



# BARGE "CTC 29112"

## 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 2, 2022

PRECISION MEASUREMENT  
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 P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CTC 29112"

# 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 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	10.14	0	259.55	0	541.15	0	845.01	0	1,170.83	0	1,501.73	0	1,832.63	0	2,163.47	0	2,494.25	0	2,825.02
1/4	13.47	1/4	265.21	1/4	547.25	1/4	851.60	1/4	1,177.72	1/4	1,508.63	1/4	1,839.53	1/4	2,170.37	1/4	2,501.14	1/4	2,831.91
1/2	16.79	1/2	270.86	1/2	553.35	1/2	858.20	1/2	1,184.62	1/2	1,515.52	1/2	1,846.42	1/2	2,177.26	1/2	2,508.03	1/2	2,838.80
3/4	20.11	3/4	276.51	3/4	559.46	3/4	864.80	3/4	1,191.51	3/4	1,522.41	3/4	1,853.32	3/4	2,184.15	3/4	2,514.92	3/4	2,845.69
1	23.43	1	282.17	1	565.56	1	871.40	1	1,198.41	1	1,529.31	1	1,860.21	1	2,191.04	1	2,521.81	1	2,852.58
1/4	28.08	1/4	287.86	1/4	571.70	1/4	878.04	1/4	1,205.30	1/4	1,536.20	1/4	1,867.10	1/4	2,197.93	1/4	2,528.70	1/4	2,859.48
1/2	32.73	1/2	293.55	1/2	577.84	1/2	884.68	1/2	1,212.19	1/2	1,543.10	1/2	1,874.00	1/2	2,204.82	1/2	2,535.59	1/2	2,866.37
3/4	37.37	3/4	299.24	3/4	583.99	3/4	891.31	3/4	1,219.09	3/4	1,549.99	3/4	1,880.89	3/4	2,211.71	3/4	2,542.48	3/4	2,873.26
2	42.02	2	304.92	2	590.13	2	897.95	2	1,225.98	2	1,556.88	2	1,887.79	2	2,218.60	2	2,549.38	2	2,880.15
1/4	47.28	1/4	310.65	1/4	596.31	1/4	904.63	1/4	1,232.87	1/4	1,563.78	1/4	1,894.68	1/4	2,225.49	1/4	2,556.27	1/4	2,887.04
1/2	52.54	1/2	316.38	1/2	602.50	1/2	911.31	1/2	1,239.77	1/2	1,570.67	1/2	1,901.57	1/2	2,232.39	1/2	2,563.16	1/2	2,893.93
3/4	57.81	3/4	322.11	3/4	608.68	3/4	917.98	3/4	1,246.66	3/4	1,577.56	3/4	1,908.47	3/4	2,239.28	3/4	2,570.05	3/4	2,900.82
3	63.07	3	327.84	3	614.86	3	924.66	3	1,253.56	3	1,584.46	3	1,915.36	3	2,246.17	3	2,576.94	3	2,907.71
1/4	68.37	1/4	333.61	1/4	621.09	1/4	931.38	1/4	1,260.45	1/4	1,591.35	1/4	1,922.25	1/4	2,253.06	1/4	2,583.83	1/4	2,914.60
1/2	73.67	1/2	339.38	1/2	627.31	1/2	938.10	1/2	1,267.34	1/2	1,598.25	1/2	1,929.15	1/2	2,259.95	1/2	2,590.72	1/2	2,921.50
3/4	78.97	3/4	345.15	3/4	633.53	3/4	944.81	3/4	1,274.24	3/4	1,605.14	3/4	1,936.04	3/4	2,266.84	3/4	2,597.61	3/4	2,928.39
4	84.27	4	350.92	4	639.76	4	951.53	4	1,281.13	4	1,612.03	4	1,942.94	4	2,273.73	4	2,604.50	4	2,935.28
1/4	89.61	1/4	356.74	1/4	646.02	1/4	958.28	1/4	1,288.02	1/4	1,618.93	1/4	1,949.83	1/4	2,280.62	1/4	2,611.40	1/4	2,942.17
1/2	94.95	1/2	362.55	1/2	652.28	1/2	965.04	1/2	1,294.92	1/2	1,625.82	1/2	1,956.72	1/2	2,287.51	1/2	2,618.29	1/2	2,949.06
3/4	100.29	3/4	368.36	3/4	658.54	3/4	971.80	3/4	1,301.81	3/4	1,632.71	3/4	1,963.62	3/4	2,294.41	3/4	2,625.18	3/4	2,955.95
5	105.63	5	374.17	5	664.80	5	978.55	5	1,308.71	5	1,639.61	5	1,970.51	5	2,301.30	5	2,632.07	5	2,962.84
1/4	111.01	1/4	380.02	1/4	671.11	1/4	985.35	1/4	1,315.60	1/4	1,646.50	1/4	1,977.40	1/4	2,308.19	1/4	2,638.96	1/4	2,969.73
1/2	116.39	1/2	385.87	1/2	677.41	1/2	992.14	1/2	1,322.49	1/2	1,653.40	1/2	1,984.30	1/2	2,315.08	1/2	2,645.85	1/2	2,976.62
3/4	121.77	3/4	391.73	3/4	683.71	3/4	998.94	3/4	1,329.39	3/4	1,660.29	3/4	1,991.19	3/4	2,321.97	3/4	2,652.74	3/4	2,983.52
6	127.15	6	397.58	6	690.01	6	1,005.73	6	1,336.28	6	1,667.18	6	1,998.09	6	2,328.86	6	2,659.63	6	2,990.41
1/4	132.57	1/4	403.47	1/4	696.36	1/4	1,012.57	1/4	1,343.18	1/4	1,674.08	1/4	2,004.98	1/4	2,335.75	1/4	2,666.52	1/4	2,997.30
1/2	137.98	1/2	409.36	1/2	702.71	1/2	1,019.40	1/2	1,350.07	1/2	1,680.97	1/2	2,011.87	1/2	2,342.64	1/2	2,673.42	1/2	3,004.19
3/4	143.40	3/4	415.25	3/4	709.06	3/4	1,026.24	3/4	1,356.96	3/4	1,687.87	3/4	2,018.77	3/4	2,349.53	3/4	2,680.31	3/4	3,011.08
7	148.82	7	421.14	7	715.40	7	1,033.07	7	1,363.86	7	1,694.76	7	2,025.66	7	2,356.42	7	2,687.20	7	3,017.97
1/4	154.28	1/4	427.07	1/4	721.80	1/4	1,039.94	1/4	1,370.75	1/4	1,701.65	1/4	2,032.55	1/4	2,363.32	1/4	2,694.09	1/4	3,024.86
1/2	159.74	1/2	433.00	1/2	728.20	1/2	1,046.81	1/2	1,377.64	1/2	1,708.55	1/2	2,039.44	1/2	2,370.21	1/2	2,700.98	1/2	3,031.75
3/4	165.19	3/4	438.93	3/4	734.60	3/4	1,053.68	3/4	1,384.54	3/4	1,715.44	3/4	2,046.33	3/4	2,377.10	3/4	2,707.87	3/4	3,038.64
8	170.65	8	444.86	8	741.00	8	1,060.55	8	1,391.43	8	1,722.33	8	2,053.22	8	2,383.99	8	2,714.76	8	3,045.53
1/4	176.15	1/4	450.83	1/4	747.44	1/4	1,067.44	1/4	1,398.33	1/4	1,729.23	1/4	2,060.11	1/4	2,390.88	1/4	2,721.65	1/4	3,052.43
1/2	181.65	1/2	456.80	1/2	753.88	1/2	1,074.33	1/2	1,405.22	1/2	1,736.12	1/2	2,067.00	1/2	2,397.77	1/2	2,728.54	1/2	3,059.32
3/4	187.14	3/4	462.77	3/4	760.32	3/4	1,081.22	3/4	1,412.11	3/4	1,743.02	3/4	2,073.89	3/4	2,404.66	3/4	2,735.44	3/4	3,066.21
9	192.64	9	468.74	9	766.77	9	1,088.10	9	1,419.01	9	1,749.91	9	2,080.78	9	2,411.55	9	2,742.33	9	3,073.10
1/4	198.18	1/4	474.74	1/4	773.25	1/4	1,095.00	1/4	1,425.90	1/4	1,756.80	1/4	2,087.67	1/4	2,418.44	1/4	2,749.22	1/4	3,079.99
1/2	203.72	1/2	480.75	1/2	779.73	1/2	1,101.89	1/2	1,432.79	1/2	1,763.70	1/2	2,094.56	1/2	2,425.34	1/2	2,756.11	1/2	3,086.88
3/4	209.25	3/4	486.75	3/4	786.21	3/4	1,108.79	3/4	1,439.69	3/4	1,770.59	3/4	2,101.45	3/4	2,432.23	3/4	2,763.00	3/4	3,093.77
10	214.79	10	492.76	10	792.69	10	1,115.68	10	1,446.58	10	1,777.48	10	2,108.35	10	2,439.12	10	2,769.89	10	3,100.66
1/4	220.36	1/4	498.79	1/4	799.21	1/4	1,122.57	1/4	1,453.48	1/4	1,784.38	1/4	2,115.24	1/4	2,446.01	1/4	2,776.78	1/4	3,107.55
1/2	225.94	1/2	504.83	1/2	805.73	1/2	1,129.47	1/2	1,460.37	1/2	1,791.27	1/2	2,122.13	1/2	2,452.90	1/2	2,783.67	1/2	3,114.44
3/4	231.52	3/4	510.86	3/4	812.25	3/4	1,136.36	3/4	1,467.26	3/4	1,798.17	3/4	2,129.02	3/4	2,459.79	3/4	2,790.56	3/4	3,121.34
11	237.09	11	516.89	11	818.77	11	1,143.25	11	1,474.16	11	1,805.06	11	2,135.91	11	2,466.68	11	2,797.46	11	3,128.23
1/4	242.71	1/4	522.96	1/4	825.33	1/4	1,150.15	1/4	1,481.05	1/4	1,811.95	1/4	2,142.80	1/4	2,473.57	1/4	2,804.35	1/4	3,135.12
1/2	248.32	1/2	529.02	1/2	831.89	1/2	1,157.04	1/2	1,487.94	1/2	1,818.85	1/2	2,149.69	1/2	2,480.46	1/2	2,811.24	1/2	3,142.01
3/4	253.94	3/4	535.09	3/4	838.45	3/4	1,163.94	3/4	1,494.84	3/4	1,825.74	3/4	2,156.58	3/4	2,487.36	3/4	2,818.13	3/4	3,148.90

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
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# BARGE "CTC 29112"

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 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	3,155.79	0	3,486.56	0	3,815.99	0	4,132.38	0	4,432.35	0		0		0		0		0	
1/4	3,162.68	1/4	3,493.45	1/4	3,822.74	1/4	4,138.78	1/4	4,438.63	1/4		1/4		1/4		1/4		1/4	
1/2	3,169.57	1/2	3,500.34	1/2	3,829.48	1/2	4,145.17	1/2	4,444.91	1/2		1/2		1/2		1/2		1/2	
3/4	3,176.46	3/4	3,507.23	3/4	3,836.23	3/4	4,151.56	3/4	4,451.19	3/4		3/4		3/4		3/4		3/4	
1	3,183.35	1	3,514.12	1	3,842.98	1	4,157.96	1	4,457.47	1		1		1		1		1	
1/4	3,190.25	1/4	3,521.01	1/4	3,849.70	1/4	4,164.32	1/4	4,464.13	1/4		1/4		1/4		1/4		1/4	
1/2	3,197.14	1/2	3,527.90	1/2	3,856.42	1/2	4,170.69	1/2	4,470.78	1/2		1/2		1/2		1/2		1/2	
3/4	3,204.03	3/4	3,534.80	3/4	3,863.14	3/4	4,177.06	3/4	4,477.44	3/4		3/4		3/4		3/4		3/4	
2	3,210.92	2	3,541.69	2	3,869.86	2	4,183.42	2	4,484.10	2		2		2		2		2	
1/4	3,217.81	1/4	3,548.58	1/4	3,876.56	1/4	4,189.77	1/4	4,490.95	1/4		1/4		1/4		1/4		1/4	
1/2	3,224.70	1/2	3,555.47	1/2	3,883.25	1/2	4,196.11	1/2	4,497.80	1/2		1/2		1/2		1/2		1/2	
3/4	3,231.59	3/4	3,562.36	3/4	3,889.95	3/4	4,202.45	3/4	4,504.65	3/4		3/4		3/4		3/4		3/4	
3	3,238.48	3	3,569.25	3	3,896.64	3	4,208.79	3	4,511.50	3		3		3		3		3	
1/4	3,245.37	1/4	3,576.14	1/4	3,903.31	1/4	4,215.10	1/4	4,518.27	1/4		1/4		1/4		1/4		1/4	
1/2	3,252.26	1/2	3,583.03	1/2	3,909.98	1/2	4,221.42	1/2	4,525.03	1/2		1/2		1/2		1/2		1/2	
3/4	3,259.16	3/4	3,589.92	3/4	3,916.65	3/4	4,227.73	3/4	4,531.80	3/4		3/4		3/4		3/4		3/4	
4	3,266.05	4	3,596.81	4	3,923.31	4	4,234.05	4	4,538.56	4		4		4		4		4	
1/4	3,272.94	1/4	3,603.71	1/4	3,929.96	1/4	4,240.34	1/4	4,544.64	1/4		1/4		1/4		1/4		1/4	
1/2	3,279.83	1/2	3,610.60	1/2	3,936.60	1/2	4,246.62	1/2	4,550.72	1/2		1/2		1/2		1/2		1/2	
3/4	3,286.72	3/4	3,617.49	3/4	3,943.24	3/4	4,252.91	3/4	4,556.79	3/4		3/4		3/4		3/4		3/4	
5	3,293.61	5	3,624.38	5	3,949.88	5	4,259.20	5	4,562.87	5		5		5		5		5	
1/4	3,300.50	1/4	3,631.27	1/4	3,956.50	1/4	4,265.46	1/4	4,567.65	1/4		1/4		1/4		1/4		1/4	
1/2	3,307.39	1/2	3,638.16	1/2	3,963.12	1/2	4,271.73	1/2	4,572.43	1/2		1/2		1/2		1/2		1/2	
3/4	3,314.28	3/4	3,645.05	3/4	3,969.73	3/4	4,277.99	3/4	4,577.22	3/4		3/4		3/4		3/4		3/4	
6	3,321.17	6	3,651.94	6	3,976.35	6	4,284.25	6	4,582.00	6		6		6		6		6	
1/4	3,328.07	1/4	3,658.83	1/4	3,982.94	1/4	4,290.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,334.96	1/2	3,665.72	1/2	3,989.53	1/2	4,296.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,341.85	3/4	3,672.60	3/4	3,996.12	3/4	4,302.96	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,348.74	7	3,679.49	7	4,002.71	7	4,309.20	7		7		7		7		7		7	
1/4	3,355.63	1/4	3,686.37	1/4	4,009.27	1/4	4,315.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,362.52	1/2	3,693.24	1/2	4,015.84	1/2	4,321.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,369.41	3/4	3,700.12	3/4	4,022.40	3/4	4,327.83	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,376.30	8	3,706.99	8	4,028.96	8	4,334.04	8		8		8		8		8		8	
1/4	3,383.19	1/4	3,713.84	1/4	4,035.48	1/4	4,340.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,390.08	1/2	3,720.69	1/2	4,042.00	1/2	4,346.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,396.98	3/4	3,727.55	3/4	4,048.52	3/4	4,352.59	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,403.87	9	3,734.40	9	4,055.04	9	4,358.77	9		9		9		9		9		9	
1/4	3,410.76	1/4	3,741.22	1/4	4,061.51	1/4	4,364.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,417.65	1/2	3,748.05	1/2	4,067.98	1/2	4,371.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,424.54	3/4	3,754.87	3/4	4,074.45	3/4	4,377.25	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,431.43	10	3,761.70	10	4,080.92	10	4,383.40	10		10		10		10		10		10	
1/4	3,438.32	1/4	3,768.50	1/4	4,087.37	1/4	4,389.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,445.21	1/2	3,775.30	1/2	4,093.81	1/2	4,395.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,452.10	3/4	3,782.10	3/4	4,100.26	3/4	4,401.80	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,458.99	11	3,788.90	11	4,106.71	11	4,407.93	11		11		11		11		11		11	
1/4	3,465.89	1/4	3,795.67	1/4	4,113.12	1/4	4,414.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,472.78	1/2	3,802.44	1/2	4,119.54	1/2	4,420.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,479.67	3/4	3,809.22	3/4	4,125.96	3/4	4,426.25	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/02/2022 JS  
CALCULATED: 06/02/2022 CL  
PRINTED: 06/02/2022 SW

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2022



# BARGE "CTC 29112"

## 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	10.16	0	259.84	0	541.77	0	845.53	0	1,171.21	0	1,502.54	0	1,833.86	0	2,165.13	0	2,496.33	0	2,827.53
1/4	13.48	1/4	265.50	1/4	547.88	1/4	852.11	1/4	1,178.11	1/4	1,509.44	1/4	1,840.76	1/4	2,172.03	1/4	2,503.23	1/4	2,834.43
1/2	16.81	1/2	271.16	1/2	553.99	1/2	858.70	1/2	1,185.02	1/2	1,516.34	1/2	1,847.67	1/2	2,178.93	1/2	2,510.13	1/2	2,841.33
3/4	20.13	3/4	276.82	3/4	560.10	3/4	865.28	3/4	1,191.92	3/4	1,523.24	3/4	1,854.57	3/4	2,185.83	3/4	2,517.03	3/4	2,848.23
1	23.46	1	282.48	1	566.21	1	871.87	1	1,198.82	1	1,530.15	1	1,861.47	1	2,192.73	1	2,523.93	1	2,855.13
1/4	28.11	1/4	288.18	1/4	572.36	1/4	878.49	1/4	1,205.72	1/4	1,537.05	1/4	1,868.37	1/4	2,199.63	1/4	2,530.83	1/4	2,862.03
1/2	32.76	1/2	293.87	1/2	578.51	1/2	885.12	1/2	1,212.63	1/2	1,543.95	1/2	1,875.28	1/2	2,206.53	1/2	2,537.73	1/2	2,868.93
3/4	37.41	3/4	299.57	3/4	584.66	3/4	891.74	3/4	1,219.53	3/4	1,550.85	3/4	1,882.18	3/4	2,213.43	3/4	2,544.63	3/4	2,875.83
2	42.07	2	305.26	2	590.81	2	898.37	2	1,226.43	2	1,557.76	2	1,889.08	2	2,220.33	2	2,551.53	2	2,882.73
1/4	47.33	1/4	311.00	1/4	597.00	1/4	905.03	1/4	1,233.33	1/4	1,564.66	1/4	1,895.98	1/4	2,227.23	1/4	2,558.43	1/4	2,889.63
1/2	52.60	1/2	316.73	1/2	603.19	1/2	911.70	1/2	1,240.24	1/2	1,571.56	1/2	1,902.89	1/2	2,234.13	1/2	2,565.33	1/2	2,896.53
3/4	57.87	3/4	322.47	3/4	609.38	3/4	918.36	3/4	1,247.14	3/4	1,578.46	3/4	1,909.79	3/4	2,241.03	3/4	2,572.23	3/4	2,903.43
3	63.14	3	328.21	3	615.57	3	925.03	3	1,254.04	3	1,585.37	3	1,916.69	3	2,247.93	3	2,579.13	3	2,910.33
1/4	68.44	1/4	333.98	1/4	621.80	1/4	931.73	1/4	1,260.94	1/4	1,592.27	1/4	1,923.59	1/4	2,254.83	1/4	2,586.03	1/4	2,917.23
1/2	73.75	1/2	339.76	1/2	628.03	1/2	938.43	1/2	1,267.85	1/2	1,599.17	1/2	1,930.50	1/2	2,261.73	1/2	2,592.93	1/2	2,924.13
3/4	79.05	3/4	345.54	3/4	634.26	3/4	945.14	3/4	1,274.75	3/4	1,606.07	3/4	1,937.40	3/4	2,268.63	3/4	2,599.83	3/4	2,931.03
4	84.36	4	351.32	4	640.49	4	951.84	4	1,281.65	4	1,612.98	4	1,944.30	4	2,275.53	4	2,606.73	4	2,937.93
1/4	89.71	1/4	357.14	1/4	646.76	1/4	958.59	1/4	1,288.55	1/4	1,619.88	1/4	1,951.20	1/4	2,282.43	1/4	2,613.63	1/4	2,944.83
1/2	95.05	1/2	362.95	1/2	653.03	1/2	965.33	1/2	1,295.46	1/2	1,626.78	1/2	1,958.11	1/2	2,289.33	1/2	2,620.53	1/2	2,951.73
3/4	100.40	3/4	368.77	3/4	659.30	3/4	972.07	3/4	1,302.36	3/4	1,633.68	3/4	1,965.01	3/4	2,296.23	3/4	2,627.43	3/4	2,958.63
5	105.74	5	374.59	5	665.57	5	978.82	5	1,309.26	5	1,640.59	5	1,971.91	5	2,303.13	5	2,634.33	5	2,965.53
1/4	111.13	1/4	380.45	1/4	671.88	1/4	985.60	1/4	1,316.16	1/4	1,647.49	1/4	1,978.81	1/4	2,310.03	1/4	2,641.23	1/4	2,972.43
1/2	116.51	1/2	386.31	1/2	678.19	1/2	992.38	1/2	1,323.07	1/2	1,654.39	1/2	1,985.72	1/2	2,316.93	1/2	2,648.13	1/2	2,979.33
3/4	121.90	3/4	392.17	3/4	684.50	3/4	999.16	3/4	1,329.97	3/4	1,661.29	3/4	1,992.62	3/4	2,323.83	3/4	2,655.03	3/4	2,986.23
6	127.29	6	398.02	6	690.81	6	1,005.95	6	1,336.87	6	1,668.20	6	1,999.52	6	2,330.73	6	2,661.93	6	2,993.13
1/4	132.71	1/4	403.92	1/4	697.15	1/4	1,012.78	1/4	1,343.78	1/4	1,675.10	1/4	2,006.42	1/4	2,337.63	1/4	2,668.83	1/4	3,000.03
1/2	138.13	1/2	409.82	1/2	703.50	1/2	1,019.61	1/2	1,350.68	1/2	1,682.00	1/2	2,013.33	1/2	2,344.53	1/2	2,675.73	1/2	3,006.93
3/4	143.56	3/4	415.72	3/4	709.85	3/4	1,026.44	3/4	1,357.58	3/4	1,688.91	3/4	2,020.23	3/4	2,351.43	3/4	2,682.63	3/4	3,013.83
7	148.98	7	421.61	7	716.19	7	1,033.28	7	1,364.48	7	1,695.81	7	2,027.13	7	2,358.33	7	2,689.53	7	3,020.73
1/4	154.45	1/4	427.55	1/4	722.58	1/4	1,040.15	1/4	1,371.39	1/4	1,702.71	1/4	2,034.03	1/4	2,365.23	1/4	2,696.43	1/4	3,027.63
1/2	159.91	1/2	433.49	1/2	728.96	1/2	1,047.03	1/2	1,378.29	1/2	1,709.61	1/2	2,040.93	1/2	2,372.13	1/2	2,703.33	1/2	3,034.53
3/4	165.38	3/4	439.43	3/4	735.35	3/4	1,053.91	3/4	1,385.19	3/4	1,716.52	3/4	2,047.83	3/4	2,379.03	3/4	2,710.23	3/4	3,041.43
8	170.84	8	445.36	8	741.73	8	1,060.79	8	1,392.09	8	1,723.42	8	2,054.73	8	2,385.93	8	2,717.13	8	3,048.33
1/4	176.34	1/4	451.34	1/4	748.16	1/4	1,067.69	1/4	1,399.00	1/4	1,730.32	1/4	2,061.63	1/4	2,392.83	1/4	2,724.03	1/4	3,055.23
1/2	181.85	1/2	457.32	1/2	754.59	1/2	1,074.58	1/2	1,405.90	1/2	1,737.22	1/2	2,068.53	1/2	2,399.73	1/2	2,730.93	1/2	3,062.13
3/4	187.35	3/4	463.29	3/4	761.02	3/4	1,081.48	3/4	1,412.80	3/4	1,744.13	3/4	2,075.43	3/4	2,406.63	3/4	2,737.83	3/4	3,069.03
9	192.85	9	469.27	9	767.44	9	1,088.38	9	1,419.70	9	1,751.03	9	2,082.33	9	2,413.53	9	2,744.73	9	3,075.93
1/4	198.40	1/4	475.28	1/4	773.91	1/4	1,095.28	1/4	1,426.61	1/4	1,757.93	1/4	2,089.23	1/4	2,420.43	1/4	2,751.63	1/4	3,082.83
1/2	203.94	1/2	481.29	1/2	780.38	1/2	1,102.18	1/2	1,433.51	1/2	1,764.83	1/2	2,096.13	1/2	2,427.33	1/2	2,758.53	1/2	3,089.73
3/4	209.48	3/4	487.31	3/4	786.85	3/4	1,109.09	3/4	1,440.41	3/4	1,771.74	3/4	2,103.03	3/4	2,434.23	3/4	2,765.43	3/4	3,096.63
10	215.03	10	493.32	10	793.31	10	1,115.99	10	1,447.31	10	1,778.64	10	2,109.93	10	2,441.13	10	2,772.33	10	3,103.53
1/4	220.61	1/4	499.36	1/4	799.82	1/4	1,122.89	1/4	1,454.22	1/4	1,785.54	1/4	2,116.83	1/4	2,448.03	1/4	2,779.23	1/4	3,110.43
1/2	226.19	1/2	505.40	1/2	806.33	1/2	1,129.79	1/2	1,461.12	1/2	1,792.44	1/2	2,123.73	1/2	2,454.93	1/2	2,786.13	1/2	3,117.33
3/4	231.77	3/4	511.44	3/4	812.83	3/4	1,136.70	3/4	1,468.02	3/4	1,799.35	3/4	2,130.63	3/4	2,461.83	3/4	2,793.03	3/4	3,124.23
11	237.35	11	517.48	11	819.34	11	1,143.60	11	1,474.92	11	1,806.25	11	2,137.53	11	2,468.73	11	2,799.93	11	3,131.13
1/4	242.98	1/4	523.55	1/4	825.89	1/4	1,150.50	1/4	1,481.83	1/4	1,813.15	1/4	2,144.43	1/4	2,475.63	1/4	2,806.83	1/4	3,138.03
1/2	248.60	1/2	529.63	1/2	832.43	1/2	1,157.41	1/2	1,488.73	1/2	1,820.05	1/2	2,151.33	1/2	2,482.53	1/2	2,813.73	1/2	3,144.93
3/4	254.22	3/4	535.70	3/4	838.98	3/4	1,164.31	3/4	1,495.63	3/4	1,826.96	3/4	2,158.23	3/4	2,489.43	3/4	2,820.63	3/4	3,151.83

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "CTC 29112"

## 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,158.73	0	3,489.92	0	3,819.77	0	4,136.57	0	4,436.90	0		0		0		0		0	
1/4	3,165.63	1/4	3,496.82	1/4	3,826.53	1/4	4,142.97	1/4	4,443.19	1/4		1/4	1/4	1/4	1/4		1/4	1/4	
1/2	3,172.53	1/2	3,503.72	1/2	3,833.29	1/2	4,149.37	1/2	4,449.47	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,179.43	3/4	3,510.62	3/4	3,840.04	3/4	4,155.77	3/4	4,455.76	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,186.33	1	3,517.52	1	3,846.80	1	4,162.17	1	4,462.05	1		1		1		1		1	
1/4	3,193.23	1/4	3,524.42	1/4	3,853.53	1/4	4,168.55	1/4	4,468.71	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,200.13	1/2	3,531.32	1/2	3,860.26	1/2	4,174.92	1/2	4,475.38	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,207.03	3/4	3,538.22	3/4	3,866.99	3/4	4,181.29	3/4	4,482.05	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,213.93	2	3,545.12	2	3,873.71	2	4,187.67	2	4,488.71	2		2		2		2		2	
1/4	3,220.83	1/4	3,552.02	1/4	3,880.42	1/4	4,194.02	1/4	4,495.57	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,227.73	1/2	3,558.92	1/2	3,887.12	1/2	4,200.37	1/2	4,502.43	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,234.63	3/4	3,565.82	3/4	3,893.82	3/4	4,206.72	3/4	4,509.29	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,241.53	3	3,572.72	3	3,900.53	3	4,213.07	3	4,516.15	3		3		3		3		3	
1/4	3,248.43	1/4	3,579.62	1/4	3,907.20	1/4	4,219.39	1/4	4,522.93	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,255.33	1/2	3,586.52	1/2	3,913.88	1/2	4,225.71	1/2	4,529.70	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,262.23	3/4	3,593.42	3/4	3,920.56	3/4	4,232.03	3/4	4,536.47	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,269.13	4	3,600.32	4	3,927.24	4	4,238.36	4	4,543.25	4		4		4		4		4	
1/4	3,276.03	1/4	3,607.22	1/4	3,933.89	1/4	4,244.65	1/4	4,549.33	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,282.93	1/2	3,614.12	1/2	3,940.54	1/2	4,250.95	1/2	4,555.41	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,289.83	3/4	3,621.02	3/4	3,947.19	3/4	4,257.24	3/4	4,561.50	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,296.73	5	3,627.92	5	3,953.84	5	4,263.54	5	4,567.58	5		5		5		5		5	
1/4	3,303.62	1/4	3,634.82	1/4	3,960.46	1/4	4,269.81	1/4	4,572.37	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,310.52	1/2	3,641.72	1/2	3,967.09	1/2	4,276.08	1/2	4,577.16	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,317.42	3/4	3,648.62	3/4	3,973.71	3/4	4,282.35	3/4	4,581.95	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,324.32	6	3,655.52	6	3,980.34	6	4,288.62	6	4,586.74	6		6		6		6		6	
1/4	3,331.22	1/4	3,662.42	1/4	3,986.93	1/4	4,294.86	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,338.12	1/2	3,669.31	1/2	3,993.53	1/2	4,301.11	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,345.02	3/4	3,676.21	3/4	4,000.13	3/4	4,307.35	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,351.92	7	3,683.10	7	4,006.73	7	4,313.60	7		7		7		7		7		7	
1/4	3,358.82	1/4	3,689.98	1/4	4,013.30	1/4	4,319.81	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,365.72	1/2	3,696.87	1/2	4,019.87	1/2	4,326.03	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,372.62	3/4	3,703.75	3/4	4,026.45	3/4	4,332.25	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,379.52	8	3,710.64	8	4,033.02	8	4,338.47	8		8		8		8		8		8	
1/4	3,386.42	1/4	3,717.50	1/4	4,039.54	1/4	4,344.66	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,393.32	1/2	3,724.36	1/2	4,046.07	1/2	4,350.85	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,400.22	3/4	3,731.22	3/4	4,052.60	3/4	4,357.04	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,407.12	9	3,738.08	9	4,059.12	9	4,363.23	9		9		9		9		9		9	
1/4	3,414.02	1/4	3,744.91	1/4	4,065.60	1/4	4,369.40	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,420.92	1/2	3,751.75	1/2	4,072.08	1/2	4,375.56	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,427.82	3/4	3,758.58	3/4	4,078.56	3/4	4,381.73	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,434.72	10	3,765.41	10	4,085.04	10	4,387.89	10		10		10		10		10		10	
1/4	3,441.62	1/4	3,772.22	1/4	4,091.49	1/4	4,394.03	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,448.52	1/2	3,779.03	1/2	4,097.95	1/2	4,400.17	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,455.42	3/4	3,785.84	3/4	4,104.40	3/4	4,406.31	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,462.32	11	3,792.65	11	4,110.86	11	4,412.45	11		11		11		11		11		11	
1/4	3,469.22	1/4	3,799.43	1/4	4,117.28	1/4	4,418.56	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,476.12	1/2	3,806.21	1/2	4,123.71	1/2	4,424.67	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,483.02	3/4	3,812.99	3/4	4,130.14	3/4	4,430.79	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/02/2022 JS  
CALCULATED: 06/02/2022 CL  
PRINTED: 06/02/2022 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2022

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



# BARGE "CTC 29112"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 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	13.84	0	388.36	0	776.14	0	1,163.52	0	1,551.51	0	1,939.50	0	2,327.49	0	2,715.44	0	3,103.28	0	3,491.12
1/4	19.23	1/4	396.44	1/4	784.20	1/4	1,171.60	1/4	1,559.59	1/4	1,947.58	1/4	2,335.57	1/4	2,723.52	1/4	3,111.36	1/4	3,499.20
1/2	24.61	1/2	404.52	1/2	792.26	1/2	1,179.69	1/2	1,567.67	1/2	1,955.66	1/2	2,343.65	1/2	2,731.60	1/2	3,119.44	1/2	3,507.28
3/4	30.00	3/4	412.60	3/4	800.31	3/4	1,187.77	3/4	1,575.76	3/4	1,963.75	3/4	2,351.74	3/4	2,739.68	3/4	3,127.52	3/4	3,515.36
1	35.39	1	420.68	1	808.37	1	1,195.85	1	1,583.84	1	1,971.83	1	2,359.82	1	2,747.76	1	3,135.60	1	3,523.44
1/4	42.80	1/4	428.76	1/4	816.43	1/4	1,203.94	1/4	1,591.92	1/4	1,979.91	1/4	2,367.90	1/4	2,755.84	1/4	3,143.68	1/4	3,531.52
1/2	50.21	1/2	436.84	1/2	824.49	1/2	1,212.02	1/2	1,600.01	1/2	1,988.00	1/2	2,375.98	1/2	2,763.92	1/2	3,151.76	1/2	3,539.60
3/4	57.62	3/4	444.92	3/4	832.55	3/4	1,220.10	3/4	1,608.09	3/4	1,996.08	3/4	2,384.07	3/4	2,772.00	3/4	3,159.84	3/4	3,547.68
2	65.03	2	453.00	2	840.61	2	1,228.18	2	1,616.17	2	2,004.16	2	2,392.15	2	2,780.08	2	3,167.92	2	3,555.76
1/4	73.11	1/4	461.08	1/4	848.67	1/4	1,236.27	1/4	1,624.26	1/4	2,012.25	1/4	2,400.23	1/4	2,788.16	1/4	3,176.00	1/4	3,563.84
1/2	81.20	1/2	469.16	1/2	856.74	1/2	1,244.35	1/2	1,632.34	1/2	2,020.33	1/2	2,408.32	1/2	2,796.24	1/2	3,184.08	1/2	3,571.92
3/4	89.28	3/4	477.23	3/4	864.80	3/4	1,252.43	3/4	1,640.42	3/4	2,028.41	3/4	2,416.40	3/4	2,804.32	3/4	3,192.16	3/4	3,580.00
3	97.36	3	485.31	3	872.86	3	1,260.52	3	1,648.51	3	2,036.49	3	2,424.48	3	2,812.40	3	3,200.24	3	3,588.08
1/4	105.45	1/4	493.39	1/4	880.92	1/4	1,268.60	1/4	1,656.59	1/4	2,044.58	1/4	2,432.57	1/4	2,820.48	1/4	3,208.32	1/4	3,596.16
1/2	113.53	1/2	501.48	1/2	888.98	1/2	1,276.68	1/2	1,664.67	1/2	2,052.66	1/2	2,440.65	1/2	2,828.56	1/2	3,216.40	1/2	3,604.24
3/4	121.61	3/4	509.56	3/4	897.04	3/4	1,284.77	3/4	1,672.75	3/4	2,060.74	3/4	2,448.73	3/4	2,836.64	3/4	3,224.48	3/4	3,612.32
4	129.70	4	517.64	4	905.10	4	1,292.85	4	1,680.84	4	2,068.83	4	2,456.82	4	2,844.72	4	3,232.56	4	3,620.40
1/4	137.78	1/4	525.72	1/4	913.17	1/4	1,300.93	1/4	1,688.92	1/4	2,076.91	1/4	2,464.90	1/4	2,852.80	1/4	3,240.64	1/4	3,628.48
1/2	145.86	1/2	533.81	1/2	921.23	1/2	1,309.02	1/2	1,697.00	1/2	2,084.99	1/2	2,472.98	1/2	2,860.88	1/2	3,248.72	1/2	3,636.56
3/4	153.95	3/4	541.89	3/4	929.29	3/4	1,317.10	3/4	1,705.09	3/4	2,093.08	3/4	2,481.06	3/4	2,868.96	3/4	3,256.80	3/4	3,644.64
5	162.03	5	549.97	5	937.35	5	1,325.18	5	1,713.17	5	2,101.16	5	2,489.15	5	2,877.04	5	3,264.88	5	3,652.73
1/4	170.11	1/4	558.06	1/4	945.41	1/4	1,333.26	1/4	1,721.25	1/4	2,109.24	1/4	2,497.23	1/4	2,885.12	1/4	3,272.96	1/4	3,660.81
1/2	178.20	1/2	566.14	1/2	953.47	1/2	1,341.35	1/2	1,729.34	1/2	2,117.33	1/2	2,505.31	1/2	2,893.20	1/2	3,281.04	1/2	3,668.89
3/4	186.28	3/4	574.22	3/4	961.53	3/4	1,349.43	3/4	1,737.42	3/4	2,125.41	3/4	2,513.40	3/4	2,901.28	3/4	3,289.12	3/4	3,676.97
6	194.36	6	582.31	6	969.59	6	1,357.51	6	1,745.50	6	2,133.49	6	2,521.48	6	2,909.36	6	3,297.20	6	3,685.05
1/4	202.44	1/4	590.39	1/4	977.66	1/4	1,365.60	1/4	1,753.59	1/4	2,141.57	1/4	2,529.56	1/4	2,917.44	1/4	3,305.28	1/4	3,693.13
1/2	210.53	1/2	598.47	1/2	985.73	1/2	1,373.68	1/2	1,761.67	1/2	2,149.66	1/2	2,537.65	1/2	2,925.52	1/2	3,313.36	1/2	3,701.21
3/4	218.61	3/4	606.56	3/4	993.80	3/4	1,381.76	3/4	1,769.75	3/4	2,157.74	3/4	2,545.73	3/4	2,933.60	3/4	3,321.44	3/4	3,709.29
7	226.69	7	614.64	7	1,001.87	7	1,389.85	7	1,777.84	7	2,165.82	7	2,553.81	7	2,941.68	7	3,329.52	7	3,717.37
1/4	234.78	1/4	622.72	1/4	1,009.95	1/4	1,397.93	1/4	1,785.92	1/4	2,173.91	1/4	2,561.90	1/4	2,949.76	1/4	3,337.60	1/4	3,725.45
1/2	242.86	1/2	630.81	1/2	1,018.03	1/2	1,406.01	1/2	1,794.00	1/2	2,181.99	1/2	2,569.99	1/2	2,957.84	1/2	3,345.68	1/2	3,733.53
3/4	250.94	3/4	638.89	3/4	1,026.11	3/4	1,414.10	3/4	1,802.08	3/4	2,190.07	3/4	2,578.07	3/4	2,965.92	3/4	3,353.76	3/4	3,741.61
8	259.03	8	646.97	8	1,034.19	8	1,422.18	8	1,810.17	8	2,198.16	8	2,586.16	8	2,974.00	8	3,361.84	8	3,749.69
1/4	267.11	1/4	655.05	1/4	1,042.27	1/4	1,430.26	1/4	1,818.25	1/4	2,206.24	1/4	2,594.24	1/4	2,982.08	1/4	3,369.92	1/4	3,757.76
1/2	275.19	1/2	663.14	1/2	1,050.36	1/2	1,438.34	1/2	1,826.33	1/2	2,214.32	1/2	2,602.32	1/2	2,990.16	1/2	3,378.00	1/2	3,765.84
3/4	283.28	3/4	671.22	3/4	1,058.44	3/4	1,446.43	3/4	1,834.42	3/4	2,222.41	3/4	2,610.40	3/4	2,998.24	3/4	3,386.08	3/4	3,773.92
9	291.36	9	679.30	9	1,066.52	9	1,454.51	9	1,842.50	9	2,230.49	9	2,618.48	9	3,006.32	9	3,394.16	9	3,782.00
1/4	299.44	1/4	687.38	1/4	1,074.61	1/4	1,462.59	1/4	1,850.58	1/4	2,238.57	1/4	2,626.56	1/4	3,014.40	1/4	3,402.24	1/4	3,790.08
1/2	307.53	1/2	695.46	1/2	1,082.69	1/2	1,470.68	1/2	1,858.67	1/2	2,246.65	1/2	2,634.64	1/2	3,022.48	1/2	3,410.32	1/2	3,798.16
3/4	315.61	3/4	703.54	3/4	1,090.77	3/4	1,478.76	3/4	1,866.75	3/4	2,254.74	3/4	2,642.72	3/4	3,030.56	3/4	3,418.40	3/4	3,806.24
10	323.69	10	711.62	10	1,098.85	10	1,486.84	10	1,874.83	10	2,262.82	10	2,650.80	10	3,038.64	10	3,426.48	10	3,814.32
1/4	331.78	1/4	719.69	1/4	1,106.94	1/4	1,494.93	1/4	1,882.92	1/4	2,270.90	1/4	2,658.88	1/4	3,046.72	1/4	3,434.56	1/4	3,822.40
1/2	339.86	1/2	727.76	1/2	1,115.02	1/2	1,503.01	1/2	1,891.00	1/2	2,278.99	1/2	2,666.96	1/2	3,054.80	1/2	3,442.64	1/2	3,830.48
3/4	347.94	3/4	735.83	3/4	1,123.10	3/4	1,511.09	3/4	1,899.08	3/4	2,287.07	3/4	2,675.04	3/4	3,062.88	3/4	3,450.72	3/4	3,838.56
11	356.03	11	743.90	11	1,131.19	11	1,519.18	11	1,907.16	11	2,295.15	11	2,683.12	11	3,070.96	11	3,458.80	11	3,846.64
1/4	364.11	1/4	751.96	1/4	1,139.27	1/4	1,527.26	1/4	1,915.25	1/4	2,303.24	1/4	2,691.20	1/4	3,079.04	1/4	3,466.88	1/4	3,854.72
1/2	372.19	1/2	760.02	1/2	1,147.35	1/2	1,535.34	1/2	1,923.33	1/2	2,311.32	1/2	2,699.28	1/2	3,087.12	1/2	3,474.96	1/2	3,862.80
3/4	380.28	3/4	768.08	3/4	1,155.44	3/4	1,543.43	3/4	1,931.41	3/4	2,319.40	3/4	2,707.36	3/4	3,095.20	3/4	3,483.04	3/4	3,870.88

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "CTC 29112"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 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	3,878.96	0	4,266.80	0	4,653.07	0	5,024.04	0	5,375.73	0		0		0		0		0	
1/4	3,887.04	1/4	4,274.88	1/4	4,660.99	1/4	5,031.54	1/4	5,383.09	1/4		1/4		1/4		1/4		1/4	
1/2	3,895.12	1/2	4,282.96	1/2	4,668.90	1/2	5,039.03	1/2	5,390.45	1/2		1/2		1/2		1/2		1/2	
3/4	3,903.20	3/4	4,291.04	3/4	4,676.81	3/4	5,046.53	3/4	5,397.81	3/4		3/4		3/4		3/4		3/4	
1	3,911.28	1	4,299.12	1	4,684.72	1	5,054.03	1	5,405.17	1		1		1		1		1	
1/4	3,919.36	1/4	4,307.20	1/4	4,692.60	1/4	5,061.49	1/4	5,412.98	1/4		1/4		1/4		1/4		1/4	
1/2	3,927.44	1/2	4,315.28	1/2	4,700.48	1/2	5,068.96	1/2	5,420.79	1/2		1/2		1/2		1/2		1/2	
3/4	3,935.52	3/4	4,323.36	3/4	4,708.36	3/4	5,076.42	3/4	5,428.59	3/4		3/4		3/4		3/4		3/4	
2	3,943.60	2	4,331.44	2	4,716.24	2	5,083.89	2	5,436.40	2		2		2		2		2	
1/4	3,951.68	1/4	4,339.52	1/4	4,724.09	1/4	5,091.32	1/4	5,444.43	1/4		1/4		1/4		1/4		1/4	
1/2	3,959.76	1/2	4,347.60	1/2	4,731.94	1/2	5,098.75	1/2	5,452.47	1/2		1/2		1/2		1/2		1/2	
3/4	3,967.84	3/4	4,355.68	3/4	4,739.79	3/4	5,106.19	3/4	5,460.50	3/4		3/4		3/4		3/4		3/4	
3	3,975.92	3	4,363.76	3	4,747.64	3	5,113.62	3	5,468.53	3		3		3		3		3	
1/4	3,984.00	1/4	4,371.84	1/4	4,755.46	1/4	5,121.03	1/4	5,476.46	1/4		1/4		1/4		1/4		1/4	
1/2	3,992.08	1/2	4,379.92	1/2	4,763.28	1/2	5,128.43	1/2	5,484.40	1/2		1/2		1/2		1/2		1/2	
3/4	4,000.16	3/4	4,388.00	3/4	4,771.10	3/4	5,135.83	3/4	5,492.33	3/4		3/4		3/4		3/4		3/4	
4	4,008.24	4	4,396.08	4	4,778.92	4	5,143.24	4	5,500.26	4		4		4		4		4	
1/4	4,016.32	1/4	4,404.16	1/4	4,786.70	1/4	5,150.61	1/4	5,507.39	1/4		1/4		1/4		1/4		1/4	
1/2	4,024.40	1/2	4,412.24	1/2	4,794.49	1/2	5,157.98	1/2	5,514.51	1/2		1/2		1/2		1/2		1/2	
3/4	4,032.48	3/4	4,420.32	3/4	4,802.28	3/4	5,165.36	3/4	5,521.63	3/4		3/4		3/4		3/4		3/4	
5	4,040.56	5	4,428.40	5	4,810.07	5	5,172.73	5	5,528.76	5		5		5		5		5	
1/4	4,048.64	1/4	4,436.48	1/4	4,817.83	1/4	5,180.07	1/4	5,534.37	1/4		1/4		1/4		1/4		1/4	
1/2	4,056.72	1/2	4,444.56	1/2	4,825.58	1/2	5,187.41	1/2	5,539.97	1/2		1/2		1/2		1/2		1/2	
3/4	4,064.80	3/4	4,452.64	3/4	4,833.34	3/4	5,194.75	3/4	5,545.58	3/4		3/4		3/4		3/4		3/4	
6	4,072.88	6	4,460.72	6	4,841.10	6	5,202.10	6	5,551.19	6		6		6		6		6	
1/4	4,080.96	1/4	4,468.79	1/4	4,848.83	1/4	5,209.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,089.04	1/2	4,476.87	1/2	4,856.55	1/2	5,216.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,097.12	3/4	4,484.95	3/4	4,864.28	3/4	5,224.03	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,105.20	7	4,493.03	7	4,872.01	7	5,231.34	7		7		7		7		7		7	
1/4	4,113.28	1/4	4,501.09	1/4	4,879.70	1/4	5,238.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,121.36	1/2	4,509.15	1/2	4,887.40	1/2	5,245.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,129.44	3/4	4,517.21	3/4	4,895.10	3/4	5,253.18	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,137.52	8	4,525.27	8	4,902.79	8	5,260.46	8		8		8		8		8		8	
1/4	4,145.60	1/4	4,533.30	1/4	4,910.43	1/4	5,267.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,153.68	1/2	4,541.34	1/2	4,918.08	1/2	5,274.96	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,161.76	3/4	4,549.37	3/4	4,925.72	3/4	5,282.21	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,169.84	9	4,557.40	9	4,933.36	9	5,289.47	9		9		9		9		9		9	
1/4	4,177.92	1/4	4,565.41	1/4	4,940.95	1/4	5,296.68	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,186.00	1/2	4,573.41	1/2	4,948.53	1/2	5,303.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,194.08	3/4	4,581.41	3/4	4,956.12	3/4	5,311.12	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,202.16	10	4,589.42	10	4,963.71	10	5,318.34	10		10		10		10		10		10	
1/4	4,210.24	1/4	4,597.39	1/4	4,971.27	1/4	5,325.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,218.32	1/2	4,605.36	1/2	4,978.82	1/2	5,332.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,226.40	3/4	4,613.33	3/4	4,986.38	3/4	5,339.91	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,234.48	11	4,621.31	11	4,993.94	11	5,347.10	11		11		11		11		11		11	
1/4	4,242.56	1/4	4,629.25	1/4	5,001.46	1/4	5,354.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,250.64	1/2	4,637.19	1/2	5,008.99	1/2	5,361.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,258.72	3/4	4,645.13	3/4	5,016.52	3/4	5,368.57	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/02/2022 JS  
CALCULATED: 06/02/2022 CL  
PRINTED: 06/02/2022 SW

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2022



# BARGE "CTC 29112"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	13.85	0	388.83	0	772.80	0	1,145.95	0	1,527.68	0	1,916.14	0	2,304.61	0	2,693.02	0	3,081.34	0	3,469.66
1/4	19.25	1/4	396.92	1/4	780.56	1/4	1,153.74	1/4	1,535.77	1/4	1,924.23	1/4	2,312.70	1/4	2,701.11	1/4	3,089.43	1/4	3,477.74
1/2	24.64	1/2	405.01	1/2	788.32	1/2	1,161.53	1/2	1,543.86	1/2	1,932.33	1/2	2,320.79	1/2	2,709.20	1/2	3,097.52	1/2	3,485.83
3/4	30.04	3/4	413.11	3/4	796.08	3/4	1,169.31	3/4	1,551.96	3/4	1,940.42	3/4	2,328.88	3/4	2,717.29	3/4	3,105.61	3/4	3,493.92
1	35.44	1	421.20	1	803.85	1	1,177.10	1	1,560.05	1	1,948.51	1	2,336.98	1	2,725.38	1	3,113.70	1	3,502.01
1/4	42.85	1/4	429.29	1/4	811.61	1/4	1,184.89	1/4	1,568.14	1/4	1,956.61	1/4	2,345.07	1/4	2,733.47	1/4	3,121.79	1/4	3,510.10
1/2	50.27	1/2	437.37	1/2	819.37	1/2	1,192.67	1/2	1,576.24	1/2	1,964.70	1/2	2,353.16	1/2	2,741.56	1/2	3,129.88	1/2	3,518.19
3/4	57.69	3/4	445.46	3/4	827.14	3/4	1,200.46	3/4	1,584.33	3/4	1,972.79	3/4	2,361.26	3/4	2,749.65	3/4	3,137.97	3/4	3,526.28
2	65.11	2	453.55	2	834.90	2	1,208.25	2	1,592.42	2	1,980.89	2	2,369.35	2	2,757.74	2	3,146.06	2	3,534.37
1/4	73.20	1/4	461.64	1/4	842.67	1/4	1,216.03	1/4	1,600.51	1/4	1,988.98	1/4	2,377.44	1/4	2,765.83	1/4	3,154.15	1/4	3,542.46
1/2	81.30	1/2	469.73	1/2	850.43	1/2	1,223.82	1/2	1,608.61	1/2	1,997.07	1/2	2,385.54	1/2	2,773.92	1/2	3,162.24	1/2	3,550.55
3/4	89.39	3/4	477.82	3/4	858.20	3/4	1,231.61	3/4	1,616.70	3/4	2,005.16	3/4	2,393.63	3/4	2,782.01	3/4	3,170.33	3/4	3,558.64
3	97.48	3	485.91	3	865.96	3	1,239.39	3	1,624.79	3	2,013.26	3	2,401.72	3	2,790.10	3	3,178.42	3	3,566.73
1/4	105.57	1/4	494.00	1/4	873.73	1/4	1,247.18	1/4	1,632.89	1/4	2,021.35	1/4	2,409.81	1/4	2,798.19	1/4	3,186.51	1/4	3,574.82
1/2	113.67	1/2	502.09	1/2	881.49	1/2	1,254.97	1/2	1,640.98	1/2	2,029.44	1/2	2,417.91	1/2	2,806.28	1/2	3,194.60	1/2	3,582.91
3/4	121.76	3/4	510.18	3/4	889.26	3/4	1,262.75	3/4	1,649.07	3/4	2,037.54	3/4	2,426.00	3/4	2,814.37	3/4	3,202.69	3/4	3,591.00
4	129.85	4	518.27	4	897.02	4	1,270.54	4	1,657.17	4	2,045.63	4	2,434.09	4	2,822.46	4	3,210.78	4	3,599.09
1/4	137.95	1/4	526.37	1/4	904.79	1/4	1,278.33	1/4	1,665.26	1/4	2,053.72	1/4	2,442.19	1/4	2,830.55	1/4	3,218.87	1/4	3,607.18
1/2	146.04	1/2	534.46	1/2	912.55	1/2	1,286.11	1/2	1,673.35	1/2	2,061.82	1/2	2,450.28	1/2	2,838.64	1/2	3,226.96	1/2	3,615.28
3/4	154.13	3/4	542.55	3/4	920.32	3/4	1,293.90	3/4	1,681.44	3/4	2,069.91	3/4	2,458.37	3/4	2,846.73	3/4	3,235.05	3/4	3,623.37
5	162.23	5	550.64	5	928.08	5	1,301.69	5	1,689.54	5	2,078.00	5	2,466.47	5	2,854.82	5	3,243.14	5	3,631.46
1/4	170.32	1/4	558.74	1/4	935.84	1/4	1,309.63	1/4	1,697.63	1/4	2,086.09	1/4	2,474.56	1/4	2,862.91	1/4	3,251.23	1/4	3,639.55
1/2	178.41	1/2	566.83	1/2	943.61	1/2	1,317.57	1/2	1,705.72	1/2	2,094.19	1/2	2,482.65	1/2	2,871.00	1/2	3,259.32	1/2	3,647.64
3/4	186.50	3/4	574.92	3/4	951.37	3/4	1,325.51	3/4	1,713.82	3/4	2,102.28	3/4	2,490.74	3/4	2,879.09	3/4	3,267.41	3/4	3,655.73
6	194.60	6	583.02	6	959.14	6	1,333.45	6	1,721.91	6	2,110.37	6	2,498.84	6	2,887.18	6	3,275.50	6	3,663.82
1/4	202.69	1/4	591.11	1/4	966.91	1/4	1,341.54	1/4	1,730.00	1/4	2,118.47	1/4	2,506.93	1/4	2,895.27	1/4	3,283.59	1/4	3,671.91
1/2	210.78	1/2	599.20	1/2	974.68	1/2	1,349.63	1/2	1,738.10	1/2	2,126.56	1/2	2,515.02	1/2	2,903.36	1/2	3,291.68	1/2	3,680.00
3/4	218.88	3/4	607.30	3/4	982.46	3/4	1,357.72	3/4	1,746.19	3/4	2,134.65	3/4	2,523.12	3/4	2,911.45	3/4	3,299.77	3/4	3,688.09
7	226.97	7	615.39	7	990.23	7	1,365.82	7	1,754.28	7	2,142.75	7	2,531.21	7	2,919.54	7	3,307.86	7	3,696.18
1/4	235.06	1/4	623.48	1/4	998.01	1/4	1,373.91	1/4	1,762.37	1/4	2,150.84	1/4	2,539.30	1/4	2,927.63	1/4	3,315.95	1/4	3,704.27
1/2	243.16	1/2	631.57	1/2	1,005.80	1/2	1,382.00	1/2	1,770.47	1/2	2,158.93	1/2	2,547.40	1/2	2,935.72	1/2	3,324.04	1/2	3,712.36
3/4	251.25	3/4	639.67	3/4	1,013.58	3/4	1,390.10	3/4	1,778.56	3/4	2,167.02	3/4	2,555.49	3/4	2,943.81	3/4	3,332.13	3/4	3,720.45
8	259.34	8	647.76	8	1,021.36	8	1,398.19	8	1,786.65	8	2,175.12	8	2,563.59	8	2,951.90	8	3,340.22	8	3,728.54
1/4	267.43	1/4	655.70	1/4	1,029.15	1/4	1,406.28	1/4	1,794.75	1/4	2,183.21	1/4	2,571.68	1/4	2,959.99	1/4	3,348.31	1/4	3,736.63
1/2	275.53	1/2	663.64	1/2	1,036.94	1/2	1,414.38	1/2	1,802.84	1/2	2,191.30	1/2	2,579.77	1/2	2,968.08	1/2	3,356.40	1/2	3,744.72
3/4	283.62	3/4	671.58	3/4	1,044.72	3/4	1,422.47	3/4	1,810.93	3/4	2,199.40	3/4	2,587.86	3/4	2,976.17	3/4	3,364.49	3/4	3,752.81
9	291.71	9	679.52	9	1,052.51	9	1,430.56	9	1,819.03	9	2,207.49	9	2,595.95	9	2,984.26	9	3,372.58	9	3,760.90
1/4	299.81	1/4	687.30	1/4	1,060.30	1/4	1,438.65	1/4	1,827.12	1/4	2,215.58	1/4	2,604.04	1/4	2,992.35	1/4	3,380.67	1/4	3,768.99
1/2	307.90	1/2	695.09	1/2	1,068.08	1/2	1,446.75	1/2	1,835.21	1/2	2,223.68	1/2	2,612.13	1/2	3,000.44	1/2	3,388.76	1/2	3,777.08
3/4	315.99	3/4	702.87	3/4	1,075.87	3/4	1,454.84	3/4	1,843.30	3/4	2,231.77	3/4	2,620.22	3/4	3,008.53	3/4	3,396.85	3/4	3,785.16
10	324.09	10	710.65	10	1,083.66	10	1,462.93	10	1,851.40	10	2,239.86	10	2,628.31	10	3,016.62	10	3,404.94	10	3,793.25
1/4	332.18	1/4	718.43	1/4	1,091.44	1/4	1,471.03	1/4	1,859.49	1/4	2,247.95	1/4	2,636.40	1/4	3,024.71	1/4	3,413.03	1/4	3,801.34
1/2	340.27	1/2	726.20	1/2	1,099.23	1/2	1,479.12	1/2	1,867.58	1/2	2,256.05	1/2	2,644.49	1/2	3,032.80	1/2	3,421.12	1/2	3,809.43
3/4	348.36	3/4	733.97	3/4	1,107.02	3/4	1,487.21	3/4	1,875.68	3/4	2,264.14	3/4	2,652.58	3/4	3,040.89	3/4	3,429.21	3/4	3,817.52
11	356.46	11	741.74	11	1,114.80	11	1,495.31	11	1,883.77	11	2,272.23	11	2,660.67	11	3,048.98	11	3,437.30	11	3,825.61
1/4	364.55	1/4	749.51	1/4	1,122.59	1/4	1,503.40	1/4	1,891.86	1/4	2,280.33	1/4	2,668.76	1/4	3,057.07	1/4	3,445.39	1/4	3,833.70
1/2	372.64	1/2	757.27	1/2	1,130.38	1/2	1,511.49	1/2	1,899.96	1/2	2,288.42	1/2	2,676.84	1/2	3,065.16	1/2	3,453.48	1/2	3,841.79
3/4	380.74	3/4	765.03	3/4	1,138.17	3/4	1,519.58	3/4	1,908.05	3/4	2,296.51	3/4	2,684.93	3/4	3,073.25	3/4	3,461.57	3/4	3,849.88

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "CTC 29112"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,857.97	0	4,246.28	0	4,633.03	0	5,004.47	0	5,356.62	0		0		0		0		0	
1/4	3,866.06	1/4	4,254.37	1/4	4,640.95	1/4	5,011.97	1/4	5,363.99	1/4		1/4		1/4		1/4		1/4	
1/2	3,874.15	1/2	4,262.46	1/2	4,648.87	1/2	5,019.48	1/2	5,371.36	1/2		1/2		1/2		1/2		1/2	
3/4	3,882.24	3/4	4,270.55	3/4	4,656.79	3/4	5,026.98	3/4	5,378.73	3/4		3/4		3/4		3/4		3/4	
1	3,890.33	1	4,278.64	1	4,664.71	1	5,034.49	1	5,386.10	1		1		1		1		1	
1/4	3,898.42	1/4	4,286.73	1/4	4,672.60	1/4	5,041.96	1/4	5,393.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,906.51	1/2	4,294.82	1/2	4,680.49	1/2	5,049.44	1/2	5,401.73	1/2		1/2		1/2		1/2		1/2	
3/4	3,914.60	3/4	4,302.91	3/4	4,688.39	3/4	5,056.91	3/4	5,409.55	3/4		3/4		3/4		3/4		3/4	
2	3,922.69	2	4,311.00	2	4,696.28	2	5,064.39	2	5,417.36	2		2		2		2		2	
1/4	3,930.78	1/4	4,319.09	1/4	4,704.13	1/4	5,071.83	1/4	5,425.41	1/4		1/4		1/4		1/4		1/4	
1/2	3,938.87	1/2	4,327.18	1/2	4,711.99	1/2	5,079.28	1/2	5,433.45	1/2		1/2		1/2		1/2		1/2	
3/4	3,946.96	3/4	4,335.27	3/4	4,719.85	3/4	5,086.72	3/4	5,441.49	3/4		3/4		3/4		3/4		3/4	
3	3,955.05	3	4,343.36	3	4,727.71	3	5,094.16	3	5,449.54	3		3		3		3		3	
1/4	3,963.14	1/4	4,351.45	1/4	4,735.54	1/4	5,101.58	1/4	5,457.48	1/4		1/4		1/4		1/4		1/4	
1/2	3,971.23	1/2	4,359.54	1/2	4,743.37	1/2	5,108.99	1/2	5,465.42	1/2		1/2		1/2		1/2		1/2	
3/4	3,979.32	3/4	4,367.63	3/4	4,751.20	3/4	5,116.40	3/4	5,473.36	3/4		3/4		3/4		3/4		3/4	
4	3,987.41	4	4,375.72	4	4,759.03	4	5,123.82	4	5,481.30	4		4		4		4		4	
1/4	3,995.50	1/4	4,383.81	1/4	4,766.83	1/4	5,131.20	1/4	5,488.43	1/4		1/4		1/4		1/4		1/4	
1/2	4,003.59	1/2	4,391.90	1/2	4,774.62	1/2	5,138.58	1/2	5,495.57	1/2		1/2		1/2		1/2		1/2	
3/4	4,011.68	3/4	4,399.99	3/4	4,782.42	3/4	5,145.96	3/4	5,502.70	3/4		3/4		3/4		3/4		3/4	
5	4,019.77	5	4,408.08	5	4,790.22	5	5,153.35	5	5,509.83	5		5		5		5		5	
1/4	4,027.86	1/4	4,416.17	1/4	4,797.99	1/4	5,160.70	1/4	5,515.44	1/4		1/4		1/4		1/4		1/4	
1/2	4,035.95	1/2	4,424.26	1/2	4,805.76	1/2	5,168.05	1/2	5,521.06	1/2		1/2		1/2		1/2		1/2	
3/4	4,044.04	3/4	4,432.35	3/4	4,813.52	3/4	5,175.40	3/4	5,526.67	3/4		3/4		3/4		3/4		3/4	
6	4,052.13	6	4,440.44	6	4,821.29	6	5,182.75	6	5,532.29	6		6		6		6		6	
1/4	4,060.22	1/4	4,448.53	1/4	4,829.03	1/4	5,190.07	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,068.31	1/2	4,456.61	1/2	4,836.76	1/2	5,197.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,076.40	3/4	4,464.70	3/4	4,844.50	3/4	5,204.72	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,084.49	7	4,472.79	7	4,852.24	7	5,212.04	7		7		7		7		7		7	
1/4	4,092.58	1/4	4,480.86	1/4	4,859.94	1/4	5,219.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,100.67	1/2	4,488.93	1/2	4,867.65	1/2	5,226.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,108.76	3/4	4,497.00	3/4	4,875.36	3/4	5,233.91	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,116.85	8	4,505.07	8	4,883.06	8	5,241.20	8		8		8		8		8		8	
1/4	4,124.94	1/4	4,513.11	1/4	4,890.71	1/4	5,248.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,133.03	1/2	4,521.16	1/2	4,898.36	1/2	5,255.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,141.12	3/4	4,529.20	3/4	4,906.02	3/4	5,262.98	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,149.21	9	4,537.24	9	4,913.67	9	5,270.24	9		9		9		9		9		9	
1/4	4,157.30	1/4	4,545.26	1/4	4,921.27	1/4	5,277.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,165.39	1/2	4,553.27	1/2	4,928.86	1/2	5,284.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,173.48	3/4	4,561.28	3/4	4,936.46	3/4	5,291.92	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,181.57	10	4,569.29	10	4,944.06	10	5,299.15	10		10		10		10		10		10	
1/4	4,189.65	1/4	4,577.28	1/4	4,951.62	1/4	5,306.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,197.74	1/2	4,585.26	1/2	4,959.19	1/2	5,313.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,205.83	3/4	4,593.24	3/4	4,966.76	3/4	5,320.75	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,213.92	11	4,601.22	11	4,974.32	11	5,327.95	11		11		11		11		11		11	
1/4	4,222.01	1/4	4,609.18	1/4	4,981.86	1/4	5,335.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,230.10	1/2	4,617.13	1/2	4,989.40	1/2	5,342.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,238.19	3/4	4,625.08	3/4	4,996.93	3/4	5,349.45	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/02/2022 JS  
CALCULATED: 06/02/2022 CL  
PRINTED: 06/02/2022 SW

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2022



# BARGE "CTC 29112"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	12.89	0	361.08	0	718.85	0	1,072.26	0	1,432.81	0	1,793.35	0	2,153.38	0	2,513.80	0	2,874.04	0	3,234.28
1/4	17.90	1/4	368.60	1/4	726.14	1/4	1,079.77	1/4	1,440.32	1/4	1,800.86	1/4	2,160.88	1/4	2,521.30	1/4	2,881.55	1/4	3,241.79
1/2	22.91	1/2	376.11	1/2	733.44	1/2	1,087.28	1/2	1,447.83	1/2	1,808.37	1/2	2,168.37	1/2	2,528.81	1/2	2,889.05	1/2	3,249.30
3/4	27.92	3/4	383.62	3/4	740.73	3/4	1,094.80	3/4	1,455.34	3/4	1,815.88	3/4	2,175.87	3/4	2,536.31	3/4	2,896.56	3/4	3,256.80
1	32.93	1	391.13	1	748.03	1	1,102.31	1	1,462.86	1	1,823.39	1	2,183.37	1	2,543.82	1	2,904.06	1	3,264.31
1/4	39.82	1/4	398.65	1/4	755.32	1/4	1,109.82	1/4	1,470.37	1/4	1,830.90	1/4	2,190.87	1/4	2,551.32	1/4	2,911.57	1/4	3,271.81
1/2	46.71	1/2	406.16	1/2	762.62	1/2	1,117.33	1/2	1,477.88	1/2	1,838.42	1/2	2,198.37	1/2	2,558.83	1/2	2,919.07	1/2	3,279.32
3/4	53.60	3/4	413.67	3/4	769.92	3/4	1,124.84	3/4	1,485.39	3/4	1,845.93	3/4	2,205.86	3/4	2,566.33	3/4	2,926.58	3/4	3,286.82
2	60.48	2	421.18	2	777.21	2	1,132.35	2	1,492.90	2	1,853.44	2	2,213.36	2	2,573.84	2	2,934.08	2	3,294.33
1/4	68.00	1/4	428.69	1/4	784.51	1/4	1,139.87	1/4	1,500.41	1/4	1,860.94	1/4	2,220.87	1/4	2,581.34	1/4	2,941.59	1/4	3,301.83
1/2	75.51	1/2	436.20	1/2	791.81	1/2	1,147.38	1/2	1,507.92	1/2	1,868.44	1/2	2,228.37	1/2	2,588.85	1/2	2,949.09	1/2	3,309.34
3/4	83.03	3/4	443.71	3/4	799.11	3/4	1,154.89	3/4	1,515.43	3/4	1,875.95	3/4	2,235.88	3/4	2,596.35	3/4	2,956.60	3/4	3,316.84
3	90.54	3	451.22	3	806.40	3	1,162.40	3	1,522.94	3	1,883.45	3	2,243.39	3	2,603.86	3	2,964.10	3	3,324.35
1/4	98.06	1/4	458.73	1/4	813.70	1/4	1,169.91	1/4	1,530.46	1/4	1,890.95	1/4	2,250.90	1/4	2,611.36	1/4	2,971.61	1/4	3,331.85
1/2	105.57	1/2	466.24	1/2	821.00	1/2	1,177.42	1/2	1,537.97	1/2	1,898.45	1/2	2,258.42	1/2	2,618.87	1/2	2,979.11	1/2	3,339.36
3/4	113.09	3/4	473.76	3/4	828.30	3/4	1,184.94	3/4	1,545.48	3/4	1,905.94	3/4	2,265.93	3/4	2,626.37	3/4	2,986.62	3/4	3,346.86
4	120.60	4	481.27	4	835.59	4	1,192.45	4	1,552.99	4	1,913.44	4	2,273.45	4	2,633.88	4	2,994.12	4	3,354.37
1/4	128.12	1/4	488.79	1/4	842.89	1/4	1,199.96	1/4	1,560.50	1/4	1,920.94	1/4	2,280.96	1/4	2,641.38	1/4	3,001.63	1/4	3,361.82
1/2	135.63	1/2	496.30	1/2	850.19	1/2	1,207.47	1/2	1,568.01	1/2	1,928.44	1/2	2,288.47	1/2	2,648.89	1/2	3,009.13	1/2	3,369.27
3/4	143.15	3/4	503.82	3/4	857.49	3/4	1,214.98	3/4	1,575.52	3/4	1,935.94	3/4	2,295.99	3/4	2,656.39	3/4	3,016.64	3/4	3,376.72
5	150.66	5	511.33	5	864.78	5	1,222.49	5	1,583.03	5	1,943.43	5	2,303.50	5	2,663.90	5	3,024.14	5	3,384.16
1/4	158.18	1/4	518.85	1/4	872.08	1/4	1,230.01	1/4	1,590.55	1/4	1,950.93	1/4	2,311.02	1/4	2,671.40	1/4	3,031.65	1/4	3,391.56
1/2	165.69	1/2	526.36	1/2	879.38	1/2	1,237.52	1/2	1,598.06	1/2	1,958.43	1/2	2,318.53	1/2	2,678.91	1/2	3,039.15	1/2	3,398.95
3/4	173.21	3/4	533.88	3/4	886.68	3/4	1,245.03	3/4	1,605.57	3/4	1,965.93	3/4	2,326.05	3/4	2,686.41	3/4	3,046.66	3/4	3,406.35
6	180.72	6	541.39	6	893.97	6	1,252.54	6	1,613.08	6	1,973.43	6	2,333.56	6	2,693.92	6	3,054.16	6	3,413.74
1/4	188.24	1/4	548.91	1/4	901.28	1/4	1,260.05	1/4	1,620.59	1/4	1,980.92	1/4	2,341.08	1/4	2,701.42	1/4	3,061.67	1/4	3,421.14
1/2	195.75	1/2	556.42	1/2	908.58	1/2	1,267.56	1/2	1,628.10	1/2	1,988.42	1/2	2,348.59	1/2	2,708.93	1/2	3,069.17	1/2	3,428.53
3/4	203.27	3/4	563.94	3/4	915.89	3/4	1,275.08	3/4	1,635.61	3/4	1,995.92	3/4	2,356.10	3/4	2,716.43	3/4	3,076.68	3/4	3,435.93
7	210.78	7	571.45	7	923.19	7	1,282.59	7	1,643.12	7	2,003.42	7	2,363.62	7	2,723.94	7	3,084.18	7	3,443.32
1/4	218.30	1/4	578.97	1/4	930.51	1/4	1,290.10	1/4	1,650.64	1/4	2,010.92	1/4	2,371.13	1/4	2,731.44	1/4	3,091.69	1/4	3,450.72
1/2	225.81	1/2	586.48	1/2	937.83	1/2	1,297.61	1/2	1,658.15	1/2	2,018.41	1/2	2,378.65	1/2	2,738.95	1/2	3,099.19	1/2	3,458.11
3/4	233.33	3/4	594.00	3/4	945.14	3/4	1,305.12	3/4	1,665.66	3/4	2,025.91	3/4	2,386.16	3/4	2,746.45	3/4	3,106.70	3/4	3,465.51
8	240.84	8	601.51	8	952.46	8	1,312.63	8	1,673.17	8	2,033.41	8	2,393.67	8	2,753.96	8	3,114.20	8	3,472.90
1/4	248.36	1/4	608.93	1/4	959.87	1/4	1,320.14	1/4	1,680.68	1/4	2,040.91	1/4	2,401.18	1/4	2,761.46	1/4	3,121.71	1/4	3,480.29
1/2	255.87	1/2	616.35	1/2	967.29	1/2	1,327.65	1/2	1,688.19	1/2	2,048.41	1/2	2,408.70	1/2	2,768.97	1/2	3,129.21	1/2	3,487.69
3/4	263.39	3/4	623.76	3/4	974.70	3/4	1,335.16	3/4	1,695.70	3/4	2,055.90	3/4	2,416.21	3/4	2,776.47	3/4	3,136.72	3/4	3,495.08
9	270.90	9	631.18	9	982.12	9	1,342.68	9	1,703.21	9	2,063.40	9	2,423.72	9	2,783.98	9	3,144.22	9	3,502.48
1/4	278.42	1/4	638.50	1/4	989.63	1/4	1,350.19	1/4	1,710.72	1/4	2,070.90	1/4	2,431.23	1/4	2,791.48	1/4	3,151.73	1/4	3,509.87
1/2	285.93	1/2	645.81	1/2	997.14	1/2	1,357.70	1/2	1,718.24	1/2	2,078.40	1/2	2,438.74	1/2	2,798.99	1/2	3,159.23	1/2	3,517.27
3/4	293.45	3/4	653.13	3/4	1,004.65	3/4	1,365.21	3/4	1,725.75	3/4	2,085.90	3/4	2,446.25	3/4	2,806.49	3/4	3,166.74	3/4	3,524.66
10	300.96	10	660.44	10	1,012.17	10	1,372.72	10	1,733.26	10	2,093.39	10	2,453.75	10	2,814.00	10	3,174.24	10	3,532.05
1/4	308.48	1/4	667.75	1/4	1,019.68	1/4	1,380.23	1/4	1,740.77	1/4	2,100.89	1/4	2,461.26	1/4	2,821.50	1/4	3,181.75	1/4	3,539.50
1/2	315.99	1/2	675.05	1/2	1,027.19	1/2	1,387.74	1/2	1,748.28	1/2	2,108.39	1/2	2,468.76	1/2	2,829.01	1/2	3,189.25	1/2	3,546.95
3/4	323.51	3/4	682.36	3/4	1,034.70	3/4	1,395.25	3/4	1,755.79	3/4	2,115.89	3/4	2,476.27	3/4	2,836.51	3/4	3,196.76	3/4	3,554.40
11	331.02	11	689.66	11	1,042.21	11	1,402.77	11	1,763.30	11	2,123.39	11	2,483.78	11	2,844.02	11	3,204.26	11	3,561.85
1/4	338.54	1/4	696.96	1/4	1,049.73	1/4	1,410.28	1/4	1,770.81	1/4	2,130.88	1/4	2,491.28	1/4	2,851.52	1/4	3,211.77	1/4	3,568.87
1/2	346.05	1/2	704.26	1/2	1,057.24	1/2	1,417.79	1/2	1,778.33	1/2	2,138.38	1/2	2,498.79	1/2	2,859.03	1/2	3,219.27	1/2	3,575.89
3/4	353.57	3/4	711.55	3/4	1,064.75	3/4	1,425.30	3/4	1,785.84	3/4	2,145.88	3/4	2,506.29	3/4	2,866.54	3/4	3,226.78	3/4	3,582.91

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "CTC 29112"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,589.93	0	3,858.71	0	4,124.07	0	4,375.36	0	4,608.43	0		0		0		0		0	
1/4	3,595.98	1/4	3,864.26	1/4	4,129.47	1/4	4,380.38	1/4	4,613.27	1/4		1/4		1/4		1/4		1/4	
1/2	3,602.02	1/2	3,869.82	1/2	4,134.87	1/2	4,385.41	1/2	4,618.10	1/2		1/2		1/2		1/2		1/2	
3/4	3,608.07	3/4	3,875.38	3/4	4,140.28	3/4	4,390.44	3/4	4,622.94	3/4		3/4		3/4		3/4		3/4	
1	3,614.12	1	3,880.94	1	4,145.68	1	4,395.46	1	4,627.77	1		1		1		1		1	
1/4	3,619.68	1/4	3,886.50	1/4	4,151.05	1/4	4,400.46	1/4	4,633.02	1/4		1/4		1/4		1/4		1/4	
1/2	3,625.24	1/2	3,892.06	1/2	4,156.42	1/2	4,405.46	1/2	4,638.27	1/2		1/2		1/2		1/2		1/2	
3/4	3,630.80	3/4	3,897.62	3/4	4,161.80	3/4	4,410.46	3/4	4,643.53	3/4		3/4		3/4		3/4		3/4	
2	3,636.35	2	3,903.18	2	4,167.17	2	4,415.45	2	4,648.78	2		2		2		2		2	
1/4	3,641.91	1/4	3,908.74	1/4	4,172.52	1/4	4,420.42	1/4	4,654.24	1/4		1/4		1/4		1/4		1/4	
1/2	3,647.47	1/2	3,914.29	1/2	4,177.86	1/2	4,425.39	1/2	4,659.70	1/2		1/2		1/2		1/2		1/2	
3/4	3,653.03	3/4	3,919.85	3/4	4,183.20	3/4	4,430.36	3/4	4,665.16	3/4		3/4		3/4		3/4		3/4	
3	3,658.59	3	3,925.41	3	4,188.55	3	4,435.33	3	4,670.62	3		3		3		3		3	
1/4	3,664.15	1/4	3,930.97	1/4	4,193.86	1/4	4,440.27	1/4	4,675.98	1/4		1/4		1/4		1/4		1/4	
1/2	3,669.71	1/2	3,936.53	1/2	4,199.18	1/2	4,445.21	1/2	4,681.35	1/2		1/2		1/2		1/2		1/2	
3/4	3,675.27	3/4	3,942.09	3/4	4,204.50	3/4	4,450.15	3/4	4,686.72	3/4		3/4		3/4		3/4		3/4	
4	3,680.82	4	3,947.65	4	4,209.81	4	4,455.09	4	4,692.08	4		4		4		4		4	
1/4	3,686.38	1/4	3,953.21	1/4	4,215.10	1/4	4,460.01	1/4	4,696.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,691.94	1/2	3,958.76	1/2	4,220.39	1/2	4,464.92	1/2	4,701.32	1/2		1/2		1/2		1/2		1/2	
3/4	3,697.50	3/4	3,964.32	3/4	4,225.68	3/4	4,469.83	3/4	4,705.93	3/4		3/4		3/4		3/4		3/4	
5	3,703.06	5	3,969.88	5	4,230.96	5	4,474.74	5	4,710.55	5		5		5		5		5	
1/4	3,708.62	1/4	3,975.44	1/4	4,236.22	1/4	4,479.63	1/4	4,713.75	1/4		1/4		1/4		1/4		1/4	
1/2	3,714.18	1/2	3,981.00	1/2	4,241.48	1/2	4,484.51	1/2	4,716.96	1/2		1/2		1/2		1/2		1/2	
3/4	3,719.74	3/4	3,986.56	3/4	4,246.74	3/4	4,489.39	3/4	4,720.16	3/4		3/4		3/4		3/4		3/4	
6	3,725.29	6	3,992.12	6	4,252.00	6	4,494.28	6	4,723.37	6		6		6		6		6	
1/4	3,730.85	1/4	3,997.67	1/4	4,257.23	1/4	4,499.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,736.41	1/2	4,003.23	1/2	4,262.46	1/2	4,503.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,741.97	3/4	4,008.78	3/4	4,267.69	3/4	4,508.84	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,747.53	7	4,014.34	7	4,272.92	7	4,513.70	7		7		7		7		7		7	
1/4	3,753.09	1/4	4,019.88	1/4	4,278.12	1/4	4,518.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,758.65	1/2	4,025.42	1/2	4,283.32	1/2	4,523.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,764.21	3/4	4,030.96	3/4	4,288.53	3/4	4,528.18	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,769.77	8	4,036.50	8	4,293.73	8	4,533.00	8		8		8		8		8		8	
1/4	3,775.32	1/4	4,042.02	1/4	4,298.88	1/4	4,537.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,780.88	1/2	4,047.53	1/2	4,304.04	1/2	4,542.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,786.44	3/4	4,053.05	3/4	4,309.20	3/4	4,547.40	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,792.00	9	4,058.57	9	4,314.35	9	4,552.20	9		9		9		9		9		9	
1/4	3,797.56	1/4	4,064.05	1/4	4,319.47	1/4	4,556.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,803.12	1/2	4,069.54	1/2	4,324.58	1/2	4,561.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,808.68	3/4	4,075.03	3/4	4,329.69	3/4	4,566.41	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,814.24	10	4,080.51	10	4,334.80	10	4,571.14	10		10		10		10		10		10	
1/4	3,819.79	1/4	4,085.97	1/4	4,339.89	1/4	4,575.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,825.35	1/2	4,091.43	1/2	4,344.97	1/2	4,580.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,830.91	3/4	4,096.89	3/4	4,350.05	3/4	4,585.17	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,836.47	11	4,102.35	11	4,355.14	11	4,589.84	11		11		11		11		11		11	
1/4	3,842.03	1/4	4,107.78	1/4	4,360.19	1/4	4,594.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,847.59	1/2	4,113.21	1/2	4,365.25	1/2	4,599.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,853.15	3/4	4,118.64	3/4	4,370.30	3/4	4,603.78	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/02/2022 JS  
CALCULATED: 06/02/2022 CL  
PRINTED: 06/02/2022 SW

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2022



# BARGE "CTC 29112"

## 3 STBD 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	12.92	0	361.52	0	715.60	0	1,059.25	0	1,419.80	0	1,779.79	0	2,136.06	0	2,496.54	0	2,856.78	0	3,217.12
1/4	17.94	1/4	369.04	1/4	722.61	1/4	1,066.76	1/4	1,427.31	1/4	1,787.21	1/4	2,143.56	1/4	2,504.04	1/4	2,864.29	1/4	3,224.63
1/2	22.96	1/2	376.56	1/2	729.62	1/2	1,074.26	1/2	1,434.82	1/2	1,794.63	1/2	2,151.06	1/2	2,511.55	1/2	2,871.80	1/2	3,232.13
3/4	27.98	3/4	384.08	3/4	736.63	3/4	1,081.77	3/4	1,442.33	3/4	1,802.06	3/4	2,158.56	3/4	2,519.05	3/4	2,879.30	3/4	3,239.64
1	33.00	1	391.60	1	743.64	1	1,089.28	1	1,449.84	1	1,809.48	1	2,166.06	1	2,526.55	1	2,886.81	1	3,247.15
1/4	39.90	1/4	399.11	1/4	750.65	1/4	1,096.79	1/4	1,457.35	1/4	1,816.90	1/4	2,173.57	1/4	2,534.05	1/4	2,894.32	1/4	3,254.65
1/2	46.81	1/2	406.63	1/2	757.66	1/2	1,104.30	1/2	1,464.86	1/2	1,824.32	1/2	2,181.07	1/2	2,541.55	1/2	2,901.82	1/2	3,262.16
3/4	53.71	3/4	414.14	3/4	764.67	3/4	1,111.81	3/4	1,472.38	3/4	1,831.74	3/4	2,188.57	3/4	2,549.05	3/4	2,909.33	3/4	3,269.67
2	60.62	2	421.66	2	771.68	2	1,119.32	2	1,479.89	2	1,839.16	2	2,196.07	2	2,556.56	2	2,916.84	2	3,277.17
1/4	68.15	1/4	429.17	1/4	778.70	1/4	1,126.83	1/4	1,487.40	1/4	1,846.57	1/4	2,203.58	1/4	2,564.06	1/4	2,924.35	1/4	3,284.68
1/2	75.68	1/2	436.69	1/2	785.71	1/2	1,134.35	1/2	1,494.91	1/2	1,853.99	1/2	2,211.09	1/2	2,571.56	1/2	2,931.85	1/2	3,292.19
3/4	83.21	3/4	444.20	3/4	792.72	3/4	1,141.86	3/4	1,502.42	3/4	1,861.40	3/4	2,218.60	3/4	2,579.06	3/4	2,939.36	3/4	3,299.70
3	90.74	3	451.72	3	799.74	3	1,149.38	3	1,509.93	3	1,868.82	3	2,226.11	3	2,586.56	3	2,946.87	3	3,307.20
1/4	98.27	1/4	459.24	1/4	806.75	1/4	1,156.89	1/4	1,517.44	1/4	1,876.23	1/4	2,233.63	1/4	2,594.06	1/4	2,954.37	1/4	3,314.71
1/2	105.80	1/2	466.75	1/2	813.76	1/2	1,164.41	1/2	1,524.95	1/2	1,883.63	1/2	2,241.14	1/2	2,601.57	1/2	2,961.88	1/2	3,322.22
3/4	113.34	3/4	474.27	3/4	820.77	3/4	1,171.92	3/4	1,532.47	3/4	1,891.04	3/4	2,248.66	3/4	2,609.07	3/4	2,969.39	3/4	3,329.72
4	120.87	4	481.79	4	827.79	4	1,179.43	4	1,539.98	4	1,898.45	4	2,256.18	4	2,616.57	4	2,976.89	4	3,337.23
1/4	128.39	1/4	489.31	1/4	834.80	1/4	1,186.94	1/4	1,547.49	1/4	1,905.86	1/4	2,263.70	1/4	2,624.07	1/4	2,984.40	1/4	3,344.68
1/2	135.92	1/2	496.83	1/2	841.81	1/2	1,194.46	1/2	1,555.00	1/2	1,913.26	1/2	2,271.21	1/2	2,631.58	1/2	2,991.91	1/2	3,352.13
3/4	143.44	3/4	504.35	3/4	848.83	3/4	1,201.97	3/4	1,562.51	3/4	1,920.67	3/4	2,278.73	3/4	2,639.08	3/4	2,999.42	3/4	3,359.58
5	150.97	5	511.87	5	855.84	5	1,209.48	5	1,570.02	5	1,928.08	5	2,286.25	5	2,646.59	5	3,006.92	5	3,367.03
1/4	158.49	1/4	519.39	1/4	862.85	1/4	1,216.99	1/4	1,577.53	1/4	1,935.49	1/4	2,293.77	1/4	2,654.09	1/4	3,014.43	1/4	3,374.43
1/2	166.01	1/2	526.91	1/2	869.85	1/2	1,224.50	1/2	1,585.04	1/2	1,942.90	1/2	2,301.29	1/2	2,661.60	1/2	3,021.94	1/2	3,381.83
3/4	173.53	3/4	534.43	3/4	876.86	3/4	1,232.01	3/4	1,592.56	3/4	1,950.30	3/4	2,308.80	3/4	2,669.11	3/4	3,029.44	3/4	3,389.22
6	181.05	6	541.95	6	883.87	6	1,239.53	6	1,600.07	6	1,957.71	6	2,316.32	6	2,676.61	6	3,036.95	6	3,396.62
1/4	188.57	1/4	549.47	1/4	890.89	1/4	1,247.04	1/4	1,607.58	1/4	1,965.12	1/4	2,323.84	1/4	2,684.12	1/4	3,044.46	1/4	3,404.02
1/2	196.09	1/2	556.99	1/2	897.91	1/2	1,254.55	1/2	1,615.09	1/2	1,972.53	1/2	2,331.36	1/2	2,691.63	1/2	3,051.96	1/2	3,411.41
3/4	203.61	3/4	564.51	3/4	904.92	3/4	1,262.06	3/4	1,622.60	3/4	1,979.93	3/4	2,338.87	3/4	2,699.13	3/4	3,059.47	3/4	3,418.81
7	211.13	7	572.03	7	911.94	7	1,269.57	7	1,630.11	7	1,987.34	7	2,346.39	7	2,706.64	7	3,066.98	7	3,426.21
1/4	218.65	1/4	579.55	1/4	918.98	1/4	1,277.08	1/4	1,637.62	1/4	1,994.75	1/4	2,353.91	1/4	2,714.15	1/4	3,074.49	1/4	3,433.61
1/2	226.17	1/2	587.07	1/2	926.02	1/2	1,284.60	1/2	1,645.13	1/2	2,002.16	1/2	2,361.43	1/2	2,721.66	1/2	3,081.99	1/2	3,441.01
3/4	233.69	3/4	594.59	3/4	933.05	3/4	1,292.11	3/4	1,652.64	3/4	2,009.57	3/4	2,368.94	3/4	2,729.16	3/4	3,089.50	3/4	3,448.41
8	241.21	8	602.11	8	940.09	8	1,299.62	8	1,660.16	8	2,016.97	8	2,376.46	8	2,736.67	8	3,097.01	8	3,455.81
1/4	248.73	1/4	609.39	1/4	947.36	1/4	1,307.13	1/4	1,667.67	1/4	2,024.38	1/4	2,383.97	1/4	2,744.18	1/4	3,104.51	1/4	3,463.22
1/2	256.25	1/2	616.68	1/2	954.63	1/2	1,314.64	1/2	1,675.18	1/2	2,031.79	1/2	2,391.48	1/2	2,751.68	1/2	3,112.02	1/2	3,470.63
3/4	263.77	3/4	623.96	3/4	961.91	3/4	1,322.15	3/4	1,682.69	3/4	2,039.20	3/4	2,399.00	3/4	2,759.19	3/4	3,119.53	3/4	3,478.04
9	271.29	9	631.25	9	969.18	9	1,329.66	9	1,690.20	9	2,046.60	9	2,406.51	9	2,766.70	9	3,127.03	9	3,485.45
1/4	278.81	1/4	638.29	1/4	976.69	1/4	1,337.17	1/4	1,697.71	1/4	2,054.01	1/4	2,414.01	1/4	2,774.20	1/4	3,134.54	1/4	3,492.85
1/2	286.33	1/2	645.34	1/2	984.19	1/2	1,344.69	1/2	1,705.22	1/2	2,061.42	1/2	2,421.52	1/2	2,781.71	1/2	3,142.05	1/2	3,500.26
3/4	293.85	3/4	652.39	3/4	991.70	3/4	1,352.20	3/4	1,712.73	3/4	2,068.83	3/4	2,429.02	3/4	2,789.22	3/4	3,149.56	3/4	3,507.67
10	301.36	10	659.44	10	999.20	10	1,359.71	10	1,720.25	10	2,076.24	10	2,436.53	10	2,796.73	10	3,157.06	10	3,515.08
1/4	308.88	1/4	666.47	1/4	1,006.71	1/4	1,367.22	1/4	1,727.71	1/4	2,083.69	1/4	2,444.03	1/4	2,804.23	1/4	3,164.57	1/4	3,522.54
1/2	316.40	1/2	673.49	1/2	1,014.22	1/2	1,374.73	1/2	1,735.18	1/2	2,091.14	1/2	2,451.53	1/2	2,811.74	1/2	3,172.08	1/2	3,530.00
3/4	323.92	3/4	680.52	3/4	1,021.72	3/4	1,382.24	3/4	1,742.64	3/4	2,098.60	3/4	2,459.03	3/4	2,819.25	3/4	3,179.58	3/4	3,537.47
11	331.44	11	687.55	11	1,029.23	11	1,389.75	11	1,750.11	11	2,106.05	11	2,466.54	11	2,826.75	11	3,187.09	11	3,544.93
1/4	338.96	1/4	694.56	1/4	1,036.73	1/4	1,397.26	1/4	1,757.53	1/4	2,113.55	1/4	2,474.04	1/4	2,834.26	1/4	3,194.60	1/4	3,551.96
1/2	346.48	1/2	701.57	1/2	1,044.24	1/2	1,404.78	1/2	1,764.95	1/2	2,121.06	1/2	2,481.54	1/2	2,841.77	1/2	3,202.10	1/2	3,559.00
3/4	354.00	3/4	708.59	3/4	1,051.75	3/4	1,412.29	3/4	1,772.37	3/4	2,128.56	3/4	2,489.04	3/4	2,849.28	3/4	3,209.61	3/4	3,566.04

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "CTC 29112"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,573.07	0	3,842.74	0	4,109.01	0	4,361.21	0	4,595.21	0		0		0		0		0	
1/4	3,579.14	1/4	3,848.32	1/4	4,114.43	1/4	4,366.25	1/4	4,600.07	1/4		1/4		1/4		1/4		1/4	
1/2	3,585.20	1/2	3,853.90	1/2	4,119.85	1/2	4,371.30	1/2	4,604.92	1/2		1/2		1/2		1/2		1/2	
3/4	3,591.27	3/4	3,859.47	3/4	4,125.27	3/4	4,376.34	3/4	4,609.78	3/4		3/4		3/4		3/4		3/4	
1	3,597.33	1	3,865.05	1	4,130.69	1	4,381.39	1	4,614.64	1		1		1		1		1	
1/4	3,602.91	1/4	3,870.63	1/4	4,136.08	1/4	4,386.41	1/4	4,619.90	1/4		1/4		1/4		1/4		1/4	
1/2	3,608.49	1/2	3,876.21	1/2	4,141.47	1/2	4,391.42	1/2	4,625.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,614.06	3/4	3,881.78	3/4	4,146.86	3/4	4,396.44	3/4	4,630.44	3/4		3/4		3/4		3/4		3/4	
2	3,619.64	2	3,887.36	2	4,152.26	2	4,401.46	2	4,635.71	2		2		2		2		2	
1/4	3,625.22	1/4	3,892.94	1/4	4,157.62	1/4	4,406.45	1/4	4,641.19	1/4		1/4		1/4		1/4		1/4	
1/2	3,630.80	1/2	3,898.52	1/2	4,162.98	1/2	4,411.43	1/2	4,646.67	1/2		1/2		1/2		1/2		1/2	
3/4	3,636.37	3/4	3,904.09	3/4	4,168.35	3/4	4,416.42	3/4	4,652.15	3/4		3/4		3/4		3/4		3/4	
3	3,641.95	3	3,909.67	3	4,173.71	3	4,421.41	3	4,657.63	3		3		3		3		3	
1/4	3,647.53	1/4	3,915.25	1/4	4,179.04	1/4	4,426.37	1/4	4,663.02	1/4		1/4		1/4		1/4		1/4	
1/2	3,653.11	1/2	3,920.83	1/2	4,184.38	1/2	4,431.33	1/2	4,668.40	1/2		1/2		1/2		1/2		1/2	
3/4	3,658.68	3/4	3,926.40	3/4	4,189.71	3/4	4,436.29	3/4	4,673.79	3/4		3/4		3/4		3/4		3/4	
4	3,664.26	4	3,931.98	4	4,195.05	4	4,441.25	4	4,679.17	4		4		4		4		4	
1/4	3,669.84	1/4	3,937.56	1/4	4,200.36	1/4	4,446.18	1/4	4,683.80	1/4		1/4		1/4		1/4		1/4	
1/2	3,675.42	1/2	3,943.14	1/2	4,205.66	1/2	4,451.12	1/2	4,688.44	1/2		1/2		1/2		1/2		1/2	
3/4	3,680.99	3/4	3,948.71	3/4	4,210.97	3/4	4,456.05	3/4	4,693.07	3/4		3/4		3/4		3/4		3/4	
5	3,686.57	5	3,954.29	5	4,216.28	5	4,460.98	5	4,697.70	5		5		5		5		5	
1/4	3,692.15	1/4	3,959.87	1/4	4,221.55	1/4	4,465.88	1/4	4,700.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,697.73	1/2	3,965.45	1/2	4,226.83	1/2	4,470.79	1/2	4,704.14	1/2		1/2		1/2		1/2		1/2	
3/4	3,703.30	3/4	3,971.02	3/4	4,232.11	3/4	4,475.69	3/4	4,707.36	3/4		3/4		3/4		3/4		3/4	
6	3,708.88	6	3,976.60	6	4,237.39	6	4,480.59	6	4,710.58	6		6		6		6		6	
1/4	3,714.46	1/4	3,982.18	1/4	4,242.64	1/4	4,485.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,720.04	1/2	3,987.75	1/2	4,247.89	1/2	4,490.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,725.61	3/4	3,993.32	3/4	4,253.14	3/4	4,495.21	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,731.19	7	3,998.90	7	4,258.38	7	4,500.09	7		7		7		7		7		7	
1/4	3,736.77	1/4	4,004.46	1/4	4,263.61	1/4	4,504.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,742.35	1/2	4,010.02	1/2	4,268.83	1/2	4,509.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,747.92	3/4	4,015.58	3/4	4,274.05	3/4	4,514.63	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,753.50	8	4,021.14	8	4,279.27	8	4,519.47	8		8		8		8		8		8	
1/4	3,759.08	1/4	4,026.67	1/4	4,284.44	1/4	4,524.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,764.66	1/2	4,032.20	1/2	4,289.62	1/2	4,529.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,770.23	3/4	4,037.74	3/4	4,294.80	3/4	4,533.93	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,775.81	9	4,043.27	9	4,299.97	9	4,538.74	9		9		9		9		9		9	
1/4	3,781.39	1/4	4,048.78	1/4	4,305.10	1/4	4,543.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,786.97	1/2	4,054.29	1/2	4,310.24	1/2	4,548.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,792.54	3/4	4,059.79	3/4	4,315.37	3/4	4,553.01	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,798.12	10	4,065.30	10	4,320.50	10	4,557.77	10		10		10		10		10		10	
1/4	3,803.70	1/4	4,070.78	1/4	4,325.60	1/4	4,562.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,809.28	1/2	4,076.25	1/2	4,330.70	1/2	4,567.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,814.85	3/4	4,081.73	3/4	4,335.81	3/4	4,571.85	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,820.43	11	4,087.21	11	4,340.91	11	4,576.55	11		11		11		11		11		11	
1/4	3,826.01	1/4	4,092.66	1/4	4,345.98	1/4	4,581.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,831.59	1/2	4,098.11	1/2	4,351.06	1/2	4,585.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,837.16	3/4	4,103.56	3/4	4,356.13	3/4	4,590.55	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/02/2022 JS  
CALCULATED: 06/02/2022 CL  
PRINTED: 06/02/2022 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2022

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





# BARGE "CTC 29112"

## 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 2, 2022

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CTC 29112"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0	4,577.22	0	4,277.99	0	3,969.73	0	3,645.05	0	3,314.28	0	2,983.52	0	2,652.74	0	2,321.97	0	1,991.19
1/4		1/4	4,572.43	1/4	4,271.73	1/4	3,963.12	1/4	3,638.16	1/4	3,307.39	1/4	2,976.63	1/4	2,645.85	1/4	2,315.08	1/4	1,984.30
1/2		1/2	4,567.65	1/2	4,265.46	1/2	3,956.50	1/2	3,631.27	1/2	3,300.50	1/2	2,969.73	1/2	2,638.96	1/2	2,308.19	1/2	1,977.41
3/4		3/4	4,562.87	3/4	4,259.20	3/4	3,949.88	3/4	3,624.38	3/4	3,293.61	3/4	2,962.84	3/4	2,632.07	3/4	2,301.30	3/4	1,970.51
1		1	4,556.79	1	4,252.91	1	3,943.24	1	3,617.49	1	3,286.72	1	2,955.95	1	2,625.18	1	2,294.41	1	1,963.62
1/4		1/4	4,550.72	1/4	4,246.63	1/4	3,936.60	1/4	3,610.60	1/4	3,279.83	1/4	2,949.06	1/4	2,618.29	1/4	2,287.51	1/4	1,956.72
1/2		1/2	4,544.64	1/2	4,240.34	1/2	3,929.96	1/2	3,603.71	1/2	3,272.94	1/2	2,942.17	1/2	2,611.40	1/2	2,280.62	1/2	1,949.83
3/4		3/4	4,538.57	3/4	4,234.05	3/4	3,923.32	3/4	3,596.82	3/4	3,266.05	3/4	2,935.28	3/4	2,604.51	3/4	2,273.73	3/4	1,942.94
2		2	4,531.80	2	4,227.73	2	3,916.65	2	3,589.92	2	3,259.16	2	2,928.39	2	2,597.61	2	2,266.84	2	1,936.04
1/4		1/4	4,525.04	1/4	4,221.42	1/4	3,909.98	1/4	3,583.03	1/4	3,252.27	1/4	2,921.50	1/4	2,590.72	1/4	2,259.95	1/4	1,929.15
1/2		1/2	4,518.27	1/2	4,215.10	1/2	3,903.31	1/2	3,576.14	1/2	3,245.37	1/2	2,914.60	1/2	2,583.83	1/2	2,253.06	1/2	1,922.26
3/4		3/4	4,511.51	3/4	4,208.79	3/4	3,896.64	3/4	3,569.25	3/4	3,238.48	3/4	2,907.71	3/4	2,576.94	3/4	2,246.17	3/4	1,915.36
3		3	4,504.65	3	4,202.45	3	3,889.95	3	3,562.36	3	3,231.59	3	2,900.82	3	2,570.05	3	2,239.28	3	1,908.47
1/4		1/4	4,497.80	1/4	4,196.11	1/4	3,883.25	1/4	3,555.47	1/4	3,224.70	1/4	2,893.93	1/4	2,563.16	1/4	2,232.39	1/4	1,901.57
1/2		1/2	4,490.95	1/2	4,189.77	1/2	3,876.56	1/2	3,548.58	1/2	3,217.81	1/2	2,887.04	1/2	2,556.27	1/2	2,225.49	1/2	1,894.68
3/4		3/4	4,484.10	3/4	4,183.43	3/4	3,869.86	3/4	3,541.69	3/4	3,210.92	3/4	2,880.15	3/4	2,549.38	3/4	2,218.60	3/4	1,887.79
4		4	4,477.44	4	4,177.06	4	3,863.14	4	3,534.80	4	3,204.03	4	2,873.26	4	2,542.49	4	2,211.71	4	1,880.89
1/4		1/4	4,470.78	1/4	4,170.69	1/4	3,856.42	1/4	3,527.91	1/4	3,197.14	1/4	2,866.37	1/4	2,535.59	1/4	2,204.82	1/4	1,874.00
1/2		1/2	4,464.13	1/2	4,164.32	1/2	3,849.70	1/2	3,521.01	1/2	3,190.25	1/2	2,859.48	1/2	2,528.70	1/2	2,197.93	1/2	1,867.10
3/4		3/4	4,457.47	3/4	4,157.96	3/4	3,842.98	3/4	3,514.12	3/4	3,183.36	3/4	2,852.58	3/4	2,521.81	3/4	2,191.04	3/4	1,860.21
5		5	4,451.19	5	4,151.56	5	3,836.23	5	3,507.23	5	3,176.46	5	2,845.69	5	2,514.92	5	2,184.15	5	1,853.32
1/4		1/4	4,444.91	1/4	4,145.17	1/4	3,829.48	1/4	3,500.34	1/4	3,169.57	1/4	2,838.80	1/4	2,508.03	1/4	2,177.26	1/4	1,846.42
1/2		1/2	4,438.63	1/2	4,138.78	1/2	3,822.74	1/2	3,493.45	1/2	3,162.68	1/2	2,831.91	1/2	2,501.14	1/2	2,170.37	1/2	1,839.53
3/4		3/4	4,432.35	3/4	4,132.38	3/4	3,815.99	3/4	3,486.56	3/4	3,155.79	3/4	2,825.02	3/4	2,494.25	3/4	2,163.47	3/4	1,832.64
6		6	4,426.25	6	4,125.96	6	3,809.22	6	3,479.67	6	3,148.90	6	2,818.13	6	2,487.36	6	2,156.58	6	1,825.74
1/4		1/4	4,420.14	1/4	4,119.54	1/4	3,802.44	1/4	3,472.78	1/4	3,142.01	1/4	2,811.24	1/4	2,480.47	1/4	2,149.69	1/4	1,818.85
1/2		1/2	4,414.04	1/2	4,113.13	1/2	3,795.67	1/2	3,465.89	1/2	3,135.12	1/2	2,804.35	1/2	2,473.57	1/2	2,142.80	1/2	1,811.95
3/4		3/4	4,407.93	3/4	4,106.71	3/4	3,788.90	3/4	3,459.00	3/4	3,128.23	3/4	2,797.46	3/4	2,466.68	3/4	2,135.91	3/4	1,805.06
7		7	4,401.80	7	4,100.26	7	3,782.10	7	3,452.10	7	3,121.34	7	2,790.56	7	2,459.79	7	2,129.02	7	1,798.17
1/4		1/4	4,395.67	1/4	4,093.81	1/4	3,775.30	1/4	3,445.21	1/4	3,114.45	1/4	2,783.67	1/4	2,452.90	1/4	2,122.13	1/4	1,791.27
1/2		1/2	4,389.54	1/2	4,087.37	1/2	3,768.50	1/2	3,438.32	1/2	3,107.55	1/2	2,776.78	1/2	2,446.01	1/2	2,115.24	1/2	1,784.38
3/4		3/4	4,383.40	3/4	4,080.92	3/4	3,761.70	3/4	3,431.43	3/4	3,100.66	3/4	2,769.89	3/4	2,439.12	3/4	2,108.35	3/4	1,777.49
8		8	4,377.25	8	4,074.45	8	3,754.87	8	3,424.54	8	3,093.77	8	2,763.00	8	2,432.23	8	2,101.45	8	1,770.59
1/4		1/4	4,371.09	1/4	4,067.98	1/4	3,748.05	1/4	3,417.65	1/4	3,086.88	1/4	2,756.11	1/4	2,425.34	1/4	2,094.56	1/4	1,763.70
1/2		1/2	4,364.93	1/2	4,061.51	1/2	3,741.22	1/2	3,410.76	1/2	3,079.99	1/2	2,749.22	1/2	2,418.45	1/2	2,087.67	1/2	1,756.80
3/4		3/4	4,358.77	3/4	4,055.04	3/4	3,734.40	3/4	3,403.87	3/4	3,073.10	3/4	2,742.33	3/4	2,411.55	3/4	2,080.78	3/4	1,749.91
9		9	4,352.59	9	4,048.52	9	3,727.55	9	3,396.98	9	3,066.21	9	2,735.44	9	2,404.66	9	2,073.89	9	1,743.02
1/4		1/4	4,346.41	1/4	4,042.00	1/4	3,720.69	1/4	3,390.09	1/4	3,059.32	1/4	2,728.55	1/4	2,397.77	1/4	2,067.00	1/4	1,736.12
1/2		1/2	4,340.22	1/2	4,035.48	1/2	3,713.84	1/2	3,383.19	1/2	3,052.43	1/2	2,721.65	1/2	2,390.88	1/2	2,060.11	1/2	1,729.23
3/4		3/4	4,334.04	3/4	4,028.96	3/4	3,706.99	3/4	3,376.30	3/4	3,045.54	3/4	2,714.76	3/4	2,383.99	3/4	2,053.22	3/4	1,722.33
10		10	4,327.83	10	4,022.40	10	3,700.12	10	3,369.41	10	3,038.64	10	2,707.87	10	2,377.10	10	2,046.33	10	1,715.44
1/4		1/4	4,321.62	1/4	4,015.84	1/4	3,693.24	1/4	3,362.52	1/4	3,031.75	1/4	2,700.98	1/4	2,370.21	1/4	2,039.44	1/4	1,708.55
1/2		1/2	4,315.41	1/2	4,009.27	1/2	3,686.37	1/2	3,355.63	1/2	3,024.86	1/2	2,694.09	1/2	2,363.32	1/2	2,032.55	1/2	1,701.65
3/4		3/4	4,309.20	3/4	4,002.71	3/4	3,679.49	3/4	3,348.74	3/4	3,017.97	3/4	2,687.20	3/4	2,356.43	3/4	2,025.66	3/4	1,694.76
11		11	4,302.96	11	3,996.12	11	3,672.61	11	3,341.85	11	3,011.08	11	2,680.31	11	2,349.53	11	2,018.77	11	1,687.87
1/4		1/4	4,296.72	1/4	3,989.53	1/4	3,665.72	1/4	3,334.96	1/4	3,004.19	1/4	2,673.42	1/4	2,342.64	1/4	2,011.87	1/4	1,680.97
1/2		1/2	4,290.49	1/2	3,982.94	1/2	3,658.83	1/2	3,328.07	1/2	2,997.30	1/2	2,666.53	1/2	2,335.75	1/2	2,004.98	1/2	1,674.08
3/4		3/4	4,582.00	3/4	4,284.25	3/4	3,976.35	3/4	3,651.94	3/4	3,321.18	3/4	2,990.41	3/4	2,328.86	3/4	1,998.09	3/4	1,667.18

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "CTC 29112"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 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	1,660.29	0	1,329.39	0	998.94	0	683.71	0	391.73	0	121.77	0		0		0		0	
1/4	1,653.40	1/4	1,322.49	1/4	992.14	1/4	677.41	1/4	385.88	1/4	116.39	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,646.50	1/2	1,315.60	1/2	985.35	1/2	671.11	1/2	380.02	1/2	111.01	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,639.61	3/4	1,308.71	3/4	978.55	3/4	664.81	3/4	374.17	3/4	105.63	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,632.72	1	1,301.81	1	971.80	1	658.54	1	368.36	1	100.29	1	1	1	1	1	1	1	1
1/4	1,625.82	1/4	1,294.92	1/4	965.04	1/4	652.28	1/4	362.55	1/4	94.95	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,618.93	1/2	1,288.03	1/2	958.29	1/2	646.02	1/2	356.74	1/2	89.61	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,612.03	3/4	1,281.13	3/4	951.53	3/4	639.76	3/4	350.93	3/4	84.27	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,605.14	2	1,274.24	2	944.81	2	633.53	2	345.15	2	78.97	2	2	2	2	2	2	2	2
1/4	1,598.25	1/4	1,267.34	1/4	938.10	1/4	627.31	1/4	339.38	1/4	73.67	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,591.35	1/2	1,260.45	1/2	931.38	1/2	621.09	1/2	333.61	1/2	68.37	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,584.46	3/4	1,253.56	3/4	924.66	3/4	614.87	3/4	327.84	3/4	63.07	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,577.57	3	1,246.66	3	917.99	3	608.68	3	322.11	3	57.81	3	3	3	3	3	3	3	3
1/4	1,570.67	1/4	1,239.77	1/4	911.31	1/4	602.50	1/4	316.38	1/4	52.55	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,563.78	1/2	1,232.88	1/2	904.63	1/2	596.31	1/2	310.65	1/2	47.28	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,556.88	3/4	1,225.98	3/4	897.95	3/4	590.13	3/4	304.93	3/4	42.02	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,549.99	4	1,219.09	4	891.32	4	583.99	4	299.24	4	37.38	4	4	4	4	4	4	4	4
1/4	1,543.10	1/4	1,212.19	1/4	884.68	1/4	577.85	1/4	293.55	1/4	32.73	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,536.20	1/2	1,205.30	1/2	878.04	1/2	571.70	1/2	287.86	1/2	28.08	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,529.31	3/4	1,198.41	3/4	871.40	3/4	565.56	3/4	282.17	3/4	23.43	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,522.41	5	1,191.51	5	864.80	5	559.46	5	276.51	5	20.11	5	5	5	5	5	5	5	5
1/4	1,515.52	1/4	1,184.62	1/4	858.20	1/4	553.36	1/4	270.86	1/4	16.79	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,508.63	1/2	1,177.72	1/2	851.61	1/2	547.25	1/2	265.21	1/2	13.47	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,501.73	3/4	1,170.83	3/4	845.01	3/4	541.15	3/4	259.55	3/4	10.14	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,494.84	6	1,163.94	6	838.45	6	535.09	6	253.94	6		6	6	6	6	6	6	6	6
1/4	1,487.95	1/4	1,157.04	1/4	831.89	1/4	529.02	1/4	248.32	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,481.05	1/2	1,150.15	1/2	825.33	1/2	522.96	1/2	242.71	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,474.16	3/4	1,143.26	3/4	818.77	3/4	516.89	3/4	237.09	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,467.26	7	1,136.36	7	812.25	7	510.86	7	231.52	7		7	7	7	7	7	7	7	7
1/4	1,460.37	1/4	1,129.47	1/4	805.73	1/4	504.83	1/4	225.94	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,453.48	1/2	1,122.57	1/2	799.21	1/2	498.79	1/2	220.37	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,446.58	3/4	1,115.68	3/4	792.69	3/4	492.76	3/4	214.79	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,439.69	8	1,108.79	8	786.21	8	486.75	8	209.25	8		8	8	8	8	8	8	8	8
1/4	1,432.80	1/4	1,101.89	1/4	779.73	1/4	480.75	1/4	203.72	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,425.90	1/2	1,095.00	1/2	773.25	1/2	474.74	1/2	198.18	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,419.01	3/4	1,088.11	3/4	766.77	3/4	468.74	3/4	192.64	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,412.11	9	1,081.22	9	760.32	9	462.77	9	187.15	9		9	9	9	9	9	9	9	9
1/4	1,405.22	1/4	1,074.33	1/4	753.88	1/4	456.80	1/4	181.65	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,398.33	1/2	1,067.44	1/2	747.44	1/2	450.83	1/2	176.15	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,391.43	3/4	1,060.55	3/4	741.00	3/4	444.86	3/4	170.65	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,384.54	10	1,053.68	10	734.60	10	438.93	10	165.20	10		10	10	10	10	10	10	10	10
1/4	1,377.64	1/4	1,046.81	1/4	728.20	1/4	433.00	1/4	159.74	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,370.75	1/2	1,039.94	1/2	721.80	1/2	427.07	1/2	154.28	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,363.86	3/4	1,033.07	3/4	715.41	3/4	421.14	3/4	148.82	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,356.96	11	1,026.24	11	709.06	11	415.25	11	143.40	11		11	11	11	11	11	11	11	11
1/4	1,350.07	1/4	1,019.40	1/4	702.71	1/4	409.36	1/4	137.98	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,343.18	1/2	1,012.57	1/2	696.36	1/2	403.47	1/2	132.57	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,336.28	3/4	1,005.74	3/4	690.01	3/4	397.58	3/4	127.15	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: 06/02/2022 JS  
CALCULATED: 06/02/2022 CL  
PRINTED: 06/02/2022 SW

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2022



# BARGE "CTC 29112"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	4,294.87	0	3,986.94	0	3,662.42	0	3,331.23	0	3,000.03	0	2,668.84	0	2,337.64	0	2,006.43
1/4		1/4	4,586.74	1/4	4,288.62	1/4	3,980.34	1/4	3,655.52	1/4	3,324.33	1/4	2,993.13	1/4	2,661.94	1/4	2,330.74	1/4	1,999.52
1/2		1/2	4,581.95	1/2	4,282.35	1/2	3,973.71	1/2	3,648.62	1/2	3,317.43	1/2	2,986.23	1/2	2,655.04	1/2	2,323.84	1/2	1,992.62
3/4		3/4	4,577.16	3/4	4,276.08	3/4	3,967.09	3/4	3,641.72	3/4	3,310.53	3/4	2,979.33	3/4	2,648.14	3/4	2,316.94	3/4	1,985.72
1		1	4,572.37	1	4,269.81	1	3,960.47	1	3,634.82	1	3,303.63	1	2,972.43	1	2,641.24	1	2,310.04	1	1,978.82
1/4		1/4	4,567.58	1/4	4,263.54	1/4	3,953.84	1/4	3,627.92	1/4	3,296.73	1/4	2,965.53	1/4	2,634.34	1/4	2,303.14	1/4	1,971.91
1/2		1/2	4,561.50	1/2	4,257.25	1/2	3,947.19	1/2	3,621.02	1/2	3,289.83	1/2	2,958.63	1/2	2,627.44	1/2	2,296.24	1/2	1,965.01
3/4		3/4	4,555.42	3/4	4,250.95	3/4	3,940.54	3/4	3,614.12	3/4	3,282.93	3/4	2,951.73	3/4	2,620.54	3/4	2,289.34	3/4	1,958.11
2		2	4,549.33	2	4,244.65	2	3,933.89	2	3,607.22	2	3,276.03	2	2,944.83	2	2,613.64	2	2,282.44	2	1,951.21
1/4		1/4	4,543.25	1/4	4,238.36	1/4	3,927.24	1/4	3,600.32	1/4	3,269.13	1/4	2,937.94	1/4	2,606.74	1/4	2,275.54	1/4	1,944.30
1/2		1/2	4,536.48	1/2	4,232.04	1/2	3,920.56	1/2	3,593.42	1/2	3,262.23	1/2	2,931.04	1/2	2,599.84	1/2	2,268.64	1/2	1,937.40
3/4		3/4	4,529.70	3/4	4,225.71	3/4	3,913.88	3/4	3,586.52	3/4	3,255.33	3/4	2,924.14	3/4	2,592.94	3/4	2,261.74	3/4	1,930.50
3		3	4,522.93	3	4,219.39	3	3,907.21	3	3,579.62	3	3,248.43	3	2,917.24	3	2,586.04	3	2,254.84	3	1,923.60
1/4		1/4	4,516.16	1/4	4,213.07	1/4	3,900.53	1/4	3,572.72	1/4	3,241.53	1/4	2,910.34	1/4	2,579.14	1/4	2,247.94	1/4	1,916.69
1/2		1/2	4,509.30	1/2	4,206.72	1/2	3,893.83	1/2	3,565.82	1/2	3,234.63	1/2	2,903.44	1/2	2,572.24	1/2	2,241.04	1/2	1,909.79
3/4		3/4	4,502.44	3/4	4,200.37	3/4	3,887.12	3/4	3,558.92	3/4	3,227.73	3/4	2,896.54	3/4	2,565.34	3/4	2,234.14	3/4	1,902.89
4		4	4,495.57	4	4,194.02	4	3,880.42	4	3,552.02	4	3,220.83	4	2,889.64	4	2,558.44	4	2,227.24	4	1,895.99
1/4		1/4	4,488.71	1/4	4,187.67	1/4	3,873.72	1/4	3,545.12	1/4	3,213.93	1/4	2,882.74	1/4	2,551.54	1/4	2,220.34	1/4	1,889.08
1/2		1/2	4,482.05	1/2	4,181.30	1/2	3,866.99	1/2	3,538.22	1/2	3,207.03	1/2	2,875.84	1/2	2,544.64	1/2	2,213.44	1/2	1,882.18
3/4		3/4	4,475.38	3/4	4,174.92	3/4	3,860.26	3/4	3,531.32	3/4	3,200.13	3/4	2,868.94	3/4	2,537.74	3/4	2,206.54	3/4	1,875.28
5		5	4,468.72	5	4,168.55	5	3,853.53	5	3,524.42	5	3,193.23	5	2,862.04	5	2,530.84	5	2,199.64	5	1,868.38
1/4		1/4	4,462.05	1/4	4,162.17	1/4	3,846.80	1/4	3,517.52	1/4	3,186.33	1/4	2,855.14	1/4	2,523.94	1/4	2,192.74	1/4	1,861.47
1/2		1/2	4,455.76	1/2	4,155.77	1/2	3,840.04	1/2	3,510.62	1/2	3,179.43	1/2	2,848.24	1/2	2,517.04	1/2	2,185.84	1/2	1,854.57
3/4		3/4	4,449.48	3/4	4,149.37	3/4	3,833.29	3/4	3,503.72	3/4	3,172.53	3/4	2,841.34	3/4	2,510.14	3/4	2,178.94	3/4	1,847.67
6		6	4,443.19	6	4,142.97	6	3,826.53	6	3,496.82	6	3,165.63	6	2,834.44	6	2,503.24	6	2,172.04	6	1,840.77
1/4		1/4	4,436.90	1/4	4,136.57	1/4	3,819.78	1/4	3,489.92	1/4	3,158.73	1/4	2,827.54	1/4	2,496.34	1/4	2,165.14	1/4	1,833.86
1/2		1/2	4,430.79	1/2	4,130.14	1/2	3,812.99	1/2	3,483.02	1/2	3,151.83	1/2	2,820.64	1/2	2,489.44	1/2	2,158.24	1/2	1,826.96
3/4		3/4	4,424.68	3/4	4,123.71	3/4	3,806.21	3/4	3,476.13	3/4	3,144.93	3/4	2,813.74	3/4	2,482.54	3/4	2,151.34	3/4	1,820.06
7		7	4,418.56	7	4,117.29	7	3,799.43	7	3,469.23	7	3,138.03	7	2,806.84	7	2,475.64	7	2,144.44	7	1,813.15
1/4		1/4	4,412.45	1/4	4,110.86	1/4	3,792.65	1/4	3,462.33	1/4	3,131.13	1/4	2,799.94	1/4	2,468.74	1/4	2,137.54	1/4	1,806.25
1/2		1/2	4,406.31	1/2	4,104.40	1/2	3,785.84	1/2	3,455.43	1/2	3,124.23	1/2	2,793.04	1/2	2,461.84	1/2	2,130.64	1/2	1,799.35
3/4		3/4	4,400.17	3/4	4,097.95	3/4	3,779.03	3/4	3,448.53	3/4	3,117.33	3/4	2,786.14	3/4	2,454.94	3/4	2,123.74	3/4	1,792.45
8		8	4,394.03	8	4,091.50	8	3,772.23	8	3,441.63	8	3,110.43	8	2,779.24	8	2,448.04	8	2,116.84	8	1,785.54
1/4		1/4	4,387.90	1/4	4,085.04	1/4	3,765.42	1/4	3,434.73	1/4	3,103.53	1/4	2,772.34	1/4	2,441.14	1/4	2,109.94	1/4	1,778.64
1/2		1/2	4,381.73	1/2	4,078.56	1/2	3,758.58	1/2	3,427.83	1/2	3,096.63	1/2	2,765.44	1/2	2,434.24	1/2	2,103.04	1/2	1,771.74
3/4		3/4	4,375.57	3/4	4,072.08	3/4	3,751.75	3/4	3,420.93	3/4	3,089.73	3/4	2,758.54	3/4	2,427.34	3/4	2,096.14	3/4	1,764.84
9		9	4,369.40	9	4,065.60	9	3,744.91	9	3,414.03	9	3,082.83	9	2,751.64	9	2,420.44	9	2,089.24	9	1,757.93
1/4		1/4	4,363.23	1/4	4,059.12	1/4	3,738.08	1/4	3,407.13	1/4	3,075.93	1/4	2,744.74	1/4	2,413.54	1/4	2,082.34	1/4	1,751.03
1/2		1/2	4,357.04	1/2	4,052.60	1/2	3,731.22	1/2	3,400.23	1/2	3,069.03	1/2	2,737.84	1/2	2,406.64	1/2	2,075.44	1/2	1,744.13
3/4		3/4	4,350.85	3/4	4,046.07	3/4	3,724.36	3/4	3,393.33	3/4	3,062.13	3/4	2,730.94	3/4	2,399.74	3/4	2,068.54	3/4	1,737.23
10		10	4,344.66	10	4,039.55	10	3,717.50	10	3,386.43	10	3,055.23	10	2,724.04	10	2,392.84	10	2,061.64	10	1,730.32
1/4		1/4	4,338.47	1/4	4,033.02	1/4	3,710.64	1/4	3,379.53	1/4	3,048.33	1/4	2,717.14	1/4	2,385.94	1/4	2,054.74	1/4	1,723.42
1/2		1/2	4,332.25	1/2	4,026.45	1/2	3,703.75	1/2	3,372.63	1/2	3,041.43	1/2	2,710.24	1/2	2,379.04	1/2	2,047.84	1/2	1,716.52
3/4		3/4	4,326.03	3/4	4,019.88	3/4	3,696.87	3/4	3,365.73	3/4	3,034.53	3/4	2,703.34	3/4	2,372.14	3/4	2,040.94	3/4	1,709.62
11		11	4,319.82	11	4,013.30	11	3,689.99	11	3,358.83	11	3,027.63	11	2,696.44	11	2,365.24	11	2,034.04	11	1,702.71
1/4		1/4	4,313.60	1/4	4,006.73	1/4	3,683.10	1/4	3,351.93	1/4	3,020.73	1/4	2,689.54	1/4	2,358.34	1/4	2,027.14	1/4	1,695.81
1/2		1/2	4,307.35	1/2	4,000.13	1/2	3,676.21	1/2	3,345.03	1/2	3,013.83	1/2	2,682.64	1/2	2,351.44	1/2	2,020.23	1/2	1,688.91
3/4		3/4	4,301.11	3/4	3,993.54	3/4	3,669.31	3/4	3,338.13	3/4	3,006.93	3/4	2,675.74	3/4	2,344.54	3/4	2,013.33	3/4	1,682.01

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "CTC 29112"

## 1 STBD 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	1,675.10	0	1,343.78	0	1,012.78	0	697.16	0	403.92	0	132.71	0		0		0		0	
1/4	1,668.20	1/4	1,336.88	1/4	1,005.95	1/4	690.81	1/4	398.03	1/4	127.29	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,661.30	1/2	1,329.97	1/2	999.17	1/2	684.50	1/2	392.17	1/2	121.90	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,654.39	3/4	1,323.07	3/4	992.38	3/4	678.19	3/4	386.31	3/4	116.52	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,647.49	1	1,316.17	1	985.60	1	671.88	1	380.45	1	111.13	1	1	1	1	1	1	1	1
1/4	1,640.59	1/4	1,309.26	1/4	978.82	1/4	665.57	1/4	374.59	1/4	105.75	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,633.69	1/2	1,302.36	1/2	972.07	1/2	659.30	1/2	368.78	1/2	100.40	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,626.78	3/4	1,295.46	3/4	965.33	3/4	653.03	3/4	362.96	3/4	95.06	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,619.88	2	1,288.56	2	958.59	2	646.77	2	357.14	2	89.71	2	2	2	2	2	2	2	2
1/4	1,612.98	1/4	1,281.65	1/4	951.84	1/4	640.50	1/4	351.32	1/4	84.36	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,606.08	1/2	1,274.75	1/2	945.14	1/2	634.26	1/2	345.54	1/2	79.06	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,599.17	3/4	1,267.85	3/4	938.44	3/4	628.03	3/4	339.76	3/4	73.75	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,592.27	3	1,260.95	3	931.73	3	621.80	3	333.99	3	68.44	3	3	3	3	3	3	3	3
1/4	1,585.37	1/4	1,254.04	1/4	925.03	1/4	615.57	1/4	328.21	1/4	63.14	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,578.47	1/2	1,247.14	1/2	918.36	1/2	609.38	1/2	322.47	1/2	57.87	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,571.56	3/4	1,240.24	3/4	911.70	3/4	603.19	3/4	316.74	3/4	52.60	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,564.66	4	1,233.34	4	905.04	4	597.00	4	311.00	4	47.34	4	4	4	4	4	4	4	4
1/4	1,557.76	1/4	1,226.43	1/4	898.37	1/4	590.81	1/4	305.27	1/4	42.07	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,550.86	1/2	1,219.53	1/2	891.75	1/2	584.66	1/2	299.57	1/2	37.42	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,543.95	3/4	1,212.63	3/4	885.12	3/4	578.51	3/4	293.87	3/4	32.76	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,537.05	5	1,205.73	5	878.50	5	572.36	5	288.18	5	28.11	5	5	5	5	5	5	5	5
1/4	1,530.15	1/4	1,198.82	1/4	871.87	1/4	566.21	1/4	282.48	1/4	23.46	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,523.25	1/2	1,191.92	1/2	865.29	1/2	560.10	1/2	276.82	1/2	20.13	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,516.34	3/4	1,185.02	3/4	858.70	3/4	553.99	3/4	271.16	3/4	16.81	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,509.44	6	1,178.12	6	852.11	6	547.88	6	265.50	6	13.48	6	6	6	6	6	6	6	6
1/4	1,502.54	1/4	1,171.21	1/4	845.53	1/4	541.77	1/4	259.84	1/4	10.16	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,495.64	1/2	1,164.31	1/2	838.98	1/2	535.70	1/2	254.22	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,488.73	3/4	1,157.41	3/4	832.44	3/4	529.63	3/4	248.60	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,481.83	7	1,150.51	7	825.89	7	523.56	7	242.98	7	7	7	7	7	7	7	7	7	7
1/4	1,474.93	1/4	1,143.60	1/4	819.34	1/4	517.48	1/4	237.36	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,468.02	1/2	1,136.70	1/2	812.84	1/2	511.44	1/2	231.77	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,461.12	3/4	1,129.80	3/4	806.33	3/4	505.40	3/4	226.19	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,454.22	8	1,122.89	8	799.82	8	499.36	8	220.61	8	8	8	8	8	8	8	8	8	8
1/4	1,447.32	1/4	1,115.99	1/4	793.32	1/4	493.32	1/4	215.03	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,440.41	1/2	1,109.09	1/2	786.85	1/2	487.31	1/2	209.48	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,433.51	3/4	1,102.19	3/4	780.38	3/4	481.30	3/4	203.94	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,426.61	9	1,095.28	9	773.91	9	475.28	9	198.40	9	9	9	9	9	9	9	9	9	9
1/4	1,419.71	1/4	1,088.38	1/4	767.45	1/4	469.27	1/4	192.86	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,412.80	1/2	1,081.48	1/2	761.02	1/2	463.29	1/2	187.35	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,405.90	3/4	1,074.59	3/4	754.59	3/4	457.32	3/4	181.85	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,399.00	10	1,067.69	10	748.16	10	451.34	10	176.35	10	10	10	10	10	10	10	10	10	10
1/4	1,392.10	1/4	1,060.79	1/4	741.74	1/4	445.37	1/4	170.84	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,385.19	1/2	1,053.91	1/2	735.35	1/2	439.43	1/2	165.38	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,378.29	3/4	1,047.04	3/4	728.96	3/4	433.49	3/4	159.91	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,371.39	11	1,040.16	11	722.58	11	427.55	11	154.45	11	11	11	11	11	11	11	11	11	11
1/4	1,364.49	1/4	1,033.28	1/4	716.19	1/4	421.62	1/4	148.99	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,357.58	1/2	1,026.45	1/2	709.85	1/2	415.72	1/2	143.56	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,350.68	3/4	1,019.61	3/4	703.50	3/4	409.82	3/4	138.14	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/02/2022 JS  
CALCULATED: 06/02/2022 CL  
PRINTED: 06/02/2022 SW

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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Pearland, Texas 77588  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2022



# BARGE "CTC 29112"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 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	5,545.58	0	5,194.75	0	4,833.34	0	4,452.64	0	4,064.80	0	3,676.97	0	3,289.12	0	2,901.28	0	2,513.40
1/4		1/4	5,539.97	1/4	5,187.41	1/4	4,825.58	1/4	4,444.56	1/4	4,056.72	1/4	3,668.89	1/4	3,281.04	1/4	2,893.20	1/4	2,505.31
1/2		1/2	5,534.37	1/2	5,180.07	1/2	4,817.83	1/2	4,436.48	1/2	4,048.64	1/2	3,660.81	1/2	3,272.96	1/2	2,885.12	1/2	2,497.23
3/4		3/4	5,528.76	3/4	5,172.73	3/4	4,810.07	3/4	4,428.40	3/4	4,040.56	3/4	3,652.73	3/4	3,264.88	3/4	2,877.04	3/4	2,489.15
1		1	5,521.63	1	5,165.35	1	4,802.28	1	4,420.32	1	4,032.48	1	3,644.64	1	3,256.80	1	2,868.96	1	2,481.06
1/4		1/4	5,514.51	1/4	5,157.98	1/4	4,794.49	1/4	4,412.24	1/4	4,024.40	1/4	3,636.56	1/4	3,248.72	1/4	2,860.88	1/4	2,472.98
1/2		1/2	5,507.39	1/2	5,150.61	1/2	4,786.70	1/2	4,404.16	1/2	4,016.32	1/2	3,628.48	1/2	3,240.64	1/2	2,852.80	1/2	2,464.90
3/4		3/4	5,500.26	3/4	5,143.24	3/4	4,778.92	3/4	4,396.08	3/4	4,008.24	3/4	3,620.40	3/4	3,232.56	3/4	2,844.72	3/4	2,456.82
2		2	5,492.33	2	5,135.83	2	4,771.10	2	4,388.00	2	4,000.16	2	3,612.32	2	3,224.48	2	2,836.64	2	2,448.73
1/4		1/4	5,484.40	1/4	5,128.43	1/4	4,763.28	1/4	4,379.92	1/4	3,992.08	1/4	3,604.24	1/4	3,216.40	1/4	2,828.56	1/4	2,440.65
1/2		1/2	5,476.46	1/2	5,121.03	1/2	4,755.46	1/2	4,371.84	1/2	3,984.00	1/2	3,596.16	1/2	3,208.32	1/2	2,820.48	1/2	2,432.57
3/4		3/4	5,468.53	3/4	5,113.62	3/4	4,747.64	3/4	4,363.76	3/4	3,975.92	3/4	3,588.08	3/4	3,200.24	3/4	2,812.40	3/4	2,424.48
3		3	5,460.50	3	5,106.19	3	4,739.79	3	4,355.68	3	3,967.84	3	3,580.00	3	3,192.16	3	2,804.32	3	2,416.40
1/4		1/4	5,452.47	1/4	5,098.75	1/4	4,731.94	1/4	4,347.60	1/4	3,959.76	1/4	3,571.92	1/4	3,184.08	1/4	2,796.24	1/4	2,408.32
1/2		1/2	5,444.43	1/2	5,091.32	1/2	4,724.09	1/2	4,339.52	1/2	3,951.68	1/2	3,563.84	1/2	3,176.00	1/2	2,788.16	1/2	2,400.23
3/4		3/4	5,436.40	3/4	5,083.89	3/4	4,716.24	3/4	4,331.44	3/4	3,943.60	3/4	3,555.76	3/4	3,167.92	3/4	2,780.08	3/4	2,392.15
4		4	5,428.59	4	5,076.42	4	4,708.36	4	4,323.36	4	3,935.52	4	3,547.68	4	3,159.84	4	2,772.00	4	2,384.07
1/4		1/4	5,420.79	1/4	5,068.96	1/4	4,700.48	1/4	4,315.28	1/4	3,927.44	1/4	3,539.60	1/4	3,151.76	1/4	2,763.92	1/4	2,375.98
1/2		1/2	5,412.98	1/2	5,061.49	1/2	4,692.60	1/2	4,307.20	1/2	3,919.36	1/2	3,531.52	1/2	3,143.68	1/2	2,755.84	1/2	2,367.90
3/4		3/4	5,405.17	3/4	5,054.03	3/4	4,684.72	3/4	4,299.12	3/4	3,911.28	3/4	3,523.44	3/4	3,135.60	3/4	2,747.76	3/4	2,359.82
5		5	5,397.81	5	5,046.53	5	4,676.81	5	4,291.04	5	3,903.20	5	3,515.36	5	3,127.52	5	2,739.68	5	2,351.73
1/4		1/4	5,390.45	1/4	5,039.03	1/4	4,668.90	1/4	4,282.96	1/4	3,895.12	1/4	3,507.28	1/4	3,119.44	1/4	2,731.60	1/4	2,343.65
1/2		1/2	5,383.09	1/2	5,031.54	1/2	4,660.99	1/2	4,274.88	1/2	3,887.04	1/2	3,499.20	1/2	3,111.36	1/2	2,723.52	1/2	2,335.57
3/4		3/4	5,375.73	3/4	5,024.04	3/4	4,653.07	3/4	4,266.80	3/4	3,878.96	3/4	3,491.12	3/4	3,103.28	3/4	2,715.44	3/4	2,327.49
6		6	5,368.57	6	5,016.52	6	4,645.13	6	4,258.72	6	3,870.88	6	3,483.04	6	3,095.20	6	2,707.36	6	2,319.40
1/4		1/4	5,361.41	1/4	5,008.99	1/4	4,637.19	1/4	4,250.64	1/4	3,862.80	1/4	3,474.96	1/4	3,087.12	1/4	2,699.28	1/4	2,311.32
1/2		1/2	5,354.25	1/2	5,001.46	1/2	4,629.25	1/2	4,242.56	1/2	3,854.72	1/2	3,466.88	1/2	3,079.04	1/2	2,691.20	1/2	2,303.24
3/4		3/4	5,347.10	3/4	4,993.94	3/4	4,621.31	3/4	4,234.48	3/4	3,846.64	3/4	3,458.80	3/4	3,070.96	3/4	2,683.12	3/4	2,295.15
7		7	5,339.91	7	4,986.38	7	4,613.33	7	4,226.40	7	3,838.56	7	3,450.72	7	3,062.88	7	2,675.04	7	2,287.07
1/4		1/4	5,332.72	1/4	4,978.82	1/4	4,605.36	1/4	4,218.32	1/4	3,830.48	1/4	3,442.64	1/4	3,054.80	1/4	2,666.96	1/4	2,278.99
1/2		1/2	5,325.53	1/2	4,971.27	1/2	4,597.39	1/2	4,210.24	1/2	3,822.40	1/2	3,434.56	1/2	3,046.72	1/2	2,658.88	1/2	2,270.90
3/4		3/4	5,318.34	3/4	4,963.71	3/4	4,589.42	3/4	4,202.16	3/4	3,814.32	3/4	3,426.48	3/4	3,038.64	3/4	2,650.80	3/4	2,262.82
8		8	5,311.12	8	4,956.12	8	4,581.41	8	4,194.08	8	3,806.24	8	3,418.40	8	3,030.56	8	2,642.72	8	2,254.74
1/4		1/4	5,303.90	1/4	4,948.53	1/4	4,573.41	1/4	4,186.00	1/4	3,798.16	1/4	3,410.32	1/4	3,022.48	1/4	2,634.64	1/4	2,246.65
1/2		1/2	5,296.68	1/2	4,940.95	1/2	4,565.41	1/2	4,177.92	1/2	3,790.08	1/2	3,402.24	1/2	3,014.40	1/2	2,626.56	1/2	2,238.57
3/4		3/4	5,289.46	3/4	4,933.36	3/4	4,557.40	3/4	4,169.84	3/4	3,782.00	3/4	3,394.16	3/4	3,006.32	3/4	2,618.48	3/4	2,230.49
9		9	5,282.21	9	4,925.72	9	4,549.37	9	4,161.76	9	3,773.92	9	3,386.08	9	2,998.24	9	2,610.40	9	2,222.41
1/4		1/4	5,274.96	1/4	4,918.08	1/4	4,541.34	1/4	4,153.68	1/4	3,765.84	1/4	3,378.00	1/4	2,990.16	1/4	2,602.32	1/4	2,214.32
1/2		1/2	5,267.71	1/2	4,910.43	1/2	4,533.30	1/2	4,145.60	1/2	3,757.76	1/2	3,369.92	1/2	2,982.08	1/2	2,594.24	1/2	2,206.24
3/4		3/4	5,260.46	3/4	4,902.79	3/4	4,525.27	3/4	4,137.52	3/4	3,749.68	3/4	3,361.84	3/4	2,974.00	3/4	2,586.16	3/4	2,198.16
10		10	5,253.18	10	4,895.10	10	4,517.21	10	4,129.44	10	3,741.60	10	3,353.76	10	2,965.92	10	2,578.07	10	2,190.07
1/4		1/4	5,245.90	1/4	4,887.40	1/4	4,509.15	1/4	4,121.36	1/4	3,733.53	1/4	3,345.68	1/4	2,957.84	1/4	2,569.98	1/4	2,181.99
1/2		1/2	5,238.62	1/2	4,879.70	1/2	4,501.09	1/2	4,113.28	1/2	3,725.45	1/2	3,337.60	1/2	2,949.76	1/2	2,561.90	1/2	2,173.91
3/4		3/4	5,231.34	3/4	4,872.01	3/4	4,493.03	3/4	4,105.20	3/4	3,717.37	3/4	3,329.52	3/4	2,941.68	3/4	2,553.81	3/4	2,165.82
11		11	5,224.03	11	4,864.28	11	4,484.95	11	4,097.12	11	3,709.29	11	3,321.44	11	2,933.60	11	2,545.73	11	2,157.74
1/4		1/4	5,216.72	1/4	4,856.55	1/4	4,476.87	1/4	4,089.04	1/4	3,701.21	1/4	3,313.36	1/4	2,925.52	1/4	2,537.65	1/4	2,149.66
1/2		1/2	5,209.41	1/2	4,848.83	1/2	4,468.79	1/2	4,080.96	1/2	3,693.13	1/2	3,305.28	1/2	2,917.44	1/2	2,529.56	1/2	2,141.57
3/4		3/4	5,551.19	3/4	5,202.10	3/4	4,841.10	3/4	4,460.72	3/4	4,072.88	3/4	3,685.05	3/4	3,297.20	3/4	2,521.48	3/4	2,133.49

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "CTC 29112"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 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	2,125.41	0	1,737.42	0	1,349.43	0	961.53	0	574.22	0	186.28	0		0		0		0	
1/4	2,117.33	1/4	1,729.34	1/4	1,341.35	1/4	953.47	1/4	566.14	1/4	178.19	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,109.24	1/2	1,721.25	1/2	1,333.26	1/2	945.41	1/2	558.06	1/2	170.11	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,101.16	3/4	1,713.17	3/4	1,325.18	3/4	937.35	3/4	549.97	3/4	162.03	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,093.08	1	1,705.09	1	1,317.10	1	929.29	1	541.89	1	153.95	1	1	1	1	1	1	1	1
1/4	2,084.99	1/4	1,697.00	1/4	1,309.02	1/4	921.23	1/4	533.81	1/4	145.86	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,076.91	1/2	1,688.92	1/2	1,300.93	1/2	913.16	1/2	525.72	1/2	137.78	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,068.83	3/4	1,680.84	3/4	1,292.85	3/4	905.10	3/4	517.64	3/4	129.70	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,060.74	2	1,672.75	2	1,284.77	2	897.04	2	509.56	2	121.61	2	2	2	2	2	2	2	2
1/4	2,052.66	1/4	1,664.67	1/4	1,276.68	1/4	888.98	1/4	501.48	1/4	113.53	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,044.58	1/2	1,656.59	1/2	1,268.60	1/2	880.92	1/2	493.39	1/2	105.45	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,036.49	3/4	1,648.51	3/4	1,260.52	3/4	872.86	3/4	485.31	3/4	97.36	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	2,028.41	3	1,640.42	3	1,252.43	3	864.80	3	477.23	3	89.28	3	3	3	3	3	3	3	3
1/4	2,020.33	1/4	1,632.34	1/4	1,244.35	1/4	856.74	1/4	469.16	1/4	81.20	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,012.24	1/2	1,624.26	1/2	1,236.27	1/2	848.67	1/2	461.08	1/2	73.11	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,004.16	3/4	1,616.17	3/4	1,228.18	3/4	840.61	3/4	453.00	3/4	65.03	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,996.08	4	1,608.09	4	1,220.10	4	832.55	4	444.92	4	57.62	4	4	4	4	4	4	4	4
1/4	1,988.00	1/4	1,600.01	1/4	1,212.02	1/4	824.49	1/4	436.84	1/4	50.21	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,979.91	1/2	1,591.92	1/2	1,203.93	1/2	816.43	1/2	428.76	1/2	42.80	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,971.83	3/4	1,583.84	3/4	1,195.85	3/4	808.37	3/4	420.68	3/4	35.39	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,963.75	5	1,575.76	5	1,187.77	5	800.31	5	412.60	5	30.00	5	5	5	5	5	5	5	5
1/4	1,955.66	1/4	1,567.67	1/4	1,179.69	1/4	792.26	1/4	404.52	1/4	24.61	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,947.58	1/2	1,559.59	1/2	1,171.60	1/2	784.20	1/2	396.44	1/2	19.23	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,939.50	3/4	1,551.51	3/4	1,163.52	3/4	776.14	3/4	388.36	3/4	13.84	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,931.41	6	1,543.42	6	1,155.44	6	768.08	6	380.27	6		6	6	6	6	6	6	6	6
1/4	1,923.33	1/4	1,535.34	1/4	1,147.35	1/4	760.02	1/4	372.19	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,915.25	1/2	1,527.26	1/2	1,139.27	1/2	751.96	1/2	364.11	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,907.16	3/4	1,519.18	3/4	1,131.19	3/4	743.90	3/4	356.03	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,899.08	7	1,511.09	7	1,123.10	7	735.83	7	347.94	7		7	7	7	7	7	7	7	7
1/4	1,891.00	1/4	1,503.01	1/4	1,115.02	1/4	727.76	1/4	339.86	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,882.92	1/2	1,494.93	1/2	1,106.94	1/2	719.69	1/2	331.78	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,874.83	3/4	1,486.84	3/4	1,098.85	3/4	711.62	3/4	323.69	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,866.75	8	1,478.76	8	1,090.77	8	703.54	8	315.61	8		8	8	8	8	8	8	8	8
1/4	1,858.67	1/4	1,470.68	1/4	1,082.69	1/4	695.46	1/4	307.53	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,850.58	1/2	1,462.59	1/2	1,074.61	1/2	687.38	1/2	299.44	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,842.50	3/4	1,454.51	3/4	1,066.52	3/4	679.30	3/4	291.36	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,834.42	9	1,446.43	9	1,058.44	9	671.22	9	283.28	9		9	9	9	9	9	9	9	9
1/4	1,826.33	1/4	1,438.34	1/4	1,050.36	1/4	663.14	1/4	275.19	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,818.25	1/2	1,430.26	1/2	1,042.27	1/2	655.05	1/2	267.11	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,810.17	3/4	1,422.18	3/4	1,034.19	3/4	646.97	3/4	259.03	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,802.08	10	1,414.10	10	1,026.11	10	638.89	10	250.94	10		10	10	10	10	10	10	10	10
1/4	1,794.00	1/4	1,406.01	1/4	1,018.03	1/4	630.80	1/4	242.86	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,785.92	1/2	1,397.93	1/2	1,009.95	1/2	622.72	1/2	234.78	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,777.83	3/4	1,389.85	3/4	1,001.87	3/4	614.64	3/4	226.69	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,769.75	11	1,381.76	11	993.80	11	606.56	11	218.61	11		11	11	11	11	11	11	11	11
1/4	1,761.67	1/4	1,373.68	1/4	985.73	1/4	598.47	1/4	210.53	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,753.59	1/2	1,365.60	1/2	977.66	1/2	590.39	1/2	202.44	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,745.50	3/4	1,357.51	3/4	969.59	3/4	582.31	3/4	194.36	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: 06/02/2022 JS  
CALCULATED: 06/02/2022 CL  
PRINTED: 06/02/2022 SW

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>



CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2022



# BARGE "CTC 29112"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0	5,532.29	0	5,182.75	0	4,821.29	0	4,440.44	0	4,052.13	0	3,663.82	0	3,275.50	0	2,887.18	0	2,498.84
1/4		1/4	5,526.68	1/4	5,175.40	1/4	4,813.52	1/4	4,432.35	1/4	4,044.04	1/4	3,655.73	1/4	3,267.41	1/4	2,879.09	1/4	2,490.75
1/2		1/2	5,521.06	1/2	5,168.05	1/2	4,805.76	1/2	4,424.26	1/2	4,035.95	1/2	3,647.64	1/2	3,259.32	1/2	2,871.00	1/2	2,482.65
3/4		3/4	5,515.45	3/4	5,160.70	3/4	4,797.99	3/4	4,416.17	3/4	4,027.86	3/4	3,639.55	3/4	3,251.23	3/4	2,862.91	3/4	2,474.56
1		1	5,509.83	1	5,153.35	1	4,790.22	1	4,408.08	1	4,019.77	1	3,631.46	1	3,243.14	1	2,854.82	1	2,466.47
1/4		1/4	5,502.70	1/4	5,145.97	1/4	4,782.42	1/4	4,399.99	1/4	4,011.68	1/4	3,623.37	1/4	3,235.05	1/4	2,846.73	1/4	2,458.37
1/2		1/2	5,495.57	1/2	5,138.58	1/2	4,774.63	1/2	4,391.90	1/2	4,003.59	1/2	3,615.28	1/2	3,226.96	1/2	2,838.64	1/2	2,450.28
3/4		3/4	5,488.43	3/4	5,131.20	3/4	4,766.83	3/4	4,383.81	3/4	3,995.50	3/4	3,607.19	3/4	3,218.87	3/4	2,830.55	3/4	2,442.19
2		2	5,481.30	2	5,123.82	2	4,759.03	2	4,375.72	2	3,987.41	2	3,599.10	2	3,210.78	2	2,822.46	2	2,434.10
1/4		1/4	5,473.36	1/4	5,116.40	1/4	4,751.20	1/4	4,367.63	1/4	3,979.32	1/4	3,591.01	1/4	3,202.69	1/4	2,814.37	1/4	2,426.00
1/2		1/2	5,465.42	1/2	5,108.99	1/2	4,743.37	1/2	4,359.54	1/2	3,971.23	1/2	3,582.92	1/2	3,194.60	1/2	2,806.29	1/2	2,417.91
3/4		3/4	5,457.48	3/4	5,101.58	3/4	4,735.54	3/4	4,351.45	3/4	3,963.14	3/4	3,574.83	3/4	3,186.51	3/4	2,798.20	3/4	2,409.82
3		3	5,449.54	3	5,094.17	3	4,727.71	3	4,343.36	3	3,955.05	3	3,566.74	3	3,178.42	3	2,790.11	3	2,401.72
1/4		1/4	5,441.49	1/4	5,086.72	1/4	4,719.86	1/4	4,335.27	1/4	3,946.96	1/4	3,558.65	1/4	3,170.33	1/4	2,782.02	1/4	2,393.63
1/2		1/2	5,433.45	1/2	5,079.28	1/2	4,712.00	1/2	4,327.18	1/2	3,938.87	1/2	3,550.56	1/2	3,162.24	1/2	2,773.93	1/2	2,385.54
3/4		3/4	5,425.41	3/4	5,071.83	3/4	4,704.14	3/4	4,319.09	3/4	3,930.78	3/4	3,542.47	3/4	3,154.15	3/4	2,765.84	3/4	2,377.44
4		4	5,417.37	4	5,064.39	4	4,696.28	4	4,311.00	4	3,922.69	4	3,534.38	4	3,146.06	4	2,757.75	4	2,369.35
1/4		1/4	5,409.55	1/4	5,056.92	1/4	4,688.39	1/4	4,302.91	1/4	3,914.60	1/4	3,526.29	1/4	3,137.97	1/4	2,749.66	1/4	2,361.26
1/2		1/2	5,401.73	1/2	5,049.44	1/2	4,680.50	1/2	4,294.82	1/2	3,906.51	1/2	3,518.20	1/2	3,129.88	1/2	2,741.57	1/2	2,353.17
3/4		3/4	5,393.92	3/4	5,041.97	3/4	4,672.61	3/4	4,286.73	3/4	3,898.42	3/4	3,510.11	3/4	3,121.79	3/4	2,733.48	3/4	2,345.07
5		5	5,386.10	5	5,034.49	5	4,664.72	5	4,278.64	5	3,890.33	5	3,502.02	5	3,113.70	5	2,725.39	5	2,336.98
1/4		1/4	5,378.73	1/4	5,026.99	1/4	4,656.80	1/4	4,270.55	1/4	3,882.24	1/4	3,493.93	1/4	3,105.61	1/4	2,717.30	1/4	2,328.89
1/2		1/2	5,371.36	1/2	5,019.48	1/2	4,648.87	1/2	4,262.46	1/2	3,874.15	1/2	3,485.84	1/2	3,097.52	1/2	2,709.21	1/2	2,320.79
3/4		3/4	5,363.99	3/4	5,011.98	3/4	4,640.95	3/4	4,254.38	3/4	3,866.06	3/4	3,477.75	3/4	3,089.43	3/4	2,701.12	3/4	2,312.70
6		6	5,356.62	6	5,004.47	6	4,633.03	6	4,246.29	6	3,857.97	6	3,469.66	6	3,081.34	6	2,693.03	6	2,304.61
1/4		1/4	5,349.45	1/4	4,996.93	1/4	4,625.08	1/4	4,238.20	1/4	3,849.89	1/4	3,461.57	1/4	3,073.25	1/4	2,684.94	1/4	2,296.51
1/2		1/2	5,342.28	1/2	4,989.40	1/2	4,617.13	1/2	4,230.11	1/2	3,841.80	1/2	3,453.48	1/2	3,065.16	1/2	2,676.85	1/2	2,288.42
3/4		3/4	5,335.11	3/4	4,981.86	3/4	4,609.18	3/4	4,222.02	3/4	3,833.71	3/4	3,445.39	3/4	3,057.07	3/4	2,668.76	3/4	2,280.33
7		7	5,327.95	7	4,974.33	7	4,601.23	7	4,213.93	7	3,825.62	7	3,437.30	7	3,048.98	7	2,660.67	7	2,272.24
1/4		1/4	5,320.75	1/4	4,966.76	1/4	4,593.24	1/4	4,205.84	1/4	3,817.53	1/4	3,429.21	1/4	3,040.89	1/4	2,652.58	1/4	2,264.14
1/2		1/2	5,313.55	1/2	4,959.19	1/2	4,585.26	1/2	4,197.75	1/2	3,809.44	1/2	3,421.12	1/2	3,032.80	1/2	2,644.49	1/2	2,256.05
3/4		3/4	5,306.35	3/4	4,951.63	3/4	4,577.28	3/4	4,189.66	3/4	3,801.35	3/4	3,413.03	3/4	3,024.71	3/4	2,636.40	3/4	2,247.96
8		8	5,299.15	8	4,944.06	8	4,569.30	8	4,181.57	8	3,793.26	8	3,404.94	8	3,016.62	8	2,628.31	8	2,239.86
1/4		1/4	5,291.93	1/4	4,936.46	1/4	4,561.28	1/4	4,173.48	1/4	3,785.17	1/4	3,396.85	1/4	3,008.53	1/4	2,620.22	1/4	2,231.77
1/2		1/2	5,284.70	1/2	4,928.86	1/2	4,553.27	1/2	4,165.39	1/2	3,777.08	1/2	3,388.76	1/2	3,000.44	1/2	2,612.13	1/2	2,223.68
3/4		3/4	5,277.47	3/4	4,921.27	3/4	4,545.26	3/4	4,157.30	3/4	3,768.99	3/4	3,380.67	3/4	2,992.35	3/4	2,604.04	3/4	2,215.58
9		9	5,270.24	9	4,913.67	9	4,537.24	9	4,149.21	9	3,760.90	9	3,372.58	9	2,984.26	9	2,595.95	9	2,207.49
1/4		1/4	5,262.98	1/4	4,906.02	1/4	4,529.20	1/4	4,141.12	1/4	3,752.81	1/4	3,364.49	1/4	2,976.17	1/4	2,587.86	1/4	2,199.40
1/2		1/2	5,255.72	1/2	4,898.37	1/2	4,521.16	1/2	4,133.03	1/2	3,744.72	1/2	3,356.40	1/2	2,968.08	1/2	2,579.77	1/2	2,191.31
3/4		3/4	5,248.46	3/4	4,890.71	3/4	4,513.11	3/4	4,124.94	3/4	3,736.63	3/4	3,348.31	3/4	2,959.99	3/4	2,571.68	3/4	2,183.21
10		10	5,241.20	10	4,883.06	10	4,505.07	10	4,116.85	10	3,728.54	10	3,340.22	10	2,951.90	10	2,563.59	10	2,175.12
1/4		1/4	5,233.91	1/4	4,875.36	1/4	4,497.00	1/4	4,108.76	1/4	3,720.45	1/4	3,332.13	1/4	2,943.81	1/4	2,555.49	1/4	2,167.03
1/2		1/2	5,226.62	1/2	4,867.65	1/2	4,488.93	1/2	4,100.67	1/2	3,712.36	1/2	3,324.04	1/2	2,935.72	1/2	2,547.40	1/2	2,158.93
3/4		3/4	5,219.33	3/4	4,859.95	3/4	4,480.86	3/4	4,092.58	3/4	3,704.27	3/4	3,315.95	3/4	2,927.63	3/4	2,539.31	3/4	2,150.84
11		11	5,212.04	11	4,852.24	11	4,472.79	11	4,084.49	11	3,696.18	11	3,307.86	11	2,919.54	11	2,531.21	11	2,142.75
1/4		1/4	5,204.72	1/4	4,844.50	1/4	4,464.70	1/4	4,076.40	1/4	3,688.09	1/4	3,299.77	1/4	2,911.45	1/4	2,523.12	1/4	2,134.65
1/2		1/2	5,197.40	1/2	4,836.77	1/2	4,456.61	1/2	4,068.31	1/2	3,680.00	1/2	3,291.68	1/2	2,903.36	1/2	2,515.03	1/2	2,126.56
3/4		3/4	5,190.08	3/4	4,829.03	3/4	4,448.53	3/4	4,060.22	3/4	3,671.91	3/4	3,283.59	3/4	2,895.27	3/4	2,506.93	3/4	2,118.47

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "CTC 29112"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,110.38	0	1,721.91	0	1,333.45	0	959.14	0	583.02	0	194.60	0		0		0		0	
1/4	2,102.28	1/4	1,713.82	1/4	1,325.51	1/4	951.38	1/4	574.93	1/4	186.51	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,094.19	1/2	1,705.73	1/2	1,317.57	1/2	943.61	1/2	566.83	1/2	178.41	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,086.10	3/4	1,697.63	3/4	1,309.63	3/4	935.85	3/4	558.74	3/4	170.32	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,078.00	1	1,689.54	1	1,301.69	1	928.08	1	550.65	1	162.23	1	1	1	1	1	1	1	1
1/4	2,069.91	1/4	1,681.45	1/4	1,293.90	1/4	920.32	1/4	542.55	1/4	154.13	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,061.82	1/2	1,673.35	1/2	1,286.12	1/2	912.55	1/2	534.46	1/2	146.04	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,053.72	3/4	1,665.26	3/4	1,278.33	3/4	904.79	3/4	526.37	3/4	137.95	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,045.63	2	1,657.17	2	1,270.54	2	897.02	2	518.27	2	129.86	2	2	2	2	2	2	2	2
1/4	2,037.54	1/4	1,649.07	1/4	1,262.76	1/4	889.26	1/4	510.18	1/4	121.76	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,029.45	1/2	1,640.98	1/2	1,254.97	1/2	881.49	1/2	502.09	1/2	113.67	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,021.35	3/4	1,632.89	3/4	1,247.18	3/4	873.73	3/4	494.00	3/4	105.58	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	2,013.26	3	1,624.80	3	1,239.40	3	865.96	3	485.91	3	97.48	3	3	3	3	3	3	3	3
1/4	2,005.17	1/4	1,616.70	1/4	1,231.61	1/4	858.20	1/4	477.82	1/4	89.39	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,997.07	1/2	1,608.61	1/2	1,223.82	1/2	850.43	1/2	469.73	1/2	81.30	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,988.98	3/4	1,600.52	3/4	1,216.03	3/4	842.67	3/4	461.64	3/4	73.20	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,980.89	4	1,592.42	4	1,208.25	4	834.90	4	453.55	4	65.11	4	4	4	4	4	4	4	4
1/4	1,972.79	1/4	1,584.33	1/4	1,200.46	1/4	827.14	1/4	445.47	1/4	57.69	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,964.70	1/2	1,576.24	1/2	1,192.67	1/2	819.38	1/2	437.38	1/2	50.27	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,956.61	3/4	1,568.14	3/4	1,184.89	3/4	811.61	3/4	429.29	3/4	42.86	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,948.52	5	1,560.05	5	1,177.10	5	803.85	5	421.20	5	35.44	5	5	5	5	5	5	5	5
1/4	1,940.42	1/4	1,551.96	1/4	1,169.31	1/4	796.09	1/4	413.11	1/4	30.04	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,932.33	1/2	1,543.87	1/2	1,161.53	1/2	788.32	1/2	405.02	1/2	24.65	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,924.24	3/4	1,535.77	3/4	1,153.74	3/4	780.56	3/4	396.92	3/4	19.25	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,916.14	6	1,527.68	6	1,145.95	6	772.80	6	388.83	6	13.85	6	6	6	6	6	6	6	6
1/4	1,908.05	1/4	1,519.59	1/4	1,138.17	1/4	765.04	1/4	380.74	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,899.96	1/2	1,511.49	1/2	1,130.38	1/2	757.27	1/2	372.65	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,891.86	3/4	1,503.40	3/4	1,122.59	3/4	749.51	3/4	364.55	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,883.77	7	1,495.31	7	1,114.81	7	741.75	7	356.46	7		7	7	7	7	7	7	7	7
1/4	1,875.68	1/4	1,487.21	1/4	1,107.02	1/4	733.97	1/4	348.37	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,867.59	1/2	1,479.12	1/2	1,099.23	1/2	726.20	1/2	340.27	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,859.49	3/4	1,471.03	3/4	1,091.45	3/4	718.43	3/4	332.18	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,851.40	8	1,462.94	8	1,083.66	8	710.66	8	324.09	8		8	8	8	8	8	8	8	8
1/4	1,843.31	1/4	1,454.84	1/4	1,075.87	1/4	702.87	1/4	315.99	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,835.21	1/2	1,446.75	1/2	1,068.09	1/2	695.09	1/2	307.90	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,827.12	3/4	1,438.66	3/4	1,060.30	3/4	687.31	3/4	299.81	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,819.03	9	1,430.56	9	1,052.51	9	679.52	9	291.72	9		9	9	9	9	9	9	9	9
1/4	1,810.93	1/4	1,422.47	1/4	1,044.73	1/4	671.58	1/4	283.62	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,802.84	1/2	1,414.38	1/2	1,036.94	1/2	663.64	1/2	275.53	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,794.75	3/4	1,406.28	3/4	1,029.15	3/4	655.70	3/4	267.44	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,786.66	10	1,398.19	10	1,021.36	10	647.76	10	259.34	10		10	10	10	10	10	10	10	10
1/4	1,778.56	1/4	1,390.10	1/4	1,013.58	1/4	639.67	1/4	251.25	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,770.47	1/2	1,382.01	1/2	1,005.80	1/2	631.58	1/2	243.16	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,762.38	3/4	1,373.91	3/4	998.01	3/4	623.48	3/4	235.06	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,754.28	11	1,365.82	11	990.23	11	615.39	11	226.97	11		11	11	11	11	11	11	11	11
1/4	1,746.19	1/4	1,357.73	1/4	982.46	1/4	607.30	1/4	218.88	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,738.10	1/2	1,349.63	1/2	974.69	1/2	599.20	1/2	210.79	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,730.00	3/4	1,341.54	3/4	966.91	3/4	591.11	3/4	202.69	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: 06/02/2022 JS  
CALCULATED: 06/02/2022 CL  
PRINTED: 06/02/2022 SW

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2022



# BARGE "CTC 29112"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0	4,723.37	0	4,494.28	0	4,252.00	0	3,992.12	0	3,725.29	0	3,413.74	0	3,054.16	0	2,693.92	0	2,333.56
1/4		1/4	4,720.16	1/4	4,489.39	1/4	4,246.74	1/4	3,986.56	1/4	3,719.74	1/4	3,406.35	1/4	3,046.66	1/4	2,686.41	1/4	2,326.05
1/2		1/2	4,716.96	1/2	4,484.51	1/2	4,241.48	1/2	3,981.00	1/2	3,714.18	1/2	3,398.95	1/2	3,039.15	1/2	2,678.91	1/2	2,318.53
3/4		3/4	4,713.75	3/4	4,479.63	3/4	4,236.22	3/4	3,975.44	3/4	3,708.62	3/4	3,391.56	3/4	3,031.65	3/4	2,671.40	3/4	2,311.02
1		1	4,710.55	1	4,474.74	1	4,230.96	1	3,969.88	1	3,703.06	1	3,384.16	1	3,024.14	1	2,663.90	1	2,303.50
1/4		1/4	4,705.93	1/4	4,469.83	1/4	4,225.68	1/4	3,964.32	1/4	3,697.50	1/4	3,376.71	1/4	3,016.64	1/4	2,656.39	1/4	2,295.99
1/2		1/2	4,701.31	1/2	4,464.92	1/2	4,220.39	1/2	3,958.76	1/2	3,691.94	1/2	3,369.27	1/2	3,009.13	1/2	2,648.89	1/2	2,288.47
3/4		3/4	4,696.70	3/4	4,460.01	3/4	4,215.10	3/4	3,953.21	3/4	3,686.38	3/4	3,361.82	3/4	3,001.63	3/4	2,641.38	3/4	2,280.96
2		2	4,692.08	2	4,455.09	2	4,209.81	2	3,947.65	2	3,680.82	2	3,354.37	2	2,994.12	2	2,633.88	2	2,273.44
1/4		1/4	4,686.72	1/4	4,450.15	1/4	4,204.50	1/4	3,942.09	1/4	3,675.27	1/4	3,346.86	1/4	2,986.62	1/4	2,626.37	1/4	2,265.93
1/2		1/2	4,681.35	1/2	4,445.21	1/2	4,199.18	1/2	3,936.53	1/2	3,669.71	1/2	3,339.36	1/2	2,979.11	1/2	2,618.87	1/2	2,258.42
3/4		3/4	4,675.98	3/4	4,440.27	3/4	4,193.86	3/4	3,930.97	3/4	3,664.15	3/4	3,331.85	3/4	2,971.61	3/4	2,611.36	3/4	2,250.90
3		3	4,670.62	3	4,435.33	3	4,188.55	3	3,925.41	3	3,658.59	3	3,324.35	3	2,964.10	3	2,603.86	3	2,243.39
1/4		1/4	4,665.16	1/4	4,430.36	1/4	4,183.20	1/4	3,919.85	1/4	3,653.03	1/4	3,316.84	1/4	2,956.60	1/4	2,596.35	1/4	2,235.88
1/2		1/2	4,659.70	1/2	4,425.39	1/2	4,177.86	1/2	3,914.29	1/2	3,647.47	1/2	3,309.34	1/2	2,949.09	1/2	2,588.85	1/2	2,228.37
3/4		3/4	4,654.24	3/4	4,420.42	3/4	4,172.51	3/4	3,908.73	3/4	3,641.91	3/4	3,301.83	3/4	2,941.59	3/4	2,581.34	3/4	2,220.87
4		4	4,648.77	4	4,415.45	4	4,167.17	4	3,903.18	4	3,636.35	4	3,294.33	4	2,934.08	4	2,573.84	4	2,213.36
1/4		1/4	4,643.52	1/4	4,410.46	1/4	4,161.80	1/4	3,897.62	1/4	3,630.79	1/4	3,286.82	1/4	2,926.58	1/4	2,566.33	1/4	2,205.86
1/2		1/2	4,638.27	1/2	4,405.46	1/2	4,156.42	1/2	3,892.06	1/2	3,625.24	1/2	3,279.32	1/2	2,919.07	1/2	2,558.83	1/2	2,198.37
3/4		3/4	4,633.02	3/4	4,400.46	3/4	4,151.05	3/4	3,886.50	3/4	3,619.68	3/4	3,271.81	3/4	2,911.57	3/4	2,551.32	3/4	2,190.87
5		5	4,627.77	5	4,395.46	5	4,145.68	5	3,880.94	5	3,614.12	5	3,264.30	5	2,904.06	5	2,543.82	5	2,183.37
1/4		1/4	4,622.94	1/4	4,390.44	1/4	4,140.28	1/4	3,875.38	1/4	3,608.07	1/4	3,256.80	1/4	2,896.55	1/4	2,536.31	1/4	2,175.87
1/2		1/2	4,618.10	1/2	4,385.41	1/2	4,134.87	1/2	3,869.82	1/2	3,602.02	1/2	3,249.29	1/2	2,889.05	1/2	2,528.81	1/2	2,168.37
3/4		3/4	4,613.27	3/4	4,380.38	3/4	4,129.47	3/4	3,864.26	3/4	3,595.98	3/4	3,241.79	3/4	2,881.54	3/4	2,521.30	3/4	2,160.88
6		6	4,608.43	6	4,375.36	6	4,124.07	6	3,858.71	6	3,589.93	6	3,234.28	6	2,874.04	6	2,513.79	6	2,153.38
1/4		1/4	4,603.78	1/4	4,370.30	1/4	4,118.64	1/4	3,853.15	1/4	3,582.91	1/4	3,226.78	1/4	2,866.53	1/4	2,506.29	1/4	2,145.88
1/2		1/2	4,599.14	1/2	4,365.25	1/2	4,113.21	1/2	3,847.59	1/2	3,575.89	1/2	3,219.27	1/2	2,859.03	1/2	2,498.78	1/2	2,138.38
3/4		3/4	4,594.49	3/4	4,360.19	3/4	4,107.78	3/4	3,842.03	3/4	3,568.87	3/4	3,211.77	3/4	2,851.52	3/4	2,491.28	3/4	2,130.88
7		7	4,589.84	7	4,355.14	7	4,102.35	7	3,836.47	7	3,561.85	7	3,204.26	7	2,844.02	7	2,483.77	7	2,123.39
1/4		1/4	4,585.17	1/4	4,350.05	1/4	4,096.89	1/4	3,830.91	1/4	3,554.40	1/4	3,196.76	1/4	2,836.51	1/4	2,476.27	1/4	2,115.89
1/2		1/2	4,580.49	1/2	4,344.97	1/2	4,091.43	1/2	3,825.35	1/2	3,546.95	1/2	3,189.25	1/2	2,829.01	1/2	2,468.76	1/2	2,108.39
3/4		3/4	4,575.82	3/4	4,339.89	3/4	4,085.97	3/4	3,819.79	3/4	3,539.50	3/4	3,181.75	3/4	2,821.50	3/4	2,461.26	3/4	2,100.89
8		8	4,571.14	8	4,334.80	8	4,080.51	8	3,814.24	8	3,532.05	8	3,174.24	8	2,814.00	8	2,453.75	8	2,093.39
1/4		1/4	4,566.41	1/4	4,329.69	1/4	4,075.03	1/4	3,808.68	1/4	3,524.66	1/4	3,166.74	1/4	2,806.49	1/4	2,446.25	1/4	2,085.90
1/2		1/2	4,561.67	1/2	4,324.58	1/2	4,069.54	1/2	3,803.12	1/2	3,517.26	1/2	3,159.23	1/2	2,798.99	1/2	2,438.74	1/2	2,078.40
3/4		3/4	4,556.93	3/4	4,319.47	3/4	4,064.05	3/4	3,797.56	3/4	3,509.87	3/4	3,151.73	3/4	2,791.48	3/4	2,431.23	3/4	2,070.90
9		9	4,552.20	9	4,314.35	9	4,058.56	9	3,792.00	9	3,502.48	9	3,144.22	9	2,783.98	9	2,423.72	9	2,063.40
1/4		1/4	4,547.40	1/4	4,309.20	1/4	4,053.05	1/4	3,786.44	1/4	3,495.08	1/4	3,136.72	1/4	2,776.47	1/4	2,416.21	1/4	2,055.90
1/2		1/2	4,542.60	1/2	4,304.04	1/2	4,047.53	1/2	3,780.88	1/2	3,487.69	1/2	3,129.21	1/2	2,768.97	1/2	2,408.69	1/2	2,048.41
3/4		3/4	4,537.80	3/4	4,298.88	3/4	4,042.02	3/4	3,775.32	3/4	3,480.29	3/4	3,121.71	3/4	2,761.46	3/4	2,401.18	3/4	2,040.91
10		10	4,533.00	10	4,293.73	10	4,036.50	10	3,769.76	10	3,472.90	10	3,114.20	10	2,753.96	10	2,393.67	10	2,033.41
1/4		1/4	4,528.18	1/4	4,288.53	1/4	4,030.96	1/4	3,764.21	1/4	3,465.50	1/4	3,106.70	1/4	2,746.45	1/4	2,386.16	1/4	2,025.91
1/2		1/2	4,523.35	1/2	4,283.32	1/2	4,025.42	1/2	3,758.65	1/2	3,458.11	1/2	3,099.19	1/2	2,738.95	1/2	2,378.64	1/2	2,018.41
3/4		3/4	4,518.52	3/4	4,278.12	3/4	4,019.88	3/4	3,753.09	3/4	3,450.72	3/4	3,091.69	3/4	2,731.44	3/4	2,371.13	3/4	2,010.92
11		11	4,513.70	11	4,272.92	11	4,014.34	11	3,747.53	11	3,443.32	11	3,084.18	11	2,723.94	11	2,363.62	11	2,003.42
1/4		1/4	4,508.84	1/4	4,267.69	1/4	4,008.78	1/4	3,741.97	1/4	3,435.93	1/4	3,076.68	1/4	2,716.43	1/4	2,356.10	1/4	1,995.92
1/2		1/2	4,503.99	1/2	4,262.46	1/2	4,003.23	1/2	3,736.41	1/2	3,428.53	1/2	3,069.17	1/2	2,708.93	1/2	2,348.59	1/2	1,988.42
3/4		3/4	4,499.13	3/4	4,257.23	3/4	3,997.67	3/4	3,730.85	3/4	3,421.14	3/4	3,061.67	3/4	2,701.42	3/4	2,341.07	3/4	1,980.92

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "CTC 29112"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,973.43	0	1,613.08	0	1,252.54	0	893.97	0	541.39	0	180.72	0		0		0		0	
1/4	1,965.93	1/4	1,605.57	1/4	1,245.03	1/4	886.68	1/4	533.88	1/4	173.21	1/4		1/4		1/4		1/4	
1/2	1,958.43	1/2	1,598.06	1/2	1,237.52	1/2	879.38	1/2	526.36	1/2	165.69	1/2		1/2		1/2		1/2	
3/4	1,950.93	3/4	1,590.54	3/4	1,230.01	3/4	872.08	3/4	518.85	3/4	158.18	3/4		3/4		3/4		3/4	
1	1,943.43	1	1,583.03	1	1,222.49	1	864.78	1	511.33	1	150.66	1		1		1		1	
1/4	1,935.94	1/4	1,575.52	1/4	1,214.98	1/4	857.49	1/4	503.82	1/4	143.15	1/4		1/4		1/4		1/4	
1/2	1,928.44	1/2	1,568.01	1/2	1,207.47	1/2	850.19	1/2	496.30	1/2	135.63	1/2		1/2		1/2		1/2	
3/4	1,920.94	3/4	1,560.50	3/4	1,199.96	3/4	842.89	3/4	488.79	3/4	128.12	3/4		3/4		3/4		3/4	
2	1,913.44	2	1,552.99	2	1,192.45	2	835.59	2	481.27	2	120.60	2		2		2		2	
1/4	1,905.94	1/4	1,545.48	1/4	1,184.94	1/4	828.29	1/4	473.76	1/4	113.09	1/4		1/4		1/4		1/4	
1/2	1,898.45	1/2	1,537.97	1/2	1,177.42	1/2	821.00	1/2	466.24	1/2	105.57	1/2		1/2		1/2		1/2	
3/4	1,890.95	3/4	1,530.46	3/4	1,169.91	3/4	813.70	3/4	458.73	3/4	98.06	3/4		3/4		3/4		3/4	
3	1,883.45	3	1,522.94	3	1,162.40	3	806.40	3	451.22	3	90.54	3		3		3		3	
1/4	1,875.95	1/4	1,515.43	1/4	1,154.89	1/4	799.10	1/4	443.71	1/4	83.03	1/4		1/4		1/4		1/4	
1/2	1,868.44	1/2	1,507.92	1/2	1,147.38	1/2	791.81	1/2	436.20	1/2	75.51	1/2		1/2		1/2		1/2	
3/4	1,860.94	3/4	1,500.41	3/4	1,139.86	3/4	784.51	3/4	428.69	3/4	68.00	3/4		3/4		3/4		3/4	
4	1,853.44	4	1,492.90	4	1,132.35	4	777.21	4	421.18	4	60.48	4		4		4		4	
1/4	1,845.93	1/4	1,485.39	1/4	1,124.84	1/4	769.92	1/4	413.67	1/4	53.59	1/4		1/4		1/4		1/4	
1/2	1,838.41	1/2	1,477.88	1/2	1,117.33	1/2	762.62	1/2	406.15	1/2	46.71	1/2		1/2		1/2		1/2	
3/4	1,830.90	3/4	1,470.37	3/4	1,109.82	3/4	755.32	3/4	398.64	3/4	39.82	3/4		3/4		3/4		3/4	
5	1,823.39	5	1,462.85	5	1,102.31	5	748.03	5	391.13	5	32.93	5		5		5		5	
1/4	1,815.88	1/4	1,455.34	1/4	1,094.79	1/4	740.73	1/4	383.62	1/4	27.92	1/4		1/4		1/4		1/4	
1/2	1,808.37	1/2	1,447.83	1/2	1,087.28	1/2	733.44	1/2	376.11	1/2	22.91	1/2		1/2		1/2		1/2	
3/4	1,800.86	3/4	1,440.32	3/4	1,079.77	3/4	726.14	3/4	368.60	3/4	17.90	3/4		3/4		3/4		3/4	
6	1,793.35	6	1,432.81	6	1,072.26	6	718.85	6	361.08	6	12.89	6		6		6		6	
1/4	1,785.84	1/4	1,425.30	1/4	1,064.75	1/4	711.55	1/4	353.57	1/4		1/4		1/4		1/4		1/4	
1/2	1,778.32	1/2	1,417.79	1/2	1,057.24	1/2	704.26	1/2	346.05	1/2		1/2		1/2		1/2		1/2	
3/4	1,770.81	3/4	1,410.28	3/4	1,049.72	3/4	696.96	3/4	338.54	3/4		3/4		3/4		3/4		3/4	
7	1,763.30	7	1,402.76	7	1,042.21	7	689.66	7	331.02	7		7		7		7		7	
1/4	1,755.79	1/4	1,395.25	1/4	1,034.70	1/4	682.36	1/4	323.51	1/4		1/4		1/4		1/4		1/4	
1/2	1,748.28	1/2	1,387.74	1/2	1,027.19	1/2	675.05	1/2	315.99	1/2		1/2		1/2		1/2		1/2	
3/4	1,740.77	3/4	1,380.23	3/4	1,019.68	3/4	667.75	3/4	308.48	3/4		3/4		3/4		3/4		3/4	
8	1,733.26	8	1,372.72	8	1,012.17	8	660.44	8	300.96	8		8		8		8		8	
1/4	1,725.75	1/4	1,365.21	1/4	1,004.65	1/4	653.13	1/4	293.45	1/4		1/4		1/4		1/4		1/4	
1/2	1,718.24	1/2	1,357.70	1/2	997.14	1/2	645.81	1/2	285.93	1/2		1/2		1/2		1/2		1/2	
3/4	1,710.72	3/4	1,350.19	3/4	989.63	3/4	638.49	3/4	278.42	3/4		3/4		3/4		3/4		3/4	
9	1,703.21	9	1,342.68	9	982.12	9	631.18	9	270.90	9		9		9		9		9	
1/4	1,695.70	1/4	1,335.16	1/4	974.70	1/4	623.76	1/4	263.39	1/4		1/4		1/4		1/4		1/4	
1/2	1,688.19	1/2	1,327.65	1/2	967.29	1/2	616.34	1/2	255.87	1/2		1/2		1/2		1/2		1/2	
3/4	1,680.68	3/4	1,320.14	3/4	959.87	3/4	608.93	3/4	248.36	3/4		3/4		3/4		3/4		3/4	
10	1,673.17	10	1,312.63	10	952.46	10	601.51	10	240.84	10		10		10		10		10	
1/4	1,665.66	1/4	1,305.12	1/4	945.14	1/4	594.00	1/4	233.33	1/4		1/4		1/4		1/4		1/4	
1/2	1,658.15	1/2	1,297.61	1/2	937.82	1/2	586.48	1/2	225.81	1/2		1/2		1/2		1/2		1/2	
3/4	1,650.63	3/4	1,290.10	3/4	930.51	3/4	578.97	3/4	218.30	3/4		3/4		3/4		3/4		3/4	
11	1,643.12	11	1,282.59	11	923.19	11	571.45	11	210.78	11		11		11		11		11	
1/4	1,635.61	1/4	1,275.08	1/4	915.89	1/4	563.94	1/4	203.27	1/4		1/4		1/4		1/4		1/4	
1/2	1,628.10	1/2	1,267.56	1/2	908.58	1/2	556.42	1/2	195.75	1/2		1/2		1/2		1/2		1/2	
3/4	1,620.59	3/4	1,260.05	3/4	901.28	3/4	548.91	3/4	188.24	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/02/2022 JS  
CALCULATED: 06/02/2022 CL  
PRINTED: 06/02/2022 SW

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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Pearland, Texas 77588  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2022



# BARGE "CTC 29112"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4		1/4	4,710.58	1/4	4,480.59	1/4	4,237.39	1/4	3,976.60	1/4	3,708.88	1/4	3,396.62	1/4	3,036.95	1/4	2,676.61	1/4	2,316.32		
1/2		1/2	4,707.36	1/2	4,475.69	1/2	4,232.11	1/2	3,971.02	1/2	3,703.30	1/2	3,389.22	1/2	3,029.44	1/2	2,669.11	1/2	2,308.80		
3/4		3/4	4,704.14	3/4	4,470.78	3/4	4,226.83	3/4	3,965.45	3/4	3,697.73	3/4	3,381.83	3/4	3,021.94	3/4	2,661.60	3/4	2,301.28		
1	1	1	4,700.92	1	4,465.88	1	4,221.55	1	3,959.87	1	3,692.15	1	3,374.43	1	3,014.43	1	2,654.09	1	2,293.77		
1/4		1/4	4,697.70	1/4	4,460.98	1/4	4,216.27	1/4	3,954.29	1/4	3,686.57	1/4	3,367.03	1/4	3,006.92	1/4	2,646.59	1/4	2,286.25		
1/2		1/2	4,693.07	1/2	4,456.05	1/2	4,210.97	1/2	3,948.71	1/2	3,680.99	1/2	3,359.58	1/2	2,999.41	1/2	2,639.08	1/2	2,278.73		
3/4		3/4	4,688.44	3/4	4,451.12	3/4	4,205.66	3/4	3,943.14	3/4	3,675.42	3/4	3,352.13	3/4	2,991.91	3/4	2,631.58	3/4	2,271.21		
2	2	2	4,683.80	2	4,446.18	2	4,200.36	2	3,937.56	2	3,669.84	2	3,344.68	2	2,984.40	2	2,624.07	2	2,263.70		
1/4		1/4	4,679.17	1/4	4,441.25	1/4	4,195.05	1/4	3,931.98	1/4	3,664.26	1/4	3,337.23	1/4	2,976.89	1/4	2,616.57	1/4	2,256.18		
1/2		1/2	4,673.79	1/2	4,436.29	1/2	4,189.71	1/2	3,926.40	1/2	3,658.68	1/2	3,329.72	1/2	2,969.39	1/2	2,609.07	1/2	2,248.66		
3/4		3/4	4,668.40	3/4	4,431.33	3/4	4,184.38	3/4	3,920.83	3/4	3,653.11	3/4	3,322.22	3/4	2,961.88	3/4	2,601.57	3/4	2,241.14		
3	3	3	4,663.01	3	4,426.37	3	4,179.04	3	3,915.25	3	3,647.53	3	3,314.71	3	2,954.37	3	2,594.06	3	2,233.62		
1/4		1/4	4,657.63	1/4	4,421.41	1/4	4,173.71	1/4	3,909.67	1/4	3,641.95	1/4	3,307.20	1/4	2,946.87	1/4	2,586.56	1/4	2,226.11		
1/2		1/2	4,652.15	1/2	4,416.42	1/2	4,168.35	1/2	3,904.09	1/2	3,636.37	1/2	3,299.69	1/2	2,939.36	1/2	2,579.06	1/2	2,218.60		
3/4		3/4	4,646.67	3/4	4,411.43	3/4	4,162.98	3/4	3,898.52	3/4	3,630.80	3/4	3,292.19	3/4	2,931.85	3/4	2,571.56	3/4	2,211.09		
4	4	4	4,641.19	4	4,406.45	4	4,157.62	4	3,892.94	4	3,625.22	4	3,284.68	4	2,924.34	4	2,564.06	4	2,203.58		
1/4		1/4	4,635.71	1/4	4,401.46	1/4	4,152.25	1/4	3,887.36	1/4	3,619.64	1/4	3,277.17	1/4	2,916.84	1/4	2,556.56	1/4	2,196.07		
1/2		1/2	4,630.44	1/2	4,396.44	1/2	4,146.86	1/2	3,881.78	1/2	3,614.06	1/2	3,269.67	1/2	2,909.33	1/2	2,549.05	1/2	2,188.57		
3/4		3/4	4,625.17	3/4	4,391.42	3/4	4,141.47	3/4	3,876.21	3/4	3,608.49	3/4	3,262.16	3/4	2,901.82	3/4	2,541.55	3/4	2,181.07		
5	5	5	4,619.90	5	4,386.41	5	4,136.08	5	3,870.63	5	3,602.91	5	3,254.65	5	2,894.32	5	2,534.05	5	2,173.57		
1/4		1/4	4,614.63	1/4	4,381.39	1/4	4,130.69	1/4	3,865.05	1/4	3,597.33	1/4	3,247.15	1/4	2,886.81	1/4	2,526.55	1/4	2,166.06		
1/2		1/2	4,609.78	1/2	4,376.34	1/2	4,125.27	1/2	3,859.47	1/2	3,591.27	1/2	3,239.64	1/2	2,879.30	1/2	2,519.05	1/2	2,158.56		
3/4		3/4	4,604.92	3/4	4,371.30	3/4	4,119.85	3/4	3,853.90	3/4	3,585.20	3/4	3,232.13	3/4	2,871.80	3/4	2,511.55	3/4	2,151.06		
6	6	6	4,600.07	6	4,366.25	6	4,114.43	6	3,848.32	6	3,579.14	6	3,224.62	6	2,864.29	6	2,504.04	6	2,143.56		
1/4		1/4	4,595.21	1/4	4,361.20	1/4	4,109.00	1/4	3,842.74	1/4	3,573.07	1/4	3,217.12	1/4	2,856.78	1/4	2,496.54	1/4	2,136.06		
1/2		1/2	4,590.55	1/2	4,356.13	1/2	4,103.56	1/2	3,837.16	1/2	3,566.03	1/2	3,209.61	1/2	2,849.27	1/2	2,489.04	1/2	2,128.56		
3/4		3/4	4,585.88	3/4	4,351.06	3/4	4,098.11	3/4	3,831.59	3/4	3,559.00	3/4	3,202.10	3/4	2,841.77	3/4	2,481.54	3/4	2,121.06		
7	7	7	4,581.21	7	4,345.98	7	4,092.66	7	3,826.01	7	3,551.96	7	3,194.60	7	2,834.26	7	2,474.04	7	2,113.55		
1/4		1/4	4,576.55	1/4	4,340.91	1/4	4,087.21	1/4	3,820.43	1/4	3,544.93	1/4	3,187.09	1/4	2,826.75	1/4	2,466.53	1/4	2,106.05		
1/2		1/2	4,571.85	1/2	4,335.81	1/2	4,081.73	1/2	3,814.85	1/2	3,537.47	1/2	3,179.58	1/2	2,819.25	1/2	2,459.03	1/2	2,098.60		
3/4		3/4	4,567.16	3/4	4,330.70	3/4	4,076.25	3/4	3,809.28	3/4	3,530.00	3/4	3,172.08	3/4	2,811.74	3/4	2,451.53	3/4	2,091.14		
8	8	8	4,562.46	8	4,325.60	8	4,070.78	8	3,803.70	8	3,522.54	8	3,164.57	8	2,804.23	8	2,444.03	8	2,083.69		
1/4		1/4	4,557.77	1/4	4,320.50	1/4	4,065.30	1/4	3,798.12	1/4	3,515.08	1/4	3,157.06	1/4	2,796.73	1/4	2,436.53	1/4	2,076.23		
1/2		1/2	4,553.01	1/2	4,315.37	1/2	4,059.79	1/2	3,792.54	1/2	3,507.67	1/2	3,149.55	1/2	2,789.22	1/2	2,429.02	1/2	2,068.83		
3/4		3/4	4,548.25	3/4	4,310.23	3/4	4,054.29	3/4	3,786.97	3/4	3,500.26	3/4	3,142.05	3/4	2,781.71	3/4	2,421.52	3/4	2,061.42		
9	9	9	4,543.50	9	4,305.10	9	4,048.78	9	3,781.39	9	3,492.85	9	3,134.54	9	2,774.20	9	2,414.01	9	2,054.01		
1/4		1/4	4,538.74	1/4	4,299.97	1/4	4,043.27	1/4	3,775.81	1/4	3,485.45	1/4	3,127.03	1/4	2,766.70	1/4	2,406.51	1/4	2,046.60		
1/2		1/2	4,533.92	1/2	4,294.80	1/2	4,037.74	1/2	3,770.23	1/2	3,478.04	1/2	3,119.53	1/2	2,759.19	1/2	2,398.99	1/2	2,039.20		
3/4		3/4	4,529.11	3/4	4,289.62	3/4	4,032.20	3/4	3,764.66	3/4	3,470.63	3/4	3,112.02	3/4	2,751.68	3/4	2,391.48	3/4	2,031.79		
10	10	10	4,524.29	10	4,284.44	10	4,026.67	10	3,759.08	10	3,463.22	10	3,104.51	10	2,744.18	10	2,383.97	10	2,024.38		
1/4		1/4	4,519.47	1/4	4,279.27	1/4	4,021.13	1/4	3,753.50	1/4	3,455.81	1/4	3,097.01	1/4	2,736.67	1/4	2,376.46	1/4	2,016.97		
1/2		1/2	4,514.63	1/2	4,274.05	1/2	4,015.57	1/2	3,747.92	1/2	3,448.41	1/2	3,089.50	1/2	2,729.16	1/2	2,368.94	1/2	2,009.56		
3/4		3/4	4,509.78	3/4	4,268.83	3/4	4,010.02	3/4	3,742.35	3/4	3,441.01	3/4	3,081.99	3/4	2,721.66	3/4	2,361.42	3/4	2,002.16		
11	11	11	4,504.93	11	4,263.60	11	4,004.46	11	3,736.77	11	3,433.61	11	3,074.48	11	2,714.15	11	2,353.91	11	1,994.75		
1/4		1/4	4,500.09	1/4	4,258.38	1/4	3,998.90	1/4	3,731.19	1/4	3,426.21	1/4	3,066.98	1/4	2,706.64	1/4	2,346.39	1/4	1,987.34		
1/2		1/2	4,495.21	1/2	4,253.13	1/2	3,993.32	1/2	3,725.61	1/2	3,418.81	1/2	3,059.47	1/2	2,699.13	1/2	2,338.87	1/2	1,979.93		
3/4		3/4	4,490.34	3/4	4,247.89	3/4	3,987.75	3/4	3,720.04	3/4	3,411.41	3/4	3,051.96	3/4	2,691.63	3/4	2,331.36	3/4	1,972.53		

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "CTC 29112"

## 3 STBD 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	1,965.12	0	1,607.58	0	1,247.04	0	890.89	0	549.47	0	188.57	0		0		0		0	
1/4	1,957.71	1/4	1,600.07	1/4	1,239.52	1/4	883.87	1/4	541.95	1/4	181.05	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,950.30	1/2	1,592.55	1/2	1,232.01	1/2	876.86	1/2	534.43	1/2	173.53	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,942.89	3/4	1,585.04	3/4	1,224.50	3/4	869.85	3/4	526.91	3/4	166.01	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,935.49	1	1,577.53	1	1,216.99	1	862.85	1	519.39	1	158.49	1	1	1	1	1	1	1	1
1/4	1,928.08	1/4	1,570.02	1/4	1,209.48	1/4	855.84	1/4	511.87	1/4	150.97	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,920.67	1/2	1,562.51	1/2	1,201.97	1/2	848.83	1/2	504.35	1/2	143.44	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,913.26	3/4	1,555.00	3/4	1,194.45	3/4	841.81	3/4	496.83	3/4	135.92	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,905.86	2	1,547.49	2	1,186.94	2	834.80	2	489.31	2	128.39	2	2	2	2	2	2	2	2
1/4	1,898.45	1/4	1,539.98	1/4	1,179.43	1/4	827.79	1/4	481.79	1/4	120.87	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,891.04	1/2	1,532.46	1/2	1,171.92	1/2	820.77	1/2	474.27	1/2	113.33	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,883.63	3/4	1,524.95	3/4	1,164.40	3/4	813.76	3/4	466.75	3/4	105.80	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,876.22	3	1,517.44	3	1,156.89	3	806.75	3	459.24	3	98.27	3	3	3	3	3	3	3	3
1/4	1,868.82	1/4	1,509.93	1/4	1,149.38	1/4	799.73	1/4	451.72	1/4	90.74	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,861.40	1/2	1,502.42	1/2	1,141.86	1/2	792.72	1/2	444.20	1/2	83.21	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,853.99	3/4	1,494.91	3/4	1,134.35	3/4	785.71	3/4	436.69	3/4	75.68	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,846.57	4	1,487.40	4	1,126.83	4	778.70	4	429.17	4	68.15	4	4	4	4	4	4	4	4
1/4	1,839.16	1/4	1,479.89	1/4	1,119.32	1/4	771.68	1/4	421.66	1/4	60.61	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,831.74	1/2	1,472.38	1/2	1,111.81	1/2	764.67	1/2	414.14	1/2	53.71	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,824.32	3/4	1,464.86	3/4	1,104.30	3/4	757.66	3/4	406.63	3/4	46.81	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,816.90	5	1,457.35	5	1,096.79	5	750.65	5	399.11	5	39.90	5	5	5	5	5	5	5	5
1/4	1,809.48	1/4	1,449.84	1/4	1,089.28	1/4	743.64	1/4	391.59	1/4	33.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,802.05	1/2	1,442.33	1/2	1,081.77	1/2	736.63	1/2	384.08	1/2	27.98	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,794.63	3/4	1,434.82	3/4	1,074.26	3/4	729.62	3/4	376.56	3/4	22.96	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,787.21	6	1,427.31	6	1,066.76	6	722.61	6	369.04	6	17.94	6	6	6	6	6	6	6	6
1/4	1,779.79	1/4	1,419.80	1/4	1,059.25	1/4	715.60	1/4	361.52	1/4	12.92	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,772.37	1/2	1,412.29	1/2	1,051.75	1/2	708.58	1/2	354.00	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,764.95	3/4	1,404.77	3/4	1,044.24	3/4	701.57	3/4	346.48	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,757.53	7	1,397.26	7	1,036.73	7	694.56	7	338.96	7	7	7	7	7	7	7	7	7	7
1/4	1,750.11	1/4	1,389.75	1/4	1,029.23	1/4	687.55	1/4	331.44	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,742.64	1/2	1,382.24	1/2	1,021.72	1/2	680.52	1/2	323.92	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,735.18	3/4	1,374.73	3/4	1,014.22	3/4	673.49	3/4	316.40	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,727.71	8	1,367.22	8	1,006.71	8	666.46	8	308.88	8	8	8	8	8	8	8	8	8	8
1/4	1,720.24	1/4	1,359.71	1/4	999.20	1/4	659.44	1/4	301.36	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,712.73	1/2	1,352.20	1/2	991.70	1/2	652.39	1/2	293.84	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,705.22	3/4	1,344.68	3/4	984.19	3/4	645.34	3/4	286.32	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,697.71	9	1,337.17	9	976.69	9	638.29	9	278.80	9	9	9	9	9	9	9	9	9	9
1/4	1,690.20	1/4	1,329.66	1/4	969.18	1/4	631.25	1/4	271.28	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,682.69	1/2	1,322.15	1/2	961.91	1/2	623.96	1/2	263.77	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,675.18	3/4	1,314.64	3/4	954.63	3/4	616.68	3/4	256.25	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,667.67	10	1,307.13	10	947.36	10	609.39	10	248.73	10	10	10	10	10	10	10	10	10	10
1/4	1,660.16	1/4	1,299.62	1/4	940.09	1/4	602.11	1/4	241.21	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,652.64	1/2	1,292.11	1/2	933.05	1/2	594.59	1/2	233.69	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,645.13	3/4	1,284.59	3/4	926.01	3/4	587.07	3/4	226.17	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,637.62	11	1,277.08	11	918.98	11	579.55	11	218.65	11	11	11	11	11	11	11	11	11	11
1/4	1,630.11	1/4	1,269.57	1/4	911.94	1/4	572.03	1/4	211.13	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,622.60	1/2	1,262.06	1/2	904.92	1/2	564.51	1/2	203.61	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,615.09	3/4	1,254.55	3/4	897.90	3/4	556.99	3/4	196.09	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: 06/02/2022 JS  
CALCULATED: 06/02/2022 CL  
PRINTED: 06/02/2022 SW

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