/4	1,542.45	3/4	1,180.86	3/4	823.39	3/4	467.60	3/4	105.88	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,896.46	3	1,534.92	3	1,173.32	3	816.07	3	460.07	3	98.34	3	3	3	3	3	3	3	3
1/4	1,888.94	1/4	1,527.38	1/4	1,165.79	1/4	808.75	1/4	452.53	1/4	90.81	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,881.41	1/2	1,519.85	1/2	1,158.25	1/2	801.43	1/2	445.00	1/2	83.27	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,873.89	3/4	1,512.32	3/4	1,150.72	3/4	794.11	3/4	437.47	3/4	75.73	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,866.36	4	1,504.78	4	1,143.19	4	786.80	4	429.94	4	68.20	4	4	4	4	4	4	4	4
1/4	1,858.84	1/4	1,497.25	1/4	1,135.65	1/4	779.48	1/4	422.40	1/4	60.66	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,851.31	1/2	1,489.72	1/2	1,128.12	1/2	772.16	1/2	414.87	1/2	53.75	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,843.77	3/4	1,482.18	3/4	1,120.59	3/4	764.84	3/4	407.34	3/4	46.84	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,836.24	5	1,474.65	5	1,113.05	5	757.52	5	399.81	5	39.93	5	5	5	5	5	5	5	5
1/4	1,828.71	1/4	1,467.12	1/4	1,105.52	1/4	750.21	1/4	392.27	1/4	33.03	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,821.17	1/2	1,459.59	1/2	1,097.99	1/2	742.89	1/2	384.74	1/2	28.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,813.64	3/4	1,452.05	3/4	1,090.45	3/4	735.58	3/4	377.21	3/4	22.98	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,806.11	6	1,444.52	6	1,082.92	6	728.26	6	369.67	6	17.95	6	6	6	6	6	6	6	6
1/4	1,798.57	1/4	1,436.99	1/4	1,075.38	1/4	720.94	1/4	362.14	1/4	12.93	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,791.04	1/2	1,429.45	1/2	1,067.85	1/2	713.63	1/2	354.60	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,783.51	3/4	1,421.92	3/4	1,060.32	3/4	706.31	3/4	347.06	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,775.98	7	1,414.39	7	1,052.78	7	698.99	7	339.53	7		7	7	7	7	7	7	7	7
1/4	1,768.44	1/4	1,406.85	1/4	1,045.25	1/4	691.67	1/4	331.99	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,760.91	1/2	1,399.32	1/2	1,037.72	1/2	684.35	1/2	324.45	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,753.38	3/4	1,391.79	3/4	1,030.18	3/4	677.02	3/4	316.91	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,745.84	8	1,384.25	8	1,022.65	8	669.69	8	309.38	8		8	8	8	8	8	8	8	8
1/4	1,738.31	1/4	1,376.72	1/4	1,015.12	1/4	662.37	1/4	301.84	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,730.78	1/2	1,369.19	1/2	1,007.58	1/2	655.03	1/2	294.30	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,723.24	3/4	1,361.65	3/4	1,000.05	3/4	647.69	3/4	286.77	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,715.71	9	1,354.12	9	992.52	9	640.36	9	279.23	9		9	9	9	9	9	9	9	9
1/4	1,708.18	1/4	1,346.59	1/4	984.98	1/4	633.02	1/4	271.69	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,700.64	1/2	1,339.06	1/2	977.54	1/2	625.58	1/2	264.16	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,693.11	3/4	1,331.52	3/4	970.11	3/4	618.14	3/4	256.62	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,685.58	10	1,323.99	10	962.67	10	610.70	10	249.08	10		10	10	10	10	10	10	10	10
1/4	1,678.04	1/4	1,316.46	1/4	955.23	1/4	603.26	1/4	241.55	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,670.51	1/2	1,308.92	1/2	947.90	1/2	595.73	1/2	234.01	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,662.98	3/4	1,301.39	3/4	940.56	3/4	588.19	3/4	226.47	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,655.45	11	1,293.86	11	933.22	11	580.65	11	218.93	11		11	11	11	11	11	11	11	11
1/4	1,647.91	1/4	1,286.33	1/4	925.88	1/4	573.12	1/4	211.40	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,640.38	1/2	1,278.79	1/2	918.56	1/2	565.58	1/2	203.86	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,632.85	3/4	1,271.26	3/4	911.23	3/4	558.04	3/4	196.32	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: 06/03/2020 CL  
CALCULATED: 06/03/2020 CL  
PRINTED: 06/03/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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Pearland, Texas 77588  
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# BARGE "CTC29102"

## 3 STBD ULLAGE 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	0	0	0	0	4,500.82	0	4,257.80	0	3,997.05	0	3,728.72	0	3,419.37	0	3,059.08	0	2,697.91	0	2,336.80
1/4	1/4	1/4	1/4	1/4	4,495.93	1/4	4,252.54	1/4	3,991.47	1/4	3,723.13	1/4	3,411.96	1/4	3,051.56	1/4	2,690.38	1/4	2,329.26
1/2	1/2	1/2	1/2	1/2	4,721.57	1/2	4,491.05	1/2	4,247.28	1/2	3,985.88	1/2	3,717.54	1/2	3,404.55	1/2	3,044.04	1/2	2,682.86
3/4	3/4	3/4	3/4	3/4	4,718.35	3/4	4,486.13	3/4	4,241.98	3/4	3,980.29	3/4	3,711.95	3/4	3,397.13	3/4	3,036.51	3/4	2,675.34
1	1	1	1	1	4,715.12	1	4,481.22	1	4,236.69	1	3,974.70	1	3,706.36	1	3,389.72	1	3,028.99	1	2,667.81
1/4	1/4	1/4	1/4	1/4	4,711.89	1/4	4,476.30	1/4	4,231.40	1/4	3,969.11	1/4	3,700.77	1/4	3,382.30	1/4	3,021.46	1/4	2,660.29
1/2	1/2	1/2	1/2	1/2	4,708.66	1/2	4,471.39	1/2	4,226.11	1/2	3,963.52	1/2	3,695.17	1/2	3,374.89	1/2	3,013.94	1/2	2,652.76
3/4	3/4	3/4	3/4	3/4	4,704.02	3/4	4,466.45	3/4	4,220.80	3/4	3,957.93	3/4	3,689.58	3/4	3,367.42	3/4	3,006.41	3/4	2,645.24
2	2	2	2	2	4,699.38	2	4,461.50	2	4,215.48	2	3,952.34	2	3,683.99	2	3,359.95	2	2,998.89	2	2,637.72
1/4	1/4	1/4	1/4	1/4	4,694.73	1/4	4,456.56	1/4	4,210.16	1/4	3,946.75	1/4	3,678.40	1/4	3,352.48	1/4	2,991.36	1/4	2,630.20
1/2	1/2	1/2	1/2	1/2	4,690.09	1/2	4,451.62	1/2	4,204.84	1/2	3,941.16	1/2	3,672.81	1/2	3,345.02	1/2	2,983.84	1/2	2,622.68
3/4	3/4	3/4	3/4	3/4	4,684.69	3/4	4,446.64	3/4	4,199.49	3/4	3,935.57	3/4	3,667.22	3/4	3,337.49	3/4	2,976.32	3/4	2,615.16
3	3	3	3	3	4,679.29	3	4,441.67	3	4,194.14	3	3,929.98	3	3,661.63	3	3,329.97	3	2,968.79	3	2,607.64
1/4	1/4	1/4	1/4	1/4	4,673.90	1/4	4,436.70	1/4	4,188.80	1/4	3,924.39	1/4	3,656.04	1/4	3,322.44	1/4	2,961.27	1/4	2,600.12
1/2	1/2	1/2	1/2	1/2	4,668.50	1/2	4,431.73	1/2	4,183.45	1/2	3,918.79	1/2	3,650.45	1/2	3,314.92	1/2	2,953.74	1/2	2,592.60
3/4	3/4	3/4	3/4	3/4	4,663.01	3/4	4,426.73	3/4	4,178.07	3/4	3,913.20	3/4	3,644.86	3/4	3,307.39	3/4	2,946.22	3/4	2,585.08
4	4	4	4	4	4,657.51	4	4,421.73	4	4,172.70	4	3,907.61	4	3,639.27	4	3,299.87	4	2,938.69	4	2,577.56
1/4	1/4	1/4	1/4	1/4	4,652.02	1/4	4,416.73	1/4	4,167.32	1/4	3,902.02	1/4	3,633.68	1/4	3,292.34	1/4	2,931.17	1/4	2,570.04
1/2	1/2	1/2	1/2	1/2	4,646.53	1/2	4,411.73	1/2	4,161.95	1/2	3,896.43	1/2	3,628.09	1/2	3,284.82	1/2	2,923.64	1/2	2,562.52
3/4	3/4	3/4	3/4	3/4	4,641.25	3/4	4,406.70	3/4	4,156.54	3/4	3,890.84	3/4	3,622.50	3/4	3,277.30	3/4	2,916.12	3/4	2,555.00
5	5	5	5	5	4,635.97	5	4,401.67	5	4,151.14	5	3,885.25	5	3,616.91	5	3,269.77	5	2,908.59	5	2,547.48
1/4	1/4	1/4	1/4	1/4	4,630.69	1/4	4,396.64	1/4	4,145.73	1/4	3,879.66	1/4	3,611.32	1/4	3,262.25	1/4	2,901.07	1/4	2,539.96
1/2	1/2	1/2	1/2	1/2	4,625.40	1/2	4,391.61	1/2	4,140.33	1/2	3,874.07	1/2	3,605.73	1/2	3,254.72	1/2	2,893.55	1/2	2,532.44
3/4	3/4	3/4	3/4	3/4	4,620.54	3/4	4,386.56	3/4	4,134.89	3/4	3,868.48	3/4	3,599.65	3/4	3,247.20	3/4	2,886.02	3/4	2,524.93
6	6	6	6	6	4,615.67	6	4,381.50	6	4,129.46	6	3,862.89	6	3,593.57	6	3,239.67	6	2,878.50	6	2,517.41
1/4	1/4	1/4	1/4	1/4	4,610.80	1/4	4,376.44	1/4	4,124.03	1/4	3,857.30	1/4	3,587.49	1/4	3,232.15	1/4	2,870.97	1/4	2,509.89
1/2	1/2	1/2	1/2	1/2	4,605.94	1/2	4,371.38	1/2	4,118.59	1/2	3,851.71	1/2	3,581.41	1/2	3,224.62	1/2	2,863.45	1/2	2,502.37
3/4	3/4	3/4	3/4	3/4	4,601.26	3/4	4,366.30	3/4	4,113.13	3/4	3,846.12	3/4	3,574.36	3/4	3,217.10	3/4	2,855.92	3/4	2,494.85
7	7	7	7	7	4,596.58	7	4,361.21	7	4,107.67	7	3,840.53	7	3,567.31	7	3,209.57	7	2,848.40	7	2,487.33
1/4	1/4	1/4	1/4	1/4	4,591.90	1/4	4,356.12	1/4	4,102.21	1/4	3,834.94	1/4	3,560.25	1/4	3,202.05	1/4	2,840.87	1/4	2,479.81
1/2	1/2	1/2	1/2	1/2	4,587.23	1/2	4,351.04	1/2	4,096.75	1/2	3,829.35	1/2	3,553.20	1/2	3,194.53	1/2	2,833.35	1/2	2,472.29
3/4	3/4	3/4	3/4	3/4	4,582.52	3/4	4,345.92	3/4	4,091.26	3/4	3,823.76	3/4	3,545.72	3/4	3,187.00	3/4	2,825.83	3/4	2,464.77
8	8	8	8	8	4,577.82	8	4,340.81	8	4,085.77	8	3,818.17	8	3,538.24	8	3,179.48	8	2,818.30	8	2,457.25
1/4	1/4	1/4	1/4	1/4	4,573.11	1/4	4,335.69	1/4	4,080.27	1/4	3,812.58	1/4	3,530.76	1/4	3,171.95	1/4	2,810.78	1/4	2,449.73
1/2	1/2	1/2	1/2	1/2	4,568.40	1/2	4,330.58	1/2	4,074.78	1/2	3,806.98	1/2	3,523.28	1/2	3,164.43	1/2	2,803.25	1/2	2,442.21
3/4	3/4	3/4	3/4	3/4	4,563.64	3/4	4,325.44	3/4	4,069.27	3/4	3,801.39	3/4	3,515.86	3/4	3,156.90	3/4	2,795.73	3/4	2,434.69
9	9	9	9	9	4,558.87	9	4,320.29	9	4,063.75	9	3,795.80	9	3,508.43	9	3,149.38	9	2,788.20	9	2,427.17
1/4	1/4	1/4	1/4	1/4	4,554.10	1/4	4,315.15	1/4	4,058.23	1/4	3,790.21	1/4	3,501.01	1/4	3,141.85	1/4	2,780.68	1/4	2,419.65
1/2	1/2	1/2	1/2	1/2	4,549.33	1/2	4,310.01	1/2	4,052.71	1/2	3,784.62	1/2	3,493.58	1/2	3,134.33	1/2	2,773.15	1/2	2,412.12
3/4	3/4	3/4	3/4	3/4	4,544.51	3/4	4,304.82	3/4	4,047.16	3/4	3,779.03	3/4	3,486.15	3/4	3,126.81	3/4	2,765.63	3/4	2,404.59
10	10	10	10	10	4,539.68	10	4,299.63	10	4,041.61	10	3,773.44	10	3,478.73	10	3,119.28	10	2,758.10	10	2,397.06
1/4	1/4	1/4	1/4	1/4	4,534.85	1/4	4,294.44	1/4	4,036.07	1/4	3,767.85	1/4	3,471.30	1/4	3,111.76	1/4	2,750.58	1/4	2,389.53
1/2	1/2	1/2	1/2	1/2	4,530.02	1/2	4,289.25	1/2	4,030.52	1/2	3,762.26	1/2	3,463.88	1/2	3,104.23	1/2	2,743.06	1/2	2,382.00
3/4	3/4	3/4	3/4	3/4	4,525.16	3/4	4,284.02	3/4	4,024.95	3/4	3,756.67	3/4	3,456.46	3/4	3,096.71	3/4	2,735.53	3/4	2,374.47
11	11	11	11	11	4,520.30	11	4,278.79	11	4,019.37	11	3,751.08	11	3,449.04	11	3,089.18	11	2,728.01	11	2,366.94
1/4	1/4	1/4	1/4	1/4	4,515.45	1/4	4,273.55	1/4	4,013.80	1/4	3,745.49	1/4	3,441.62	1/4	3,081.66	1/4	2,720.48	1/4	2,359.40
1/2	1/2	1/2	1/2	1/2	4,510.59	1/2	4,268.32	1/2	4,008.23	1/2	3,739.90	1/2	3,434.20	1/2	3,074.13	1/2	2,712.96	1/2	2,351.87
3/4	3/4	3/4	3/4	3/4	4,505.70	3/4	4,263.06	3/4	4,002.64	3/4	3,734.31	3/4	3,426.79	3/4	3,066.61	3/4	2,705.43	3/4	2,344.33

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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





# BARGE "CTC29102"

## 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	1,977.13	0	1,618.86	0	1,257.48	0	900.00	0	558.29	0	196.54	0		0		0		0	
1/4	1,969.70	1/4	1,611.33	1/4	1,249.95	1/4	892.97	1/4	550.75	1/4	189.01	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,962.28	1/2	1,603.80	1/2	1,242.42	1/2	885.93	1/2	543.21	1/2	181.47	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,954.85	3/4	1,596.27	3/4	1,234.89	3/4	878.91	3/4	535.68	3/4	173.93	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,947.43	1	1,588.74	1	1,227.36	1	871.88	1	528.14	1	166.40	1	1	1	1	1	1	1	1
1/4	1,940.00	1/4	1,581.21	1/4	1,219.83	1/4	864.86	1/4	520.60	1/4	158.86	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,932.58	1/2	1,573.68	1/2	1,212.30	1/2	857.84	1/2	513.06	1/2	151.32	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,925.15	3/4	1,566.16	3/4	1,204.77	3/4	850.81	3/4	505.53	3/4	143.78	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,917.73	2	1,558.63	2	1,197.24	2	843.78	2	497.99	2	136.23	2	2	2	2	2	2	2	2
1/4	1,910.30	1/4	1,551.10	1/4	1,189.71	1/4	836.75	1/4	490.45	1/4	128.69	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,902.88	1/2	1,543.57	1/2	1,182.18	1/2	829.72	1/2	482.92	1/2	121.15	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,895.45	3/4	1,536.04	3/4	1,174.65	3/4	822.69	3/4	475.38	3/4	113.60	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,888.03	3	1,528.51	3	1,167.12	3	815.66	3	467.84	3	106.05	3	3	3	3	3	3	3	3
1/4	1,880.60	1/4	1,520.98	1/4	1,159.59	1/4	808.63	1/4	460.31	1/4	98.50	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,873.18	1/2	1,513.45	1/2	1,152.06	1/2	801.60	1/2	452.77	1/2	90.95	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,865.75	3/4	1,505.93	3/4	1,144.53	3/4	794.57	3/4	445.24	3/4	83.40	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,858.31	4	1,498.40	4	1,137.00	4	787.54	4	437.71	4	75.85	4	4	4	4	4	4	4	4
1/4	1,850.88	1/4	1,490.87	1/4	1,129.46	1/4	780.51	1/4	430.17	1/4	68.31	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,843.45	1/2	1,483.34	1/2	1,121.93	1/2	773.48	1/2	422.64	1/2	60.76	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,836.01	3/4	1,475.81	3/4	1,114.40	3/4	766.46	3/4	415.11	3/4	53.84	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,828.58	5	1,468.28	5	1,106.87	5	759.43	5	407.57	5	46.92	5	5	5	5	5	5	5	5
1/4	1,821.14	1/4	1,460.75	1/4	1,099.35	1/4	752.40	1/4	400.04	1/4	40.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,813.70	1/2	1,453.23	1/2	1,091.82	1/2	745.37	1/2	392.51	1/2	33.08	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,806.26	3/4	1,445.70	3/4	1,084.29	3/4	738.35	3/4	384.97	3/4	28.04	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,798.82	6	1,438.17	6	1,076.77	6	731.32	6	377.44	6	23.01	6	6	6	6	6	6	6	6
1/4	1,791.38	1/4	1,430.64	1/4	1,069.25	1/4	724.29	1/4	369.90	1/4	17.98	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,783.95	1/2	1,423.11	1/2	1,061.72	1/2	717.27	1/2	362.37	1/2	12.95	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,776.51	3/4	1,415.58	3/4	1,054.20	3/4	710.24	3/4	354.83	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,769.07	7	1,408.05	7	1,046.68	7	703.21	7	347.29	7		7	7	7	7	7	7	7	7
1/4	1,761.63	1/4	1,400.52	1/4	1,039.15	1/4	696.18	1/4	339.75	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,754.19	1/2	1,393.00	1/2	1,031.63	1/2	689.16	1/2	332.22	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,746.71	3/4	1,385.47	3/4	1,024.11	3/4	682.11	3/4	324.68	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,739.23	8	1,377.94	8	1,016.58	8	675.07	8	317.14	8		8	8	8	8	8	8	8	8
1/4	1,731.74	1/4	1,370.41	1/4	1,009.06	1/4	668.02	1/4	309.60	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,724.26	1/2	1,362.88	1/2	1,001.54	1/2	660.98	1/2	302.07	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,716.73	3/4	1,355.35	3/4	994.01	3/4	653.91	3/4	294.53	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,709.20	9	1,347.82	9	986.49	9	646.85	9	286.99	9		9	9	9	9	9	9	9	9
1/4	1,701.67	1/4	1,340.29	1/4	978.97	1/4	639.78	1/4	279.46	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,694.14	1/2	1,332.77	1/2	971.44	1/2	632.72	1/2	271.92	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,686.61	3/4	1,325.24	3/4	964.15	3/4	625.42	3/4	264.38	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,679.09	10	1,317.71	10	956.86	10	618.12	10	256.84	10		10	10	10	10	10	10	10	10
1/4	1,671.56	1/4	1,310.18	1/4	949.57	1/4	610.81	1/4	249.31	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,664.03	1/2	1,302.65	1/2	942.28	1/2	603.51	1/2	241.77	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,656.50	3/4	1,295.12	3/4	935.23	3/4	595.97	3/4	234.23	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,648.97	11	1,287.59	11	928.18	11	588.44	11	226.69	11		11	11	11	11	11	11	11	11
1/4	1,641.44	1/4	1,280.06	1/4	921.12	1/4	580.90	1/4	219.16	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,633.91	1/2	1,272.53	1/2	914.07	1/2	573.36	1/2	211.62	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,626.39	3/4	1,265.01	3/4	907.04	3/4	565.83	3/4	204.08	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: 06/03/2020 CL  
CALCULATED: 06/03/2020 CL  
PRINTED: 06/03/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2020

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