



BARGE "CTC 29111"

INNAGE TRIM TABLE
FORMERLY: BKF 309

	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"

May 2, 2022

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

<http://www.pmacorp.net>



BARGE "CTC 29111"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 309

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	10.15	0	259.63	0	541.31	0	845.25	0	1,171.16	0	1,502.16	0	1,833.15	0	2,164.09	0	2,494.96	0	2,825.82
1/4	13.47	1/4	265.28	1/4	547.41	1/4	851.85	1/4	1,178.06	1/4	1,509.05	1/4	1,840.05	1/4	2,170.99	1/4	2,501.85	1/4	2,832.71
1/2	16.79	1/2	270.94	1/2	553.51	1/2	858.45	1/2	1,184.96	1/2	1,515.95	1/2	1,846.94	1/2	2,177.88	1/2	2,508.74	1/2	2,839.61
3/4	20.12	3/4	276.59	3/4	559.62	3/4	865.05	3/4	1,191.85	3/4	1,522.85	3/4	1,853.84	3/4	2,184.77	3/4	2,515.64	3/4	2,846.50
1	23.44	1	282.25	1	565.72	1	871.65	1	1,198.75	1	1,529.74	1	1,860.73	1	2,191.67	1	2,522.53	1	2,853.39
1/4	28.09	1/4	287.94	1/4	571.87	1/4	878.29	1/4	1,205.64	1/4	1,536.64	1/4	1,867.63	1/4	2,198.56	1/4	2,529.42	1/4	2,860.29
1/2	32.74	1/2	293.63	1/2	578.01	1/2	884.93	1/2	1,212.54	1/2	1,543.53	1/2	1,874.53	1/2	2,205.45	1/2	2,536.32	1/2	2,867.18
3/4	37.39	3/4	299.32	3/4	584.15	3/4	891.57	3/4	1,219.43	3/4	1,550.43	3/4	1,881.42	3/4	2,212.34	3/4	2,543.21	3/4	2,874.07
2	42.03	2	305.01	2	590.30	2	898.21	2	1,226.33	2	1,557.32	2	1,888.32	2	2,219.24	2	2,550.10	2	2,880.97
1/4	47.30	1/4	310.74	1/4	596.48	1/4	904.89	1/4	1,233.23	1/4	1,564.22	1/4	1,895.21	1/4	2,226.13	1/4	2,556.99	1/4	2,887.86
1/2	52.56	1/2	316.47	1/2	602.67	1/2	911.57	1/2	1,240.12	1/2	1,571.12	1/2	1,902.11	1/2	2,233.02	1/2	2,563.89	1/2	2,894.75
3/4	57.82	3/4	322.20	3/4	608.86	3/4	918.25	3/4	1,247.02	3/4	1,578.01	3/4	1,909.00	3/4	2,239.92	3/4	2,570.78	3/4	2,901.64
3	63.09	3	327.93	3	615.04	3	924.93	3	1,253.91	3	1,584.91	3	1,915.90	3	2,246.81	3	2,577.67	3	2,908.54
1/4	68.39	1/4	333.71	1/4	621.27	1/4	931.65	1/4	1,260.81	1/4	1,591.80	1/4	1,922.80	1/4	2,253.70	1/4	2,584.57	1/4	2,915.43
1/2	73.69	1/2	339.48	1/2	627.49	1/2	938.36	1/2	1,267.70	1/2	1,598.70	1/2	1,929.69	1/2	2,260.60	1/2	2,591.46	1/2	2,922.32
3/4	78.99	3/4	345.25	3/4	633.71	3/4	945.08	3/4	1,274.60	3/4	1,605.59	3/4	1,936.59	3/4	2,267.49	3/4	2,598.35	3/4	2,929.22
4	84.29	4	351.03	4	639.94	4	951.80	4	1,281.50	4	1,612.49	4	1,943.48	4	2,274.38	4	2,605.25	4	2,936.11
1/4	89.63	1/4	356.84	1/4	646.20	1/4	958.56	1/4	1,288.39	1/4	1,619.39	1/4	1,950.38	1/4	2,281.27	1/4	2,612.14	1/4	2,943.00
1/2	94.98	1/2	362.65	1/2	652.47	1/2	965.32	1/2	1,295.29	1/2	1,626.28	1/2	1,957.27	1/2	2,288.17	1/2	2,619.03	1/2	2,949.90
3/4	100.32	3/4	368.47	3/4	658.73	3/4	972.08	3/4	1,302.18	3/4	1,633.18	3/4	1,964.17	3/4	2,295.06	3/4	2,625.92	3/4	2,956.80
5	105.66	5	374.28	5	665.00	5	978.83	5	1,309.08	5	1,640.07	5	1,971.07	5	2,301.95	5	2,632.82	5	2,963.69
1/4	111.04	1/4	380.13	1/4	671.30	1/4	985.63	1/4	1,315.97	1/4	1,646.97	1/4	1,977.96	1/4	2,308.85	1/4	2,639.71	1/4	2,970.58
1/2	116.42	1/2	385.99	1/2	677.60	1/2	992.43	1/2	1,322.87	1/2	1,653.86	1/2	1,984.86	1/2	2,315.74	1/2	2,646.60	1/2	2,977.48
3/4	121.80	3/4	391.84	3/4	683.91	3/4	999.23	3/4	1,329.77	3/4	1,660.76	3/4	1,991.75	3/4	2,322.63	3/4	2,653.50	3/4	2,984.37
6	127.18	6	397.69	6	690.21	6	1,006.02	6	1,336.66	6	1,667.66	6	1,998.65	6	2,329.53	6	2,660.39	6	2,991.26
1/4	132.60	1/4	403.58	1/4	696.56	1/4	1,012.86	1/4	1,343.56	1/4	1,674.55	1/4	2,005.54	1/4	2,336.42	1/4	2,667.28	1/4	2,998.16
1/2	138.02	1/2	409.48	1/2	702.91	1/2	1,019.70	1/2	1,350.45	1/2	1,681.45	1/2	2,012.44	1/2	2,343.31	1/2	2,674.18	1/2	3,005.05
3/4	143.44	3/4	415.37	3/4	709.26	3/4	1,026.53	3/4	1,357.35	3/4	1,688.34	3/4	2,019.34	3/4	2,350.20	3/4	2,681.07	3/4	3,011.94
7	148.86	7	421.26	7	715.61	7	1,033.37	7	1,364.24	7	1,695.24	7	2,026.23	7	2,357.10	7	2,687.96	7	3,018.83
1/4	154.32	1/4	427.19	1/4	722.01	1/4	1,040.24	1/4	1,371.14	1/4	1,702.13	1/4	2,033.12	1/4	2,363.99	1/4	2,694.85	1/4	3,025.73
1/2	159.78	1/2	433.12	1/2	728.41	1/2	1,047.11	1/2	1,378.04	1/2	1,709.03	1/2	2,040.02	1/2	2,370.88	1/2	2,701.75	1/2	3,032.62
3/4	165.24	3/4	439.06	3/4	734.81	3/4	1,053.98	3/4	1,384.93	3/4	1,715.92	3/4	2,046.91	3/4	2,377.78	3/4	2,708.64	3/4	3,039.51
8	170.70	8	444.99	8	741.21	8	1,060.85	8	1,391.83	8	1,722.82	8	2,053.81	8	2,384.67	8	2,715.53	8	3,046.41
1/4	176.20	1/4	450.96	1/4	747.66	1/4	1,067.74	1/4	1,398.72	1/4	1,729.72	1/4	2,060.70	1/4	2,391.56	1/4	2,722.43	1/4	3,053.30
1/2	181.70	1/2	456.93	1/2	754.10	1/2	1,074.63	1/2	1,405.62	1/2	1,736.61	1/2	2,067.59	1/2	2,398.46	1/2	2,729.32	1/2	3,060.19
3/4	187.20	3/4	462.90	3/4	760.54	3/4	1,081.53	3/4	1,412.51	3/4	1,743.51	3/4	2,074.48	3/4	2,405.35	3/4	2,736.21	3/4	3,067.08
9	192.70	9	468.87	9	766.99	9	1,088.42	9	1,419.41	9	1,750.40	9	2,081.38	9	2,412.24	9	2,743.11	9	3,073.98
1/4	198.24	1/4	474.88	1/4	773.47	1/4	1,095.31	1/4	1,426.31	1/4	1,757.30	1/4	2,088.27	1/4	2,419.13	1/4	2,750.00	1/4	3,080.87
1/2	203.77	1/2	480.89	1/2	779.95	1/2	1,102.21	1/2	1,433.20	1/2	1,764.19	1/2	2,095.16	1/2	2,426.03	1/2	2,756.89	1/2	3,087.76
3/4	209.31	3/4	486.89	3/4	786.43	3/4	1,109.10	3/4	1,440.10	3/4	1,771.09	3/4	2,102.06	3/4	2,432.92	3/4	2,763.78	3/4	3,094.66
10	214.85	10	492.90	10	792.91	10	1,116.00	10	1,446.99	10	1,777.99	10	2,108.95	10	2,439.81	10	2,770.68	10	3,101.55
1/4	220.43	1/4	498.94	1/4	799.44	1/4	1,122.89	1/4	1,453.89	1/4	1,784.88	1/4	2,115.84	1/4	2,446.71	1/4	2,777.57	1/4	3,108.44
1/2	226.01	1/2	504.97	1/2	805.96	1/2	1,129.79	1/2	1,460.78	1/2	1,791.78	1/2	2,122.74	1/2	2,453.60	1/2	2,784.46	1/2	3,115.34
3/4	231.58	3/4	511.01	3/4	812.48	3/4	1,136.69	3/4	1,467.68	3/4	1,798.67	3/4	2,129.63	3/4	2,460.49	3/4	2,791.36	3/4	3,122.23
11	237.16	11	517.04	11	819.00	11	1,143.58	11	1,474.58	11	1,805.57	11	2,136.52	11	2,467.39	11	2,798.25	11	3,129.12
1/4	242.78	1/4	523.11	1/4	825.56	1/4	1,150.48	1/4	1,481.47	1/4	1,812.46	1/4	2,143.41	1/4	2,474.28	1/4	2,805.14	1/4	3,136.01
1/2	248.39	1/2	529.17	1/2	832.13	1/2	1,157.37	1/2	1,488.37	1/2	1,819.36	1/2	2,150.31	1/2	2,481.17	1/2	2,812.04	1/2	3,142.91
3/4	254.01	3/4	535.24	3/4	838.69	3/4	1,164.27	3/4	1,495.26	3/4	1,826.26	3/4	2,157.20	3/4	2,488.06	3/4	2,818.93	3/4	3,149.80

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 29111"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 309

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	3,156.69	0	3,487.55	0	3,817.08	0	4,133.57	0	4,433.62	0		0		0		0		0	
1/4	3,163.59	1/4	3,494.44	1/4	3,823.83	1/4	4,139.96	1/4	4,439.90	1/4		1/4		1/4		1/4		1/4	
1/2	3,170.48	1/2	3,501.34	1/2	3,830.58	1/2	4,146.36	1/2	4,446.18	1/2		1/2		1/2		1/2		1/2	
3/4	3,177.37	3/4	3,508.23	3/4	3,837.33	3/4	4,152.75	3/4	4,452.46	3/4		3/4		3/4		3/4		3/4	
1	3,184.26	1	3,515.12	1	3,844.08	1	4,159.15	1	4,458.74	1		1		1		1		1	
1/4	3,191.16	1/4	3,522.02	1/4	3,850.80	1/4	4,165.52	1/4	4,465.40	1/4		1/4		1/4		1/4		1/4	
1/2	3,198.05	1/2	3,528.91	1/2	3,857.52	1/2	4,171.89	1/2	4,472.06	1/2		1/2		1/2		1/2		1/2	
3/4	3,204.94	3/4	3,535.80	3/4	3,864.25	3/4	4,178.25	3/4	4,478.72	3/4		3/4		3/4		3/4		3/4	
2	3,211.84	2	3,542.69	2	3,870.97	2	4,184.62	2	4,485.38	2		2		2		2		2	
1/4	3,218.73	1/4	3,549.59	1/4	3,877.67	1/4	4,190.97	1/4	4,492.24	1/4		1/4		1/4		1/4		1/4	
1/2	3,225.62	1/2	3,556.48	1/2	3,884.36	1/2	4,197.31	1/2	4,499.09	1/2		1/2		1/2		1/2		1/2	
3/4	3,232.51	3/4	3,563.37	3/4	3,891.06	3/4	4,203.65	3/4	4,505.94	3/4		3/4		3/4		3/4		3/4	
3	3,239.41	3	3,570.27	3	3,897.76	3	4,209.99	3	4,512.80	3		3		3		3		3	
1/4	3,246.30	1/4	3,577.16	1/4	3,904.43	1/4	4,216.31	1/4	4,519.56	1/4		1/4		1/4		1/4		1/4	
1/2	3,253.19	1/2	3,584.05	1/2	3,911.10	1/2	4,222.63	1/2	4,526.33	1/2		1/2		1/2		1/2		1/2	
3/4	3,260.09	3/4	3,590.95	3/4	3,917.77	3/4	4,228.94	3/4	4,533.10	3/4		3/4		3/4		3/4		3/4	
4	3,266.98	4	3,597.84	4	3,924.44	4	4,235.26	4	4,539.86	4		4		4		4		4	
1/4	3,273.87	1/4	3,604.73	1/4	3,931.08	1/4	4,241.55	1/4	4,545.94	1/4		1/4		1/4		1/4		1/4	
1/2	3,280.76	1/2	3,611.62	1/2	3,937.73	1/2	4,247.84	1/2	4,552.02	1/2		1/2		1/2		1/2		1/2	
3/4	3,287.66	3/4	3,618.52	3/4	3,944.37	3/4	4,254.13	3/4	4,558.10	3/4		3/4		3/4		3/4		3/4	
5	3,294.55	5	3,625.41	5	3,951.02	5	4,260.42	5	4,564.17	5		5		5		5		5	
1/4	3,301.44	1/4	3,632.30	1/4	3,957.63	1/4	4,266.69	1/4	4,568.96	1/4		1/4		1/4		1/4		1/4	
1/2	3,308.34	1/2	3,639.20	1/2	3,964.25	1/2	4,272.95	1/2	4,573.74	1/2		1/2		1/2		1/2		1/2	
3/4	3,315.23	3/4	3,646.09	3/4	3,970.87	3/4	4,279.21	3/4	4,578.53	3/4		3/4		3/4		3/4		3/4	
6	3,322.12	6	3,652.98	6	3,977.49	6	4,285.48	6	4,583.31	6		6		6		6		6	
1/4	3,329.02	1/4	3,659.87	1/4	3,984.08	1/4	4,291.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,335.91	1/2	3,666.76	1/2	3,990.67	1/2	4,297.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,342.80	3/4	3,673.65	3/4	3,997.26	3/4	4,304.19	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,349.69	7	3,680.55	7	4,003.86	7	4,310.43	7		7		7		7		7		7	
1/4	3,356.59	1/4	3,687.42	1/4	4,010.42	1/4	4,316.64	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,363.48	1/2	3,694.30	1/2	4,016.99	1/2	4,322.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,370.37	3/4	3,701.18	3/4	4,023.55	3/4	4,329.07	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,377.27	8	3,708.05	8	4,030.12	8	4,335.28	8		8		8		8		8		8	
1/4	3,384.16	1/4	3,714.91	1/4	4,036.64	1/4	4,341.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,391.05	1/2	3,721.76	1/2	4,043.16	1/2	4,347.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,397.94	3/4	3,728.61	3/4	4,049.68	3/4	4,353.84	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,404.84	9	3,735.47	9	4,056.20	9	4,360.02	9		9		9		9		9		9	
1/4	3,411.73	1/4	3,742.29	1/4	4,062.67	1/4	4,366.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,418.62	1/2	3,749.12	1/2	4,069.14	1/2	4,372.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,425.52	3/4	3,755.95	3/4	4,075.62	3/4	4,378.50	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,432.41	10	3,762.78	10	4,082.09	10	4,384.66	10		10		10		10		10		10	
1/4	3,439.30	1/4	3,769.58	1/4	4,088.54	1/4	4,390.79	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,446.19	1/2	3,776.38	1/2	4,094.99	1/2	4,396.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,453.09	3/4	3,783.18	3/4	4,101.43	3/4	4,403.06	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,459.98	11	3,789.98	11	4,107.88	11	4,409.19	11		11		11		11		11		11	
1/4	3,466.87	1/4	3,796.76	1/4	4,114.30	1/4	4,415.30	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,473.77	1/2	3,803.53	1/2	4,120.72	1/2	4,421.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,480.66	3/4	3,810.31	3/4	4,127.15	3/4	4,427.51	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/27/2022 JS
CALCULATED: 04/27/2022 SW
RENAMED: 05/02/2022 CL

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2022



BARGE "CTC 29111"

**1 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 309

GAUGE HEIGHT 15'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	10.12	0	258.94	0	539.88	0	842.58	0	1,167.13	0	1,497.30	0	1,827.47	0	2,157.60	0	2,487.64	0	2,817.68
1/4	13.43	1/4	264.58	1/4	545.97	1/4	849.15	1/4	1,174.01	1/4	1,504.18	1/4	1,834.35	1/4	2,164.47	1/4	2,494.52	1/4	2,824.56
1/2	16.75	1/2	270.22	1/2	552.06	1/2	855.71	1/2	1,180.89	1/2	1,511.06	1/2	1,841.23	1/2	2,171.35	1/2	2,501.39	1/2	2,831.43
3/4	20.06	3/4	275.86	3/4	558.15	3/4	862.27	3/4	1,187.77	3/4	1,517.94	3/4	1,848.10	3/4	2,178.22	3/4	2,508.27	3/4	2,838.31
1	23.38	1	281.50	1	564.24	1	868.83	1	1,194.65	1	1,524.82	1	1,854.98	1	2,185.10	1	2,515.14	1	2,845.19
1/4	28.01	1/4	287.17	1/4	570.36	1/4	875.44	1/4	1,201.53	1/4	1,531.69	1/4	1,861.86	1/4	2,191.98	1/4	2,522.02	1/4	2,852.06
1/2	32.65	1/2	292.85	1/2	576.49	1/2	882.04	1/2	1,208.40	1/2	1,538.57	1/2	1,868.74	1/2	2,198.85	1/2	2,528.90	1/2	2,858.94
3/4	37.28	3/4	298.53	3/4	582.62	3/4	888.64	3/4	1,215.28	3/4	1,545.45	3/4	1,875.62	3/4	2,205.73	3/4	2,535.77	3/4	2,865.81
2	41.92	2	304.20	2	588.75	2	895.24	2	1,222.16	2	1,552.33	2	1,882.50	2	2,212.60	2	2,542.65	2	2,872.69
1/4	47.17	1/4	309.92	1/4	594.92	1/4	901.88	1/4	1,229.04	1/4	1,559.21	1/4	1,889.38	1/4	2,219.48	1/4	2,549.52	1/4	2,879.57
1/2	52.42	1/2	315.63	1/2	601.09	1/2	908.52	1/2	1,235.92	1/2	1,566.09	1/2	1,896.25	1/2	2,226.36	1/2	2,556.40	1/2	2,886.44
3/4	57.67	3/4	321.35	3/4	607.26	3/4	915.17	3/4	1,242.80	3/4	1,572.96	3/4	1,903.13	3/4	2,233.23	3/4	2,563.27	3/4	2,893.32
3	62.92	3	327.06	3	613.43	3	921.81	3	1,249.68	3	1,579.84	3	1,910.01	3	2,240.11	3	2,570.15	3	2,900.19
1/4	68.20	1/4	332.82	1/4	619.64	1/4	928.49	1/4	1,256.55	1/4	1,586.72	1/4	1,916.89	1/4	2,246.98	1/4	2,577.03	1/4	2,907.07
1/2	73.49	1/2	338.58	1/2	625.85	1/2	935.17	1/2	1,263.43	1/2	1,593.60	1/2	1,923.77	1/2	2,253.86	1/2	2,583.90	1/2	2,913.95
3/4	78.78	3/4	344.34	3/4	632.05	3/4	941.85	3/4	1,270.31	3/4	1,600.48	3/4	1,930.65	3/4	2,260.74	3/4	2,590.78	3/4	2,920.82
4	84.07	4	350.09	4	638.26	4	948.53	4	1,277.19	4	1,607.36	4	1,937.53	4	2,267.61	4	2,597.65	4	2,927.70
1/4	89.39	1/4	355.89	1/4	644.51	1/4	955.25	1/4	1,284.07	1/4	1,614.24	1/4	1,944.40	1/4	2,274.49	1/4	2,604.53	1/4	2,934.58
1/2	94.72	1/2	361.69	1/2	650.76	1/2	961.97	1/2	1,290.95	1/2	1,621.11	1/2	1,951.28	1/2	2,281.36	1/2	2,611.41	1/2	2,941.45
3/4	100.05	3/4	367.49	3/4	657.01	3/4	968.69	3/4	1,297.82	3/4	1,627.99	3/4	1,958.16	3/4	2,288.24	3/4	2,618.28	3/4	2,948.33
5	105.38	5	373.29	5	663.26	5	975.41	5	1,304.70	5	1,634.87	5	1,965.04	5	2,295.11	5	2,625.16	5	2,955.21
1/4	110.74	1/4	379.13	1/4	669.54	1/4	982.17	1/4	1,311.58	1/4	1,641.75	1/4	1,971.92	1/4	2,301.99	1/4	2,632.03	1/4	2,962.08
1/2	116.11	1/2	384.96	1/2	675.83	1/2	988.93	1/2	1,318.46	1/2	1,648.63	1/2	1,978.80	1/2	2,308.87	1/2	2,638.91	1/2	2,968.96
3/4	121.48	3/4	390.80	3/4	682.12	3/4	995.69	3/4	1,325.34	3/4	1,655.51	3/4	1,985.67	3/4	2,315.74	3/4	2,645.79	3/4	2,975.84
6	126.84	6	396.64	6	688.40	6	1,002.44	6	1,332.22	6	1,662.39	6	1,992.55	6	2,322.62	6	2,652.66	6	2,982.71
1/4	132.25	1/4	402.52	1/4	694.73	1/4	1,009.25	1/4	1,339.10	1/4	1,669.26	1/4	1,999.43	1/4	2,329.49	1/4	2,659.54	1/4	2,989.59
1/2	137.65	1/2	408.39	1/2	701.05	1/2	1,016.06	1/2	1,345.97	1/2	1,676.14	1/2	2,006.31	1/2	2,336.37	1/2	2,666.41	1/2	2,996.46
3/4	143.06	3/4	414.27	3/4	707.38	3/4	1,022.87	3/4	1,352.85	3/4	1,683.02	3/4	2,013.19	3/4	2,343.25	3/4	2,673.29	3/4	3,003.34
7	148.47	7	420.15	7	713.70	7	1,029.68	7	1,359.73	7	1,689.90	7	2,020.07	7	2,350.12	7	2,680.16	7	3,010.21
1/4	153.91	1/4	426.06	1/4	720.06	1/4	1,036.53	1/4	1,366.61	1/4	1,696.78	1/4	2,026.95	1/4	2,357.00	1/4	2,687.04	1/4	3,017.09
1/2	159.36	1/2	431.98	1/2	726.43	1/2	1,043.39	1/2	1,373.49	1/2	1,703.66	1/2	2,033.82	1/2	2,363.87	1/2	2,693.92	1/2	3,023.97
3/4	164.80	3/4	437.90	3/4	732.79	3/4	1,050.24	3/4	1,380.37	3/4	1,710.53	3/4	2,040.70	3/4	2,370.75	3/4	2,700.79	3/4	3,030.84
8	170.25	8	443.81	8	739.15	8	1,057.10	8	1,387.25	8	1,717.41	8	2,047.58	8	2,377.63	8	2,707.67	8	3,037.72
1/4	175.73	1/4	449.77	1/4	745.56	1/4	1,063.97	1/4	1,394.12	1/4	1,724.29	1/4	2,054.46	1/4	2,384.50	1/4	2,714.54	1/4	3,044.59
1/2	181.21	1/2	455.72	1/2	751.96	1/2	1,070.84	1/2	1,401.00	1/2	1,731.17	1/2	2,061.33	1/2	2,391.38	1/2	2,721.42	1/2	3,051.47
3/4	186.70	3/4	461.68	3/4	758.37	3/4	1,077.72	3/4	1,407.88	3/4	1,738.05	3/4	2,068.21	3/4	2,398.25	3/4	2,728.30	3/4	3,058.35
9	192.18	9	467.63	9	764.77	9	1,084.59	9	1,414.76	9	1,744.93	9	2,075.09	9	2,405.13	9	2,735.17	9	3,065.22
1/4	197.71	1/4	473.63	1/4	771.22	1/4	1,091.47	1/4	1,421.64	1/4	1,751.81	1/4	2,081.96	1/4	2,412.00	1/4	2,742.05	1/4	3,072.10
1/2	203.23	1/2	479.62	1/2	777.66	1/2	1,098.35	1/2	1,428.52	1/2	1,758.68	1/2	2,088.84	1/2	2,418.88	1/2	2,748.92	1/2	3,078.97
3/4	208.75	3/4	485.61	3/4	784.11	3/4	1,105.23	3/4	1,435.39	3/4	1,765.56	3/4	2,095.71	3/4	2,425.76	3/4	2,755.80	3/4	3,085.85
10	214.28	10	491.60	10	790.55	10	1,112.11	10	1,442.27	10	1,772.44	10	2,102.59	10	2,432.63	10	2,762.68	10	3,092.72
1/4	219.84	1/4	497.62	1/4	797.04	1/4	1,118.98	1/4	1,449.15	1/4	1,779.32	1/4	2,109.47	1/4	2,439.51	1/4	2,769.55	1/4	3,099.60
1/2	225.40	1/2	503.64	1/2	803.52	1/2	1,125.86	1/2	1,456.03	1/2	1,786.20	1/2	2,116.34	1/2	2,446.38	1/2	2,776.43	1/2	3,106.48
3/4	230.97	3/4	509.66	3/4	810.01	3/4	1,132.74	3/4	1,462.91	3/4	1,793.08	3/4	2,123.22	3/4	2,453.26	3/4	2,783.30	3/4	3,113.35
11	236.53	11	515.68	11	816.49	11	1,139.62	11	1,469.79	11	1,799.96	11	2,130.09	11	2,460.14	11	2,790.18	11	3,120.23
1/4	242.13	1/4	521.73	1/4	823.01	1/4	1,146.50	1/4	1,476.67	1/4	1,806.83	1/4	2,136.97	1/4	2,467.01	1/4	2,797.06	1/4	3,127.10
1/2	247.73	1/2	527.78	1/2	829.54	1/2	1,153.38	1/2	1,483.54	1/2	1,813.71	1/2	2,143.84	1/2	2,473.89	1/2	2,803.93	1/2	3,133.98
3/4	253.33	3/4	533.83	3/4	836.06	3/4	1,160.25	3/4	1,490.42	3/4	1,820.59	3/4	2,150.72	3/4	2,480.76	3/4	2,810.81	3/4	3,140.86

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 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 29111"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 309

GAUGE HEIGHT 15'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,147.73	0	3,477.77	0	3,806.48	0	4,122.17	0	4,421.46	0		0		0		0		0	
1/4	3,154.61	1/4	3,484.65	1/4	3,813.21	1/4	4,128.55	1/4	4,427.72	1/4		1/4		1/4		1/4		1/4	
1/2	3,161.48	1/2	3,491.52	1/2	3,819.94	1/2	4,134.93	1/2	4,433.99	1/2		1/2		1/2		1/2		1/2	
3/4	3,168.36	3/4	3,498.40	3/4	3,826.68	3/4	4,141.30	3/4	4,440.25	3/4		3/4		3/4		3/4		3/4	
1	3,175.23	1	3,505.27	1	3,833.41	1	4,147.68	1	4,446.52	1		1		1		1		1	
1/4	3,182.11	1/4	3,512.15	1/4	3,840.11	1/4	4,154.04	1/4	4,453.16	1/4		1/4		1/4		1/4		1/4	
1/2	3,188.99	1/2	3,519.02	1/2	3,846.82	1/2	4,160.39	1/2	4,459.80	1/2		1/2		1/2		1/2		1/2	
3/4	3,195.86	3/4	3,525.90	3/4	3,853.53	3/4	4,166.74	3/4	4,466.45	3/4		3/4		3/4		3/4		3/4	
2	3,202.74	2	3,532.78	2	3,860.23	2	4,173.09	2	4,473.09	2		2		2		2		2	
1/4	3,209.61	1/4	3,539.65	1/4	3,866.91	1/4	4,179.42	1/4	4,479.93	1/4		1/4		1/4		1/4		1/4	
1/2	3,216.49	1/2	3,546.53	1/2	3,873.59	1/2	4,185.75	1/2	4,486.76	1/2		1/2		1/2		1/2		1/2	
3/4	3,223.36	3/4	3,553.40	3/4	3,880.27	3/4	4,192.07	3/4	4,493.60	3/4		3/4		3/4		3/4		3/4	
3	3,230.24	3	3,560.28	3	3,886.95	3	4,198.40	3	4,500.43	3		3		3		3		3	
1/4	3,237.12	1/4	3,567.15	1/4	3,893.61	1/4	4,204.70	1/4	4,507.18	1/4		1/4		1/4		1/4		1/4	
1/2	3,243.99	1/2	3,574.03	1/2	3,900.26	1/2	4,211.00	1/2	4,513.93	1/2		1/2		1/2		1/2		1/2	
3/4	3,250.87	3/4	3,580.91	3/4	3,906.91	3/4	4,217.30	3/4	4,520.68	3/4		3/4		3/4		3/4		3/4	
4	3,257.74	4	3,587.78	4	3,913.57	4	4,223.60	4	4,527.43	4		4		4		4		4	
1/4	3,264.62	1/4	3,594.66	1/4	3,920.19	1/4	4,229.88	1/4	4,533.50	1/4		1/4		1/4		1/4		1/4	
1/2	3,271.50	1/2	3,601.53	1/2	3,926.82	1/2	4,236.15	1/2	4,539.56	1/2		1/2		1/2		1/2		1/2	
3/4	3,278.37	3/4	3,608.41	3/4	3,933.45	3/4	4,242.43	3/4	4,545.62	3/4		3/4		3/4		3/4		3/4	
5	3,285.25	5	3,615.29	5	3,940.08	5	4,248.70	5	4,551.68	5		5		5		5		5	
1/4	3,292.12	1/4	3,622.16	1/4	3,946.68	1/4	4,254.95	1/4	4,556.46	1/4		1/4		1/4		1/4		1/4	
1/2	3,299.00	1/2	3,629.04	1/2	3,953.28	1/2	4,261.20	1/2	4,561.23	1/2		1/2		1/2		1/2		1/2	
3/4	3,305.87	3/4	3,635.91	3/4	3,959.88	3/4	4,267.45	3/4	4,566.00	3/4		3/4		3/4		3/4		3/4	
6	3,312.75	6	3,642.79	6	3,966.48	6	4,273.69	6	4,570.77	6		6		6		6		6	
1/4	3,319.63	1/4	3,649.66	1/4	3,973.06	1/4	4,279.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,326.50	1/2	3,656.54	1/2	3,979.63	1/2	4,286.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,333.38	3/4	3,663.41	3/4	3,986.21	3/4	4,292.36	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,340.25	7	3,670.28	7	3,992.78	7	4,298.58	7		7		7		7		7		7	
1/4	3,347.13	1/4	3,677.14	1/4	3,999.33	1/4	4,304.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,354.00	1/2	3,684.00	1/2	4,005.88	1/2	4,310.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,360.88	3/4	3,690.86	3/4	4,012.43	3/4	4,317.17	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,367.76	8	3,697.72	8	4,018.98	8	4,323.37	8		8		8		8		8		8	
1/4	3,374.63	1/4	3,704.56	1/4	4,025.48	1/4	4,329.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,381.51	1/2	3,711.39	1/2	4,031.99	1/2	4,335.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,388.38	3/4	3,718.23	3/4	4,038.49	3/4	4,341.88	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,395.26	9	3,725.07	9	4,044.99	9	4,348.05	9		9		9		9		9		9	
1/4	3,402.14	1/4	3,731.88	1/4	4,051.45	1/4	4,354.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,409.01	1/2	3,738.69	1/2	4,057.91	1/2	4,360.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,415.89	3/4	3,745.50	3/4	4,064.37	3/4	4,366.48	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,422.76	10	3,752.31	10	4,070.82	10	4,372.62	10		10		10		10		10		10	
1/4	3,429.64	1/4	3,759.09	1/4	4,077.25	1/4	4,378.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,436.51	1/2	3,765.88	1/2	4,083.69	1/2	4,384.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,443.39	3/4	3,772.66	3/4	4,090.12	3/4	4,390.97	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,450.27	11	3,779.45	11	4,096.55	11	4,397.09	11		11		11		11		11		11	
1/4	3,457.14	1/4	3,786.21	1/4	4,102.95	1/4	4,403.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,464.02	1/2	3,792.96	1/2	4,109.36	1/2	4,409.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,470.89	3/4	3,799.72	3/4	4,115.76	3/4	4,415.37	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/27/2022 JS
CALCULATED: 04/27/2022 SW
RENAMED: 05/02/2022 CL

PRECISION MEASUREMENT
& ANALYSIS, INC.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2022



BARGE "CTC 29111"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 309

GAUGE HEIGHT 15'-06"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	13.87	0	389.18	0	777.78	0	1,165.98	0	1,554.79	0	1,943.60	0	2,332.41	0	2,721.18	0	3,109.84	0	3,498.50
1/4	19.27	1/4	397.28	1/4	785.86	1/4	1,174.08	1/4	1,562.89	1/4	1,951.70	1/4	2,340.51	1/4	2,729.28	1/4	3,117.94	1/4	3,506.60
1/2	24.67	1/2	405.38	1/2	793.93	1/2	1,182.18	1/2	1,570.99	1/2	1,959.80	1/2	2,348.61	1/2	2,737.38	1/2	3,126.04	1/2	3,514.70
3/4	30.07	3/4	413.48	3/4	802.01	3/4	1,190.28	3/4	1,579.09	3/4	1,967.90	3/4	2,356.71	3/4	2,745.47	3/4	3,134.13	3/4	3,522.79
1	35.47	1	421.57	1	810.08	1	1,198.38	1	1,587.19	1	1,976.00	1	2,364.81	1	2,753.57	1	3,142.23	1	3,530.89
1/4	42.89	1/4	429.67	1/4	818.16	1/4	1,206.48	1/4	1,595.29	1/4	1,984.10	1/4	2,372.91	1/4	2,761.67	1/4	3,150.33	1/4	3,538.99
1/2	50.32	1/2	437.77	1/2	826.24	1/2	1,214.58	1/2	1,603.39	1/2	1,992.20	1/2	2,381.01	1/2	2,769.76	1/2	3,158.42	1/2	3,547.09
3/4	57.74	3/4	445.86	3/4	834.31	3/4	1,222.68	3/4	1,611.49	3/4	2,000.30	3/4	2,389.11	3/4	2,777.86	3/4	3,166.52	3/4	3,555.18
2	65.17	2	453.96	2	842.39	2	1,230.78	2	1,619.59	2	2,008.40	2	2,397.21	2	2,785.96	2	3,174.62	2	3,563.28
1/4	73.27	1/4	462.05	1/4	850.47	1/4	1,238.88	1/4	1,627.69	1/4	2,016.50	1/4	2,405.31	1/4	2,794.06	1/4	3,182.72	1/4	3,571.38
1/2	81.37	1/2	470.15	1/2	858.55	1/2	1,246.98	1/2	1,635.79	1/2	2,024.60	1/2	2,413.41	1/2	2,802.15	1/2	3,190.81	1/2	3,579.47
3/4	89.47	3/4	478.24	3/4	866.63	3/4	1,255.08	3/4	1,643.89	3/4	2,032.70	3/4	2,421.51	3/4	2,810.25	3/4	3,198.91	3/4	3,587.57
3	97.57	3	486.34	3	874.71	3	1,263.18	3	1,651.99	3	2,040.80	3	2,429.61	3	2,818.35	3	3,207.01	3	3,595.67
1/4	105.67	1/4	494.44	1/4	882.78	1/4	1,271.28	1/4	1,660.09	1/4	2,048.90	1/4	2,437.71	1/4	2,826.44	1/4	3,215.10	1/4	3,603.77
1/2	113.77	1/2	502.54	1/2	890.86	1/2	1,279.38	1/2	1,668.19	1/2	2,057.00	1/2	2,445.81	1/2	2,834.54	1/2	3,223.20	1/2	3,611.86
3/4	121.87	3/4	510.64	3/4	898.94	3/4	1,287.48	3/4	1,676.29	3/4	2,065.10	3/4	2,453.91	3/4	2,842.64	3/4	3,231.30	3/4	3,619.96
4	129.97	4	518.74	4	907.02	4	1,295.58	4	1,684.39	4	2,073.20	4	2,462.01	4	2,850.74	4	3,239.40	4	3,628.06
1/4	138.07	1/4	526.84	1/4	915.10	1/4	1,303.68	1/4	1,692.49	1/4	2,081.30	1/4	2,470.11	1/4	2,858.83	1/4	3,247.49	1/4	3,636.16
1/2	146.17	1/2	534.94	1/2	923.18	1/2	1,311.78	1/2	1,700.59	1/2	2,089.40	1/2	2,478.21	1/2	2,866.93	1/2	3,255.59	1/2	3,644.26
3/4	154.27	3/4	543.04	3/4	931.25	3/4	1,319.88	3/4	1,708.69	3/4	2,097.50	3/4	2,486.31	3/4	2,875.03	3/4	3,263.69	3/4	3,652.35
5	162.37	5	551.14	5	939.33	5	1,327.98	5	1,716.79	5	2,105.60	5	2,494.41	5	2,883.12	5	3,271.78	5	3,660.45
1/4	170.47	1/4	559.24	1/4	947.41	1/4	1,336.08	1/4	1,724.89	1/4	2,113.70	1/4	2,502.51	1/4	2,891.22	1/4	3,279.88	1/4	3,668.55
1/2	178.57	1/2	567.34	1/2	955.49	1/2	1,344.19	1/2	1,732.99	1/2	2,121.80	1/2	2,510.61	1/2	2,899.32	1/2	3,287.98	1/2	3,676.65
3/4	186.67	3/4	575.44	3/4	963.57	3/4	1,352.29	3/4	1,741.09	3/4	2,129.90	3/4	2,518.71	3/4	2,907.41	3/4	3,296.08	3/4	3,684.74
6	194.77	6	583.54	6	971.65	6	1,360.39	6	1,749.20	6	2,138.00	6	2,526.81	6	2,915.51	6	3,304.17	6	3,692.84
1/4	202.87	1/4	591.64	1/4	979.73	1/4	1,368.49	1/4	1,757.30	1/4	2,146.10	1/4	2,534.91	1/4	2,923.61	1/4	3,312.27	1/4	3,700.94
1/2	210.97	1/2	599.74	1/2	987.82	1/2	1,376.59	1/2	1,765.40	1/2	2,154.21	1/2	2,543.01	1/2	2,931.71	1/2	3,320.37	1/2	3,709.04
3/4	219.07	3/4	607.84	3/4	995.90	3/4	1,384.69	3/4	1,773.50	3/4	2,162.31	3/4	2,551.11	3/4	2,939.80	3/4	3,328.46	3/4	3,717.13
7	227.17	7	615.94	7	1,003.99	7	1,392.79	7	1,781.60	7	2,170.41	7	2,559.22	7	2,947.90	7	3,336.56	7	3,725.23
1/4	235.27	1/4	624.04	1/4	1,012.09	1/4	1,400.89	1/4	1,789.70	1/4	2,178.51	1/4	2,567.32	1/4	2,956.00	1/4	3,344.66	1/4	3,733.33
1/2	243.37	1/2	632.14	1/2	1,020.18	1/2	1,408.99	1/2	1,797.80	1/2	2,186.61	1/2	2,575.42	1/2	2,964.09	1/2	3,352.76	1/2	3,741.42
3/4	251.47	3/4	640.24	3/4	1,028.28	3/4	1,417.09	3/4	1,805.90	3/4	2,194.71	3/4	2,583.53	3/4	2,972.19	3/4	3,360.85	3/4	3,749.52
8	259.58	8	648.34	8	1,036.38	8	1,425.19	8	1,814.00	8	2,202.81	8	2,591.63	8	2,980.29	8	3,368.95	8	3,757.62
1/4	267.68	1/4	656.44	1/4	1,044.48	1/4	1,433.29	1/4	1,822.10	1/4	2,210.91	1/4	2,599.73	1/4	2,988.39	1/4	3,377.05	1/4	3,765.71
1/2	275.78	1/2	664.54	1/2	1,052.58	1/2	1,441.39	1/2	1,830.20	1/2	2,219.01	1/2	2,607.82	1/2	2,996.48	1/2	3,385.14	1/2	3,773.81
3/4	283.88	3/4	672.64	3/4	1,060.68	3/4	1,449.49	3/4	1,838.30	3/4	2,227.11	3/4	2,615.92	3/4	3,004.58	3/4	3,393.24	3/4	3,781.91
9	291.98	9	680.74	9	1,068.78	9	1,457.59	9	1,846.40	9	2,235.21	9	2,624.02	9	3,012.68	9	3,401.34	9	3,790.01
1/4	300.08	1/4	688.84	1/4	1,076.88	1/4	1,465.69	1/4	1,854.50	1/4	2,243.31	1/4	2,632.11	1/4	3,020.77	1/4	3,409.44	1/4	3,798.10
1/2	308.18	1/2	696.93	1/2	1,084.98	1/2	1,473.79	1/2	1,862.60	1/2	2,251.41	1/2	2,640.21	1/2	3,028.87	1/2	3,417.53	1/2	3,806.20
3/4	316.28	3/4	705.03	3/4	1,093.08	3/4	1,481.89	3/4	1,870.70	3/4	2,259.51	3/4	2,648.31	3/4	3,036.97	3/4	3,425.63	3/4	3,814.30
10	324.38	10	713.13	10	1,101.18	10	1,489.99	10	1,878.80	10	2,267.61	10	2,656.40	10	3,045.07	10	3,433.73	10	3,822.39
1/4	332.48	1/4	721.21	1/4	1,109.28	1/4	1,498.09	1/4	1,886.90	1/4	2,275.71	1/4	2,664.50	1/4	3,053.16	1/4	3,441.82	1/4	3,830.49
1/2	340.58	1/2	729.30	1/2	1,117.38	1/2	1,506.19	1/2	1,895.00	1/2	2,283.81	1/2	2,672.60	1/2	3,061.26	1/2	3,449.92	1/2	3,838.59
3/4	348.68	3/4	737.39	3/4	1,125.48	3/4	1,514.29	3/4	1,903.10	3/4	2,291.91	3/4	2,680.70	3/4	3,069.36	3/4	3,458.02	3/4	3,846.68
11	356.78	11	745.47	11	1,133.58	11	1,522.39	11	1,911.20	11	2,300.01	11	2,688.79	11	3,077.45	11	3,466.11	11	3,854.78
1/4	364.88	1/4	753.55	1/4	1,141.68	1/4	1,530.49	1/4	1,919.30	1/4	2,308.11	1/4	2,696.89	1/4	3,085.55	1/4	3,474.21	1/4	3,862.88
1/2	372.98	1/2	761.63	1/2	1,149.78	1/2	1,538.59	1/2	1,927.40	1/2	2,316.21	1/2	2,704.99	1/2	3,093.65	1/2	3,482.31	1/2	3,870.98
3/4	381.08	3/4	769.70	3/4	1,157.88	3/4	1,546.69	3/4	1,935.50	3/4	2,324.31	3/4	2,713.08	3/4	3,101.75	3/4	3,490.41	3/4	3,879.07

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 29111"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 309

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	3,887.17	0	4,275.83	0	4,662.92	0	5,034.67	0	5,387.10	0		0		0		0		0	
1/4	3,895.27	1/4	4,283.92	1/4	4,670.85	1/4	5,042.18	1/4	5,394.48	1/4		1/4		1/4		1/4		1/4	
1/2	3,903.36	1/2	4,292.02	1/2	4,678.77	1/2	5,049.69	1/2	5,401.85	1/2		1/2		1/2		1/2		1/2	
3/4	3,911.46	3/4	4,300.12	3/4	4,686.70	3/4	5,057.21	3/4	5,409.23	3/4		3/4		3/4		3/4		3/4	
1	3,919.56	1	4,308.21	1	4,694.63	1	5,064.72	1	5,416.61	1		1		1		1		1	
1/4	3,927.65	1/4	4,316.31	1/4	4,702.53	1/4	5,072.20	1/4	5,424.43	1/4		1/4		1/4		1/4		1/4	
1/2	3,935.75	1/2	4,324.41	1/2	4,710.42	1/2	5,079.68	1/2	5,432.25	1/2		1/2		1/2		1/2		1/2	
3/4	3,943.85	3/4	4,332.50	3/4	4,718.32	3/4	5,087.16	3/4	5,440.08	3/4		3/4		3/4		3/4		3/4	
2	3,951.95	2	4,340.60	2	4,726.22	2	5,094.64	2	5,447.90	2		2		2		2		2	
1/4	3,960.04	1/4	4,348.70	1/4	4,734.08	1/4	5,102.09	1/4	5,455.95	1/4		1/4		1/4		1/4		1/4	
1/2	3,968.14	1/2	4,356.80	1/2	4,741.95	1/2	5,109.54	1/2	5,464.00	1/2		1/2		1/2		1/2		1/2	
3/4	3,976.24	3/4	4,364.89	3/4	4,749.82	3/4	5,116.99	3/4	5,472.05	3/4		3/4		3/4		3/4		3/4	
3	3,984.33	3	4,372.99	3	4,757.68	3	5,124.44	3	5,480.10	3		3		3		3		3	
1/4	3,992.43	1/4	4,381.09	1/4	4,765.52	1/4	5,131.86	1/4	5,488.05	1/4		1/4		1/4		1/4		1/4	
1/2	4,000.53	1/2	4,389.18	1/2	4,773.35	1/2	5,139.28	1/2	5,496.00	1/2		1/2		1/2		1/2		1/2	
3/4	4,008.62	3/4	4,397.28	3/4	4,397.28	3/4	5,146.70	3/4	5,503.95	3/4		3/4		3/4		3/4		3/4	
4	4,016.72	4	4,405.38	4	4,789.02	4	5,154.12	4	5,511.90	4		4		4		4		4	
1/4	4,024.82	1/4	4,413.47	1/4	4,796.83	1/4	5,161.51	1/4	5,519.04	1/4		1/4		1/4		1/4		1/4	
1/2	4,032.92	1/2	4,421.57	1/2	4,804.63	1/2	5,168.89	1/2	5,526.18	1/2		1/2		1/2		1/2		1/2	
3/4	4,041.01	3/4	4,429.67	3/4	4,812.44	3/4	5,176.28	3/4	5,533.32	3/4		3/4		3/4		3/4		3/4	
5	4,049.11	5	4,437.77	5	4,820.24	5	5,183.67	5	5,540.46	5		5		5		5		5	
1/4	4,057.21	1/4	4,445.86	1/4	4,828.02	1/4	5,191.03	1/4	5,546.07	1/4		1/4		1/4		1/4		1/4	
1/2	4,065.30	1/2	4,453.96	1/2	4,835.79	1/2	5,198.39	1/2	5,551.69	1/2		1/2		1/2		1/2		1/2	
3/4	4,073.40	3/4	4,462.06	3/4	4,843.57	3/4	5,205.74	3/4	5,557.31	3/4		3/4		3/4		3/4		3/4	
6	4,081.50	6	4,470.15	6	4,851.34	6	5,213.10	6	5,562.93	6		6		6		6		6	
1/4	4,089.59	1/4	4,478.25	1/4	4,859.08	1/4	5,220.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,097.69	1/2	4,486.34	1/2	4,866.83	1/2	5,227.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,105.79	3/4	4,494.44	3/4	4,874.57	3/4	5,235.08	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,113.89	7	4,502.53	7	4,882.31	7	5,242.41	7		7		7		7		7		7	
1/4	4,121.98	1/4	4,510.61	1/4	4,890.03	1/4	5,249.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,130.08	1/2	4,518.69	1/2	4,897.74	1/2	5,257.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,138.18	3/4	4,526.76	3/4	4,905.45	3/4	5,264.30	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,146.27	8	4,534.84	8	4,913.16	8	5,271.59	8		8		8		8		8		8	
1/4	4,154.37	1/4	4,542.89	1/4	4,920.82	1/4	5,278.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,162.47	1/2	4,550.94	1/2	4,928.48	1/2	5,286.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,170.56	3/4	4,558.99	3/4	4,936.14	3/4	5,293.39	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,178.66	9	4,567.05	9	4,943.80	9	5,300.65	9		9		9		9		9		9	
1/4	4,186.76	1/4	4,575.07	1/4	4,951.40	1/4	5,307.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,194.86	1/2	4,583.09	1/2	4,959.00	1/2	5,315.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,202.95	3/4	4,591.11	3/4	4,966.61	3/4	5,322.36	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,211.05	10	4,599.13	10	4,974.21	10	5,329.59	10		10		10		10		10		10	
1/4	4,219.15	1/4	4,607.11	1/4	4,981.78	1/4	5,336.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,227.24	1/2	4,615.10	1/2	4,989.36	1/2	5,344.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,235.34	3/4	4,623.09	3/4	4,996.93	3/4	5,351.20	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,243.44	11	4,631.08	11	5,004.50	11	5,358.41	11		11		11		11		11		11	
1/4	4,251.53	1/4	4,639.04	1/4	5,012.04	1/4	5,365.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,259.63	1/2	4,647.00	1/2	5,019.59	1/2	5,372.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,267.73	3/4	4,654.96	3/4	5,027.13	3/4	5,379.93	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/27/2022 JS
CALCULATED: 04/27/2022 SW
RENAMED: 05/02/2022 CL

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2022



BARGE "CTC 29111"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 309

GAUGE HEIGHT 15'-06 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	13.81	0	387.53	0	770.22	0	1,142.13	0	1,522.58	0	1,909.75	0	2,296.92	0	2,684.04	0	3,071.06	0	3,458.08
1/4	19.19	1/4	395.60	1/4	777.96	1/4	1,149.89	1/4	1,530.65	1/4	1,917.82	1/4	2,304.98	1/4	2,692.10	1/4	3,079.12	1/4	3,466.14
1/2	24.56	1/2	403.66	1/2	785.69	1/2	1,157.65	1/2	1,538.71	1/2	1,925.88	1/2	2,313.05	1/2	2,700.17	1/2	3,087.19	1/2	3,474.20
3/4	29.94	3/4	411.73	3/4	793.43	3/4	1,165.41	3/4	1,546.78	3/4	1,933.95	3/4	2,321.12	3/4	2,708.23	3/4	3,095.25	3/4	3,482.27
1	35.32	1	419.79	1	801.17	1	1,173.17	1	1,554.85	1	1,942.01	1	2,329.18	1	2,716.29	1	3,103.31	1	3,490.33
1/4	42.71	1/4	427.85	1/4	808.90	1/4	1,180.93	1/4	1,562.91	1/4	1,950.08	1/4	2,337.25	1/4	2,724.35	1/4	3,111.37	1/4	3,498.39
1/2	50.10	1/2	435.92	1/2	816.64	1/2	1,188.69	1/2	1,570.98	1/2	1,958.15	1/2	2,345.31	1/2	2,732.42	1/2	3,119.44	1/2	3,506.46
3/4	57.50	3/4	443.98	3/4	824.38	3/4	1,196.45	3/4	1,579.04	3/4	1,966.21	3/4	2,353.38	3/4	2,740.48	3/4	3,127.50	3/4	3,514.52
2	64.89	2	452.04	2	832.12	2	1,204.21	2	1,587.11	2	1,974.28	2	2,361.45	2	2,748.54	2	3,135.56	2	3,522.58
1/4	72.96	1/4	460.10	1/4	839.85	1/4	1,211.98	1/4	1,595.18	1/4	1,982.34	1/4	2,369.51	1/4	2,756.61	1/4	3,143.63	1/4	3,530.64
1/2	81.02	1/2	468.16	1/2	847.59	1/2	1,219.74	1/2	1,603.24	1/2	1,990.41	1/2	2,377.58	1/2	2,764.67	1/2	3,151.69	1/2	3,538.71
3/4	89.09	3/4	476.22	3/4	855.33	3/4	1,227.50	3/4	1,611.31	3/4	1,998.48	3/4	2,385.64	3/4	2,772.73	3/4	3,159.75	3/4	3,546.77
3	97.16	3	484.29	3	863.07	3	1,235.26	3	1,619.37	3	2,006.54	3	2,393.71	3	2,780.79	3	3,167.81	3	3,554.83
1/4	105.22	1/4	492.35	1/4	870.81	1/4	1,243.02	1/4	1,627.44	1/4	2,014.61	1/4	2,401.78	1/4	2,788.86	1/4	3,175.88	1/4	3,562.90
1/2	113.29	1/2	500.41	1/2	878.55	1/2	1,250.78	1/2	1,635.51	1/2	2,022.67	1/2	2,409.84	1/2	2,796.92	1/2	3,183.94	1/2	3,570.96
3/4	121.35	3/4	508.48	3/4	886.29	3/4	1,258.54	3/4	1,643.57	3/4	2,030.74	3/4	2,417.91	3/4	2,804.98	3/4	3,192.00	3/4	3,579.02
4	129.42	4	516.54	4	894.03	4	1,266.30	4	1,651.64	4	2,038.81	4	2,425.97	4	2,813.05	4	3,200.07	4	3,587.08
1/4	137.49	1/4	524.61	1/4	901.77	1/4	1,274.06	1/4	1,659.70	1/4	2,046.87	1/4	2,434.04	1/4	2,821.11	1/4	3,208.13	1/4	3,595.15
1/2	145.55	1/2	532.68	1/2	909.51	1/2	1,281.82	1/2	1,667.77	1/2	2,054.94	1/2	2,442.11	1/2	2,829.17	1/2	3,216.19	1/2	3,603.21
3/4	153.62	3/4	540.74	3/4	917.24	3/4	1,289.58	3/4	1,675.84	3/4	2,063.00	3/4	2,450.17	3/4	2,837.24	3/4	3,224.25	3/4	3,611.28
5	161.68	5	548.81	5	924.98	5	1,297.34	5	1,683.90	5	2,071.07	5	2,458.24	5	2,845.30	5	3,232.32	5	3,619.34
1/4	169.75	1/4	556.87	1/4	932.72	1/4	1,305.26	1/4	1,691.97	1/4	2,079.14	1/4	2,466.30	1/4	2,853.36	1/4	3,240.38	1/4	3,627.41
1/2	177.82	1/2	564.94	1/2	940.46	1/2	1,313.17	1/2	1,700.03	1/2	2,087.20	1/2	2,474.37	1/2	2,861.42	1/2	3,248.44	1/2	3,635.47
3/4	185.88	3/4	573.01	3/4	948.20	3/4	1,321.08	3/4	1,708.10	3/4	2,095.27	3/4	2,482.44	3/4	2,869.49	3/4	3,256.51	3/4	3,643.53
6	193.95	6	581.07	6	955.94	6	1,329.00	6	1,716.17	6	2,103.33	6	2,490.50	6	2,877.55	6	3,264.57	6	3,651.60
1/4	202.01	1/4	589.14	1/4	963.69	1/4	1,337.06	1/4	1,724.23	1/4	2,111.40	1/4	2,498.57	1/4	2,885.61	1/4	3,272.63	1/4	3,659.66
1/2	210.08	1/2	597.20	1/2	971.43	1/2	1,345.13	1/2	1,732.30	1/2	2,119.47	1/2	2,506.63	1/2	2,893.68	1/2	3,280.69	1/2	3,667.72
3/4	218.15	3/4	605.27	3/4	979.18	3/4	1,353.20	3/4	1,740.36	3/4	2,127.53	3/4	2,514.70	3/4	2,901.74	3/4	3,288.76	3/4	3,675.78
7	226.21	7	613.34	7	986.93	7	1,361.26	7	1,748.43	7	2,135.60	7	2,522.77	7	2,909.80	7	3,296.82	7	3,683.85
1/4	234.28	1/4	621.40	1/4	994.68	1/4	1,369.33	1/4	1,756.50	1/4	2,143.66	1/4	2,530.83	1/4	2,917.86	1/4	3,304.88	1/4	3,691.91
1/2	242.34	1/2	629.47	1/2	1,002.44	1/2	1,377.39	1/2	1,764.56	1/2	2,151.73	1/2	2,538.90	1/2	2,925.93	1/2	3,312.95	1/2	3,699.97
3/4	250.41	3/4	637.53	3/4	1,010.20	3/4	1,385.46	3/4	1,772.63	3/4	2,159.80	3/4	2,546.97	3/4	2,933.99	3/4	3,321.01	3/4	3,708.03
8	258.48	8	645.60	8	1,017.96	8	1,393.53	8	1,780.69	8	2,167.86	8	2,555.03	8	2,942.05	8	3,329.07	8	3,716.10
1/4	266.54	1/4	653.51	1/4	1,025.72	1/4	1,401.59	1/4	1,788.76	1/4	2,175.93	1/4	2,563.10	1/4	2,950.12	1/4	3,337.13	1/4	3,724.16
1/2	274.61	1/2	661.43	1/2	1,033.48	1/2	1,409.66	1/2	1,796.83	1/2	2,183.99	1/2	2,571.16	1/2	2,958.18	1/2	3,345.20	1/2	3,732.22
3/4	282.67	3/4	669.34	3/4	1,041.24	3/4	1,417.72	3/4	1,804.89	3/4	2,192.06	3/4	2,579.22	3/4	2,966.24	3/4	3,353.26	3/4	3,740.29
9	290.74	9	677.25	9	1,049.00	9	1,425.79	9	1,812.96	9	2,200.13	9	2,587.29	9	2,974.30	9	3,361.32	9	3,748.35
1/4	298.81	1/4	685.01	1/4	1,056.76	1/4	1,433.86	1/4	1,821.02	1/4	2,208.19	1/4	2,595.35	1/4	2,982.37	1/4	3,369.39	1/4	3,756.41
1/2	306.87	1/2	692.77	1/2	1,064.52	1/2	1,441.92	1/2	1,829.09	1/2	2,216.26	1/2	2,603.41	1/2	2,990.43	1/2	3,377.45	1/2	3,764.47
3/4	314.94	3/4	700.53	3/4	1,072.28	3/4	1,449.99	3/4	1,837.16	3/4	2,224.32	3/4	2,611.47	3/4	2,998.49	3/4	3,385.51	3/4	3,772.54
10	323.00	10	708.28	10	1,080.04	10	1,458.05	10	1,845.22	10	2,232.39	10	2,619.54	10	3,006.56	10	3,393.58	10	3,780.60
1/4	331.07	1/4	716.03	1/4	1,087.80	1/4	1,466.12	1/4	1,853.29	1/4	2,240.46	1/4	2,627.60	1/4	3,014.62	1/4	3,401.64	1/4	3,788.66
1/2	339.14	1/2	723.78	1/2	1,095.56	1/2	1,474.19	1/2	1,861.35	1/2	2,248.52	1/2	2,635.66	1/2	3,022.68	1/2	3,409.70	1/2	3,796.73
3/4	347.20	3/4	731.52	3/4	1,103.32	3/4	1,482.25	3/4	1,869.42	3/4	2,256.59	3/4	2,643.73	3/4	3,030.74	3/4	3,417.76	3/4	3,804.79
11	355.27	11	739.27	11	1,111.09	11	1,490.32	11	1,877.49	11	2,264.65	11	2,651.79	11	3,038.81	11	3,425.83	11	3,812.85
1/4	363.33	1/4	747.01	1/4	1,118.85	1/4	1,498.38	1/4	1,885.55	1/4	2,272.72	1/4	2,659.85	1/4	3,046.87	1/4	3,433.89	1/4	3,820.91
1/2	371.40	1/2	754.75	1/2	1,126.61	1/2	1,506.45	1/2	1,893.62	1/2	2,280.79	1/2	2,667.91	1/2	3,054.93	1/2	3,441.95	1/2	3,828.98
3/4	379.47	3/4	762.48	3/4	1,134.37	3/4	1,514.52	3/4	1,901.68	3/4	2,288.85	3/4	2,675.98	3/4	3,063.00	3/4	3,450.02	3/4	3,837.04

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 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 29111"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 309

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	3,845.10	0	4,232.12	0	4,617.57	0	4,987.77	0	5,338.75	0		0		0		0		0	
1/4	3,853.17	1/4	4,240.18	1/4	4,625.47	1/4	4,995.25	1/4	5,346.09	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,861.23	1/2	4,248.24	1/2	4,633.36	1/2	5,002.73	1/2	5,353.44	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,869.29	3/4	4,256.31	3/4	4,641.26	3/4	5,010.21	3/4	5,360.78	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,877.35	1	4,264.37	1	4,649.15	1	5,017.69	1	5,368.13	1		1		1		1		1	
1/4	3,885.42	1/4	4,272.43	1/4	4,657.02	1/4	5,025.14	1/4	5,375.92	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,893.48	1/2	4,280.49	1/2	4,664.88	1/2	5,032.59	1/2	5,383.71	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,901.54	3/4	4,288.56	3/4	4,672.74	3/4	5,040.04	3/4	5,391.50	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,909.60	2	4,296.62	2	4,680.61	2	5,047.49	2	5,399.29	2		2		2		2		2	
1/4	3,917.67	1/4	4,304.68	1/4	4,688.44	1/4	5,054.91	1/4	5,407.31	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,925.73	1/2	4,312.74	1/2	4,696.27	1/2	5,062.33	1/2	5,415.32	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,933.79	3/4	4,320.81	3/4	4,704.11	3/4	5,069.75	3/4	5,423.34	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,941.86	3	4,328.87	3	4,711.94	3	5,077.17	3	5,431.35	3		3		3		3		3	
1/4	3,949.92	1/4	4,336.93	1/4	4,719.74	1/4	5,084.56	1/4	5,439.27	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,957.98	1/2	4,345.00	1/2	4,727.55	1/2	5,091.95	1/2	5,447.18	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,966.04	3/4	4,353.06	3/4	4,735.35	3/4	5,099.33	3/4	5,455.10	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,974.11	4	4,361.12	4	4,743.15	4	5,106.72	4	5,463.01	4		4		4		4		4	
1/4	3,982.17	1/4	4,369.18	1/4	4,750.92	1/4	5,114.08	1/4	5,470.12	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,990.23	1/2	4,377.25	1/2	4,758.70	1/2	5,121.44	1/2	5,477.23	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,998.30	3/4	4,385.31	3/4	4,766.47	3/4	5,128.80	3/4	5,484.34	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	4,006.36	5	4,393.37	5	4,774.24	5	5,136.15	5	5,491.45	5		5		5		5		5	
1/4	4,014.42	1/4	4,401.44	1/4	4,781.98	1/4	5,143.48	1/4	5,497.04	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4,022.48	1/2	4,409.50	1/2	4,789.72	1/2	5,150.81	1/2	5,502.64	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	4,030.55	3/4	4,417.56	3/4	4,797.46	3/4	5,158.14	3/4	5,508.24	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	4,038.61	6	4,425.62	6	4,805.21	6	5,165.46	6	5,513.83	6		6		6		6		6	
1/4	4,046.67	1/4	4,433.68	1/4	4,812.92	1/4	5,172.76	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4,054.74	1/2	4,441.74	1/2	4,820.63	1/2	5,180.06	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	4,062.80	3/4	4,449.80	3/4	4,828.34	3/4	5,187.35	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	4,070.86	7	4,457.86	7	4,836.05	7	5,194.65	7		7		7		7		7		7	
1/4	4,078.92	1/4	4,465.91	1/4	4,843.73	1/4	5,201.92	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4,086.99	1/2	4,473.95	1/2	4,851.41	1/2	5,209.18	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	4,095.05	3/4	4,481.99	3/4	4,859.09	3/4	5,216.45	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	4,103.11	8	4,490.04	8	4,866.77	8	5,223.71	8		8		8		8		8		8	
1/4	4,111.17	1/4	4,498.06	1/4	4,874.40	1/4	5,230.95	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4,119.24	1/2	4,506.07	1/2	4,882.02	1/2	5,238.18	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	4,127.30	3/4	4,514.09	3/4	4,889.65	3/4	5,245.42	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	4,135.36	9	4,522.11	9	4,897.28	9	5,252.66	9		9		9		9		9		9	
1/4	4,143.43	1/4	4,530.09	1/4	4,904.85	1/4	5,259.86	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4,151.49	1/2	4,538.08	1/2	4,912.42	1/2	5,267.06	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	4,159.55	3/4	4,546.06	3/4	4,919.99	3/4	5,274.27	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	4,167.61	10	4,554.05	10	4,927.56	10	5,281.47	10		10		10		10		10		10	
1/4	4,175.68	1/4	4,562.01	1/4	4,935.11	1/4	5,288.65	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4,183.74	1/2	4,569.96	1/2	4,942.65	1/2	5,295.82	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	4,191.80	3/4	4,577.92	3/4	4,950.19	3/4	5,303.00	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	4,199.87	11	4,585.87	11	4,957.73	11	5,310.17	11		11		11		11		11		11	
1/4	4,207.93	1/4	4,593.80	1/4	4,965.24	1/4	5,317.31	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4,215.99	1/2	4,601.72	1/2	4,972.75	1/2	5,324.46	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	4,224.05	3/4	4,609.65	3/4	4,980.26	3/4	5,331.60	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: 04/27/2022 JS
CALCULATED: 04/27/2022 SW
RENAMED: 05/02/2022 CL

PRECISION MEASUREMENT
& ANALYSIS, INC.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2022



BARGE "CTC 29111"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 309

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	12.87	0	360.65	0	717.99	0	1,070.97	0	1,431.09	0	1,791.20	0	2,150.79	0	2,510.78	0	2,870.59	0	3,230.40
1/4	17.88	1/4	368.15	1/4	725.27	1/4	1,078.48	1/4	1,438.59	1/4	1,798.70	1/4	2,158.28	1/4	2,518.27	1/4	2,878.09	1/4	3,237.90
1/2	22.88	1/2	375.66	1/2	732.56	1/2	1,085.98	1/2	1,446.09	1/2	1,806.20	1/2	2,165.77	1/2	2,525.77	1/2	2,885.58	1/2	3,245.39
3/4	27.89	3/4	383.16	3/4	739.84	3/4	1,093.48	3/4	1,453.60	3/4	1,813.70	3/4	2,173.26	3/4	2,533.27	3/4	2,893.08	3/4	3,252.89
1	32.89	1	390.66	1	747.13	1	1,100.98	1	1,461.10	1	1,821.20	1	2,180.75	1	2,540.76	1	2,900.57	1	3,260.39
1/4	39.77	1/4	398.17	1/4	754.42	1/4	1,108.49	1/4	1,468.60	1/4	1,828.71	1/4	2,188.24	1/4	2,548.26	1/4	2,908.07	1/4	3,267.88
1/2	46.65	1/2	405.67	1/2	761.70	1/2	1,115.99	1/2	1,476.10	1/2	1,836.21	1/2	2,195.73	1/2	2,555.75	1/2	2,915.57	1/2	3,275.38
3/4	53.53	3/4	413.17	3/4	768.99	3/4	1,123.49	3/4	1,483.61	3/4	1,843.71	3/4	2,203.22	3/4	2,563.25	3/4	2,923.06	3/4	3,282.87
2	60.41	2	420.67	2	776.28	2	1,130.99	2	1,491.11	2	1,851.21	2	2,210.70	2	2,570.75	2	2,930.56	2	3,290.37
1/4	67.92	1/4	428.17	1/4	783.57	1/4	1,138.50	1/4	1,498.61	1/4	1,858.71	1/4	2,218.20	1/4	2,578.24	1/4	2,938.05	1/4	3,297.87
1/2	75.42	1/2	435.67	1/2	790.86	1/2	1,146.00	1/2	1,506.11	1/2	1,866.20	1/2	2,225.70	1/2	2,585.74	1/2	2,945.55	1/2	3,305.36
3/4	82.93	3/4	443.17	3/4	798.15	3/4	1,153.50	3/4	1,513.61	3/4	1,873.69	3/4	2,233.20	3/4	2,593.23	3/4	2,953.05	3/4	3,312.86
3	90.43	3	450.68	3	805.43	3	1,161.01	3	1,521.12	3	1,881.19	3	2,240.69	3	2,600.73	3	2,960.54	3	3,320.36
1/4	97.94	1/4	458.18	1/4	812.72	1/4	1,168.51	1/4	1,528.62	1/4	1,888.68	1/4	2,248.20	1/4	2,608.23	1/4	2,968.04	1/4	3,327.85
1/2	105.45	1/2	465.68	1/2	820.01	1/2	1,176.01	1/2	1,536.12	1/2	1,896.17	1/2	2,255.70	1/2	2,615.72	1/2	2,975.53	1/2	3,335.35
3/4	112.95	3/4	473.19	3/4	827.30	3/4	1,183.51	3/4	1,543.62	3/4	1,903.66	3/4	2,263.21	3/4	2,623.22	3/4	2,983.03	3/4	3,342.84
4	120.46	4	480.69	4	834.59	4	1,191.02	4	1,551.13	4	1,911.14	4	2,270.71	4	2,630.71	4	2,990.53	4	3,350.34
1/4	127.96	1/4	488.20	1/4	841.88	1/4	1,198.52	1/4	1,558.63	1/4	1,918.63	1/4	2,278.22	1/4	2,638.21	1/4	2,998.02	1/4	3,357.78
1/2	135.47	1/2	495.71	1/2	849.17	1/2	1,206.02	1/2	1,566.13	1/2	1,926.12	1/2	2,285.73	1/2	2,645.71	1/2	3,005.52	1/2	3,365.22
3/4	142.98	3/4	503.21	3/4	856.46	3/4	1,213.52	3/4	1,573.63	3/4	1,933.61	3/4	2,293.23	3/4	2,653.20	3/4	3,013.02	3/4	3,372.66
5	150.48	5	510.72	5	863.74	5	1,221.03	5	1,581.13	5	1,941.10	5	2,300.74	5	2,660.70	5	3,020.51	5	3,380.10
1/4	157.99	1/4	518.22	1/4	871.03	1/4	1,228.53	1/4	1,588.64	1/4	1,948.59	1/4	2,308.24	1/4	2,668.19	1/4	3,028.01	1/4	3,387.49
1/2	165.49	1/2	525.73	1/2	878.32	1/2	1,236.03	1/2	1,596.14	1/2	1,956.08	1/2	2,315.75	1/2	2,675.69	1/2	3,035.50	1/2	3,394.87
3/4	173.00	3/4	533.24	3/4	885.61	3/4	1,243.53	3/4	1,603.64	3/4	1,963.57	3/4	2,323.25	3/4	2,683.19	3/4	3,043.00	3/4	3,402.26
6	180.51	6	540.74	6	892.90	6	1,251.04	6	1,611.14	6	1,971.06	6	2,330.76	6	2,690.68	6	3,050.50	6	3,409.64
1/4	188.01	1/4	548.25	1/4	900.20	1/4	1,258.54	1/4	1,618.64	1/4	1,978.55	1/4	2,338.26	1/4	2,698.18	1/4	3,057.99	1/4	3,417.03
1/2	195.52	1/2	555.75	1/2	907.49	1/2	1,266.04	1/2	1,626.15	1/2	1,986.03	1/2	2,345.77	1/2	2,705.68	1/2	3,065.49	1/2	3,424.42
3/4	203.02	3/4	563.26	3/4	914.79	3/4	1,273.55	3/4	1,633.65	3/4	1,993.52	3/4	2,353.28	3/4	2,713.17	3/4	3,072.98	3/4	3,431.80
7	210.53	7	570.77	7	922.08	7	1,281.05	7	1,641.15	7	2,001.01	7	2,360.78	7	2,720.67	7	3,080.48	7	3,439.19
1/4	218.04	1/4	578.27	1/4	929.39	1/4	1,288.55	1/4	1,648.65	1/4	2,008.50	1/4	2,368.28	1/4	2,728.16	1/4	3,087.98	1/4	3,446.57
1/2	225.54	1/2	585.78	1/2	936.70	1/2	1,296.05	1/2	1,656.16	1/2	2,015.99	1/2	2,375.79	1/2	2,735.66	1/2	3,095.47	1/2	3,453.96
3/4	233.05	3/4	593.28	3/4	944.01	3/4	1,303.55	3/4	1,663.66	3/4	2,023.48	3/4	2,383.29	3/4	2,743.16	3/4	3,102.97	3/4	3,461.34
8	240.55	8	600.79	8	951.31	8	1,311.05	8	1,671.16	8	2,030.97	8	2,390.80	8	2,750.65	8	3,110.46	8	3,468.73
1/4	248.06	1/4	608.20	1/4	958.72	1/4	1,318.56	1/4	1,678.66	1/4	2,038.46	1/4	2,398.30	1/4	2,758.15	1/4	3,117.96	1/4	3,476.11
1/2	255.56	1/2	615.61	1/2	966.13	1/2	1,326.06	1/2	1,686.16	1/2	2,045.95	1/2	2,405.80	1/2	2,765.64	1/2	3,125.46	1/2	3,483.50
3/4	263.07	3/4	623.01	3/4	973.53	3/4	1,333.56	3/4	1,693.67	3/4	2,053.44	3/4	2,413.31	3/4	2,773.14	3/4	3,132.95	3/4	3,490.88
9	270.58	9	630.42	9	980.94	9	1,341.06	9	1,701.17	9	2,060.92	9	2,420.81	9	2,780.64	9	3,140.45	9	3,498.27
1/4	278.08	1/4	637.73	1/4	988.44	1/4	1,348.57	1/4	1,708.67	1/4	2,068.41	1/4	2,428.31	1/4	2,788.13	1/4	3,147.95	1/4	3,505.66
1/2	285.59	1/2	645.04	1/2	995.95	1/2	1,356.07	1/2	1,716.17	1/2	2,075.90	1/2	2,435.81	1/2	2,795.63	1/2	3,155.44	1/2	3,513.04
3/4	293.09	3/4	652.34	3/4	1,003.45	3/4	1,363.57	3/4	1,723.68	3/4	2,083.39	3/4	2,443.31	3/4	2,803.12	3/4	3,162.94	3/4	3,520.43
10	300.60	10	659.65	10	1,010.95	10	1,371.07	10	1,731.18	10	2,090.88	10	2,450.81	10	2,810.62	10	3,170.43	10	3,527.81
1/4	308.11	1/4	666.95	1/4	1,018.45	1/4	1,378.57	1/4	1,738.68	1/4	2,098.37	1/4	2,458.30	1/4	2,818.12	1/4	3,177.93	1/4	3,535.25
1/2	315.61	1/2	674.24	1/2	1,025.96	1/2	1,386.08	1/2	1,746.18	1/2	2,105.86	1/2	2,465.80	1/2	2,825.61	1/2	3,185.43	1/2	3,542.69
3/4	323.12	3/4	681.54	3/4	1,033.46	3/4	1,393.58	3/4	1,753.68	3/4	2,113.35	3/4	2,473.30	3/4	2,833.11	3/4	3,192.92	3/4	3,550.13
11	330.62	11	688.84	11	1,040.96	11	1,401.08	11	1,761.19	11	2,120.84	11	2,480.79	11	2,840.61	11	3,200.42	11	3,557.57
1/4	338.13	1/4	696.12	1/4	1,048.46	1/4	1,408.58	1/4	1,768.69	1/4	2,128.33	1/4	2,488.29	1/4	2,848.10	1/4	3,207.91	1/4	3,564.98
1/2	345.64	1/2	703.41	1/2	1,055.97	1/2	1,416.09	1/2	1,776.19	1/2	2,135.81	1/2	2,495.78	1/2	2,855.60	1/2	3,215.41	1/2	3,571.60
3/4	353.14	3/4	710.70	3/4	1,063.47	3/4	1,423.59	3/4	1,783.69	3/4	2,143.30	3/4	2,503.28	3/4	2,863.09	3/4	3,222.91	3/4	3,578.61

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 29111"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 309

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	3,585.62	0	3,854.07	0	4,119.12	0	4,370.10	0	4,602.90	0		0		0		0		0	
1/4	3,591.66	1/4	3,859.62	1/4	4,124.51	1/4	4,375.12	1/4	4,607.73	1/4		1/4		1/4		1/4		1/4	
1/2	3,597.70	1/2	3,865.18	1/2	4,129.91	1/2	4,380.14	1/2	4,612.56	1/2		1/2		1/2		1/2		1/2	
3/4	3,603.74	3/4	3,870.73	3/4	4,135.30	3/4	4,385.16	3/4	4,617.39	3/4		3/4		3/4		3/4		3/4	
1	3,609.78	1	3,876.28	1	4,140.70	1	4,390.18	1	4,622.22	1		1		1		1		1	
1/4	3,615.33	1/4	3,881.83	1/4	4,146.07	1/4	4,395.18	1/4	4,627.46	1/4		1/4		1/4		1/4		1/4	
1/2	3,620.88	1/2	3,887.38	1/2	4,151.43	1/2	4,400.17	1/2	4,632.70	1/2		1/2		1/2		1/2		1/2	
3/4	3,626.43	3/4	3,892.94	3/4	4,156.80	3/4	4,405.16	3/4	4,637.95	3/4		3/4		3/4		3/4		3/4	
2	3,631.99	2	3,898.49	2	4,162.17	2	4,410.15	2	4,643.19	2		2		2		2		2	
1/4	3,637.54	1/4	3,904.04	1/4	4,167.50	1/4	4,415.12	1/4	4,648.65	1/4		1/4		1/4		1/4		1/4	
1/2	3,643.09	1/2	3,909.59	1/2	4,172.84	1/2	4,420.08	1/2	4,654.10	1/2		1/2		1/2		1/2		1/2	
3/4	3,648.64	3/4	3,915.14	3/4	4,178.18	3/4	4,425.04	3/4	4,659.55	3/4		3/4		3/4		3/4		3/4	
3	3,654.20	3	3,920.70	3	4,183.52	3	4,430.01	3	4,665.01	3		3		3		3		3	
1/4	3,659.75	1/4	3,926.25	1/4	4,188.83	1/4	4,434.94	1/4	4,670.37	1/4		1/4		1/4		1/4		1/4	
1/2	3,665.30	1/2	3,931.80	1/2	4,194.14	1/2	4,439.88	1/2	4,675.73	1/2		1/2		1/2		1/2		1/2	
3/4	3,670.85	3/4	3,937.35	3/4	4,199.45	3/4	4,444.81	3/4	4,681.09	3/4		3/4		3/4		3/4		3/4	
4	3,676.40	4	3,942.90	4	4,204.76	4	4,449.75	4	4,686.45	4		4		4		4		4	
1/4	3,681.96	1/4	3,948.46	1/4	4,210.04	1/4	4,454.65	1/4	4,691.06	1/4		1/4		1/4		1/4		1/4	
1/2	3,687.51	1/2	3,954.01	1/2	4,215.32	1/2	4,459.56	1/2	4,695.67	1/2		1/2		1/2		1/2		1/2	
3/4	3,693.06	3/4	3,959.56	3/4	4,220.60	3/4	4,464.46	3/4	4,700.28	3/4		3/4		3/4		3/4		3/4	
5	3,698.61	5	3,965.11	5	4,225.88	5	4,469.37	5	4,704.89	5		5		5		5		5	
1/4	3,704.16	1/4	3,970.67	1/4	4,231.13	1/4	4,474.25	1/4	4,708.09	1/4		1/4		1/4		1/4		1/4	
1/2	3,709.72	1/2	3,976.22	1/2	4,236.39	1/2	4,479.13	1/2	4,711.29	1/2		1/2		1/2		1/2		1/2	
3/4	3,715.27	3/4	3,981.77	3/4	4,241.64	3/4	4,484.00	3/4	4,714.50	3/4		3/4		3/4		3/4		3/4	
6	3,720.82	6	3,987.32	6	4,246.89	6	4,488.88	6	4,717.70	6		6		6		6		6	
1/4	3,726.37	1/4	3,992.87	1/4	4,252.12	1/4	4,493.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,731.92	1/2	3,998.42	1/2	4,257.34	1/2	4,498.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,737.48	3/4	4,003.97	3/4	4,262.56	3/4	4,503.43	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,743.03	7	4,009.52	7	4,267.79	7	4,508.28	7		7		7		7		7		7	
1/4	3,748.58	1/4	4,015.05	1/4	4,272.98	1/4	4,513.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,754.13	1/2	4,020.59	1/2	4,278.18	1/2	4,517.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,759.69	3/4	4,026.12	3/4	4,283.38	3/4	4,522.74	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,765.24	8	4,031.65	8	4,288.57	8	4,527.56	8		8		8		8		8		8	
1/4	3,770.79	1/4	4,037.16	1/4	4,293.72	1/4	4,532.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,776.34	1/2	4,042.67	1/2	4,298.87	1/2	4,537.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,781.89	3/4	4,048.18	3/4	4,304.02	3/4	4,541.94	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,787.45	9	4,053.69	9	4,309.17	9	4,546.73	9		9		9		9		9		9	
1/4	3,793.00	1/4	4,059.17	1/4	4,314.28	1/4	4,551.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,798.55	1/2	4,064.65	1/2	4,319.39	1/2	4,556.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,804.10	3/4	4,070.13	3/4	4,324.49	3/4	4,560.92	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,809.65	10	4,075.61	10	4,329.60	10	4,565.65	10		10		10		10		10		10	
1/4	3,815.21	1/4	4,081.07	1/4	4,334.68	1/4	4,570.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,820.76	1/2	4,086.52	1/2	4,339.75	1/2	4,574.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,826.31	3/4	4,091.97	3/4	4,344.83	3/4	4,579.66	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,831.86	11	4,097.42	11	4,349.91	11	4,584.33	11		11		11		11		11		11	
1/4	3,837.41	1/4	4,102.85	1/4	4,354.96	1/4	4,588.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,842.97	1/2	4,108.27	1/2	4,360.01	1/2	4,593.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,848.52	3/4	4,113.69	3/4	4,365.05	3/4	4,598.26	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/27/2022 JS
CALCULATED: 04/27/2022 SW
RENAMED: 05/02/2022 CL

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2022



BARGE "CTC 29111"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 309

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	12.92	0	361.64	0	715.83	0	1,059.59	0	1,420.25	0	1,780.37	0	2,136.75	0	2,497.35	0	2,857.70	0	3,218.15
1/4	17.94	1/4	369.16	1/4	722.84	1/4	1,067.10	1/4	1,427.77	1/4	1,787.79	1/4	2,144.25	1/4	2,504.85	1/4	2,865.21	1/4	3,225.66
1/2	22.97	1/2	376.68	1/2	729.85	1/2	1,074.61	1/2	1,435.28	1/2	1,795.21	1/2	2,151.75	1/2	2,512.35	1/2	2,872.72	1/2	3,233.17
3/4	27.99	3/4	384.20	3/4	736.86	3/4	1,082.12	3/4	1,442.80	3/4	1,802.64	3/4	2,159.26	3/4	2,519.86	3/4	2,880.23	3/4	3,240.68
1	33.01	1	391.72	1	743.88	1	1,089.63	1	1,450.31	1	1,810.06	1	2,166.76	1	2,527.36	1	2,887.74	1	3,248.19
1/4	39.92	1/4	399.24	1/4	750.89	1/4	1,097.14	1/4	1,457.82	1/4	1,817.48	1/4	2,174.27	1/4	2,534.87	1/4	2,895.25	1/4	3,255.70
1/2	46.82	1/2	406.76	1/2	757.90	1/2	1,104.65	1/2	1,465.34	1/2	1,824.91	1/2	2,181.77	1/2	2,542.37	1/2	2,902.76	1/2	3,263.21
3/4	53.73	3/4	414.27	3/4	764.92	3/4	1,112.17	3/4	1,472.85	3/4	1,832.33	3/4	2,189.27	3/4	2,549.87	3/4	2,910.27	3/4	3,270.72
2	60.63	2	421.79	2	771.93	2	1,119.68	2	1,480.36	2	1,839.75	2	2,196.78	2	2,557.38	2	2,917.78	2	3,278.23
1/4	68.17	1/4	429.31	1/4	778.95	1/4	1,127.20	1/4	1,487.88	1/4	1,847.17	1/4	2,204.29	1/4	2,564.88	1/4	2,925.29	1/4	3,285.74
1/2	75.70	1/2	436.83	1/2	785.96	1/2	1,134.71	1/2	1,495.39	1/2	1,854.59	1/2	2,211.80	1/2	2,572.39	1/2	2,932.80	1/2	3,293.25
3/4	83.24	3/4	444.35	3/4	792.98	3/4	1,142.23	3/4	1,502.90	3/4	1,862.00	3/4	2,219.31	3/4	2,579.89	3/4	2,940.30	3/4	3,300.76
3	90.77	3	451.86	3	799.99	3	1,149.75	3	1,510.42	3	1,869.42	3	2,226.82	3	2,587.40	3	2,947.81	3	3,308.27
1/4	98.30	1/4	459.38	1/4	807.01	1/4	1,157.26	1/4	1,517.93	1/4	1,876.83	1/4	2,234.34	1/4	2,594.90	1/4	2,955.32	1/4	3,315.77
1/2	105.84	1/2	466.90	1/2	814.02	1/2	1,164.78	1/2	1,525.44	1/2	1,884.24	1/2	2,241.86	1/2	2,602.40	1/2	2,962.83	1/2	3,323.28
3/4	113.37	3/4	474.43	3/4	821.04	3/4	1,172.30	3/4	1,532.96	3/4	1,891.65	3/4	2,249.38	3/4	2,609.91	3/4	2,970.34	3/4	3,330.79
4	120.91	4	481.95	4	828.05	4	1,179.81	4	1,540.47	4	1,899.06	4	2,256.91	4	2,617.41	4	2,977.85	4	3,338.30
1/4	128.43	1/4	489.47	1/4	835.07	1/4	1,187.33	1/4	1,547.99	1/4	1,906.47	1/4	2,264.43	1/4	2,624.92	1/4	2,985.36	1/4	3,345.76
1/2	135.96	1/2	496.99	1/2	842.08	1/2	1,194.84	1/2	1,555.50	1/2	1,913.88	1/2	2,271.95	1/2	2,632.42	1/2	2,992.87	1/2	3,353.21
3/4	143.49	3/4	504.51	3/4	849.10	3/4	1,202.35	3/4	1,563.01	3/4	1,921.29	3/4	2,279.47	3/4	2,639.93	3/4	3,000.38	3/4	3,360.66
5	151.02	5	512.03	5	856.11	5	1,209.87	5	1,570.53	5	1,928.70	5	2,286.99	5	2,647.44	5	3,007.89	5	3,368.12
1/4	158.54	1/4	519.56	1/4	863.12	1/4	1,217.38	1/4	1,578.04	1/4	1,936.11	1/4	2,294.51	1/4	2,654.95	1/4	3,015.40	1/4	3,375.52
1/2	166.06	1/2	527.08	1/2	870.13	1/2	1,224.90	1/2	1,585.55	1/2	1,943.52	1/2	2,302.03	1/2	2,662.46	1/2	3,022.91	1/2	3,382.92
3/4	173.58	3/4	534.60	3/4	877.14	3/4	1,232.41	3/4	1,593.07	3/4	1,950.93	3/4	2,309.55	3/4	2,669.97	3/4	3,030.42	3/4	3,390.31
6	181.11	6	542.12	6	884.15	6	1,239.92	6	1,600.58	6	1,958.34	6	2,317.07	6	2,677.48	6	3,037.93	6	3,397.71
1/4	188.63	1/4	549.65	1/4	891.17	1/4	1,247.44	1/4	1,608.09	1/4	1,965.75	1/4	2,324.59	1/4	2,684.99	1/4	3,045.44	1/4	3,405.11
1/2	196.15	1/2	557.17	1/2	898.19	1/2	1,254.95	1/2	1,615.61	1/2	1,973.16	1/2	2,332.11	1/2	2,692.49	1/2	3,052.95	1/2	3,412.51
3/4	203.67	3/4	564.69	3/4	905.21	3/4	1,262.47	3/4	1,623.12	3/4	1,980.57	3/4	2,339.63	3/4	2,700.00	3/4	3,060.46	3/4	3,419.91
7	211.20	7	572.21	7	912.24	7	1,269.98	7	1,630.64	7	1,987.98	7	2,347.15	7	2,707.51	7	3,067.96	7	3,427.31
1/4	218.72	1/4	579.73	1/4	919.27	1/4	1,277.49	1/4	1,638.15	1/4	1,995.39	1/4	2,354.67	1/4	2,715.02	1/4	3,075.47	1/4	3,434.71
1/2	226.24	1/2	587.26	1/2	926.31	1/2	1,285.01	1/2	1,645.66	1/2	2,002.80	1/2	2,362.19	1/2	2,722.53	1/2	3,082.98	1/2	3,442.12
3/4	233.76	3/4	594.78	3/4	933.35	3/4	1,292.52	3/4	1,653.18	3/4	2,010.21	3/4	2,369.70	3/4	2,730.04	3/4	3,090.49	3/4	3,449.52
8	241.28	8	602.30	8	940.39	8	1,300.04	8	1,660.69	8	2,017.62	8	2,377.22	8	2,737.55	8	3,098.00	8	3,456.93
1/4	248.81	1/4	609.59	1/4	947.67	1/4	1,307.55	1/4	1,668.20	1/4	2,025.03	1/4	2,384.74	1/4	2,745.06	1/4	3,105.51	1/4	3,464.34
1/2	256.33	1/2	616.88	1/2	954.94	1/2	1,315.06	1/2	1,675.72	1/2	2,032.44	1/2	2,392.25	1/2	2,752.57	1/2	3,113.02	1/2	3,471.75
3/4	263.85	3/4	624.16	3/4	962.22	3/4	1,322.58	3/4	1,683.23	3/4	2,039.85	3/4	2,399.77	3/4	2,760.08	3/4	3,120.53	3/4	3,479.16
9	271.37	9	631.45	9	969.49	9	1,330.09	9	1,690.74	9	2,047.26	9	2,407.28	9	2,767.59	9	3,128.04	9	3,486.57
1/4	278.89	1/4	638.50	1/4	977.00	1/4	1,337.60	1/4	1,698.26	1/4	2,054.67	1/4	2,414.79	1/4	2,775.10	1/4	3,135.55	1/4	3,493.98
1/2	286.42	1/2	645.55	1/2	984.51	1/2	1,345.12	1/2	1,705.77	1/2	2,062.08	1/2	2,422.30	1/2	2,782.61	1/2	3,143.06	1/2	3,501.39
3/4	293.94	3/4	652.60	3/4	992.02	3/4	1,352.63	3/4	1,713.28	3/4	2,069.49	3/4	2,429.81	3/4	2,790.12	3/4	3,150.57	3/4	3,508.80
10	301.46	10	659.65	10	999.53	10	1,360.15	10	1,720.80	10	2,076.90	10	2,437.31	10	2,797.63	10	3,158.08	10	3,516.21
1/4	308.98	1/4	666.68	1/4	1,007.03	1/4	1,367.66	1/4	1,728.27	1/4	2,084.36	1/4	2,444.82	1/4	2,805.14	1/4	3,165.59	1/4	3,523.68
1/2	316.51	1/2	673.71	1/2	1,014.54	1/2	1,375.17	1/2	1,735.74	1/2	2,091.82	1/2	2,452.32	1/2	2,812.65	1/2	3,173.10	1/2	3,531.14
3/4	324.03	3/4	680.74	3/4	1,022.05	3/4	1,382.69	3/4	1,743.20	3/4	2,099.27	3/4	2,459.83	3/4	2,820.15	3/4	3,180.61	3/4	3,538.61
11	331.55	11	687.77	11	1,029.56	11	1,390.20	11	1,750.67	11	2,106.73	11	2,467.33	11	2,827.66	11	3,188.11	11	3,546.07
1/4	339.07	1/4	694.79	1/4	1,037.07	1/4	1,397.71	1/4	1,758.10	1/4	2,114.23	1/4	2,474.83	1/4	2,835.17	1/4	3,195.62	1/4	3,553.11
1/2	346.59	1/2	701.80	1/2	1,044.58	1/2	1,405.23	1/2	1,765.52	1/2	2,121.74	1/2	2,482.34	1/2	2,842.68	1/2	3,203.13	1/2	3,560.15
3/4	354.12	3/4	708.81	3/4	1,052.09	3/4	1,412.74	3/4	1,772.94	3/4	2,129.24	3/4	2,489.84	3/4	2,850.19	3/4	3,210.64	3/4	3,567.18

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 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 29111"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 309

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	3,574.22	0	3,843.98	0	4,110.33	0	4,362.61	0	4,596.69	0		0		0		0		0	
1/4	3,580.29	1/4	3,849.56	1/4	4,115.75	1/4	4,367.66	1/4	4,601.55	1/4		1/4		1/4		1/4		1/4	
1/2	3,586.36	1/2	3,855.14	1/2	4,121.17	1/2	4,372.70	1/2	4,606.41	1/2		1/2		1/2		1/2		1/2	
3/4	3,592.42	3/4	3,860.72	3/4	4,126.60	3/4	4,377.75	3/4	4,611.26	3/4		3/4		3/4		3/4		3/4	
1	3,598.49	1	3,866.30	1	4,132.02	1	4,382.80	1	4,616.12	1		1		1		1		1	
1/4	3,604.07	1/4	3,871.88	1/4	4,137.41	1/4	4,387.82	1/4	4,621.39	1/4		1/4		1/4		1/4		1/4	
1/2	3,609.65	1/2	3,877.46	1/2	4,142.80	1/2	4,392.84	1/2	4,626.66	1/2		1/2		1/2		1/2		1/2	
3/4	3,615.23	3/4	3,883.03	3/4	4,148.20	3/4	4,397.86	3/4	4,631.93	3/4		3/4		3/4		3/4		3/4	
2	3,620.81	2	3,888.61	2	4,153.59	2	4,402.87	2	4,637.20	2		2		2		2		2	
1/4	3,626.39	1/4	3,894.19	1/4	4,158.96	1/4	4,407.87	1/4	4,642.69	1/4		1/4		1/4		1/4		1/4	
1/2	3,631.97	1/2	3,899.77	1/2	4,164.32	1/2	4,412.86	1/2	4,648.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,637.55	3/4	3,905.35	3/4	4,169.69	3/4	4,417.85	3/4	4,653.65	3/4		3/4		3/4		3/4		3/4	
3	3,643.12	3	3,910.93	3	4,175.05	3	4,422.84	3	4,659.13	3		3		3		3		3	
1/4	3,648.70	1/4	3,916.51	1/4	4,180.39	1/4	4,427.80	1/4	4,664.52	1/4		1/4		1/4		1/4		1/4	
1/2	3,654.28	1/2	3,922.09	1/2	4,185.73	1/2	4,432.76	1/2	4,669.90	1/2		1/2		1/2		1/2		1/2	
3/4	3,659.86	3/4	3,927.67	3/4	4,191.06	3/4	4,437.72	3/4	4,675.29	3/4		3/4		3/4		3/4		3/4	
4	3,665.44	4	3,933.25	4	4,196.40	4	4,442.68	4	4,680.68	4		4		4		4		4	
1/4	3,671.02	1/4	3,938.83	1/4	4,201.71	1/4	4,447.62	1/4	4,685.31	1/4		1/4		1/4		1/4		1/4	
1/2	3,676.60	1/2	3,944.41	1/2	4,207.02	1/2	4,452.55	1/2	4,689.95	1/2		1/2		1/2		1/2		1/2	
3/4	3,682.18	3/4	3,949.99	3/4	4,212.32	3/4	4,457.48	3/4	4,694.58	3/4		3/4		3/4		3/4		3/4	
5	3,687.76	5	3,955.57	5	4,217.63	5	4,462.42	5	4,699.21	5		5		5		5		5	
1/4	3,693.34	1/4	3,961.15	1/4	4,222.91	1/4	4,467.32	1/4	4,702.43	1/4		1/4		1/4		1/4		1/4	
1/2	3,698.92	1/2	3,966.72	1/2	4,228.19	1/2	4,472.22	1/2	4,705.66	1/2		1/2		1/2		1/2		1/2	
3/4	3,704.50	3/4	3,972.30	3/4	4,233.47	3/4	4,477.13	3/4	4,708.88	3/4		3/4		3/4		3/4		3/4	
6	3,710.08	6	3,977.88	6	4,238.75	6	4,482.03	6	4,712.10	6		6		6		6		6	
1/4	3,715.66	1/4	3,983.46	1/4	4,244.00	1/4	4,486.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,721.24	1/2	3,989.03	1/2	4,249.25	1/2	4,491.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,726.81	3/4	3,994.61	3/4	4,254.50	3/4	4,496.66	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,732.39	7	4,000.18	7	4,259.76	7	4,501.54	7		7		7		7		7		7	
1/4	3,737.97	1/4	4,005.75	1/4	4,264.98	1/4	4,506.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,743.55	1/2	4,011.31	1/2	4,270.20	1/2	4,511.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,749.13	3/4	4,016.87	3/4	4,275.42	3/4	4,516.08	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,754.71	8	4,022.43	8	4,280.65	8	4,520.93	8		8		8		8		8		8	
1/4	3,760.29	1/4	4,027.97	1/4	4,285.82	1/4	4,525.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,765.87	1/2	4,033.50	1/2	4,291.00	1/2	4,530.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,771.45	3/4	4,039.04	3/4	4,296.18	3/4	4,535.39	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,777.03	9	4,044.58	9	4,301.36	9	4,540.20	9		9		9		9		9		9	
1/4	3,782.61	1/4	4,050.08	1/4	4,306.49	1/4	4,544.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,788.19	1/2	4,055.59	1/2	4,311.62	1/2	4,549.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,793.77	3/4	4,061.10	3/4	4,316.76	3/4	4,554.48	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,799.35	10	4,066.61	10	4,321.89	10	4,559.24	10		10		10		10		10		10	
1/4	3,804.92	1/4	4,072.09	1/4	4,326.99	1/4	4,563.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,810.50	1/2	4,077.57	1/2	4,332.10	1/2	4,568.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,816.08	3/4	4,083.05	3/4	4,337.20	3/4	4,573.33	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,821.66	11	4,088.52	11	4,342.31	11	4,578.02	11		11		11		11		11		11	
1/4	3,827.24	1/4	4,093.98	1/4	4,347.38	1/4	4,582.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,832.82	1/2	4,099.43	1/2	4,352.46	1/2	4,587.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,838.40	3/4	4,104.88	3/4	4,357.53	3/4	4,592.03	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/27/2022 JS
CALCULATED: 04/27/2022 SW
RENAMED: 05/02/2022 CL

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2022



BARGE "CTC 29111"

ULLAGE TRIM TABLE
FORMERLY: BKF 309

	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"

May 2, 2022

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

<http://www.pmacorp.net>



BARGE "CTC 29111"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 309

GAUGE HEIGHT 15'-06 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4		1/4	4,583.31	1/4	4,285.48	1/4	3,977.49	1/4	3,652.98	1/4	3,322.12	1/4	2,991.26	1/4	2,660.39	1/4	2,329.52	1/4	1,998.65
1/2		1/2	4,578.53	1/2	4,279.21	1/2	3,970.87	1/2	3,646.09	1/2	3,315.23	1/2	2,984.37	1/2	2,653.49	1/2	2,322.63	1/2	1,991.75
3/4		3/4	4,573.74	3/4	4,272.95	3/4	3,964.25	3/4	3,639.19	3/4	3,308.33	3/4	2,977.48	3/4	2,646.60	3/4	2,315.74	3/4	1,984.86
1	1	1	4,568.96	1	4,266.68	1	3,957.63	1	3,632.30	1	3,301.44	1	2,970.58	1	2,639.71	1	2,308.84	1	1,977.96
1/4		1/4	4,564.17	1/4	4,260.42	1/4	3,951.01	1/4	3,625.41	1/4	3,294.55	1/4	2,963.69	1/4	2,632.82	1/4	2,301.95	1/4	1,971.06
1/2		1/2	4,558.10	1/2	4,254.13	1/2	3,944.37	1/2	3,618.52	1/2	3,287.66	1/2	2,956.79	1/2	2,625.92	1/2	2,295.06	1/2	1,964.17
3/4		3/4	4,552.02	3/4	4,247.84	3/4	3,937.73	3/4	3,611.62	3/4	3,280.76	3/4	2,949.90	3/4	2,619.03	3/4	2,288.17	3/4	1,957.27
2	2	2	4,545.94	2	4,241.55	2	3,931.08	2	3,604.73	2	3,273.87	2	2,943.00	2	2,612.14	2	2,281.27	2	1,950.38
1/4		1/4	4,539.86	1/4	4,235.26	1/4	3,924.44	1/4	3,597.84	1/4	3,266.98	1/4	2,936.11	1/4	2,605.24	1/4	2,274.38	1/4	1,943.48
1/2		1/2	4,533.10	1/2	4,228.94	1/2	3,917.77	1/2	3,590.94	1/2	3,260.08	1/2	2,929.21	1/2	2,598.35	1/2	2,267.49	1/2	1,936.59
3/4		3/4	4,526.33	3/4	4,222.63	3/4	3,911.10	3/4	3,584.05	3/4	3,253.19	3/4	2,922.32	3/4	2,591.46	3/4	2,260.59	3/4	1,929.69
3	3	3	4,519.56	3	4,216.31	3	3,904.43	3	3,577.16	3	3,246.30	3	2,915.43	3	2,584.56	3	2,253.70	3	1,922.79
1/4		1/4	4,512.80	1/4	4,209.99	1/4	3,897.75	1/4	3,570.26	1/4	3,239.41	1/4	2,908.54	1/4	2,577.67	1/4	2,246.81	1/4	1,915.90
1/2		1/2	4,505.94	1/2	4,203.65	1/2	3,891.06	1/2	3,563.37	1/2	3,232.51	1/2	2,901.64	1/2	2,570.78	1/2	2,239.91	1/2	1,909.00
3/4		3/4	4,499.09	3/4	4,197.31	3/4	3,884.36	3/4	3,556.48	3/4	3,225.62	3/4	2,894.75	3/4	2,563.89	3/4	2,233.02	3/4	1,902.11
4	4	4	4,492.24	4	4,190.96	4	3,877.67	4	3,549.59	4	3,218.73	4	2,887.86	4	2,556.99	4	2,226.13	4	1,895.21
1/4		1/4	4,485.38	1/4	4,184.62	1/4	3,870.97	1/4	3,542.69	1/4	3,211.83	1/4	2,880.96	1/4	2,550.10	1/4	2,219.24	1/4	1,888.32
1/2		1/2	4,478.72	1/2	4,178.25	1/2	3,864.25	1/2	3,535.80	1/2	3,204.94	1/2	2,874.07	1/2	2,543.21	1/2	2,212.34	1/2	1,881.42
3/4		3/4	4,472.06	3/4	4,171.88	3/4	3,857.52	3/4	3,528.91	3/4	3,198.05	3/4	2,867.18	3/4	2,536.31	3/4	2,205.45	3/4	1,874.52
5	5	5	4,465.40	5	4,165.51	5	3,850.80	5	3,522.01	5	3,191.16	5	2,860.28	5	2,529.42	5	2,198.56	5	1,867.63
1/4		1/4	4,458.74	1/4	4,159.15	1/4	3,844.08	1/4	3,515.12	1/4	3,184.26	1/4	2,853.39	1/4	2,522.53	1/4	2,191.66	1/4	1,860.73
1/2		1/2	4,452.46	1/2	4,152.75	1/2	3,837.33	1/2	3,508.23	1/2	3,177.37	1/2	2,846.50	1/2	2,515.63	1/2	2,184.77	1/2	1,853.84
3/4		3/4	4,446.18	3/4	4,146.36	3/4	3,830.58	3/4	3,501.34	3/4	3,170.48	3/4	2,839.61	3/4	2,508.74	3/4	2,177.88	3/4	1,846.94
6	6	6	4,439.90	6	4,139.96	6	3,823.83	6	3,494.44	6	3,163.58	6	2,832.71	6	2,501.85	6	2,170.98	6	1,840.05
1/4		1/4	4,433.62	1/4	4,133.56	1/4	3,817.08	1/4	3,487.55	1/4	3,156.69	1/4	2,825.82	1/4	2,494.96	1/4	2,164.09	1/4	1,833.15
1/2		1/2	4,427.51	1/2	4,127.14	1/2	3,810.31	1/2	3,480.66	1/2	3,149.80	1/2	2,818.93	1/2	2,488.06	1/2	2,157.20	1/2	1,826.25
3/4		3/4	4,421.40	3/4	4,120.72	3/4	3,803.53	3/4	3,473.76	3/4	3,142.91	3/4	2,812.03	3/4	2,481.17	3/4	2,150.31	3/4	1,819.36
7	7	7	4,415.30	7	4,114.30	7	3,796.76	7	3,466.87	7	3,136.01	7	2,805.14	7	2,474.28	7	2,143.41	7	1,812.46
1/4		1/4	4,409.19	1/4	4,107.88	1/4	3,789.98	1/4	3,459.98	1/4	3,129.12	1/4	2,798.25	1/4	2,467.38	1/4	2,136.52	1/4	1,805.57
1/2		1/2	4,403.06	1/2	4,101.43	1/2	3,783.18	1/2	3,453.09	1/2	3,122.23	1/2	2,791.35	1/2	2,460.49	1/2	2,129.63	1/2	1,798.67
3/4		3/4	4,396.92	3/4	4,094.99	3/4	3,776.38	3/4	3,446.19	3/4	3,115.33	3/4	2,784.46	3/4	2,453.60	3/4	2,122.73	3/4	1,791.78
8	8	8	4,390.79	8	4,088.54	8	3,769.58	8	3,439.30	8	3,108.44	8	2,777.57	8	2,446.70	8	2,115.84	8	1,784.88
1/4		1/4	4,384.66	1/4	4,082.09	1/4	3,762.78	1/4	3,432.41	1/4	3,101.55	1/4	2,770.68	1/4	2,439.81	1/4	2,108.95	1/4	1,777.98
1/2		1/2	4,378.50	1/2	4,075.62	1/2	3,755.95	1/2	3,425.51	1/2	3,094.65	1/2	2,763.78	1/2	2,432.92	1/2	2,102.05	1/2	1,771.09
3/4		3/4	4,372.34	3/4	4,069.14	3/4	3,749.12	3/4	3,418.62	3/4	3,087.76	3/4	2,756.89	3/4	2,426.03	3/4	2,095.16	3/4	1,764.19
9	9	9	4,366.18	9	4,062.67	9	3,742.29	9	3,411.73	9	3,080.87	9	2,750.00	9	2,419.13	9	2,088.27	9	1,757.30
1/4		1/4	4,360.02	1/4	4,056.20	1/4	3,735.46	1/4	3,404.84	1/4	3,073.98	1/4	2,743.10	1/4	2,412.24	1/4	2,081.38	1/4	1,750.40
1/2		1/2	4,353.83	1/2	4,049.68	1/2	3,728.61	1/2	3,397.94	1/2	3,067.08	1/2	2,736.21	1/2	2,405.35	1/2	2,074.48	1/2	1,743.51
3/4		3/4	4,347.65	3/4	4,043.16	3/4	3,721.76	3/4	3,391.05	3/4	3,060.19	3/4	2,729.32	3/4	2,398.45	3/4	2,067.59	3/4	1,736.61
10	10	10	4,341.46	10	4,036.64	10	3,714.90	10	3,384.16	10	3,053.30	10	2,722.42	10	2,391.56	10	2,060.70	10	1,729.71
1/4		1/4	4,335.28	1/4	4,030.12	1/4	3,708.05	1/4	3,377.26	1/4	3,046.40	1/4	2,715.53	1/4	2,384.67	1/4	2,053.80	1/4	1,722.82
1/2		1/2	4,329.06	1/2	4,023.55	1/2	3,701.17	1/2	3,370.37	1/2	3,039.51	1/2	2,708.64	1/2	2,377.77	1/2	2,046.91	1/2	1,715.92
3/4		3/4	4,322.85	3/4	4,016.99	3/4	3,694.30	3/4	3,363.48	3/4	3,032.62	3/4	2,701.75	3/4	2,370.88	3/4	2,040.02	3/4	1,709.03
11	11	11	4,316.64	11	4,010.42	11	3,687.42	11	3,356.58	11	3,025.73	11	2,694.85	11	2,363.99	11	2,033.12	11	1,702.13
1/4		1/4	4,310.43	1/4	4,003.85	1/4	3,680.54	1/4	3,349.69	1/4	3,018.83	1/4	2,687.96	1/4	2,357.10	1/4	2,026.23	1/4	1,695.24
1/2		1/2	4,304.19	1/2	3,997.26	1/2	3,673.65	1/2	3,342.80	1/2	3,011.94	1/2	2,681.07	1/2	2,350.20	1/2	2,019.33	1/2	1,688.34
3/4		3/4	4,297.95	3/4	3,990.67	3/4	3,666.76	3/4	3,335.91	3/4	3,005.05	3/4	2,674.17	3/4	2,343.31	3/4	2,012.44	3/4	1,681.44

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 29111"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 309

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	1,674.55	0	1,343.56	0	1,012.86	0	696.56	0	403.58	0	132.60	0		0		0		0	
1/4	1,667.65	1/4	1,336.66	1/4	1,006.02	1/4	690.21	1/4	397.69	1/4	127.18	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,660.76	1/2	1,329.76	1/2	999.22	1/2	683.90	1/2	391.84	1/2	121.80	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,653.86	3/4	1,322.87	3/4	992.43	3/4	677.60	3/4	385.98	3/4	116.42	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,646.97	1	1,315.97	1	985.63	1	671.30	1	380.13	1	111.04	1	1	1	1	1	1	1	1
1/4	1,640.07	1/4	1,309.08	1/4	978.83	1/4	664.99	1/4	374.28	1/4	105.66	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,633.17	1/2	1,302.18	1/2	972.07	1/2	658.73	1/2	368.46	1/2	100.32	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,626.28	3/4	1,295.29	3/4	965.32	3/4	652.47	3/4	362.65	3/4	94.97	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,619.38	2	1,288.39	2	958.56	2	646.20	2	356.84	2	89.63	2	2	2	2	2	2	2	2
1/4	1,612.49	1/4	1,281.49	1/4	951.80	1/4	639.94	1/4	351.02	1/4	84.29	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,605.59	1/2	1,274.60	1/2	945.08	1/2	633.71	1/2	345.25	1/2	78.99	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,598.70	3/4	1,267.70	3/4	938.36	3/4	627.49	3/4	339.48	3/4	73.69	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,591.80	3	1,260.81	3	931.64	3	621.26	3	333.70	3	68.39	3	3	3	3	3	3	3	3
1/4	1,584.90	1/4	1,253.91	1/4	924.93	1/4	615.04	1/4	327.93	1/4	63.08	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,578.01	1/2	1,247.02	1/2	918.25	1/2	608.85	1/2	322.20	1/2	57.82	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,571.11	3/4	1,240.12	3/4	911.57	3/4	602.67	3/4	316.47	3/4	52.56	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,564.22	4	1,233.22	4	904.89	4	596.48	4	310.74	4	47.29	4	4	4	4	4	4	4	4
1/4	1,557.32	1/4	1,226.33	1/4	898.21	1/4	590.30	1/4	305.01	1/4	42.03	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,550.43	1/2	1,219.43	1/2	891.57	1/2	584.15	1/2	299.32	1/2	37.38	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,543.53	3/4	1,212.54	3/4	884.93	3/4	578.01	3/4	293.63	3/4	32.73	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,536.63	5	1,205.64	5	878.29	5	571.86	5	287.94	5	28.09	5	5	5	5	5	5	5	5
1/4	1,529.74	1/4	1,198.75	1/4	871.65	1/4	565.72	1/4	282.25	1/4	23.44	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,522.84	1/2	1,191.85	1/2	865.05	1/2	559.62	1/2	276.59	1/2	20.11	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,515.95	3/4	1,184.95	3/4	858.45	3/4	553.51	3/4	270.94	3/4	16.79	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,509.05	6	1,178.06	6	851.85	6	547.41	6	265.28	6	13.47	6	6	6	6	6	6	6	6
1/4	1,502.16	1/4	1,171.16	1/4	845.25	1/4	541.30	1/4	259.63	1/4	10.15	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,495.26	1/2	1,164.27	1/2	838.68	1/2	535.24	1/2	254.01	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,488.37	3/4	1,157.37	3/4	832.12	3/4	529.17	3/4	248.39	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,481.47	7	1,150.48	7	825.56	7	523.11	7	242.78	7	7	7	7	7	7	7	7	7	7
1/4	1,474.57	1/4	1,143.58	1/4	819.00	1/4	517.04	1/4	237.16	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,467.68	1/2	1,136.68	1/2	812.48	1/2	511.00	1/2	231.58	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,460.78	3/4	1,129.79	3/4	805.96	3/4	504.97	3/4	226.00	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
8	1,453.89	8	1,122.89	8	799.44	8	498.93	8	220.43	8	8	8	8	8	8	8	8	8	8
1/4	1,446.99	1/4	1,116.00	1/4	792.91	1/4	492.90	1/4	214.85	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,440.10	1/2	1,109.10	1/2	786.43	1/2	486.89	1/2	209.31	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,433.20	3/4	1,102.21	3/4	779.95	3/4	480.88	3/4	203.77	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
9	1,426.30	9	1,095.31	9	773.47	9	474.88	9	198.23	9	9	9	9	9	9	9	9	9	9
1/4	1,419.41	1/4	1,088.41	1/4	766.98	1/4	468.87	1/4	192.70	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,412.51	1/2	1,081.52	1/2	760.54	1/2	462.90	1/2	187.20	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,405.62	3/4	1,074.63	3/4	754.10	3/4	456.93	3/4	181.70	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
10	1,398.72	10	1,067.74	10	747.65	10	450.96	10	176.20	10	10	10	10	10	10	10	10	10	10
1/4	1,391.83	1/4	1,060.85	1/4	741.21	1/4	444.99	1/4	170.70	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,384.93	1/2	1,053.98	1/2	734.81	1/2	439.05	1/2	165.24	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,378.03	3/4	1,047.11	3/4	728.41	3/4	433.12	3/4	159.78	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
11	1,371.14	11	1,040.24	11	722.01	11	427.19	11	154.32	11	11	11	11	11	11	11	11	11	11
1/4	1,364.24	1/4	1,033.37	1/4	715.61	1/4	421.26	1/4	148.86	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,357.35	1/2	1,026.53	1/2	709.26	1/2	415.37	1/2	143.44	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,350.45	3/4	1,019.69	3/4	702.91	3/4	409.47	3/4	138.02	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/27/2022 JS
CALCULATED: 04/27/2022 SW
RENAMED: 05/02/2022 CL

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2022



BARGE "CTC 29111"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 309

GAUGE HEIGHT 15'-06 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	4,286.14	0	3,979.63	0	3,656.53	0	3,326.50	0	2,996.46	0	2,666.41	0	2,336.37	0	2,006.31
1/4	1/4	1/4	4,279.91	1/4	3,973.06	1/4	3,649.66	1/4	3,319.62	1/4	2,989.58	1/4	2,659.53	1/4	2,329.49	1/4	1,999.43		
1/2	1/2	1/2	4,570.77	1/2	4,273.69	1/2	3,966.48	1/2	3,642.79	1/2	3,312.75	1/2	2,982.71	1/2	2,652.66	1/2	2,322.61	1/2	1,992.55
3/4	3/4	3/4	4,566.00	3/4	4,267.44	3/4	3,959.88	3/4	3,635.91	3/4	3,305.87	3/4	2,975.83	3/4	2,645.78	3/4	2,315.74	3/4	1,985.67
1	1	1	4,561.22	1	4,261.19	1	3,953.28	1	3,629.03	1	3,299.00	1	2,968.96	1	2,638.91	1	2,308.86	1	1,978.79
1/4	1/4	1/4	4,556.45	1/4	4,254.95	1/4	3,946.68	1/4	3,622.16	1/4	3,292.12	1/4	2,962.08	1/4	2,632.03	1/4	2,301.99	1/4	1,971.91
1/2	1/2	1/2	4,551.68	1/2	4,248.70	1/2	3,940.07	1/2	3,615.28	1/2	3,285.24	1/2	2,955.21	1/2	2,625.15	1/2	2,295.11	1/2	1,965.04
3/4	3/4	3/4	4,545.62	3/4	4,242.42	3/4	3,933.45	3/4	3,608.41	3/4	3,278.37	3/4	2,948.33	3/4	2,618.28	3/4	2,288.24	3/4	1,958.16
2	2	2	4,539.56	2	4,236.15	2	3,926.82	2	3,601.53	2	3,271.49	2	2,941.45	2	2,611.40	2	2,281.36	2	1,951.28
1/4	1/4	1/4	4,533.49	1/4	4,229.87	1/4	3,920.19	1/4	3,594.65	1/4	3,264.62	1/4	2,934.57	1/4	2,604.53	1/4	2,274.48	1/4	1,944.40
1/2	1/2	1/2	4,527.43	1/2	4,223.60	1/2	3,913.56	1/2	3,587.78	1/2	3,257.74	1/2	2,927.69	1/2	2,597.65	1/2	2,267.61	1/2	1,937.52
3/4	3/4	3/4	4,520.68	3/4	4,217.30	3/4	3,906.91	3/4	3,580.90	3/4	3,250.86	3/4	2,920.82	3/4	2,590.77	3/4	2,260.73	3/4	1,930.64
3	3	3	4,513.93	3	4,211.00	3	3,900.26	3	3,574.03	3	3,243.99	3	2,913.94	3	2,583.90	3	2,253.86	3	1,923.77
1/4	1/4	1/4	4,507.18	1/4	4,204.70	1/4	3,893.60	1/4	3,567.15	1/4	3,237.11	1/4	2,907.07	1/4	2,577.02	1/4	2,246.98	1/4	1,916.89
1/2	1/2	1/2	4,500.43	1/2	4,198.40	1/2	3,886.95	1/2	3,560.28	1/2	3,230.24	1/2	2,900.19	1/2	2,570.15	1/2	2,240.10	1/2	1,910.01
3/4	3/4	3/4	4,493.59	3/4	4,192.07	3/4	3,880.27	3/4	3,553.40	3/4	3,223.36	3/4	2,893.31	3/4	2,563.27	3/4	2,233.23	3/4	1,903.13
4	4	4	4,486.76	4	4,185.74	4	3,873.59	4	3,546.52	4	3,216.49	4	2,886.44	4	2,556.40	4	2,226.35	4	1,896.25
1/4	1/4	1/4	4,479.92	1/4	4,179.42	1/4	3,866.91	1/4	3,539.65	1/4	3,209.61	1/4	2,879.56	1/4	2,549.52	1/4	2,219.48	1/4	1,889.37
1/2	1/2	1/2	4,473.09	1/2	4,173.09	1/2	3,860.23	1/2	3,532.77	1/2	3,202.73	1/2	2,872.69	1/2	2,542.64	1/2	2,212.60	1/2	1,882.49
3/4	3/4	3/4	4,466.44	3/4	4,166.74	3/4	3,853.52	3/4	3,525.90	3/4	3,195.86	3/4	2,865.81	3/4	2,535.77	3/4	2,205.72	3/4	1,875.62
5	5	5	4,459.80	5	4,160.39	5	3,846.82	5	3,519.02	5	3,188.98	5	2,858.94	5	2,528.89	5	2,198.85	5	1,868.74
1/4	1/4	1/4	4,453.16	1/4	4,154.03	1/4	3,840.11	1/4	3,512.15	1/4	3,182.11	1/4	2,852.06	1/4	2,522.02	1/4	2,191.97	1/4	1,861.86
1/2	1/2	1/2	4,446.51	1/2	4,147.68	1/2	3,833.40	1/2	3,505.27	1/2	3,175.23	1/2	2,845.18	1/2	2,515.14	1/2	2,185.10	1/2	1,854.98
3/4	3/4	3/4	4,440.25	3/4	4,141.30	3/4	3,826.67	3/4	3,498.39	3/4	3,168.36	3/4	2,838.31	3/4	2,508.26	3/4	2,178.22	3/4	1,848.10
6	6	6	4,433.98	6	4,134.92	6	3,819.94	6	3,491.52	6	3,161.48	6	2,831.43	6	2,501.39	6	2,171.35	6	1,841.22
1/4	1/4	1/4	4,427.72	1/4	4,128.54	1/4	3,813.21	1/4	3,484.64	1/4	3,154.60	1/4	2,824.56	1/4	2,494.51	1/4	2,164.47	1/4	1,834.34
1/2	1/2	1/2	4,421.45	1/2	4,122.16	1/2	3,806.48	1/2	3,477.77	1/2	3,147.73	1/2	2,817.68	1/2	2,487.64	1/2	2,157.59	1/2	1,827.47
3/4	3/4	3/4	4,415.36	3/4	4,115.76	3/4	3,799.72	3/4	3,470.89	3/4	3,140.85	3/4	2,810.80	3/4	2,480.76	3/4	2,150.72	3/4	1,820.59
7	7	7	4,409.27	7	4,109.35	7	3,792.96	7	3,464.01	7	3,133.98	7	2,803.93	7	2,473.88	7	2,143.84	7	1,813.71
1/4	1/4	1/4	4,403.18	1/4	4,102.95	1/4	3,786.20	1/4	3,457.14	1/4	3,127.10	1/4	2,797.05	1/4	2,467.01	1/4	2,136.97	1/4	1,806.83
1/2	1/2	1/2	4,397.09	1/2	4,096.54	1/2	3,779.44	1/2	3,450.26	1/2	3,120.22	1/2	2,790.18	1/2	2,460.13	1/2	2,130.09	1/2	1,799.95
3/4	3/4	3/4	4,390.97	3/4	4,090.11	3/4	3,772.66	3/4	3,443.39	3/4	3,113.35	3/4	2,783.30	3/4	2,453.26	3/4	2,123.21	3/4	1,793.07
8	8	8	4,384.85	8	4,083.68	8	3,765.87	8	3,436.51	8	3,106.47	8	2,776.42	8	2,446.38	8	2,116.34	8	1,786.20
1/4	1/4	1/4	4,378.74	1/4	4,077.25	1/4	3,759.09	1/4	3,429.64	1/4	3,099.60	1/4	2,769.55	1/4	2,439.51	1/4	2,109.46	1/4	1,779.32
1/2	1/2	1/2	4,372.62	1/2	4,070.82	1/2	3,752.31	1/2	3,422.76	1/2	3,092.72	1/2	2,762.67	1/2	2,432.63	1/2	2,102.59	1/2	1,772.44
3/4	3/4	3/4	4,366.47	3/4	4,064.36	3/4	3,745.50	3/4	3,415.88	3/4	3,085.85	3/4	2,755.80	3/4	2,425.75	3/4	2,095.71	3/4	1,765.56
9	9	9	4,360.33	9	4,057.91	9	3,738.68	9	3,409.01	9	3,078.97	9	2,748.92	9	2,418.88	9	2,088.83	9	1,758.68
1/4	1/4	1/4	4,354.19	1/4	4,051.45	1/4	3,731.87	1/4	3,402.13	1/4	3,072.09	1/4	2,742.04	1/4	2,412.00	1/4	2,081.96	1/4	1,751.80
1/2	1/2	1/2	4,348.04	1/2	4,044.99	1/2	3,725.06	1/2	3,395.26	1/2	3,065.22	1/2	2,735.17	1/2	2,405.13	1/2	2,075.08	1/2	1,744.92
3/4	3/4	3/4	4,341.87	3/4	4,038.49	3/4	3,718.23	3/4	3,388.38	3/4	3,058.34	3/4	2,728.29	3/4	2,398.25	3/4	2,068.21	3/4	1,738.05
10	10	10	4,335.70	10	4,031.98	10	3,711.39	10	3,381.50	10	3,051.47	10	2,721.42	10	2,391.37	10	2,061.33	10	1,731.17
1/4	1/4	1/4	4,329.53	1/4	4,025.48	1/4	3,704.55	1/4	3,374.63	1/4	3,044.59	1/4	2,714.54	1/4	2,384.50	1/4	2,054.46	1/4	1,724.29
1/2	1/2	1/2	4,323.36	1/2	4,018.98	1/2	3,697.72	1/2	3,367.75	1/2	3,037.71	1/2	2,707.67	1/2	2,377.62	1/2	2,047.58	1/2	1,717.41
3/4	3/4	3/4	4,317.17	3/4	4,012.43	3/4	3,690.86	3/4	3,360.88	3/4	3,030.84	3/4	2,700.79	3/4	2,370.75	3/4	2,040.70	3/4	1,710.53
11	11	11	4,310.97	11	4,005.88	11	3,684.00	11	3,354.00	11	3,023.96	11	2,693.91	11	2,363.87	11	2,033.82	11	1,703.65
1/4	1/4	1/4	4,304.78	1/4	3,999.33	1/4	3,677.14	1/4	3,347.13	1/4	3,017.09	1/4	2,687.04	1/4	2,356.99	1/4	2,026.94	1/4	1,696.77
1/2	1/2	1/2	4,298.58	1/2	3,992.78	1/2	3,670.28	1/2	3,340.25	1/2	3,010.21	1/2	2,680.16	1/2	2,350.12	1/2	2,020.06	1/2	1,689.90
3/4	3/4	3/4	4,292.36	3/4	3,986.21	3/4	3,663.41	3/4	3,333.37	3/4	3,003.34	3/4	2,673.29	3/4	2,343.24	3/4	2,013.19	3/4	1,683.02

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 29111"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 309

GAUGE HEIGHT 15'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,676.14	0	1,345.97	0	1,016.06	0	701.05	0	408.39	0	137.65	0		0		0		0	
1/4	1,669.26	1/4	1,339.09	1/4	1,009.25	1/4	694.72	1/4	402.51	1/4	132.24	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,662.38	1/2	1,332.21	1/2	1,002.44	1/2	688.40	1/2	396.64	1/2	126.84	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,655.50	3/4	1,325.34	3/4	995.68	3/4	682.11	3/4	390.80	3/4	121.47	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,648.63	1	1,318.46	1	988.92	1	675.83	1	384.96	1	116.11	1	1	1	1	1	1	1	1
1/4	1,641.75	1/4	1,311.58	1/4	982.16	1/4	669.54	1/4	379.12	1/4	110.74	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,634.87	1/2	1,304.70	1/2	975.41	1/2	663.25	1/2	373.28	1/2	105.37	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,627.99	3/4	1,297.82	3/4	968.69	3/4	657.00	3/4	367.49	3/4	100.05	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,621.11	2	1,290.94	2	961.97	2	650.76	2	361.69	2	94.72	2	2	2	2	2	2	2	2
1/4	1,614.23	1/4	1,284.06	1/4	955.25	1/4	644.51	1/4	355.89	1/4	89.39	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,607.35	1/2	1,277.19	1/2	948.53	1/2	638.26	1/2	350.09	1/2	84.06	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,600.48	3/4	1,270.31	3/4	941.85	3/4	632.05	3/4	344.33	3/4	78.78	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,593.60	3	1,263.43	3	935.17	3	625.84	3	338.58	3	73.49	3	3	3	3	3	3	3	3
1/4	1,586.72	1/4	1,256.55	1/4	928.48	1/4	619.63	1/4	332.82	1/4	68.20	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,579.84	1/2	1,249.67	1/2	921.80	1/2	613.43	1/2	327.06	1/2	62.91	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,572.96	3/4	1,242.79	3/4	915.16	3/4	607.26	3/4	321.34	3/4	57.66	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,566.08	4	1,235.92	4	908.52	4	601.09	4	315.63	4	52.41	4	4	4	4	4	4	4	4
1/4	1,559.20	1/4	1,229.04	1/4	901.88	1/4	594.92	1/4	309.91	1/4	47.17	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,552.33	1/2	1,222.16	1/2	895.24	1/2	588.75	1/2	304.20	1/2	41.92	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,545.45	3/4	1,215.28	3/4	888.64	3/4	582.62	3/4	298.52	3/4	37.28	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,538.57	5	1,208.40	5	882.03	5	576.49	5	292.85	5	32.65	5	5	5	5	5	5	5	5
1/4	1,531.69	1/4	1,201.52	1/4	875.43	1/4	570.36	1/4	287.17	1/4	28.01	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,524.81	1/2	1,194.64	1/2	868.83	1/2	564.23	1/2	281.49	1/2	23.37	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,517.93	3/4	1,187.77	3/4	862.27	3/4	558.14	3/4	275.85	3/4	20.06	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,511.06	6	1,180.89	6	855.71	6	552.06	6	270.21	6	16.74	6	6	6	6	6	6	6	6
1/4	1,504.18	1/4	1,174.01	1/4	849.14	1/4	545.97	1/4	264.57	1/4	13.43	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,497.30	1/2	1,167.13	1/2	842.58	1/2	539.88	1/2	258.93	1/2	10.12	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,490.42	3/4	1,160.25	3/4	836.06	3/4	533.83	3/4	253.33	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,483.54	7	1,153.37	7	829.53	7	527.78	7	247.73	7		7	7	7	7	7	7	7	7
1/4	1,476.66	1/4	1,146.49	1/4	823.01	1/4	521.73	1/4	242.13	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,469.78	1/2	1,139.62	1/2	816.49	1/2	515.68	1/2	236.52	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,462.91	3/4	1,132.74	3/4	810.00	3/4	509.66	3/4	230.96	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,456.03	8	1,125.86	8	803.52	8	503.64	8	225.40	8		8	8	8	8	8	8	8	8
1/4	1,449.15	1/4	1,118.98	1/4	797.03	1/4	497.62	1/4	219.84	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,442.27	1/2	1,112.10	1/2	790.55	1/2	491.60	1/2	214.27	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,435.39	3/4	1,105.22	3/4	784.10	3/4	485.61	3/4	208.75	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,428.51	9	1,098.35	9	777.66	9	479.61	9	203.23	9		9	9	9	9	9	9	9	9
1/4	1,421.63	1/4	1,091.47	1/4	771.22	1/4	473.62	1/4	197.70	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,414.76	1/2	1,084.59	1/2	764.77	1/2	467.63	1/2	192.18	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,407.88	3/4	1,077.71	3/4	758.36	3/4	461.68	3/4	186.69	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,401.00	10	1,070.84	10	751.96	10	455.72	10	181.21	10		10	10	10	10	10	10	10	10
1/4	1,394.12	1/4	1,063.97	1/4	745.55	1/4	449.76	1/4	175.73	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,387.24	1/2	1,057.09	1/2	739.15	1/2	443.81	1/2	170.24	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,380.36	3/4	1,050.24	3/4	732.78	3/4	437.89	3/4	164.80	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,373.49	11	1,043.39	11	726.42	11	431.98	11	159.35	11		11	11	11	11	11	11	11	11
1/4	1,366.61	1/4	1,036.53	1/4	720.06	1/4	426.06	1/4	153.91	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,359.73	1/2	1,029.68	1/2	713.70	1/2	420.14	1/2	148.46	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,352.85	3/4	1,022.87	3/4	707.37	3/4	414.27	3/4	143.06	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: 04/27/2022 JS
CALCULATED: 04/27/2022 SW
RENAMED: 05/02/2022 CL

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2022



BARGE "CTC 29111"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 309

GAUGE HEIGHT 15'-06"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0	5,562.93	0	5,213.10	0	4,851.34	0	4,470.15	0	4,081.49	0	3,692.84	0	3,304.17	0	2,915.51	0	2,526.81
1/4		1/4	5,557.31	1/4	5,205.74	1/4	4,843.56	1/4	4,462.05	1/4	4,073.40	1/4	3,684.74	1/4	3,296.07	1/4	2,907.41	1/4	2,518.71
1/2		1/2	5,551.69	1/2	5,198.38	1/2	4,835.79	1/2	4,453.96	1/2	4,065.30	1/2	3,676.64	1/2	3,287.98	1/2	2,899.31	1/2	2,510.61
3/4		3/4	5,546.07	3/4	5,191.02	3/4	4,828.01	3/4	4,445.86	3/4	4,057.20	3/4	3,668.55	3/4	3,279.88	3/4	2,891.22	3/4	2,502.51
1		1	5,540.45	1	5,183.67	1	4,820.24	1	4,437.76	1	4,049.11	1	3,660.45	1	3,271.78	1	2,883.12	1	2,494.41
1/4		1/4	5,533.31	1/4	5,176.28	1/4	4,812.44	1/4	4,429.67	1/4	4,041.01	1/4	3,652.35	1/4	3,263.68	1/4	2,875.02	1/4	2,486.31
1/2		1/2	5,526.17	1/2	5,168.89	1/2	4,804.63	1/2	4,421.57	1/2	4,032.91	1/2	3,644.25	1/2	3,255.59	1/2	2,866.93	1/2	2,478.21
3/4		3/4	5,519.03	3/4	5,161.50	3/4	4,796.83	3/4	4,413.47	3/4	4,024.82	3/4	3,636.15	3/4	3,247.49	3/4	2,858.83	3/4	2,470.11
2		2	5,511.89	2	5,154.11	2	4,789.02	2	4,405.37	2	4,016.72	2	3,628.05	2	3,239.39	2	2,850.73	2	2,462.01
1/4		1/4	5,503.94	1/4	5,146.69	1/4	4,781.19	1/4	4,397.28	1/4	4,008.62	1/4	3,619.96	1/4	3,231.30	1/4	2,842.63	1/4	2,453.91
1/2		1/2	5,495.99	1/2	5,139.28	1/2	4,773.35	1/2	4,389.18	1/2	4,000.52	1/2	3,611.86	1/2	3,223.20	1/2	2,834.54	1/2	2,445.81
3/4		3/4	5,488.05	3/4	5,131.86	3/4	4,765.51	3/4	4,381.08	3/4	3,992.43	3/4	3,603.76	3/4	3,215.10	3/4	2,826.44	3/4	2,437.71
3		3	5,480.10	3	5,124.44	3	4,757.68	3	4,372.99	3	3,984.33	3	3,595.66	3	3,207.00	3	2,818.34	3	2,429.61
1/4		1/4	5,472.05	1/4	5,116.99	1/4	4,749.81	1/4	4,364.89	1/4	3,976.23	1/4	3,587.57	1/4	3,198.91	1/4	2,810.25	1/4	2,421.51
1/2		1/2	5,464.00	1/2	5,109.54	1/2	4,741.95	1/2	4,356.79	1/2	3,968.14	1/2	3,579.47	1/2	3,190.81	1/2	2,802.15	1/2	2,413.41
3/4		3/4	5,455.95	3/4	5,102.09	3/4	4,734.08	3/4	4,348.70	3/4	3,960.04	3/4	3,571.37	3/4	3,182.71	3/4	2,794.05	3/4	2,405.31
4		4	5,447.90	4	5,094.64	4	4,726.21	4	4,340.60	4	3,951.94	4	3,563.28	4	3,174.62	4	2,785.95	4	2,397.21
1/4		1/4	5,440.07	1/4	5,087.16	1/4	4,718.32	1/4	4,332.50	1/4	3,943.85	1/4	3,555.18	1/4	3,166.52	1/4	2,777.86	1/4	2,389.11
1/2		1/2	5,432.25	1/2	5,079.68	1/2	4,710.42	1/2	4,324.40	1/2	3,935.75	1/2	3,547.08	1/2	3,158.42	1/2	2,769.76	1/2	2,381.01
3/4		3/4	5,424.43	3/4	5,072.19	3/4	4,702.52	3/4	4,316.31	3/4	3,927.65	3/4	3,538.99	3/4	3,150.32	3/4	2,761.66	3/4	2,372.91
5		5	5,416.60	5	5,064.71	5	4,694.63	5	4,308.21	5	3,919.55	5	3,530.89	5	3,142.23	5	2,753.57	5	2,364.81
1/4		1/4	5,409.23	1/4	5,057.20	1/4	4,686.70	1/4	4,300.11	1/4	3,911.46	1/4	3,522.79	1/4	3,134.13	1/4	2,745.47	1/4	2,356.71
1/2		1/2	5,401.85	1/2	5,049.69	1/2	4,678.77	1/2	4,292.02	1/2	3,903.36	1/2	3,514.69	1/2	3,126.03	1/2	2,737.37	1/2	2,348.61
3/4		3/4	5,394.47	3/4	5,042.18	3/4	4,670.84	3/4	4,283.92	3/4	3,895.26	3/4	3,506.60	3/4	3,117.94	3/4	2,729.28	3/4	2,340.51
6		6	5,387.10	6	5,034.67	6	4,662.91	6	4,275.82	6	3,887.17	6	3,498.50	6	3,109.84	6	2,721.18	6	2,332.41
1/4		1/4	5,379.92	1/4	5,027.13	1/4	4,654.96	1/4	4,267.73	1/4	3,879.07	1/4	3,490.40	1/4	3,101.74	1/4	2,713.08	1/4	2,324.31
1/2		1/2	5,372.75	1/2	5,019.58	1/2	4,647.00	1/2	4,259.63	1/2	3,870.97	1/2	3,482.31	1/2	3,093.64	1/2	2,704.98	1/2	2,316.21
3/4		3/4	5,365.58	3/4	5,012.04	3/4	4,639.04	3/4	4,251.53	3/4	3,862.88	3/4	3,474.21	3/4	3,085.55	3/4	2,696.89	3/4	2,308.11
7		7	5,358.40	7	5,004.50	7	4,631.08	7	4,243.43	7	3,854.78	7	3,466.11	7	3,077.45	7	2,688.79	7	2,300.01
1/4		1/4	5,351.20	1/4	4,996.93	1/4	4,623.09	1/4	4,235.34	1/4	3,846.68	1/4	3,458.01	1/4	3,069.35	1/4	2,680.69	1/4	2,291.91
1/2		1/2	5,344.00	1/2	4,989.35	1/2	4,615.10	1/2	4,227.24	1/2	3,838.58	1/2	3,449.92	1/2	3,061.26	1/2	2,672.60	1/2	2,283.80
3/4		3/4	5,336.79	3/4	4,981.78	3/4	4,607.11	3/4	4,219.14	3/4	3,830.49	3/4	3,441.82	3/4	3,053.16	3/4	2,664.50	3/4	2,275.70
8		8	5,329.59	8	4,974.21	8	4,599.12	8	4,211.05	8	3,822.39	8	3,433.72	8	3,045.06	8	2,656.40	8	2,267.60
1/4		1/4	5,322.36	1/4	4,966.60	1/4	4,591.10	1/4	4,202.95	1/4	3,814.29	1/4	3,425.63	1/4	3,036.96	1/4	2,648.30	1/4	2,259.50
1/2		1/2	5,315.12	1/2	4,959.00	1/2	4,583.08	1/2	4,194.85	1/2	3,806.20	1/2	3,417.53	1/2	3,028.87	1/2	2,640.21	1/2	2,251.40
3/4		3/4	5,307.89	3/4	4,951.40	3/4	4,575.06	3/4	4,186.76	3/4	3,798.10	3/4	3,409.43	3/4	3,020.77	3/4	2,632.11	3/4	2,243.30
9		9	5,300.65	9	4,943.79	9	4,567.04	9	4,178.66	9	3,790.00	9	3,401.33	9	3,012.67	9	2,624.01	9	2,235.20
1/4		1/4	5,293.39	1/4	4,936.13	1/4	4,558.99	1/4	4,170.56	1/4	3,781.91	1/4	3,393.24	1/4	3,004.58	1/4	2,615.92	1/4	2,227.10
1/2		1/2	5,286.12	1/2	4,928.48	1/2	4,550.94	1/2	4,162.46	1/2	3,773.81	1/2	3,385.14	1/2	2,996.48	1/2	2,607.82	1/2	2,219.00
3/4		3/4	5,278.86	3/4	4,920.82	3/4	4,542.89	3/4	4,154.37	3/4	3,765.71	3/4	3,377.04	3/4	2,988.38	3/4	2,599.72	3/4	2,210.90
10		10	5,271.59	10	4,913.16	10	4,534.84	10	4,146.27	10	3,757.61	10	3,368.95	10	2,980.29	10	2,591.62	10	2,202.80
1/4		1/4	5,264.29	1/4	4,905.45	1/4	4,526.76	1/4	4,138.17	1/4	3,749.52	1/4	3,360.85	1/4	2,972.19	1/4	2,583.52	1/4	2,194.70
1/2		1/2	5,257.00	1/2	4,897.73	1/2	4,518.68	1/2	4,130.08	1/2	3,741.42	1/2	3,352.75	1/2	2,964.09	1/2	2,575.42	1/2	2,186.60
3/4		3/4	5,249.70	3/4	4,890.02	3/4	4,510.60	3/4	4,121.98	3/4	3,733.32	3/4	3,344.65	3/4	2,955.99	3/4	2,567.31	3/4	2,178.50
11		11	5,242.41	11	4,882.31	11	4,502.53	11	4,113.88	11	3,725.23	11	3,336.56	11	2,947.90	11	2,559.21	11	2,170.40
1/4		1/4	5,235.08	1/4	4,874.57	1/4	4,494.43	1/4	4,105.79	1/4	3,717.13	1/4	3,328.46	1/4	2,939.80	1/4	2,551.11	1/4	2,162.30
1/2		1/2	5,227.75	1/2	4,866.82	1/2	4,486.34	1/2	4,097.69	1/2	3,709.03	1/2	3,320.36	1/2	2,931.70	1/2	2,543.01	1/2	2,154.20
3/4		3/4	5,220.42	3/4	4,859.08	3/4	4,478.24	3/4	4,089.59	3/4	3,700.94	3/4	3,312.27	3/4	2,923.61	3/4	2,534.91	3/4	2,146.10

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 29111"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 309

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	2,138.00	0	1,749.19	0	1,360.38	0	971.64	0	583.53	0	194.77	0		0		0		0	
1/4	2,129.90	1/4	1,741.09	1/4	1,352.28	1/4	963.56	1/4	575.43	1/4	186.67	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,121.80	1/2	1,732.99	1/2	1,344.18	1/2	955.49	1/2	567.33	1/2	178.57	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,113.70	3/4	1,724.89	3/4	1,336.08	3/4	947.41	3/4	559.23	3/4	170.47	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,105.60	1	1,716.79	1	1,327.98	1	939.33	1	551.13	1	162.37	1	1	1	1	1	1	1	1
1/4	2,097.50	1/4	1,708.69	1/4	1,319.88	1/4	931.25	1/4	543.03	1/4	154.27	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,089.40	1/2	1,700.59	1/2	1,311.78	1/2	923.17	1/2	534.93	1/2	146.17	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,081.30	3/4	1,692.49	3/4	1,303.68	3/4	915.09	3/4	526.83	3/4	138.07	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,073.20	2	1,684.39	2	1,295.58	2	907.02	2	518.73	2	129.97	2	2	2	2	2	2	2	2
1/4	2,065.10	1/4	1,676.29	1/4	1,287.48	1/4	898.94	1/4	510.63	1/4	121.87	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,057.00	1/2	1,668.19	1/2	1,279.38	1/2	890.86	1/2	502.53	1/2	113.77	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,048.90	3/4	1,660.09	3/4	1,271.28	3/4	882.78	3/4	494.44	3/4	105.67	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	2,040.80	3	1,651.99	3	1,263.18	3	874.70	3	486.34	3	97.57	3	3	3	3	3	3	3	3
1/4	2,032.70	1/4	1,643.89	1/4	1,255.08	1/4	866.62	1/4	478.24	1/4	89.47	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,024.60	1/2	1,635.79	1/2	1,246.98	1/2	858.54	1/2	470.15	1/2	81.37	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,016.50	3/4	1,627.69	3/4	1,238.88	3/4	850.47	3/4	462.05	3/4	73.26	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	2,008.40	4	1,619.59	4	1,230.78	4	842.39	4	453.95	4	65.16	4	4	4	4	4	4	4	4
1/4	2,000.30	1/4	1,611.49	1/4	1,222.68	1/4	834.31	1/4	445.86	1/4	57.74	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,992.20	1/2	1,603.39	1/2	1,214.58	1/2	826.23	1/2	437.76	1/2	50.31	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,984.10	3/4	1,595.29	3/4	1,206.48	3/4	818.16	3/4	429.67	3/4	42.89	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,976.00	5	1,587.19	5	1,198.38	5	810.08	5	421.57	5	35.46	5	5	5	5	5	5	5	5
1/4	1,967.90	1/4	1,579.09	1/4	1,190.28	1/4	802.00	1/4	413.47	1/4	30.06	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,959.80	1/2	1,570.99	1/2	1,182.18	1/2	793.93	1/2	405.37	1/2	24.66	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,951.70	3/4	1,562.89	3/4	1,174.08	3/4	785.85	3/4	397.28	3/4	19.26	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,943.60	6	1,554.79	6	1,165.98	6	777.78	6	389.18	6	13.87	6	6	6	6	6	6	6	6
1/4	1,935.50	1/4	1,546.69	1/4	1,157.88	1/4	769.70	1/4	381.08	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,927.40	1/2	1,538.59	1/2	1,149.78	1/2	761.62	1/2	372.98	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,919.30	3/4	1,530.49	3/4	1,141.68	3/4	753.55	3/4	364.88	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,911.20	7	1,522.39	7	1,133.58	7	745.47	7	356.78	7		7	7	7	7	7	7	7	7
1/4	1,903.10	1/4	1,514.29	1/4	1,125.48	1/4	737.38	1/4	348.67	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,895.00	1/2	1,506.19	1/2	1,117.38	1/2	729.30	1/2	340.57	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,886.90	3/4	1,498.09	3/4	1,109.28	3/4	721.21	3/4	332.47	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,878.79	8	1,489.99	8	1,101.18	8	713.13	8	324.37	8		8	8	8	8	8	8	8	8
1/4	1,870.69	1/4	1,481.89	1/4	1,093.08	1/4	705.03	1/4	316.27	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,862.59	1/2	1,473.78	1/2	1,084.98	1/2	696.93	1/2	308.17	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,854.49	3/4	1,465.68	3/4	1,076.88	3/4	688.83	3/4	300.07	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,846.39	9	1,457.58	9	1,068.77	9	680.74	9	291.97	9		9	9	9	9	9	9	9	9
1/4	1,838.29	1/4	1,449.48	1/4	1,060.67	1/4	672.64	1/4	283.87	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,830.19	1/2	1,441.38	1/2	1,052.57	1/2	664.54	1/2	275.77	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,822.09	3/4	1,433.28	3/4	1,044.47	3/4	656.44	3/4	267.67	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,813.99	10	1,425.18	10	1,036.37	10	648.34	10	259.57	10		10	10	10	10	10	10	10	10
1/4	1,805.89	1/4	1,417.08	1/4	1,028.28	1/4	640.24	1/4	251.47	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,797.79	1/2	1,408.98	1/2	1,020.18	1/2	632.13	1/2	243.37	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,789.69	3/4	1,400.88	3/4	1,012.08	3/4	624.03	3/4	235.27	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,781.59	11	1,392.78	11	1,003.99	11	615.93	11	227.17	11		11	11	11	11	11	11	11	11
1/4	1,773.49	1/4	1,384.68	1/4	995.90	1/4	607.83	1/4	219.07	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,765.39	1/2	1,376.58	1/2	987.81	1/2	599.73	1/2	210.97	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,757.29	3/4	1,368.48	3/4	979.73	3/4	591.63	3/4	202.87	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: 04/27/2022 JS
CALCULATED: 04/27/2022 SW
RENAMED: 05/02/2022 CL

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2022



BARGE "CTC 29111"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 309

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		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	5,172.76	0	4,812.91	0	4,433.68	0	4,046.67	0	3,659.66	0	3,272.63	0	2,885.61	0	2,498.56
1/4		1/4	5,513.83	1/4	5,165.46	1/4	4,805.20	1/4	4,425.62	1/4	4,038.61	1/4	3,651.59	1/4	3,264.57	1/4	2,877.55	1/4	2,490.50
1/2		1/2	5,508.23	1/2	5,158.13	1/2	4,797.46	1/2	4,417.56	1/2	4,030.54	1/2	3,643.53	1/2	3,256.50	1/2	2,869.48	1/2	2,482.43
3/4		3/4	5,502.64	3/4	5,150.81	3/4	4,789.72	3/4	4,409.50	3/4	4,022.48	3/4	3,635.47	3/4	3,248.44	3/4	2,861.42	3/4	2,474.37
1		1	5,497.04	1	5,143.48	1	4,781.98	1	4,401.43	1	4,014.42	1	3,627.40	1	3,240.38	1	2,853.36	1	2,466.30
1/4		1/4	5,491.45	1/4	5,136.15	1/4	4,774.24	1/4	4,393.37	1/4	4,006.36	1/4	3,619.34	1/4	3,232.31	1/4	2,845.30	1/4	2,458.23
1/2		1/2	5,484.34	1/2	5,128.79	1/2	4,766.47	1/2	4,385.31	1/2	3,998.29	1/2	3,611.28	1/2	3,224.25	1/2	2,837.23	1/2	2,450.17
3/4		3/4	5,477.23	3/4	5,121.44	3/4	4,758.69	3/4	4,377.24	3/4	3,990.23	3/4	3,603.21	3/4	3,216.19	3/4	2,829.17	3/4	2,442.10
2		2	5,470.12	2	5,114.08	2	4,750.92	2	4,369.18	2	3,982.17	2	3,595.15	2	3,208.13	2	2,821.11	2	2,434.04
1/4		1/4	5,463.01	1/4	5,106.72	1/4	4,743.15	1/4	4,361.12	1/4	3,974.10	1/4	3,587.08	1/4	3,200.06	1/4	2,813.04	1/4	2,425.97
1/2		1/2	5,455.10	1/2	5,099.33	1/2	4,735.35	1/2	4,353.06	1/2	3,966.04	1/2	3,579.02	1/2	3,192.00	1/2	2,804.98	1/2	2,417.90
3/4		3/4	5,447.18	3/4	5,091.94	3/4	4,727.54	3/4	4,344.99	3/4	3,957.98	3/4	3,570.96	3/4	3,183.94	3/4	2,796.92	3/4	2,409.84
3		3	5,439.27	3	5,084.55	3	4,719.74	3	4,336.93	3	3,949.92	3	3,562.89	3	3,175.87	3	2,788.86	3	2,401.77
1/4		1/4	5,431.35	1/4	5,077.17	1/4	4,711.94	1/4	4,328.87	1/4	3,941.85	1/4	3,554.83	1/4	3,167.81	1/4	2,780.79	1/4	2,393.71
1/2		1/2	5,423.34	1/2	5,069.75	1/2	4,704.11	1/2	4,320.81	1/2	3,933.79	1/2	3,546.77	1/2	3,159.75	1/2	2,772.73	1/2	2,385.64
3/4		3/4	5,415.32	3/4	5,062.33	3/4	4,696.27	3/4	4,312.74	3/4	3,925.73	3/4	3,538.71	3/4	3,151.69	3/4	2,764.67	3/4	2,377.57
4		4	5,407.31	4	5,054.91	4	4,688.44	4	4,304.68	4	3,917.67	4	3,530.64	4	3,143.62	4	2,756.60	4	2,369.51
1/4		1/4	5,399.29	1/4	5,047.49	1/4	4,680.61	1/4	4,296.62	1/4	3,909.60	1/4	3,522.58	1/4	3,135.56	1/4	2,748.54	1/4	2,361.44
1/2		1/2	5,391.50	1/2	5,040.04	1/2	4,672.74	1/2	4,288.55	1/2	3,901.54	1/2	3,514.52	1/2	3,127.50	1/2	2,740.48	1/2	2,353.38
3/4		3/4	5,383.71	3/4	5,032.59	3/4	4,664.88	3/4	4,280.49	3/4	3,893.48	3/4	3,506.45	3/4	3,119.43	3/4	2,732.42	3/4	2,345.31
5		5	5,375.92	5	5,025.14	5	4,657.01	5	4,272.43	5	3,885.41	5	3,498.39	5	3,111.37	5	2,724.35	5	2,337.24
1/4		1/4	5,368.13	1/4	5,017.69	1/4	4,649.15	1/4	4,264.37	1/4	3,877.35	1/4	3,490.33	1/4	3,103.31	1/4	2,716.29	1/4	2,329.18
1/2		1/2	5,360.78	1/2	5,010.21	1/2	4,641.26	1/2	4,256.30	1/2	3,869.29	1/2	3,482.26	1/2	3,095.25	1/2	2,708.23	1/2	2,321.11
3/4		3/4	5,353.44	3/4	5,002.73	3/4	4,633.36	3/4	4,248.24	3/4	3,861.23	3/4	3,474.20	3/4	3,087.18	3/4	2,700.16	3/4	2,313.05
6		6	5,346.09	6	4,995.25	6	4,625.47	6	4,240.18	6	3,853.16	6	3,466.14	6	3,079.12	6	2,692.10	6	2,304.98
1/4		1/4	5,338.74	1/4	4,987.77	1/4	4,617.57	1/4	4,232.11	1/4	3,845.10	1/4	3,458.08	1/4	3,071.06	1/4	2,684.04	1/4	2,296.91
1/2		1/2	5,331.60	1/2	4,980.26	1/2	4,609.65	1/2	4,224.05	1/2	3,837.04	1/2	3,450.01	1/2	3,062.99	1/2	2,675.97	1/2	2,288.85
3/4		3/4	5,324.46	3/4	4,972.75	3/4	4,601.72	3/4	4,215.99	3/4	3,828.97	3/4	3,441.95	3/4	3,054.93	3/4	2,667.91	3/4	2,280.78
7		7	5,317.31	7	4,965.24	7	4,593.80	7	4,207.93	7	3,820.91	7	3,433.89	7	3,046.87	7	2,659.85	7	2,272.72
1/4		1/4	5,310.17	1/4	4,957.73	1/4	4,585.87	1/4	4,199.86	1/4	3,812.85	1/4	3,425.82	1/4	3,038.81	1/4	2,651.79	1/4	2,264.65
1/2		1/2	5,302.99	1/2	4,950.19	1/2	4,577.92	1/2	4,191.80	1/2	3,804.79	1/2	3,417.76	1/2	3,030.74	1/2	2,643.72	1/2	2,256.58
3/4		3/4	5,295.82	3/4	4,942.64	3/4	4,569.96	3/4	4,183.74	3/4	3,796.72	3/4	3,409.70	3/4	3,022.68	3/4	2,635.66	3/4	2,248.52
8		8	5,288.65	8	4,935.10	8	4,562.00	8	4,175.67	8	3,788.66	8	3,401.64	8	3,014.62	8	2,627.60	8	2,240.45
1/4		1/4	5,281.47	1/4	4,927.56	1/4	4,554.05	1/4	4,167.61	1/4	3,780.60	1/4	3,393.57	1/4	3,006.55	1/4	2,619.53	1/4	2,232.39
1/2		1/2	5,274.27	1/2	4,919.99	1/2	4,546.06	1/2	4,159.55	1/2	3,772.53	1/2	3,385.51	1/2	2,998.49	1/2	2,611.47	1/2	2,224.32
3/4		3/4	5,267.06	3/4	4,912.42	3/4	4,538.08	3/4	4,151.49	3/4	3,764.47	3/4	3,377.45	3/4	2,990.43	3/4	2,603.41	3/4	2,216.25
9		9	5,259.86	9	4,904.84	9	4,530.09	9	4,143.42	9	3,756.41	9	3,369.38	9	2,982.36	9	2,595.35	9	2,208.19
1/4		1/4	5,252.65	1/4	4,897.27	1/4	4,522.10	1/4	4,135.36	1/4	3,748.35	1/4	3,361.32	1/4	2,974.30	1/4	2,587.28	1/4	2,200.12
1/2		1/2	5,245.42	1/2	4,889.65	1/2	4,514.09	1/2	4,127.30	1/2	3,740.28	1/2	3,353.26	1/2	2,966.24	1/2	2,579.22	1/2	2,192.06
3/4		3/4	5,238.18	3/4	4,882.02	3/4	4,506.07	3/4	4,119.24	3/4	3,732.22	3/4	3,345.20	3/4	2,958.18	3/4	2,571.16	3/4	2,183.99
10		10	5,230.95	10	4,874.39	10	4,498.05	10	4,111.17	10	3,724.16	10	3,337.13	10	2,950.11	10	2,563.09	10	2,175.92
1/4		1/4	5,223.71	1/4	4,866.77	1/4	4,490.04	1/4	4,103.11	1/4	3,716.10	1/4	3,329.07	1/4	2,942.05	1/4	2,555.03	1/4	2,167.86
1/2		1/2	5,216.45	1/2	4,859.09	1/2	4,481.99	1/2	4,095.05	1/2	3,708.03	1/2	3,321.01	1/2	2,933.99	1/2	2,546.96	1/2	2,159.79
3/4		3/4	5,209.18	3/4	4,851.41	3/4	4,473.95	3/4	4,086.98	3/4	3,699.97	3/4	3,312.94	3/4	2,925.92	3/4	2,538.90	3/4	2,151.73
11		11	5,201.91	11	4,843.73	11	4,465.90	11	4,078.92	11	3,691.91	11	3,304.88	11	2,917.86	11	2,530.83	11	2,143.66
1/4		1/4	5,194.65	1/4	4,836.05	1/4	4,457.86	1/4	4,070.86	1/4	3,683.84	1/4	3,296.82	1/4	2,909.80	1/4	2,522.76	1/4	2,135.59
1/2		1/2	5,187.35	1/2	4,828.34	1/2	4,449.80	1/2	4,062.80	1/2	3,675.78	1/2	3,288.76	1/2	2,901.74	1/2	2,514.70	1/2	2,127.53
3/4		3/4	5,180.05	3/4	4,820.63	3/4	4,441.74	3/4	4,054.73	3/4	3,667.72	3/4	3,280.69	3/4	2,893.67	3/4	2,506.63	3/4	2,119.46

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 29111"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 309

GAUGE HEIGHT 15'-06 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,111.40	0	1,724.23	0	1,337.06	0	963.68	0	589.13	0	202.01	0		0		0		0	
1/4	2,103.33	1/4	1,716.16	1/4	1,328.99	1/4	955.94	1/4	581.07	1/4	193.95	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,095.26	1/2	1,708.10	1/2	1,321.08	1/2	948.20	1/2	573.00	1/2	185.88	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,087.20	3/4	1,700.03	3/4	1,313.17	3/4	940.46	3/4	564.94	3/4	177.81	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,079.13	1	1,691.96	1	1,305.26	1	932.72	1	556.87	1	169.75	1	1	1	1	1	1	1	1
1/4	2,071.07	1/4	1,683.90	1/4	1,297.34	1/4	924.98	1/4	548.80	1/4	161.68	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,063.00	1/2	1,675.83	1/2	1,289.58	1/2	917.24	1/2	540.74	1/2	153.62	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,054.93	3/4	1,667.77	3/4	1,281.82	3/4	909.50	3/4	532.67	3/4	145.55	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,046.87	2	1,659.70	2	1,274.06	2	901.76	2	524.61	2	137.48	2	2	2	2	2	2	2	2
1/4	2,038.80	1/4	1,651.63	1/4	1,266.30	1/4	894.03	1/4	516.54	1/4	129.42	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,030.74	1/2	1,643.57	1/2	1,258.54	1/2	886.29	1/2	508.48	1/2	121.35	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,022.67	3/4	1,635.50	3/4	1,250.78	3/4	878.55	3/4	500.41	3/4	113.29	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	2,014.60	3	1,627.44	3	1,243.02	3	870.81	3	492.35	3	105.22	3	3	3	3	3	3	3	3
1/4	2,006.54	1/4	1,619.37	1/4	1,235.26	1/4	863.07	1/4	484.28	1/4	97.15	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,998.47	1/2	1,611.30	1/2	1,227.49	1/2	855.33	1/2	476.22	1/2	89.09	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,990.41	3/4	1,603.24	3/4	1,219.73	3/4	847.59	3/4	468.16	3/4	81.02	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,982.34	4	1,595.17	4	1,211.97	4	839.85	4	460.10	4	72.96	4	4	4	4	4	4	4	4
1/4	1,974.27	1/4	1,587.11	1/4	1,204.21	1/4	832.11	1/4	452.04	1/4	64.89	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,966.21	1/2	1,579.04	1/2	1,196.45	1/2	824.38	1/2	443.97	1/2	57.50	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,958.14	3/4	1,570.97	3/4	1,188.69	3/4	816.64	3/4	435.91	3/4	50.10	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,950.08	5	1,562.91	5	1,180.93	5	808.90	5	427.85	5	42.71	5	5	5	5	5	5	5	5
1/4	1,942.01	1/4	1,554.84	1/4	1,173.17	1/4	801.16	1/4	419.79	1/4	35.31	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,933.94	1/2	1,546.78	1/2	1,165.41	1/2	793.43	1/2	411.72	1/2	29.94	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,925.88	3/4	1,538.71	3/4	1,157.65	3/4	785.69	3/4	403.66	3/4	24.56	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,917.81	6	1,530.64	6	1,149.89	6	777.95	6	395.59	6	19.18	6	6	6	6	6	6	6	6
1/4	1,909.75	1/4	1,522.58	1/4	1,142.13	1/4	770.22	1/4	387.53	1/4	13.81	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,901.68	1/2	1,514.51	1/2	1,134.37	1/2	762.48	1/2	379.46	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,893.61	3/4	1,506.45	3/4	1,126.60	3/4	754.74	3/4	371.40	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,885.55	7	1,498.38	7	1,118.84	7	747.01	7	363.33	7		7	7	7	7	7	7	7	7
1/4	1,877.48	1/4	1,490.31	1/4	1,111.08	1/4	739.27	1/4	355.27	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,869.42	1/2	1,482.25	1/2	1,103.32	1/2	731.52	1/2	347.20	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,861.35	3/4	1,474.18	3/4	1,095.56	3/4	723.77	3/4	339.13	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,853.28	8	1,466.12	8	1,087.80	8	716.03	8	331.07	8		8	8	8	8	8	8	8	8
1/4	1,845.22	1/4	1,458.05	1/4	1,080.04	1/4	708.28	1/4	323.00	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,837.15	1/2	1,449.98	1/2	1,072.28	1/2	700.52	1/2	314.94	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,829.09	3/4	1,441.92	3/4	1,064.52	3/4	692.77	3/4	306.87	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,821.02	9	1,433.85	9	1,056.76	9	685.01	9	298.80	9		9	9	9	9	9	9	9	9
1/4	1,812.95	1/4	1,425.79	1/4	1,049.00	1/4	677.25	1/4	290.74	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,804.89	1/2	1,417.72	1/2	1,041.24	1/2	669.34	1/2	282.67	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,796.82	3/4	1,409.65	3/4	1,033.47	3/4	661.42	3/4	274.61	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,788.76	10	1,401.59	10	1,025.71	10	653.51	10	266.54	10		10	10	10	10	10	10	10	10
1/4	1,780.69	1/4	1,393.52	1/4	1,017.95	1/4	645.60	1/4	258.47	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,772.62	1/2	1,385.46	1/2	1,010.20	1/2	637.53	1/2	250.41	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,764.56	3/4	1,377.39	3/4	1,002.44	3/4	629.46	3/4	242.34	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,756.49	11	1,369.32	11	994.68	11	621.40	11	234.28	11		11	11	11	11	11	11	11	11
1/4	1,748.43	1/4	1,361.26	1/4	986.92	1/4	613.33	1/4	226.21	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,740.36	1/2	1,353.19	1/2	979.18	1/2	605.27	1/2	218.14	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,732.29	3/4	1,345.13	3/4	971.43	3/4	597.20	3/4	210.08	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/27/2022 JS
CALCULATED: 04/27/2022 SW
RENAMED: 05/02/2022 CL

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2022



BARGE "CTC 29111"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 309

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	4,493.73	0	4,252.12	0	3,992.87	0	3,726.37	0	3,417.03	0	3,057.99	0	2,698.18	0	2,338.27
1/4		1/4	4,717.70	1/4	4,488.88	1/4	4,246.89	1/4	3,987.32	1/4	3,720.82	1/4	3,409.65	1/4	3,050.50	1/4	2,690.68	1/4	2,330.76
1/2		1/2	4,714.50	1/2	4,484.01	1/2	4,241.64	1/2	3,981.77	1/2	3,715.27	1/2	3,402.26	1/2	3,043.00	1/2	2,683.19	1/2	2,323.25
3/4		3/4	4,711.30	3/4	4,479.13	3/4	4,236.39	3/4	3,976.22	3/4	3,709.72	3/4	3,394.87	3/4	3,035.51	3/4	2,675.69	3/4	2,315.75
1		1	4,708.09	1	4,474.25	1	4,231.14	1	3,970.67	1	3,704.17	1	3,387.49	1	3,028.01	1	2,668.20	1	2,308.24
1/4		1/4	4,704.89	1/4	4,469.37	1/4	4,225.88	1/4	3,965.11	1/4	3,698.61	1/4	3,380.10	1/4	3,020.51	1/4	2,660.70	1/4	2,300.74
1/2		1/2	4,700.28	1/2	4,464.47	1/2	4,220.60	1/2	3,959.56	1/2	3,693.06	1/2	3,372.66	1/2	3,013.02	1/2	2,653.20	1/2	2,293.23
3/4		3/4	4,695.67	3/4	4,459.56	3/4	4,215.32	3/4	3,954.01	3/4	3,687.51	3/4	3,365.22	3/4	3,005.52	3/4	2,645.71	3/4	2,285.73
2		2	4,691.06	2	4,454.65	2	4,210.04	2	3,948.46	2	3,681.96	2	3,357.78	2	2,998.02	2	2,638.21	2	2,278.22
1/4		1/4	4,686.45	1/4	4,449.75	1/4	4,204.76	1/4	3,942.91	1/4	3,676.41	1/4	3,350.34	1/4	2,990.53	1/4	2,630.72	1/4	2,270.72
1/2		1/2	4,681.09	1/2	4,444.81	1/2	4,199.45	1/2	3,937.35	1/2	3,670.85	1/2	3,342.85	1/2	2,983.03	1/2	2,623.22	1/2	2,263.21
3/4		3/4	4,675.73	3/4	4,439.88	3/4	4,194.14	3/4	3,931.80	3/4	3,665.30	3/4	3,335.35	3/4	2,975.54	3/4	2,615.72	3/4	2,255.71
3		3	4,670.37	3	4,434.94	3	4,188.83	3	3,926.25	3	3,659.75	3	3,327.85	3	2,968.04	3	2,608.23	3	2,248.20
1/4		1/4	4,665.01	1/4	4,430.01	1/4	4,183.52	1/4	3,920.70	1/4	3,654.20	1/4	3,320.36	1/4	2,960.54	1/4	2,600.73	1/4	2,240.69
1/2		1/2	4,659.56	1/2	4,425.04	1/2	4,178.18	1/2	3,915.15	1/2	3,648.65	1/2	3,312.86	1/2	2,953.05	1/2	2,593.24	1/2	2,233.20
3/4		3/4	4,654.10	3/4	4,420.08	3/4	4,172.84	3/4	3,909.59	3/4	3,643.09	3/4	3,305.37	3/4	2,945.55	3/4	2,585.74	3/4	2,225.70
4		4	4,648.65	4	4,415.12	4	4,167.51	4	3,904.04	4	3,637.54	4	3,297.87	4	2,938.06	4	2,578.24	4	2,218.20
1/4		1/4	4,643.19	1/4	4,410.15	1/4	4,162.17	1/4	3,898.49	1/4	3,631.99	1/4	3,290.37	1/4	2,930.56	1/4	2,570.75	1/4	2,210.71
1/2		1/2	4,637.95	1/2	4,405.16	1/2	4,156.80	1/2	3,892.94	1/2	3,626.44	1/2	3,282.88	1/2	2,923.06	1/2	2,563.25	1/2	2,203.22
3/4		3/4	4,632.71	3/4	4,400.17	3/4	4,151.44	3/4	3,887.39	3/4	3,620.88	3/4	3,275.38	3/4	2,915.57	3/4	2,555.76	3/4	2,195.73
5		5	4,627.46	5	4,395.18	5	4,146.07	5	3,881.83	5	3,615.33	5	3,267.88	5	2,908.07	5	2,548.26	5	2,188.24
1/4		1/4	4,622.22	1/4	4,390.19	1/4	4,140.70	1/4	3,876.28	1/4	3,609.78	1/4	3,260.39	1/4	2,900.58	1/4	2,540.76	1/4	2,180.75
1/2		1/2	4,617.39	1/2	4,385.17	1/2	4,135.31	1/2	3,870.73	1/2	3,603.74	1/2	3,252.89	1/2	2,893.08	1/2	2,533.27	1/2	2,173.26
3/4		3/4	4,612.56	3/4	4,380.15	3/4	4,129.91	3/4	3,865.18	3/4	3,597.70	3/4	3,245.40	3/4	2,885.58	3/4	2,525.77	3/4	2,165.77
6		6	4,607.73	6	4,375.13	6	4,124.52	6	3,859.62	6	3,591.66	6	3,237.90	6	2,878.09	6	2,518.27	6	2,158.28
1/4		1/4	4,602.90	1/4	4,370.11	1/4	4,119.12	1/4	3,854.07	1/4	3,585.62	1/4	3,230.40	1/4	2,870.59	1/4	2,510.78	1/4	2,150.79
1/2		1/2	4,598.26	1/2	4,365.06	1/2	4,113.70	1/2	3,848.52	1/2	3,578.61	1/2	3,222.91	1/2	2,863.10	1/2	2,503.28	1/2	2,143.31
3/4		3/4	4,593.62	3/4	4,360.01	3/4	4,108.27	3/4	3,842.97	3/4	3,571.60	3/4	3,215.41	3/4	2,855.60	3/4	2,495.79	3/4	2,135.82
7		7	4,588.98	7	4,354.96	7	4,102.85	7	3,837.42	7	3,564.59	7	3,207.92	7	2,848.10	7	2,488.29	7	2,128.33
1/4		1/4	4,584.33	1/4	4,349.91	1/4	4,097.43	1/4	3,831.86	1/4	3,557.57	1/4	3,200.42	1/4	2,840.61	1/4	2,480.79	1/4	2,120.84
1/2		1/2	4,579.66	1/2	4,344.83	1/2	4,091.97	1/2	3,826.31	1/2	3,550.13	1/2	3,192.92	1/2	2,833.11	1/2	2,473.30	1/2	2,113.35
3/4		3/4	4,574.99	3/4	4,339.75	3/4	4,086.52	3/4	3,820.76	3/4	3,542.69	3/4	3,185.43	3/4	2,825.61	3/4	2,465.80	3/4	2,105.86
8		8	4,570.32	8	4,334.68	8	4,081.07	8	3,815.21	8	3,535.25	8	3,177.93	8	2,818.12	8	2,458.31	8	2,098.37
1/4		1/4	4,565.65	1/4	4,329.60	1/4	4,075.62	1/4	3,809.66	1/4	3,527.81	1/4	3,170.44	1/4	2,810.62	1/4	2,450.81	1/4	2,090.88
1/2		1/2	4,560.92	1/2	4,324.49	1/2	4,070.14	1/2	3,804.10	1/2	3,520.43	1/2	3,162.94	1/2	2,803.13	1/2	2,443.31	1/2	2,083.39
3/4		3/4	4,556.19	3/4	4,319.39	3/4	4,064.65	3/4	3,798.55	3/4	3,513.04	3/4	3,155.44	3/4	2,795.63	3/4	2,435.81	3/4	2,075.90
9		9	4,551.46	9	4,314.28	9	4,059.17	9	3,793.00	9	3,505.66	9	3,147.95	9	2,788.13	9	2,428.31	9	2,068.42
1/4		1/4	4,546.73	1/4	4,309.18	1/4	4,053.69	1/4	3,787.45	1/4	3,498.27	1/4	3,140.45	1/4	2,780.64	1/4	2,420.81	1/4	2,060.93
1/2		1/2	4,541.94	1/2	4,304.02	1/2	4,048.18	1/2	3,781.90	1/2	3,490.89	1/2	3,132.95	1/2	2,773.14	1/2	2,413.31	1/2	2,053.44
3/4		3/4	4,537.15	3/4	4,298.87	3/4	4,042.67	3/4	3,776.34	3/4	3,483.50	3/4	3,125.46	3/4	2,765.65	3/4	2,405.80	3/4	2,045.95
10		10	4,532.35	10	4,293.72	10	4,037.16	10	3,770.79	10	3,476.12	10	3,117.96	10	2,758.15	10	2,398.30	10	2,038.46
1/4		1/4	4,527.56	1/4	4,288.57	1/4	4,031.66	1/4	3,765.24	1/4	3,468.73	1/4	3,110.47	1/4	2,750.65	1/4	2,390.80	1/4	2,030.97
1/2		1/2	4,522.74	1/2	4,283.38	1/2	4,026.12	1/2	3,759.69	1/2	3,461.35	1/2	3,102.97	1/2	2,743.16	1/2	2,383.29	1/2	2,023.48
3/4		3/4	4,517.92	3/4	4,278.18	3/4	4,020.59	3/4	3,754.14	3/4	3,453.96	3/4	3,095.47	3/4	2,735.66	3/4	2,375.79	3/4	2,015.99
11		11	4,513.10	11	4,272.99	11	4,015.05	11	3,748.58	11	3,446.57	11	3,087.98	11	2,728.17	11	2,368.29	11	2,008.50
1/4		1/4	4,508.28	1/4	4,267.79	1/4	4,009.52	1/4	3,743.03	1/4	3,439.19	1/4	3,080.48	1/4	2,720.67	1/4	2,360.78	1/4	2,001.01
1/2		1/2	4,503.43	1/2	4,262.57	1/2	4,003.97	1/2	3,737.48	1/2	3,431.80	1/2	3,072.99	1/2	2,713.17	1/2	2,353.28	1/2	1,993.53
3/4		3/4	4,498.58	3/4	4,257.34	3/4	3,998.42	3/4	3,731.93	3/4	3,424.42	3/4	3,065.49	3/4	2,705.68	3/4	2,345.77	3/4	1,986.04

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 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 29111"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 309

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	1,978.55	0	1,618.65	0	1,258.54	0	900.20	0	548.25	0	188.01	0		0		0		0	
1/4	1,971.06	1/4	1,611.14	1/4	1,251.04	1/4	892.90	1/4	540.74	1/4	180.51	1/4		1/4		1/4		1/4	
1/2	1,963.57	1/2	1,603.64	1/2	1,243.54	1/2	885.61	1/2	533.24	1/2	173.00	1/2		1/2		1/2		1/2	
3/4	1,956.08	3/4	1,596.14	3/4	1,236.03	3/4	878.32	3/4	525.73	3/4	165.50	3/4		3/4		3/4		3/4	
1	1,948.59	1	1,588.64	1	1,228.53	1	871.03	1	518.23	1	157.99	1		1		1		1	
1/4	1,941.10	1/4	1,581.14	1/4	1,221.03	1/4	863.75	1/4	510.72	1/4	150.48	1/4		1/4		1/4		1/4	
1/2	1,933.61	1/2	1,573.63	1/2	1,213.53	1/2	856.46	1/2	503.21	1/2	142.98	1/2		1/2		1/2		1/2	
3/4	1,926.12	3/4	1,566.13	3/4	1,206.02	3/4	849.17	3/4	495.71	3/4	135.47	3/4		3/4		3/4		3/4	
2	1,918.64	2	1,558.63	2	1,198.52	2	841.88	2	488.20	2	127.97	2		2		2		2	
1/4	1,911.15	1/4	1,551.13	1/4	1,191.02	1/4	834.59	1/4	480.70	1/4	120.46	1/4		1/4		1/4		1/4	
1/2	1,903.66	1/2	1,543.62	1/2	1,183.51	1/2	827.30	1/2	473.19	1/2	112.95	1/2		1/2		1/2		1/2	
3/4	1,896.17	3/4	1,536.12	3/4	1,176.01	3/4	820.01	3/4	465.69	3/4	105.45	3/4		3/4		3/4		3/4	
3	1,888.68	3	1,528.62	3	1,168.51	3	812.72	3	458.18	3	97.94	3		3		3		3	
1/4	1,881.19	1/4	1,521.12	1/4	1,161.01	1/4	805.44	1/4	450.68	1/4	90.44	1/4		1/4		1/4		1/4	
1/2	1,873.70	1/2	1,513.62	1/2	1,153.50	1/2	798.15	1/2	443.18	1/2	82.93	1/2		1/2		1/2		1/2	
3/4	1,866.20	3/4	1,506.11	3/4	1,146.00	3/4	790.86	3/4	435.67	3/4	75.42	3/4		3/4		3/4		3/4	
4	1,858.71	4	1,498.61	4	1,138.50	4	783.57	4	428.17	4	67.92	4		4		4		4	
1/4	1,851.21	1/4	1,491.11	1/4	1,131.00	1/4	776.28	1/4	420.67	1/4	60.41	1/4		1/4		1/4		1/4	
1/2	1,843.71	1/2	1,483.61	1/2	1,123.49	1/2	768.99	1/2	413.17	1/2	52.93	1/2		1/2		1/2		1/2	
3/4	1,836.21	3/4	1,476.10	3/4	1,115.99	3/4	761.71	3/4	405.67	3/4	45.45	3/4		3/4		3/4		3/4	
5	1,828.71	5	1,468.60	5	1,108.49	5	754.42	5	398.17	5	37.97	5		5		5		5	
1/4	1,821.21	1/4	1,461.10	1/4	1,100.99	1/4	747.13	1/4	390.67	1/4	30.46	1/4		1/4		1/4		1/4	
1/2	1,813.70	1/2	1,453.60	1/2	1,093.48	1/2	739.84	1/2	383.16	1/2	22.99	1/2		1/2		1/2		1/2	
3/4	1,806.20	3/4	1,446.10	3/4	1,085.98	3/4	732.56	3/4	375.66	3/4	15.48	3/4		3/4		3/4		3/4	
6	1,798.70	6	1,438.59	6	1,078.48	6	725.27	6	368.15	6	17.88	6		6		6		6	
1/4	1,791.20	1/4	1,431.09	1/4	1,070.97	1/4	717.99	1/4	360.65	1/4	12.87	1/4		1/4		1/4		1/4	
1/2	1,783.70	1/2	1,423.59	1/2	1,063.47	1/2	710.70	1/2	353.14	1/2	5.36	1/2		1/2		1/2		1/2	
3/4	1,776.19	3/4	1,416.09	3/4	1,055.97	3/4	703.41	3/4	345.64	3/4	-2.15	3/4		3/4		3/4		3/4	
7	1,768.69	7	1,408.59	7	1,048.47	7	696.12	7	338.13	7		7		7		7		7	
1/4	1,761.19	1/4	1,401.08	1/4	1,040.96	1/4	688.84	1/4	330.63	1/4		1/4		1/4		1/4		1/4	
1/2	1,753.69	1/2	1,393.58	1/2	1,033.46	1/2	681.54	1/2	323.12	1/2		1/2		1/2		1/2		1/2	
3/4	1,746.18	3/4	1,386.08	3/4	1,025.96	3/4	674.24	3/4	315.61	3/4		3/4		3/4		3/4		3/4	
8	1,738.68	8	1,378.58	8	1,018.46	8	666.95	8	308.11	8		8		8		8		8	
1/4	1,731.18	1/4	1,371.07	1/4	1,010.95	1/4	659.65	1/4	300.60	1/4		1/4		1/4		1/4		1/4	
1/2	1,723.68	1/2	1,363.57	1/2	1,003.45	1/2	652.34	1/2	293.10	1/2		1/2		1/2		1/2		1/2	
3/4	1,716.18	3/4	1,356.07	3/4	995.95	3/4	645.04	3/4	285.59	3/4		3/4		3/4		3/4		3/4	
9	1,708.67	9	1,348.57	9	988.44	9	637.73	9	278.08	9		9		9		9		9	
1/4	1,701.17	1/4	1,341.07	1/4	980.94	1/4	630.42	1/4	270.58	1/4		1/4		1/4		1/4		1/4	
1/2	1,693.67	1/2	1,333.56	1/2	973.54	1/2	623.01	1/2	263.07	1/2		1/2		1/2		1/2		1/2	
3/4	1,686.17	3/4	1,326.06	3/4	966.13	3/4	615.61	3/4	255.57	3/4		3/4		3/4		3/4		3/4	
10	1,678.66	10	1,318.56	10	958.72	10	608.20	10	248.06	10		10		10		10		10	
1/4	1,671.16	1/4	1,311.06	1/4	951.32	1/4	600.79	1/4	240.55	1/4		1/4		1/4		1/4		1/4	
1/2	1,663.66	1/2	1,303.55	1/2	944.01	1/2	593.29	1/2	233.05	1/2		1/2		1/2		1/2		1/2	
3/4	1,656.16	3/4	1,296.05	3/4	936.70	3/4	585.78	3/4	225.54	3/4		3/4		3/4		3/4		3/4	
11	1,648.66	11	1,288.55	11	929.39	11	578.27	11	218.04	11		11		11		11		11	
1/4	1,641.15	1/4	1,281.05	1/4	922.09	1/4	570.77	1/4	210.53	1/4		1/4		1/4		1/4		1/4	
1/2	1,633.65	1/2	1,273.55	1/2	914.79	1/2	563.26	1/2	203.02	1/2		1/2		1/2		1/2		1/2	
3/4	1,626.15	3/4	1,266.04	3/4	907.49	3/4	555.76	3/4	195.52	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/27/2022 JS
CALCULATED: 04/27/2022 SW
RENAMED: 05/02/2022 CL

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2022



BARGE "CTC 29111"

3 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 309

GAUGE HEIGHT 15'-06"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0	4,712.10	0	4,482.04	0	4,238.75	0	3,977.89	0	3,710.08	0	3,397.72	0	3,037.93	0	2,677.48	0	2,317.07
1/4		1/4	4,708.88	1/4	4,477.13	1/4	4,233.47	1/4	3,972.31	1/4	3,704.50	1/4	3,390.32	1/4	3,030.42	1/4	2,669.97	1/4	2,309.55
1/2		1/2	4,705.66	1/2	4,472.23	1/2	4,228.19	1/2	3,966.73	1/2	3,698.92	1/2	3,382.92	1/2	3,022.91	1/2	2,662.46	1/2	2,302.03
3/4		3/4	4,702.44	3/4	4,467.32	3/4	4,222.91	3/4	3,961.15	3/4	3,693.34	3/4	3,375.52	3/4	3,015.40	3/4	2,654.95	3/4	2,294.51
1		1	4,699.22	1	4,462.42	1	4,217.64	1	3,955.57	1	3,687.76	1	3,368.12	1	3,007.89	1	2,647.44	1	2,286.99
1/4		1/4	4,694.58	1/4	4,457.48	1/4	4,212.33	1/4	3,949.99	1/4	3,682.18	1/4	3,360.67	1/4	3,000.38	1/4	2,639.93	1/4	2,279.47
1/2		1/2	4,689.95	1/2	4,452.55	1/2	4,207.02	1/2	3,944.41	1/2	3,676.60	1/2	3,353.21	1/2	2,992.87	1/2	2,632.43	1/2	2,271.95
3/4		3/4	4,685.31	3/4	4,447.62	3/4	4,201.71	3/4	3,938.83	3/4	3,671.02	3/4	3,345.76	3/4	2,985.36	3/4	2,624.92	3/4	2,264.43
2		2	4,680.68	2	4,442.69	2	4,196.40	2	3,933.25	2	3,665.44	2	3,338.31	2	2,977.85	2	2,617.41	2	2,256.91
1/4		1/4	4,675.29	1/4	4,437.72	1/4	4,191.07	1/4	3,927.67	1/4	3,659.87	1/4	3,330.80	1/4	2,970.34	1/4	2,609.91	1/4	2,249.39
1/2		1/2	4,669.91	1/2	4,432.76	1/2	4,185.73	1/2	3,922.09	1/2	3,654.29	1/2	3,323.29	1/2	2,962.84	1/2	2,602.41	1/2	2,241.87
3/4		3/4	4,664.52	3/4	4,427.80	3/4	4,180.39	3/4	3,916.51	3/4	3,648.71	3/4	3,315.78	3/4	2,955.33	3/4	2,594.90	3/4	2,234.35
3		3	4,659.13	3	4,422.84	3	4,175.06	3	3,910.93	3	3,643.13	3	3,308.27	3	2,947.82	3	2,587.40	3	2,226.83
1/4		1/4	4,653.65	1/4	4,417.85	1/4	4,169.69	1/4	3,905.35	1/4	3,637.55	1/4	3,300.76	1/4	2,940.31	1/4	2,579.89	1/4	2,219.31
1/2		1/2	4,648.17	1/2	4,412.86	1/2	4,164.33	1/2	3,899.78	1/2	3,631.97	1/2	3,293.25	1/2	2,932.80	1/2	2,572.39	1/2	2,211.80
3/4		3/4	4,642.69	3/4	4,407.87	3/4	4,158.96	3/4	3,894.20	3/4	3,626.39	3/4	3,285.74	3/4	2,925.29	3/4	2,564.88	3/4	2,204.29
4		4	4,637.21	4	4,402.88	4	4,153.59	4	3,888.62	4	3,620.81	4	3,278.23	4	2,917.78	4	2,557.38	4	2,196.78
1/4		1/4	4,631.94	1/4	4,397.86	1/4	4,148.20	1/4	3,883.04	1/4	3,615.23	1/4	3,270.72	1/4	2,910.27	1/4	2,549.88	1/4	2,189.28
1/2		1/2	4,626.67	1/2	4,392.84	1/2	4,142.81	1/2	3,877.46	1/2	3,609.65	1/2	3,263.21	1/2	2,902.76	1/2	2,542.37	1/2	2,181.77
3/4		3/4	4,621.39	3/4	4,387.82	3/4	4,137.41	3/4	3,871.88	3/4	3,604.07	3/4	3,255.70	3/4	2,895.25	3/4	2,534.87	3/4	2,174.27
5		5	4,616.12	5	4,382.80	5	4,132.02	5	3,866.30	5	3,598.49	5	3,248.19	5	2,887.74	5	2,527.36	5	2,166.76
1/4		1/4	4,611.27	1/4	4,377.75	1/4	4,126.60	1/4	3,860.72	1/4	3,592.43	1/4	3,240.68	1/4	2,880.23	1/4	2,519.86	1/4	2,159.26
1/2		1/2	4,606.41	1/2	4,372.71	1/2	4,121.18	1/2	3,855.14	1/2	3,586.36	1/2	3,233.17	1/2	2,872.72	1/2	2,512.36	1/2	2,151.76
3/4		3/4	4,601.55	3/4	4,367.66	3/4	4,115.75	3/4	3,849.56	3/4	3,580.29	3/4	3,225.66	3/4	2,865.21	3/4	2,504.85	3/4	2,144.25
6		6	4,596.70	6	4,362.61	6	4,110.33	6	3,843.98	6	3,574.22	6	3,218.15	6	2,857.70	6	2,497.35	6	2,136.75
1/4		1/4	4,592.03	1/4	4,357.54	1/4	4,104.88	1/4	3,838.40	1/4	3,567.19	1/4	3,210.65	1/4	2,850.19	1/4	2,489.84	1/4	2,129.24
1/2		1/2	4,587.36	1/2	4,352.46	1/2	4,099.43	1/2	3,832.82	1/2	3,560.15	1/2	3,203.14	1/2	2,842.68	1/2	2,482.34	1/2	2,121.74
3/4		3/4	4,582.69	3/4	4,347.38	3/4	4,093.98	3/4	3,827.24	3/4	3,553.11	3/4	3,195.63	3/4	2,835.18	3/4	2,474.84	3/4	2,114.24
7		7	4,578.02	7	4,342.31	7	4,088.53	7	3,821.66	7	3,546.07	7	3,188.12	7	2,827.67	7	2,467.33	7	2,106.73
1/4		1/4	4,573.33	1/4	4,337.20	1/4	4,083.05	1/4	3,816.09	1/4	3,538.61	1/4	3,180.61	1/4	2,820.16	1/4	2,459.83	1/4	2,099.28
1/2		1/2	4,568.63	1/2	4,332.10	1/2	4,077.57	1/2	3,810.51	1/2	3,531.14	1/2	3,173.10	1/2	2,812.65	1/2	2,452.32	1/2	2,091.82
3/4		3/4	4,563.93	3/4	4,327.00	3/4	4,072.09	3/4	3,804.93	3/4	3,523.68	3/4	3,165.59	3/4	2,805.14	3/4	2,444.82	3/4	2,084.36
8		8	4,559.24	8	4,321.89	8	4,066.61	8	3,799.35	8	3,516.21	8	3,158.08	8	2,797.63	8	2,437.32	8	2,076.91
1/4		1/4	4,554.48	1/4	4,316.76	1/4	4,061.10	1/4	3,793.77	1/4	3,508.80	1/4	3,150.57	1/4	2,790.12	1/4	2,429.81	1/4	2,069.50
1/2		1/2	4,549.72	1/2	4,311.63	1/2	4,055.59	1/2	3,788.19	1/2	3,501.39	1/2	3,143.06	1/2	2,782.61	1/2	2,422.30	1/2	2,062.09
3/4		3/4	4,544.96	3/4	4,306.49	3/4	4,050.09	3/4	3,782.61	3/4	3,493.98	3/4	3,135.55	3/4	2,775.10	3/4	2,414.79	3/4	2,054.68
9		9	4,540.21	9	4,301.36	9	4,044.58	9	3,777.03	9	3,486.57	9	3,128.04	9	2,767.59	9	2,407.28	9	2,047.27
1/4		1/4	4,535.39	1/4	4,296.18	1/4	4,039.04	1/4	3,771.45	1/4	3,479.16	1/4	3,120.53	1/4	2,760.08	1/4	2,399.77	1/4	2,039.86
1/2		1/2	4,530.57	1/2	4,291.00	1/2	4,033.50	1/2	3,765.87	1/2	3,471.75	1/2	3,113.02	1/2	2,752.57	1/2	2,392.26	1/2	2,032.45
3/4		3/4	4,525.75	3/4	4,285.83	3/4	4,027.97	3/4	3,760.29	3/4	3,464.34	3/4	3,105.51	3/4	2,745.06	3/4	2,384.74	3/4	2,025.04
10		10	4,520.93	10	4,280.65	10	4,022.43	10	3,754.71	10	3,456.93	10	3,098.00	10	2,737.55	10	2,377.23	10	2,017.63
1/4		1/4	4,516.08	1/4	4,275.43	1/4	4,016.87	1/4	3,749.13	1/4	3,449.53	1/4	3,090.50	1/4	2,730.04	1/4	2,369.71	1/4	2,010.22
1/2		1/2	4,511.24	1/2	4,270.20	1/2	4,011.31	1/2	3,743.55	1/2	3,442.12	1/2	3,082.99	1/2	2,722.53	1/2	2,362.19	1/2	2,002.80
3/4		3/4	4,506.39	3/4	4,264.98	3/4	4,005.75	3/4	3,737.98	3/4	3,434.72	3/4	3,075.48	3/4	2,715.03	3/4	2,354.67	3/4	1,995.39
11		11	4,501.54	11	4,259.76	11	4,000.19	11	3,732.40	11	3,427.31	11	3,067.97	11	2,707.52	11	2,347.15	11	1,987.98
1/4		1/4	4,496.66	1/4	4,254.51	1/4	3,994.61	1/4	3,726.82	1/4	3,419.91	1/4	3,060.46	1/4	2,700.01	1/4	2,339.63	1/4	1,980.57
1/2		1/2	4,491.79	1/2	4,249.26	1/2	3,989.04	1/2	3,721.24	1/2	3,412.51	1/2	3,052.95	1/2	2,692.50	1/2	2,332.11	1/2	1,973.16
3/4		3/4	4,486.91	3/4	4,244.00	3/4	3,983.46	3/4	3,715.66	3/4	3,405.12	3/4	3,045.44	3/4	2,684.99	3/4	2,324.59	3/4	1,965.75

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO 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 29111"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 309

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	1,958.34	0	1,600.58	0	1,239.93	0	884.16	0	542.13	0	181.11	0		0		0		0	
1/4	1,950.93	1/4	1,593.07	1/4	1,232.41	1/4	877.15	1/4	534.60	1/4	173.59	1/4		1/4		1/4		1/4	
1/2	1,943.52	1/2	1,585.56	1/2	1,224.90	1/2	870.14	1/2	527.08	1/2	166.06	1/2		1/2		1/2		1/2	
3/4	1,936.11	3/4	1,578.04	3/4	1,217.38	3/4	863.13	3/4	519.56	3/4	158.54	3/4		3/4		3/4		3/4	
1	1,928.70	1	1,570.53	1	1,209.87	1	856.12	1	512.04	1	151.02	1		1		1		1	
1/4	1,921.29	1/4	1,563.01	1/4	1,202.36	1/4	849.10	1/4	504.51	1/4	143.49	1/4		1/4		1/4		1/4	
1/2	1,913.88	1/2	1,555.50	1/2	1,194.84	1/2	842.09	1/2	496.99	1/2	135.96	1/2		1/2		1/2		1/2	
3/4	1,906.47	3/4	1,547.99	3/4	1,187.33	3/4	835.07	3/4	489.47	3/4	128.44	3/4		3/4		3/4		3/4	
2	1,899.06	2	1,540.47	2	1,179.81	2	828.06	2	481.95	2	120.91	2		2		2		2	
1/4	1,891.65	1/4	1,532.96	1/4	1,172.30	1/4	821.04	1/4	474.43	1/4	113.37	1/4		1/4		1/4		1/4	
1/2	1,884.24	1/2	1,525.45	1/2	1,164.78	1/2	814.03	1/2	466.91	1/2	105.84	1/2		1/2		1/2		1/2	
3/4	1,876.83	3/4	1,517.93	3/4	1,157.27	3/4	807.01	3/4	459.39	3/4	98.31	3/4		3/4		3/4		3/4	
3	1,869.42	3	1,510.42	3	1,149.75	3	800.00	3	451.87	3	90.77	3		3		3		3	
1/4	1,862.00	1/4	1,502.91	1/4	1,142.23	1/4	792.98	1/4	444.35	1/4	83.24	1/4		1/4		1/4		1/4	
1/2	1,854.59	1/2	1,495.39	1/2	1,134.72	1/2	785.97	1/2	436.83	1/2	75.70	1/2		1/2		1/2		1/2	
3/4	1,847.17	3/4	1,487.88	3/4	1,127.20	3/4	778.95	3/4	429.31	3/4	68.17	3/4		3/4		3/4		3/4	
4	1,839.75	4	1,480.37	4	1,119.68	4	771.93	4	421.79	4	60.64	4		4		4		4	
1/4	1,832.33	1/4	1,472.85	1/4	1,112.17	1/4	764.92	1/4	414.28	1/4	53.11	1/4		1/4		1/4		1/4	
1/2	1,824.91	1/2	1,465.34	1/2	1,104.66	1/2	757.91	1/2	406.76	1/2	45.58	1/2		1/2		1/2		1/2	
3/4	1,817.48	3/4	1,457.82	3/4	1,097.14	3/4	750.89	3/4	399.24	3/4	38.05	3/4		3/4		3/4		3/4	
5	1,810.06	5	1,450.31	5	1,089.63	5	743.88	5	391.72	5	30.51	5		5		5		5	
1/4	1,802.64	1/4	1,442.80	1/4	1,082.12	1/4	736.87	1/4	384.20	1/4	22.98	1/4		1/4		1/4		1/4	
1/2	1,795.21	1/2	1,435.28	1/2	1,074.61	1/2	729.85	1/2	376.68	1/2	15.45	1/2		1/2		1/2		1/2	
3/4	1,787.79	3/4	1,427.77	3/4	1,067.10	3/4	722.84	3/4	369.16	3/4	7.92	3/4		3/4		3/4		3/4	
6	1,780.37	6	1,420.26	6	1,059.60	6	715.83	6	361.64	6	12.92	6		6		6		6	
1/4	1,772.94	1/4	1,412.74	1/4	1,052.09	1/4	708.82	1/4	354.12	1/4	6.39	1/4		1/4		1/4		1/4	
1/2	1,765.52	1/2	1,405.23	1/2	1,044.58	1/2	701.80	1/2	346.60	1/2	0.86	1/2		1/2		1/2		1/2	
3/4	1,758.10	3/4	1,397.72	3/4	1,037.07	3/4	694.79	3/4	339.07	3/4	0.33	3/4		3/4		3/4		3/4	
7	1,750.67	7	1,390.20	7	1,029.56	7	687.77	7	331.55	7		7		7		7		7	
1/4	1,743.21	1/4	1,382.69	1/4	1,022.05	1/4	680.74	1/4	324.03	1/4		1/4		1/4		1/4		1/4	
1/2	1,735.74	1/2	1,375.17	1/2	1,014.55	1/2	673.71	1/2	316.51	1/2		1/2		1/2		1/2		1/2	
3/4	1,728.27	3/4	1,367.66	3/4	1,007.04	3/4	666.68	3/4	308.99	3/4		3/4		3/4		3/4		3/4	
8	1,720.80	8	1,360.15	8	999.53	8	659.65	8	301.46	8		8		8		8		8	
1/4	1,713.29	1/4	1,352.63	1/4	992.02	1/4	652.60	1/4	293.94	1/4		1/4		1/4		1/4		1/4	
1/2	1,705.77	1/2	1,345.12	1/2	984.51	1/2	645.55	1/2	286.42	1/2		1/2		1/2		1/2		1/2	
3/4	1,698.26	3/4	1,337.61	3/4	977.00	3/4	638.50	3/4	278.90	3/4		3/4		3/4		3/4		3/4	
9	1,690.75	9	1,330.09	9	969.49	9	631.45	9	271.37	9		9		9		9		9	
1/4	1,683.23	1/4	1,322.58	1/4	962.22	1/4	624.17	1/4	263.85	1/4		1/4		1/4		1/4		1/4	
1/2	1,675.72	1/2	1,315.07	1/2	954.94	1/2	616.88	1/2	256.33	1/2		1/2		1/2		1/2		1/2	
3/4	1,668.21	3/4	1,307.55	3/4	947.67	3/4	609.59	3/4	248.81	3/4		3/4		3/4		3/4		3/4	
10	1,660.69	10	1,300.04	10	940.39	10	602.30	10	241.29	10		10		10		10		10	
1/4	1,653.18	1/4	1,292.52	1/4	933.35	1/4	594.78	1/4	233.76	1/4		1/4		1/4		1/4		1/4	
1/2	1,645.66	1/2	1,285.01	1/2	926.32	1/2	587.26	1/2	226.24	1/2		1/2		1/2		1/2		1/2	
3/4	1,638.15	3/4	1,277.50	3/4	919.28	3/4	579.74	3/4	218.72	3/4		3/4		3/4		3/4		3/4	
11	1,630.64	11	1,269.98	11	912.24	11	572.21	11	211.20	11		11		11		11		11	
1/4	1,623.12	1/4	1,262.47	1/4	905.22	1/4	564.69	1/4	203.68	1/4		1/4		1/4		1/4		1/4	
1/2	1,615.61	1/2	1,254.96	1/2	898.20	1/2	557.17	1/2	196.15	1/2		1/2		1/2		1/2		1/2	
3/4	1,608.10	3/4	1,247.44	3/4	891.18	3/4	549.65	3/4	188.63	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/27/2022 JS
CALCULATED: 04/27/2022 SW
RENAMED: 05/02/2022 CL

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2022