



BARGE "CTC 29110"

INNAGE TRIM TABLE
FORMERLY: BKF 308

	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 29110"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 308

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	10.17	0	260.35	0	542.81	0	847.60	0	1,174.42	0	1,506.34	0	1,838.25	0	2,170.11	0	2,501.90	0	2,833.68
1/4	13.51	1/4	266.02	1/4	548.93	1/4	854.22	1/4	1,181.34	1/4	1,513.25	1/4	1,845.17	1/4	2,177.02	1/4	2,508.81	1/4	2,840.59
1/2	16.84	1/2	271.69	1/2	555.05	1/2	860.84	1/2	1,188.25	1/2	1,520.17	1/2	1,852.08	1/2	2,183.94	1/2	2,515.72	1/2	2,847.51
3/4	20.17	3/4	277.36	3/4	561.17	3/4	867.45	3/4	1,195.17	3/4	1,527.08	3/4	1,859.00	3/4	2,190.85	3/4	2,522.63	3/4	2,854.42
1	23.50	1	283.03	1	567.29	1	874.07	1	1,202.08	1	1,534.00	1	1,865.91	1	2,197.76	1	2,529.55	1	2,861.33
1/4	28.17	1/4	288.74	1/4	573.46	1/4	880.73	1/4	1,209.00	1/4	1,540.91	1/4	1,872.83	1/4	2,204.67	1/4	2,536.46	1/4	2,868.24
1/2	32.83	1/2	294.45	1/2	579.62	1/2	887.39	1/2	1,215.91	1/2	1,547.83	1/2	1,879.74	1/2	2,211.58	1/2	2,543.37	1/2	2,875.16
3/4	37.49	3/4	300.15	3/4	585.78	3/4	894.05	3/4	1,222.83	3/4	1,554.74	3/4	1,886.66	3/4	2,218.50	3/4	2,550.28	3/4	2,882.07
2	42.15	2	305.86	2	591.94	2	900.71	2	1,229.74	2	1,561.66	2	1,893.57	2	2,225.41	2	2,557.19	2	2,888.98
1/4	47.43	1/4	311.61	1/4	598.14	1/4	907.41	1/4	1,236.66	1/4	1,568.57	1/4	1,900.49	1/4	2,232.32	1/4	2,564.11	1/4	2,895.89
1/2	52.71	1/2	317.35	1/2	604.35	1/2	914.10	1/2	1,243.57	1/2	1,575.49	1/2	1,907.40	1/2	2,239.23	1/2	2,571.02	1/2	2,902.80
3/4	57.98	3/4	323.10	3/4	610.55	3/4	920.80	3/4	1,250.49	3/4	1,582.40	3/4	1,914.32	3/4	2,246.15	3/4	2,577.93	3/4	2,909.72
3	63.26	3	328.85	3	616.75	3	927.50	3	1,257.40	3	1,589.32	3	1,921.23	3	2,253.06	3	2,584.84	3	2,916.63
1/4	68.58	1/4	334.63	1/4	622.99	1/4	934.24	1/4	1,264.32	1/4	1,596.23	1/4	1,928.15	1/4	2,259.97	1/4	2,591.76	1/4	2,923.54
1/2	73.89	1/2	340.42	1/2	629.24	1/2	940.97	1/2	1,271.23	1/2	1,603.15	1/2	1,935.06	1/2	2,266.88	1/2	2,598.67	1/2	2,930.45
3/4	79.21	3/4	346.21	3/4	635.48	3/4	947.71	3/4	1,278.15	3/4	1,610.06	3/4	1,941.98	3/4	2,273.79	3/4	2,605.58	3/4	2,937.37
4	84.53	4	352.00	4	641.72	4	954.45	4	1,285.06	4	1,616.98	4	1,948.89	4	2,280.71	4	2,612.49	4	2,944.28
1/4	89.88	1/4	357.83	1/4	648.00	1/4	961.22	1/4	1,291.97	1/4	1,623.89	1/4	1,955.81	1/4	2,287.62	1/4	2,619.40	1/4	2,951.19
1/2	95.24	1/2	363.66	1/2	654.28	1/2	968.00	1/2	1,298.89	1/2	1,630.81	1/2	1,962.72	1/2	2,294.53	1/2	2,626.32	1/2	2,958.11
3/4	100.60	3/4	369.49	3/4	660.56	3/4	974.78	3/4	1,305.80	3/4	1,637.72	3/4	1,969.64	3/4	2,301.44	3/4	2,633.23	3/4	2,965.02
5	105.95	5	375.32	5	666.84	5	981.56	5	1,312.72	5	1,644.63	5	1,976.55	5	2,308.36	5	2,640.14	5	2,971.93
1/4	111.35	1/4	381.19	1/4	673.17	1/4	988.37	1/4	1,319.63	1/4	1,651.55	1/4	1,983.46	1/4	2,315.27	1/4	2,647.05	1/4	2,978.84
1/2	116.75	1/2	387.06	1/2	679.49	1/2	995.19	1/2	1,326.55	1/2	1,658.46	1/2	1,990.38	1/2	2,322.18	1/2	2,653.97	1/2	2,985.76
3/4	122.14	3/4	392.93	3/4	685.81	3/4	1,002.00	3/4	1,333.46	3/4	1,665.38	3/4	1,997.29	3/4	2,329.09	3/4	2,660.88	3/4	2,992.67
6	127.54	6	398.80	6	692.13	6	1,008.82	6	1,340.38	6	1,672.29	6	2,004.21	6	2,336.00	6	2,667.79	6	2,999.58
1/4	132.97	1/4	404.71	1/4	698.50	1/4	1,015.68	1/4	1,347.29	1/4	1,679.21	1/4	2,011.12	1/4	2,342.92	1/4	2,674.70	1/4	3,006.49
1/2	138.41	1/2	410.61	1/2	704.86	1/2	1,022.53	1/2	1,354.21	1/2	1,686.12	1/2	2,018.04	1/2	2,349.83	1/2	2,681.61	1/2	3,013.41
3/4	143.84	3/4	416.52	3/4	711.23	3/4	1,029.39	3/4	1,361.12	3/4	1,693.04	3/4	2,024.95	3/4	2,356.74	3/4	2,688.53	3/4	3,020.32
7	149.28	7	422.43	7	717.60	7	1,036.24	7	1,368.04	7	1,699.95	7	2,031.87	7	2,363.65	7	2,695.44	7	3,027.23
1/4	154.75	1/4	428.38	1/4	724.02	1/4	1,043.13	1/4	1,374.95	1/4	1,706.87	1/4	2,038.78	1/4	2,370.57	1/4	2,702.35	1/4	3,034.14
1/2	160.23	1/2	434.33	1/2	730.44	1/2	1,050.02	1/2	1,381.87	1/2	1,713.78	1/2	2,045.69	1/2	2,377.48	1/2	2,709.26	1/2	3,041.05
3/4	165.70	3/4	440.28	3/4	736.85	3/4	1,056.91	3/4	1,388.78	3/4	1,720.70	3/4	2,052.60	3/4	2,384.39	3/4	2,716.18	3/4	3,047.97
8	171.18	8	446.22	8	743.27	8	1,063.80	8	1,395.70	8	1,727.61	8	2,059.52	8	2,391.30	8	2,723.09	8	3,054.88
1/4	176.69	1/4	452.21	1/4	749.73	1/4	1,070.71	1/4	1,402.61	1/4	1,734.53	1/4	2,066.43	1/4	2,398.21	1/4	2,730.00	1/4	3,061.79
1/2	182.20	1/2	458.20	1/2	756.20	1/2	1,077.62	1/2	1,409.53	1/2	1,741.44	1/2	2,073.34	1/2	2,405.13	1/2	2,736.91	1/2	3,068.70
3/4	187.72	3/4	464.19	3/4	762.66	3/4	1,084.53	3/4	1,416.44	3/4	1,748.36	3/4	2,080.25	3/4	2,412.04	3/4	2,743.82	3/4	3,075.61
9	193.23	9	470.18	9	769.12	9	1,091.44	9	1,423.36	9	1,755.27	9	2,087.16	9	2,418.95	9	2,750.74	9	3,082.53
1/4	198.79	1/4	476.20	1/4	775.62	1/4	1,098.36	1/4	1,430.27	1/4	1,762.19	1/4	2,094.08	1/4	2,425.86	1/4	2,757.65	1/4	3,089.44
1/2	204.34	1/2	482.22	1/2	782.12	1/2	1,105.27	1/2	1,437.19	1/2	1,769.10	1/2	2,100.99	1/2	2,432.77	1/2	2,764.56	1/2	3,096.35
3/4	209.89	3/4	488.25	3/4	788.62	3/4	1,112.19	3/4	1,444.10	3/4	1,776.02	3/4	2,107.90	3/4	2,439.69	3/4	2,771.47	3/4	3,103.26
10	215.45	10	494.27	10	795.12	10	1,119.10	10	1,451.02	10	1,782.93	10	2,114.81	10	2,446.60	10	2,778.38	10	3,110.17
1/4	221.00	1/4	500.32	1/4	801.66	1/4	1,126.02	1/4	1,457.93	1/4	1,789.85	1/4	2,121.73	1/4	2,453.51	1/4	2,785.30	1/4	3,117.09
1/2	226.63	1/2	506.38	1/2	808.20	1/2	1,132.93	1/2	1,464.85	1/2	1,796.76	1/2	2,128.64	1/2	2,460.42	1/2	2,792.21	1/2	3,124.00
3/4	232.23	3/4	512.43	3/4	814.74	3/4	1,139.85	3/4	1,471.76	3/4	1,803.68	3/4	2,135.55	3/4	2,467.34	3/4	2,799.12	3/4	3,130.91
11	237.82	11	518.48	11	821.28	11	1,146.76	11	1,478.68	11	1,810.59	11	2,142.46	11	2,474.25	11	2,806.03	11	3,137.82
1/4	243.45	1/4	524.56	1/4	827.86	1/4	1,153.68	1/4	1,485.59	1/4	1,817.51	1/4	2,149.37	1/4	2,481.16	1/4	2,812.95	1/4	3,144.73
1/2	249.09	1/2	530.65	1/2	834.44	1/2	1,160.59	1/2	1,492.51	1/2	1,824.42	1/2	2,156.29	1/2	2,488.07	1/2	2,819.86	1/2	3,151.65
3/4	254.72	3/4	536.73	3/4	841.02	3/4	1,167.51	3/4	1,499.42	3/4	1,831.34	3/4	2,163.20	3/4	2,494.98	3/4	2,826.77	3/4	3,158.56

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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Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTC 29110"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 308

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	3,165.47	0	3,497.25	0	3,827.70	0	4,145.06	0	4,445.95	0		0		0		0		0	
1/4	3,172.38	1/4	3,504.16	1/4	3,834.46	1/4	4,151.47	1/4	4,452.25	1/4		1/4		1/4		1/4		1/4	
1/2	3,179.30	1/2	3,511.08	1/2	3,841.23	1/2	4,157.89	1/2	4,458.55	1/2		1/2		1/2		1/2		1/2	
3/4	3,186.21	3/4	3,517.99	3/4	3,848.00	3/4	4,164.30	3/4	4,464.84	3/4		3/4		3/4		3/4		3/4	
1	3,193.12	1	3,524.90	1	3,854.77	1	4,170.71	1	4,471.14	1		1		1		1		1	
1/4	3,200.03	1/4	3,531.81	1/4	3,861.51	1/4	4,177.10	1/4	4,477.82	1/4		1/4		1/4		1/4		1/4	
1/2	3,206.94	1/2	3,538.72	1/2	3,868.25	1/2	4,183.49	1/2	4,484.50	1/2		1/2		1/2		1/2		1/2	
3/4	3,213.86	3/4	3,545.64	3/4	3,874.99	3/4	4,189.87	3/4	4,491.18	3/4		3/4		3/4		3/4		3/4	
2	3,220.77	2	3,552.55	2	3,881.73	2	4,196.26	2	4,497.86	2		2		2		2		2	
1/4	3,227.68	1/4	3,559.46	1/4	3,888.45	1/4	4,202.62	1/4	4,504.73	1/4		1/4		1/4		1/4		1/4	
1/2	3,234.59	1/2	3,566.37	1/2	3,895.16	1/2	4,208.98	1/2	4,511.60	1/2		1/2		1/2		1/2		1/2	
3/4	3,241.50	3/4	3,573.29	3/4	3,901.88	3/4	4,215.34	3/4	4,518.47	3/4		3/4		3/4		3/4		3/4	
3	3,248.42	3	3,580.20	3	3,908.59	3	4,221.70	3	4,525.35	3		3		3		3		3	
1/4	3,255.33	1/4	3,587.11	1/4	3,915.28	1/4	4,228.03	1/4	4,532.13	1/4		1/4		1/4		1/4		1/4	
1/2	3,262.24	1/2	3,594.02	1/2	3,921.97	1/2	4,234.37	1/2	4,538.92	1/2		1/2		1/2		1/2		1/2	
3/4	3,269.15	3/4	3,600.93	3/4	3,928.66	3/4	4,240.70	3/4	4,545.70	3/4		3/4		3/4		3/4		3/4	
4	3,276.06	4	3,607.85	4	3,935.35	4	4,247.04	4	4,552.49	4		4		4		4		4	
1/4	3,282.98	1/4	3,614.76	1/4	3,942.01	1/4	4,253.34	1/4	4,558.58	1/4		1/4		1/4		1/4		1/4	
1/2	3,289.89	1/2	3,621.67	1/2	3,948.68	1/2	4,259.65	1/2	4,564.68	1/2		1/2		1/2		1/2		1/2	
3/4	3,296.80	3/4	3,628.58	3/4	3,955.34	3/4	4,265.96	3/4	4,570.77	3/4		3/4		3/4		3/4		3/4	
5	3,303.71	5	3,635.49	5	3,962.00	5	4,272.27	5	4,576.87	5		5		5		5		5	
1/4	3,310.63	1/4	3,642.41	1/4	3,968.64	1/4	4,278.55	1/4	4,581.66	1/4		1/4		1/4		1/4		1/4	
1/2	3,317.54	1/2	3,649.32	1/2	3,975.27	1/2	4,284.83	1/2	4,586.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,324.45	3/4	3,656.23	3/4	3,981.91	3/4	4,291.11	3/4	4,591.26	3/4		3/4		3/4		3/4		3/4	
6	3,331.36	6	3,663.14	6	3,988.55	6	4,297.40	6	4,596.06	6		6		6		6		6	
1/4	3,338.27	1/4	3,670.05	1/4	3,995.16	1/4	4,303.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,345.19	1/2	3,676.96	1/2	4,001.77	1/2	4,309.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,352.10	3/4	3,683.87	3/4	4,008.38	3/4	4,316.16	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,359.01	7	3,690.78	7	4,014.99	7	4,322.42	7		7		7		7		7		7	
1/4	3,365.92	1/4	3,697.68	1/4	4,021.57	1/4	4,328.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,372.83	1/2	3,704.57	1/2	4,028.16	1/2	4,334.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,379.75	3/4	3,711.47	3/4	4,034.74	3/4	4,341.10	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,386.66	8	3,718.36	8	4,041.32	8	4,347.33	8		8		8		8		8		8	
1/4	3,393.57	1/4	3,725.24	1/4	4,047.86	1/4	4,353.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,400.48	1/2	3,732.11	1/2	4,054.40	1/2	4,359.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,407.39	3/4	3,738.98	3/4	4,060.94	3/4	4,365.94	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,414.31	9	3,745.85	9	4,067.48	9	4,372.14	9		9		9		9		9		9	
1/4	3,421.22	1/4	3,752.70	1/4	4,073.97	1/4	4,378.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,428.13	1/2	3,759.55	1/2	4,080.46	1/2	4,384.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,435.04	3/4	3,766.39	3/4	4,086.95	3/4	4,390.67	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,441.96	10	3,773.24	10	4,093.44	10	4,396.85	10		10		10		10		10		10	
1/4	3,448.87	1/4	3,780.06	1/4	4,099.91	1/4	4,403.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,455.78	1/2	3,786.88	1/2	4,106.37	1/2	4,409.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,462.69	3/4	3,793.70	3/4	4,112.84	3/4	4,415.30	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,469.60	11	3,800.52	11	4,119.30	11	4,421.45	11		11		11		11		11		11	
1/4	3,476.52	1/4	3,807.31	1/4	4,125.74	1/4	4,427.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,483.43	1/2	3,814.11	1/2	4,132.18	1/2	4,433.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,490.34	3/4	3,820.90	3/4	4,138.62	3/4	4,439.83	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/22/2022 CL
CALCULATED: 03/22/2022 CL
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 29110"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 308

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	10.14	0	259.45	0	540.96	0	844.26	0	1,169.46	0	1,500.28	0	1,831.11	0	2,161.89	0	2,492.59	0	2,823.30
1/4	13.46	1/4	265.10	1/4	547.06	1/4	850.84	1/4	1,176.35	1/4	1,507.18	1/4	1,838.00	1/4	2,168.78	1/4	2,499.48	1/4	2,830.19
1/2	16.78	1/2	270.75	1/2	553.16	1/2	857.41	1/2	1,183.24	1/2	1,514.07	1/2	1,844.89	1/2	2,175.67	1/2	2,506.37	1/2	2,837.07
3/4	20.10	3/4	276.41	3/4	559.26	3/4	863.99	3/4	1,190.13	3/4	1,520.96	3/4	1,851.79	3/4	2,182.56	3/4	2,513.26	3/4	2,843.96
1	23.42	1	282.06	1	565.36	1	870.56	1	1,197.03	1	1,527.85	1	1,858.68	1	2,189.45	1	2,520.15	1	2,850.85
1/4	28.07	1/4	287.74	1/4	571.50	1/4	877.18	1/4	1,203.92	1/4	1,534.74	1/4	1,865.57	1/4	2,196.34	1/4	2,527.04	1/4	2,857.74
1/2	32.71	1/2	293.43	1/2	577.64	1/2	883.79	1/2	1,210.81	1/2	1,541.64	1/2	1,872.46	1/2	2,203.23	1/2	2,533.93	1/2	2,864.63
3/4	37.36	3/4	299.12	3/4	583.78	3/4	890.41	3/4	1,217.70	3/4	1,548.53	3/4	1,879.35	3/4	2,210.12	3/4	2,540.82	3/4	2,871.52
2	42.00	2	304.81	2	589.92	2	897.03	2	1,224.60	2	1,555.42	2	1,886.25	2	2,217.01	2	2,547.71	2	2,878.41
1/4	47.26	1/4	310.53	1/4	596.10	1/4	903.68	1/4	1,231.49	1/4	1,562.31	1/4	1,893.14	1/4	2,223.90	1/4	2,554.60	1/4	2,885.30
1/2	52.52	1/2	316.26	1/2	602.29	1/2	910.33	1/2	1,238.38	1/2	1,569.21	1/2	1,900.03	1/2	2,230.79	1/2	2,561.49	1/2	2,892.19
3/4	57.78	3/4	321.99	3/4	608.47	3/4	916.99	3/4	1,245.27	3/4	1,576.10	3/4	1,906.92	3/4	2,237.68	3/4	2,568.38	3/4	2,899.08
3	63.04	3	327.71	3	614.65	3	923.64	3	1,252.16	3	1,582.99	3	1,913.82	3	2,244.57	3	2,575.27	3	2,905.97
1/4	68.34	1/4	333.48	1/4	620.87	1/4	930.34	1/4	1,259.06	1/4	1,589.88	1/4	1,920.71	1/4	2,251.46	1/4	2,582.16	1/4	2,912.86
1/2	73.64	1/2	339.25	1/2	627.09	1/2	937.03	1/2	1,265.95	1/2	1,596.77	1/2	1,927.60	1/2	2,258.35	1/2	2,589.05	1/2	2,919.75
3/4	78.94	3/4	345.02	3/4	633.31	3/4	943.72	3/4	1,272.84	3/4	1,603.67	3/4	1,934.49	3/4	2,265.24	3/4	2,595.94	3/4	2,926.64
4	84.23	4	350.79	4	639.53	4	950.42	4	1,279.73	4	1,610.56	4	1,941.38	4	2,272.13	4	2,602.83	4	2,933.53
1/4	89.57	1/4	356.60	1/4	645.80	1/4	957.15	1/4	1,286.62	1/4	1,617.45	1/4	1,948.28	1/4	2,279.02	1/4	2,609.72	1/4	2,940.42
1/2	94.91	1/2	362.41	1/2	652.06	1/2	963.88	1/2	1,293.52	1/2	1,624.34	1/2	1,955.17	1/2	2,285.91	1/2	2,616.61	1/2	2,947.31
3/4	100.25	3/4	368.22	3/4	658.32	3/4	970.62	3/4	1,300.41	3/4	1,631.23	3/4	1,962.06	3/4	2,292.80	3/4	2,623.50	3/4	2,954.20
5	105.59	5	374.03	5	664.58	5	977.35	5	1,307.30	5	1,638.13	5	1,968.95	5	2,299.69	5	2,630.39	5	2,961.09
1/4	110.96	1/4	379.88	1/4	670.88	1/4	984.12	1/4	1,314.19	1/4	1,645.02	1/4	1,975.84	1/4	2,306.58	1/4	2,637.28	1/4	2,967.98
1/2	116.34	1/2	385.73	1/2	677.18	1/2	990.90	1/2	1,321.09	1/2	1,651.91	1/2	1,982.74	1/2	2,313.47	1/2	2,644.17	1/2	2,974.87
3/4	121.72	3/4	391.58	3/4	683.48	3/4	997.67	3/4	1,327.98	3/4	1,658.80	3/4	1,989.63	3/4	2,320.35	3/4	2,651.06	3/4	2,981.76
6	127.09	6	397.43	6	689.78	6	1,004.44	6	1,334.87	6	1,665.70	6	1,996.52	6	2,327.24	6	2,657.95	6	2,988.65
1/4	132.51	1/4	403.32	1/4	696.11	1/4	1,011.26	1/4	1,341.76	1/4	1,672.59	1/4	2,003.41	1/4	2,334.13	1/4	2,664.83	1/4	2,995.54
1/2	137.93	1/2	409.21	1/2	702.45	1/2	1,018.09	1/2	1,348.65	1/2	1,679.48	1/2	2,010.31	1/2	2,341.02	1/2	2,671.72	1/2	3,002.43
3/4	143.34	3/4	415.10	3/4	708.78	3/4	1,024.91	3/4	1,355.55	3/4	1,686.37	3/4	2,017.20	3/4	2,347.91	3/4	2,678.61	3/4	3,009.32
7	148.76	7	420.98	7	715.12	7	1,031.73	7	1,362.44	7	1,693.26	7	2,024.09	7	2,354.80	7	2,685.50	7	3,016.21
1/4	154.22	1/4	426.91	1/4	721.50	1/4	1,038.60	1/4	1,369.33	1/4	1,700.16	1/4	2,030.98	1/4	2,361.69	1/4	2,692.39	1/4	3,023.10
1/2	159.67	1/2	432.84	1/2	727.87	1/2	1,045.47	1/2	1,376.22	1/2	1,707.05	1/2	2,037.88	1/2	2,368.58	1/2	2,699.28	1/2	3,029.99
3/4	165.13	3/4	438.77	3/4	734.25	3/4	1,052.33	3/4	1,383.12	3/4	1,713.94	3/4	2,044.77	3/4	2,375.47	3/4	2,706.17	3/4	3,036.88
8	170.58	8	444.70	8	740.62	8	1,059.20	8	1,390.01	8	1,720.83	8	2,051.66	8	2,382.36	8	2,713.06	8	3,043.77
1/4	176.08	1/4	450.66	1/4	747.04	1/4	1,066.09	1/4	1,396.90	1/4	1,727.73	1/4	2,058.55	1/4	2,389.25	1/4	2,719.95	1/4	3,050.66
1/2	181.57	1/2	456.63	1/2	753.46	1/2	1,072.98	1/2	1,403.79	1/2	1,734.62	1/2	2,065.44	1/2	2,396.14	1/2	2,726.84	1/2	3,057.55
3/4	187.07	3/4	462.60	3/4	759.88	3/4	1,079.86	3/4	1,410.68	3/4	1,741.51	3/4	2,072.33	3/4	2,403.03	3/4	2,733.73	3/4	3,064.44
9	192.57	9	468.57	9	766.30	9	1,086.75	9	1,417.58	9	1,748.40	9	2,079.22	9	2,409.92	9	2,740.62	9	3,071.33
1/4	198.10	1/4	474.57	1/4	772.75	1/4	1,093.64	1/4	1,424.47	1/4	1,755.29	1/4	2,086.11	1/4	2,416.81	1/4	2,747.51	1/4	3,078.22
1/2	203.63	1/2	480.57	1/2	779.21	1/2	1,100.54	1/2	1,431.36	1/2	1,762.19	1/2	2,093.00	1/2	2,423.70	1/2	2,754.40	1/2	3,085.11
3/4	209.17	3/4	486.58	3/4	785.67	3/4	1,107.43	3/4	1,438.25	3/4	1,769.08	3/4	2,099.89	3/4	2,430.59	3/4	2,761.29	3/4	3,091.99
10	214.70	10	492.58	10	792.13	10	1,114.32	10	1,445.15	10	1,775.97	10	2,106.78	10	2,437.48	10	2,768.18	10	3,098.88
1/4	220.28	1/4	498.61	1/4	798.62	1/4	1,121.21	1/4	1,452.04	1/4	1,782.86	1/4	2,113.67	1/4	2,444.37	1/4	2,775.07	1/4	3,105.77
1/2	225.85	1/2	504.64	1/2	805.12	1/2	1,128.10	1/2	1,458.93	1/2	1,789.76	1/2	2,120.56	1/2	2,451.26	1/2	2,781.96	1/2	3,112.66
3/4	231.43	3/4	510.68	3/4	811.62	3/4	1,135.00	3/4	1,465.82	3/4	1,796.65	3/4	2,127.45	3/4	2,458.15	3/4	2,788.85	3/4	3,119.55
11	237.00	11	516.71	11	818.12	11	1,141.89	11	1,472.71	11	1,803.54	11	2,134.34	11	2,465.04	11	2,795.74	11	3,126.44
1/4	242.61	1/4	522.77	1/4	824.65	1/4	1,148.78	1/4	1,479.61	1/4	1,810.43	1/4	2,141.23	1/4	2,471.93	1/4	2,802.63	1/4	3,133.33
1/2	248.23	1/2	528.83	1/2	831.19	1/2	1,155.67	1/2	1,486.50	1/2	1,817.32	1/2	2,148.11	1/2	2,478.82	1/2	2,809.52	1/2	3,140.22
3/4	253.84	3/4	534.90	3/4	837.73	3/4	1,162.57	3/4	1,493.39	3/4	1,824.22	3/4	2,155.00	3/4	2,485.71	3/4	2,816.41	3/4	3,147.11

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 29110"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 308

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	3,154.00	0	3,484.70	0	3,814.06	0	4,130.38	0	4,430.26	0		0		0		0		0	
1/4	3,160.89	1/4	3,491.59	1/4	3,820.81	1/4	4,136.77	1/4	4,436.54	1/4		1/4		1/4		1/4		1/4	
1/2	3,167.78	1/2	3,498.48	1/2	3,827.55	1/2	4,143.16	1/2	4,442.82	1/2		1/2		1/2		1/2		1/2	
3/4	3,174.67	3/4	3,505.36	3/4	3,834.30	3/4	4,149.55	3/4	4,449.09	3/4		3/4		3/4		3/4		3/4	
1	3,181.56	1	3,512.25	1	3,841.04	1	4,155.94	1	4,455.37	1		1		1		1		1	
1/4	3,188.45	1/4	3,519.14	1/4	3,847.76	1/4	4,162.31	1/4	4,462.03	1/4		1/4		1/4		1/4		1/4	
1/2	3,195.34	1/2	3,526.03	1/2	3,854.48	1/2	4,168.68	1/2	4,468.69	1/2		1/2		1/2		1/2		1/2	
3/4	3,202.23	3/4	3,532.92	3/4	3,861.20	3/4	4,175.04	3/4	4,475.34	3/4		3/4		3/4		3/4		3/4	
2	3,209.12	2	3,539.81	2	3,867.92	2	4,181.41	2	4,482.00	2		2		2		2		2	
1/4	3,216.01	1/4	3,546.70	1/4	3,874.61	1/4	4,187.75	1/4	4,488.85	1/4		1/4		1/4		1/4		1/4	
1/2	3,222.90	1/2	3,553.59	1/2	3,881.31	1/2	4,194.08	1/2	4,495.70	1/2		1/2		1/2		1/2		1/2	
3/4	3,229.78	3/4	3,560.48	3/4	3,888.00	3/4	4,200.42	3/4	4,502.55	3/4		3/4		3/4		3/4		3/4	
3	3,236.67	3	3,567.37	3	3,894.69	3	4,206.76	3	4,509.40	3		3		3		3		3	
1/4	3,243.56	1/4	3,574.26	1/4	3,901.36	1/4	4,213.08	1/4	4,516.16	1/4		1/4		1/4		1/4		1/4	
1/2	3,250.45	1/2	3,581.15	1/2	3,908.03	1/2	4,219.39	1/2	4,522.92	1/2		1/2		1/2		1/2		1/2	
3/4	3,257.34	3/4	3,588.04	3/4	3,914.69	3/4	4,225.70	3/4	4,529.69	3/4		3/4		3/4		3/4		3/4	
4	3,264.23	4	3,594.93	4	3,921.36	4	4,232.02	4	4,536.45	4		4		4		4		4	
1/4	3,271.12	1/4	3,601.82	1/4	3,928.00	1/4	4,238.30	1/4	4,542.53	1/4		1/4		1/4		1/4		1/4	
1/2	3,278.01	1/2	3,608.71	1/2	3,934.64	1/2	4,244.59	1/2	4,548.60	1/2		1/2		1/2		1/2		1/2	
3/4	3,284.90	3/4	3,615.60	3/4	3,941.28	3/4	4,250.88	3/4	4,554.67	3/4		3/4		3/4		3/4		3/4	
5	3,291.79	5	3,622.49	5	3,947.92	5	4,257.16	5	4,560.75	5		5		5		5		5	
1/4	3,298.68	1/4	3,629.38	1/4	3,954.54	1/4	4,263.42	1/4	4,565.53	1/4		1/4		1/4		1/4		1/4	
1/2	3,305.57	1/2	3,636.27	1/2	3,961.15	1/2	4,269.68	1/2	4,570.31	1/2		1/2		1/2		1/2		1/2	
3/4	3,312.46	3/4	3,643.15	3/4	3,967.77	3/4	4,275.95	3/4	4,575.09	3/4		3/4		3/4		3/4		3/4	
6	3,319.35	6	3,650.04	6	3,974.38	6	4,282.21	6	4,579.88	6		6		6		6		6	
1/4	3,326.24	1/4	3,656.93	1/4	3,980.97	1/4	4,288.44	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,333.13	1/2	3,663.82	1/2	3,987.56	1/2	4,294.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,340.02	3/4	3,670.71	3/4	3,994.15	3/4	4,300.91	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,346.91	7	3,677.59	7	4,000.74	7	4,307.14	7		7		7		7		7		7	
1/4	3,353.80	1/4	3,684.47	1/4	4,007.30	1/4	4,313.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,360.69	1/2	3,691.34	1/2	4,013.86	1/2	4,319.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,367.57	3/4	3,698.21	3/4	4,020.42	3/4	4,325.77	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,374.46	8	3,705.09	8	4,026.99	8	4,331.98	8		8		8		8		8		8	
1/4	3,381.35	1/4	3,711.94	1/4	4,033.50	1/4	4,338.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,388.24	1/2	3,718.79	1/2	4,040.02	1/2	4,344.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,395.13	3/4	3,725.64	3/4	4,046.53	3/4	4,350.52	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,402.02	9	3,732.49	9	4,053.05	9	4,356.71	9		9		9		9		9		9	
1/4	3,408.91	1/4	3,739.31	1/4	4,059.52	1/4	4,362.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,415.80	1/2	3,746.13	1/2	4,065.99	1/2	4,369.02	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,422.69	3/4	3,752.96	3/4	4,072.46	3/4	4,375.17	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,429.58	10	3,759.78	10	4,078.93	10	4,381.33	10		10		10		10		10		10	
1/4	3,436.47	1/4	3,766.58	1/4	4,085.38	1/4	4,387.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,443.36	1/2	3,773.38	1/2	4,091.82	1/2	4,393.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,450.25	3/4	3,780.18	3/4	4,098.26	3/4	4,399.72	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,457.14	11	3,786.97	11	4,104.71	11	4,405.85	11		11		11		11		11		11	
1/4	3,464.03	1/4	3,793.75	1/4	4,111.12	1/4	4,411.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,470.92	1/2	3,800.52	1/2	4,117.54	1/2	4,418.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,477.81	3/4	3,807.29	3/4	4,123.96	3/4	4,424.16	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/22/2022 CL
CALCULATED: 03/22/2022 CL
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 29110"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 308

GAUGE HEIGHT 15'-06 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	13.85	0	388.57	0	776.56	0	1,164.16	0	1,552.36	0	1,940.57	0	2,328.77	0	2,716.92	0	3,104.98	0	3,493.04
1/4	19.24	1/4	396.66	1/4	784.63	1/4	1,172.25	1/4	1,560.45	1/4	1,948.65	1/4	2,336.86	1/4	2,725.01	1/4	3,113.07	1/4	3,501.12
1/2	24.63	1/2	404.74	1/2	792.69	1/2	1,180.33	1/2	1,568.54	1/2	1,956.74	1/2	2,344.95	1/2	2,733.09	1/2	3,121.15	1/2	3,509.21
3/4	30.02	3/4	412.83	3/4	800.75	3/4	1,188.42	3/4	1,576.63	3/4	1,964.83	3/4	2,353.03	3/4	2,741.18	3/4	3,129.23	3/4	3,517.29
1	35.41	1	420.91	1	808.82	1	1,196.51	1	1,584.71	1	1,972.92	1	2,361.12	1	2,749.26	1	3,137.32	1	3,525.37
1/4	42.83	1/4	429.00	1/4	816.88	1/4	1,204.60	1/4	1,592.80	1/4	1,981.01	1/4	2,369.21	1/4	2,757.35	1/4	3,145.40	1/4	3,533.46
1/2	50.24	1/2	437.08	1/2	824.94	1/2	1,212.68	1/2	1,600.89	1/2	1,989.09	1/2	2,377.30	1/2	2,765.43	1/2	3,153.49	1/2	3,541.54
3/4	57.65	3/4	445.16	3/4	833.01	3/4	1,220.77	3/4	1,608.98	3/4	1,997.18	3/4	2,385.39	3/4	2,773.52	3/4	3,161.57	3/4	3,549.63
2	65.07	2	453.25	2	841.07	2	1,228.86	2	1,617.06	2	2,005.27	2	2,393.47	2	2,781.60	2	3,169.66	2	3,557.71
1/4	73.15	1/4	461.33	1/4	849.14	1/4	1,236.95	1/4	1,625.15	1/4	2,013.36	1/4	2,401.56	1/4	2,789.69	1/4	3,177.74	1/4	3,565.80
1/2	81.24	1/2	469.41	1/2	857.20	1/2	1,245.03	1/2	1,633.24	1/2	2,021.44	1/2	2,409.65	1/2	2,797.77	1/2	3,185.83	1/2	3,573.88
3/4	89.33	3/4	477.50	3/4	865.27	3/4	1,253.12	3/4	1,641.33	3/4	2,029.53	3/4	2,417.74	3/4	2,805.85	3/4	3,193.91	3/4	3,581.97
3	97.42	3	485.58	3	873.34	3	1,261.21	3	1,649.41	3	2,037.62	3	2,425.82	3	2,813.94	3	3,201.99	3	3,590.05
1/4	105.50	1/4	493.67	1/4	881.40	1/4	1,269.30	1/4	1,657.50	1/4	2,045.71	1/4	2,433.91	1/4	2,822.02	1/4	3,210.08	1/4	3,598.14
1/2	113.59	1/2	501.75	1/2	889.47	1/2	1,277.38	1/2	1,665.59	1/2	2,053.79	1/2	2,442.00	1/2	2,830.11	1/2	3,218.16	1/2	3,606.22
3/4	121.68	3/4	509.84	3/4	897.53	3/4	1,285.47	3/4	1,673.68	3/4	2,061.88	3/4	2,450.09	3/4	2,838.19	3/4	3,226.25	3/4	3,614.30
4	129.77	4	517.92	4	905.60	4	1,293.56	4	1,681.76	4	2,069.97	4	2,458.17	4	2,846.28	4	3,234.33	4	3,622.39
1/4	137.85	1/4	526.01	1/4	913.67	1/4	1,301.65	1/4	1,689.85	1/4	2,078.06	1/4	2,466.26	1/4	2,854.36	1/4	3,242.42	1/4	3,630.47
1/2	145.94	1/2	534.10	1/2	921.73	1/2	1,309.73	1/2	1,697.94	1/2	2,086.14	1/2	2,474.35	1/2	2,862.45	1/2	3,250.50	1/2	3,638.56
3/4	154.03	3/4	542.19	3/4	929.80	3/4	1,317.82	3/4	1,706.03	3/4	2,094.23	3/4	2,482.44	3/4	2,870.53	3/4	3,258.59	3/4	3,646.64
5	162.12	5	550.27	5	937.86	5	1,325.91	5	1,714.11	5	2,102.32	5	2,490.52	5	2,878.61	5	3,266.67	5	3,654.73
1/4	170.21	1/4	558.36	1/4	945.93	1/4	1,334.00	1/4	1,722.20	1/4	2,110.41	1/4	2,498.61	1/4	2,886.70	1/4	3,274.76	1/4	3,662.81
1/2	178.29	1/2	566.45	1/2	953.99	1/2	1,342.08	1/2	1,730.29	1/2	2,118.49	1/2	2,506.70	1/2	2,894.78	1/2	3,282.84	1/2	3,670.89
3/4	186.38	3/4	574.54	3/4	962.06	3/4	1,350.17	3/4	1,738.38	3/4	2,126.58	3/4	2,514.79	3/4	2,902.87	3/4	3,290.92	3/4	3,678.98
6	194.47	6	582.62	6	970.13	6	1,358.26	6	1,746.46	6	2,134.67	6	2,522.87	6	2,910.95	6	3,299.01	6	3,687.06
1/4	202.56	1/4	590.71	1/4	978.20	1/4	1,366.35	1/4	1,754.55	1/4	2,142.76	1/4	2,530.96	1/4	2,919.04	1/4	3,307.09	1/4	3,695.15
1/2	210.64	1/2	598.80	1/2	986.27	1/2	1,374.44	1/2	1,762.64	1/2	2,150.84	1/2	2,539.05	1/2	2,927.12	1/2	3,315.18	1/2	3,703.23
3/4	218.73	3/4	606.89	3/4	994.35	3/4	1,382.52	3/4	1,770.73	3/4	2,158.93	3/4	2,547.14	3/4	2,935.21	3/4	3,323.26	3/4	3,711.32
7	226.82	7	614.98	7	1,002.42	7	1,390.61	7	1,778.82	7	2,167.02	7	2,555.22	7	2,943.29	7	3,331.35	7	3,719.40
1/4	234.91	1/4	623.06	1/4	1,010.50	1/4	1,398.70	1/4	1,786.90	1/4	2,175.11	1/4	2,563.31	1/4	2,951.38	1/4	3,339.43	1/4	3,727.49
1/2	242.99	1/2	631.15	1/2	1,018.59	1/2	1,406.79	1/2	1,794.99	1/2	2,183.20	1/2	2,571.40	1/2	2,959.46	1/2	3,347.52	1/2	3,735.57
3/4	251.08	3/4	639.24	3/4	1,026.67	3/4	1,414.87	3/4	1,803.08	3/4	2,191.28	3/4	2,579.49	3/4	2,967.54	3/4	3,355.60	3/4	3,743.65
8	259.17	8	647.33	8	1,034.76	8	1,422.96	8	1,811.17	8	2,199.37	8	2,587.57	8	2,975.63	8	3,363.68	8	3,751.74
1/4	267.26	1/4	655.41	1/4	1,042.84	1/4	1,431.05	1/4	1,819.25	1/4	2,207.46	1/4	2,595.66	1/4	2,983.71	1/4	3,371.77	1/4	3,759.82
1/2	275.34	1/2	663.50	1/2	1,050.93	1/2	1,439.14	1/2	1,827.34	1/2	2,215.55	1/2	2,603.74	1/2	2,991.80	1/2	3,379.85	1/2	3,767.91
3/4	283.43	3/4	671.59	3/4	1,059.02	3/4	1,447.22	3/4	1,835.43	3/4	2,223.63	3/4	2,611.83	3/4	2,999.88	3/4	3,387.94	3/4	3,775.99
9	291.52	9	679.68	9	1,067.11	9	1,455.31	9	1,843.52	9	2,231.72	9	2,619.91	9	3,007.97	9	3,396.02	9	3,784.08
1/4	299.61	1/4	687.76	1/4	1,075.19	1/4	1,463.40	1/4	1,851.60	1/4	2,239.81	1/4	2,628.00	1/4	3,016.05	1/4	3,404.11	1/4	3,792.16
1/2	307.69	1/2	695.84	1/2	1,083.28	1/2	1,471.49	1/2	1,859.69	1/2	2,247.90	1/2	2,636.08	1/2	3,024.14	1/2	3,412.19	1/2	3,800.24
3/4	315.78	3/4	703.93	3/4	1,091.37	3/4	1,479.57	3/4	1,867.78	3/4	2,255.98	3/4	2,644.16	3/4	3,032.22	3/4	3,420.28	3/4	3,808.33
10	323.87	10	712.01	10	1,099.46	10	1,487.66	10	1,875.87	10	2,264.07	10	2,652.25	10	3,040.30	10	3,428.36	10	3,816.41
1/4	331.96	1/4	720.09	1/4	1,107.54	1/4	1,495.75	1/4	1,883.95	1/4	2,272.16	1/4	2,660.33	1/4	3,048.39	1/4	3,436.45	1/4	3,824.50
1/2	340.04	1/2	728.16	1/2	1,115.63	1/2	1,503.84	1/2	1,892.04	1/2	2,280.25	1/2	2,668.42	1/2	3,056.47	1/2	3,444.53	1/2	3,832.58
3/4	348.13	3/4	736.23	3/4	1,123.72	3/4	1,511.92	3/4	1,900.13	3/4	2,288.33	3/4	2,676.50	3/4	3,064.56	3/4	3,452.61	3/4	3,840.67
11	356.22	11	744.31	11	1,131.81	11	1,520.01	11	1,908.22	11	2,296.42	11	2,684.59	11	3,072.64	11	3,460.70	11	3,848.75
1/4	364.31	1/4	752.37	1/4	1,139.89	1/4	1,528.10	1/4	1,916.30	1/4	2,304.51	1/4	2,692.67	1/4	3,080.73	1/4	3,468.78	1/4	3,856.84
1/2	372.40	1/2	760.43	1/2	1,147.98	1/2	1,536.19	1/2	1,924.39	1/2	2,312.60	1/2	2,700.76	1/2	3,088.81	1/2	3,476.87	1/2	3,864.92
3/4	380.48	3/4	768.50	3/4	1,156.07	3/4	1,544.27	3/4	1,932.48	3/4	2,320.68	3/4	2,708.84	3/4	3,096.90	3/4	3,484.95	3/4	3,873.00

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 29110"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 308

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	3,881.09	0	4,269.14	0	4,655.62	0	5,026.79	0	5,378.67	0		0		0		0		0	
1/4	3,889.17	1/4	4,277.22	1/4	4,663.54	1/4	5,034.29	1/4	5,386.04	1/4		1/4		1/4		1/4		1/4	
1/2	3,897.26	1/2	4,285.31	1/2	4,671.45	1/2	5,041.79	1/2	5,393.40	1/2		1/2		1/2		1/2		1/2	
3/4	3,905.34	3/4	4,293.39	3/4	4,679.37	3/4	5,049.29	3/4	5,400.77	3/4		3/4		3/4		3/4		3/4	
1	3,913.43	1	4,301.48	1	4,687.28	1	5,056.79	1	5,408.13	1		1		1		1		1	
1/4	3,921.51	1/4	4,309.56	1/4	4,695.17	1/4	5,064.26	1/4	5,415.94	1/4		1/4		1/4		1/4		1/4	
1/2	3,929.60	1/2	4,317.65	1/2	4,703.05	1/2	5,071.73	1/2	5,423.75	1/2		1/2		1/2		1/2		1/2	
3/4	3,937.68	3/4	4,325.73	3/4	4,710.94	3/4	5,079.20	3/4	5,431.57	3/4		3/4		3/4		3/4		3/4	
2	3,945.76	2	4,333.82	2	4,718.82	2	5,086.67	2	5,439.38	2		2		2		2		2	
1/4	3,953.85	1/4	4,341.90	1/4	4,726.68	1/4	5,094.11	1/4	5,447.41	1/4		1/4		1/4		1/4		1/4	
1/2	3,961.93	1/2	4,349.98	1/2	4,734.53	1/2	5,101.54	1/2	5,455.45	1/2		1/2		1/2		1/2		1/2	
3/4	3,970.02	3/4	4,358.07	3/4	4,742.38	3/4	5,108.98	3/4	5,463.49	3/4		3/4		3/4		3/4		3/4	
3	3,978.10	3	4,366.15	3	4,750.24	3	5,116.42	3	5,471.52	3		3		3		3		3	
1/4	3,986.19	1/4	4,374.24	1/4	4,758.06	1/4	5,123.83	1/4	5,479.46	1/4		1/4		1/4		1/4		1/4	
1/2	3,994.27	1/2	4,382.32	1/2	4,765.88	1/2	5,131.24	1/2	5,487.40	1/2		1/2		1/2		1/2		1/2	
3/4	4,002.36	3/4	4,390.41	3/4	4,773.71	3/4	5,138.64	3/4	5,495.34	3/4		3/4		3/4		3/4		3/4	
4	4,010.44	4	4,398.49	4	4,781.53	4	5,146.05	4	5,503.27	4		4		4		4		4	
1/4	4,018.52	1/4	4,406.57	1/4	4,789.32	1/4	5,153.43	1/4	5,510.40	1/4		1/4		1/4		1/4		1/4	
1/2	4,026.61	1/2	4,414.66	1/2	4,797.12	1/2	5,160.81	1/2	5,517.53	1/2		1/2		1/2		1/2		1/2	
3/4	4,034.69	3/4	4,422.74	3/4	4,804.91	3/4	5,168.18	3/4	5,524.66	3/4		3/4		3/4		3/4		3/4	
5	4,042.78	5	4,430.83	5	4,812.70	5	5,175.56	5	5,531.79	5		5		5		5		5	
1/4	4,050.86	1/4	4,438.91	1/4	4,820.46	1/4	5,182.91	1/4	5,537.40	1/4		1/4		1/4		1/4		1/4	
1/2	4,058.95	1/2	4,447.00	1/2	4,828.23	1/2	5,190.25	1/2	5,543.01	1/2		1/2		1/2		1/2		1/2	
3/4	4,067.03	3/4	4,455.08	3/4	4,835.99	3/4	5,197.60	3/4	5,548.62	3/4		3/4		3/4		3/4		3/4	
6	4,075.11	6	4,463.17	6	4,843.75	6	5,204.94	6	5,554.23	6		6		6		6		6	
1/4	4,083.20	1/4	4,471.25	1/4	4,851.48	1/4	5,212.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,091.28	1/2	4,479.33	1/2	4,859.21	1/2	5,219.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,099.37	3/4	4,487.41	3/4	4,866.94	3/4	5,226.89	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,107.45	7	4,495.48	7	4,874.67	7	5,234.21	7		7		7		7		7		7	
1/4	4,115.54	1/4	4,503.55	1/4	4,882.37	1/4	5,241.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,123.62	1/2	4,511.62	1/2	4,890.07	1/2	5,248.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,131.71	3/4	4,519.68	3/4	4,897.77	3/4	5,256.06	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,139.79	8	4,527.75	8	4,905.48	8	5,263.34	8		8		8		8		8		8	
1/4	4,147.87	1/4	4,535.78	1/4	4,913.12	1/4	5,270.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,155.96	1/2	4,543.82	1/2	4,920.77	1/2	5,277.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,164.04	3/4	4,551.86	3/4	4,928.41	3/4	5,285.11	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,172.13	9	4,559.90	9	4,936.06	9	5,292.36	9		9		9		9		9		9	
1/4	4,180.21	1/4	4,567.91	1/4	4,943.65	1/4	5,299.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,188.30	1/2	4,575.91	1/2	4,951.24	1/2	5,306.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,196.38	3/4	4,583.92	3/4	4,958.84	3/4	5,314.03	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,204.47	10	4,591.93	10	4,966.43	10	5,321.25	10		10		10		10		10		10	
1/4	4,212.55	1/4	4,599.91	1/4	4,973.99	1/4	5,328.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,220.63	1/2	4,607.88	1/2	4,981.55	1/2	5,335.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,228.72	3/4	4,615.86	3/4	4,989.11	3/4	5,342.83	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,236.80	11	4,623.84	11	4,996.67	11	5,350.02	11		11		11		11		11		11	
1/4	4,244.89	1/4	4,631.78	1/4	5,004.20	1/4	5,357.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,252.97	1/2	4,639.73	1/2	5,011.73	1/2	5,364.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,261.06	3/4	4,647.68	3/4	5,019.26	3/4	5,371.51	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/22/2022 CL
CALCULATED: 03/22/2022 CL
RENAMED: 05/02/2022 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2022

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



BARGE "CTC 29110"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 308

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	387.62	0	770.39	0	1,142.38	0	1,522.92	0	1,910.18	0	2,297.43	0	2,684.64	0	3,071.74	0	3,458.85
1/4	19.19	1/4	395.69	1/4	778.13	1/4	1,150.15	1/4	1,530.99	1/4	1,918.24	1/4	2,305.50	1/4	2,692.70	1/4	3,079.81	1/4	3,466.92
1/2	24.57	1/2	403.75	1/2	785.87	1/2	1,157.91	1/2	1,539.06	1/2	1,926.31	1/2	2,313.57	1/2	2,700.77	1/2	3,087.87	1/2	3,474.98
3/4	29.95	3/4	411.82	3/4	793.61	3/4	1,165.67	3/4	1,547.12	3/4	1,934.38	3/4	2,321.63	3/4	2,708.83	3/4	3,095.94	3/4	3,483.04
1	35.32	1	419.89	1	801.34	1	1,173.43	1	1,555.19	1	1,942.45	1	2,329.70	1	2,716.90	1	3,104.00	1	3,491.11
1/4	42.72	1/4	427.95	1/4	809.08	1/4	1,181.20	1/4	1,563.26	1/4	1,950.51	1/4	2,337.77	1/4	2,724.96	1/4	3,112.07	1/4	3,499.17
1/2	50.12	1/2	436.01	1/2	816.82	1/2	1,188.96	1/2	1,571.33	1/2	1,958.58	1/2	2,345.84	1/2	2,733.03	1/2	3,120.13	1/2	3,507.24
3/4	57.51	3/4	444.08	3/4	824.56	3/4	1,196.72	3/4	1,579.40	3/4	1,966.65	3/4	2,353.90	3/4	2,741.09	3/4	3,128.20	3/4	3,515.30
2	64.91	2	452.14	2	832.30	2	1,204.48	2	1,587.46	2	1,974.72	2	2,361.97	2	2,749.16	2	3,136.26	2	3,523.37
1/4	72.97	1/4	460.20	1/4	840.04	1/4	1,212.25	1/4	1,595.53	1/4	1,982.79	1/4	2,370.04	1/4	2,757.22	1/4	3,144.33	1/4	3,531.43
1/2	81.04	1/2	468.27	1/2	847.78	1/2	1,220.01	1/2	1,603.60	1/2	1,990.85	1/2	2,378.11	1/2	2,765.29	1/2	3,152.39	1/2	3,539.50
3/4	89.11	3/4	476.33	3/4	855.52	3/4	1,227.77	3/4	1,611.67	3/4	1,998.92	3/4	2,386.18	3/4	2,773.35	3/4	3,160.46	3/4	3,547.56
3	97.18	3	484.39	3	863.26	3	1,235.53	3	1,619.73	3	2,006.99	3	2,394.24	3	2,781.42	3	3,168.52	3	3,555.63
1/4	105.25	1/4	492.46	1/4	871.01	1/4	1,243.30	1/4	1,627.80	1/4	2,015.06	1/4	2,402.31	1/4	2,789.48	1/4	3,176.59	1/4	3,563.69
1/2	113.31	1/2	500.53	1/2	878.75	1/2	1,251.06	1/2	1,635.87	1/2	2,023.12	1/2	2,410.38	1/2	2,797.54	1/2	3,184.65	1/2	3,571.76
3/4	121.38	3/4	508.59	3/4	886.49	3/4	1,258.82	3/4	1,643.94	3/4	2,031.19	3/4	2,418.45	3/4	2,805.61	3/4	3,192.72	3/4	3,579.82
4	129.45	4	516.66	4	894.23	4	1,266.58	4	1,652.01	4	2,039.26	4	2,426.51	4	2,813.67	4	3,200.78	4	3,587.89
1/4	137.52	1/4	524.73	1/4	901.97	1/4	1,274.35	1/4	1,660.07	1/4	2,047.33	1/4	2,434.58	1/4	2,821.74	1/4	3,208.84	1/4	3,595.95
1/2	145.58	1/2	532.79	1/2	909.71	1/2	1,282.11	1/2	1,668.14	1/2	2,055.40	1/2	2,442.65	1/2	2,829.80	1/2	3,216.91	1/2	3,604.02
3/4	153.65	3/4	540.86	3/4	917.45	3/4	1,289.87	3/4	1,676.21	3/4	2,063.46	3/4	2,450.72	3/4	2,837.87	3/4	3,224.97	3/4	3,612.09
5	161.72	5	548.93	5	925.19	5	1,297.63	5	1,684.28	5	2,071.53	5	2,458.79	5	2,845.93	5	3,233.04	5	3,620.15
1/4	169.79	1/4	557.00	1/4	932.93	1/4	1,305.55	1/4	1,692.35	1/4	2,079.60	1/4	2,466.85	1/4	2,854.00	1/4	3,241.10	1/4	3,628.22
1/2	177.86	1/2	565.07	1/2	940.67	1/2	1,313.46	1/2	1,700.41	1/2	2,087.67	1/2	2,474.92	1/2	2,862.06	1/2	3,249.17	1/2	3,636.28
3/4	185.92	3/4	573.13	3/4	948.41	3/4	1,321.38	3/4	1,708.48	3/4	2,095.74	3/4	2,482.99	3/4	2,870.13	3/4	3,257.23	3/4	3,644.35
6	193.99	6	581.20	6	956.15	6	1,329.29	6	1,716.55	6	2,103.80	6	2,491.06	6	2,878.19	6	3,265.30	6	3,652.41
1/4	202.06	1/4	589.27	1/4	963.90	1/4	1,337.36	1/4	1,724.62	1/4	2,111.87	1/4	2,499.12	1/4	2,886.26	1/4	3,273.36	1/4	3,660.47
1/2	210.13	1/2	597.34	1/2	971.65	1/2	1,345.43	1/2	1,732.68	1/2	2,119.94	1/2	2,507.19	1/2	2,894.32	1/2	3,281.43	1/2	3,668.54
3/4	218.20	3/4	605.40	3/4	979.40	3/4	1,353.50	3/4	1,740.75	3/4	2,128.01	3/4	2,515.26	3/4	2,902.39	3/4	3,289.49	3/4	3,676.60
7	226.26	7	613.47	7	987.15	7	1,361.57	7	1,748.82	7	2,136.07	7	2,523.33	7	2,910.45	7	3,297.56	7	3,684.67
1/4	234.33	1/4	621.54	1/4	994.91	1/4	1,369.63	1/4	1,756.89	1/4	2,144.14	1/4	2,531.40	1/4	2,918.52	1/4	3,305.62	1/4	3,692.73
1/2	242.40	1/2	629.61	1/2	1,002.66	1/2	1,377.70	1/2	1,764.96	1/2	2,152.21	1/2	2,539.47	1/2	2,926.58	1/2	3,313.69	1/2	3,700.80
3/4	250.47	3/4	637.68	3/4	1,010.42	3/4	1,385.77	3/4	1,773.02	3/4	2,160.28	3/4	2,547.54	3/4	2,934.64	3/4	3,321.75	3/4	3,708.86
8	258.53	8	645.74	8	1,018.18	8	1,393.84	8	1,781.09	8	2,168.35	8	2,555.60	8	2,942.71	8	3,329.82	8	3,716.93
1/4	266.60	1/4	653.66	1/4	1,025.95	1/4	1,401.90	1/4	1,789.16	1/4	2,176.41	1/4	2,563.67	1/4	2,950.77	1/4	3,337.88	1/4	3,724.99
1/2	274.67	1/2	661.57	1/2	1,033.71	1/2	1,409.97	1/2	1,797.23	1/2	2,184.48	1/2	2,571.73	1/2	2,958.84	1/2	3,345.94	1/2	3,733.06
3/4	282.74	3/4	669.49	3/4	1,041.47	3/4	1,418.04	3/4	1,805.29	3/4	2,192.55	3/4	2,579.80	3/4	2,966.90	3/4	3,354.01	3/4	3,741.12
9	290.81	9	677.40	9	1,049.23	9	1,426.11	9	1,813.36	9	2,200.62	9	2,587.86	9	2,974.97	9	3,362.07	9	3,749.19
1/4	298.87	1/4	685.16	1/4	1,057.00	1/4	1,434.18	1/4	1,821.43	1/4	2,208.68	1/4	2,595.93	1/4	2,983.03	1/4	3,370.14	1/4	3,757.25
1/2	306.94	1/2	692.92	1/2	1,064.76	1/2	1,442.24	1/2	1,829.50	1/2	2,216.75	1/2	2,603.99	1/2	2,991.10	1/2	3,378.20	1/2	3,765.31
3/4	315.01	3/4	700.68	3/4	1,072.52	3/4	1,450.31	3/4	1,837.57	3/4	2,224.82	3/4	2,612.06	3/4	2,999.16	3/4	3,386.27	3/4	3,773.38
10	323.08	10	708.44	10	1,080.28	10	1,458.38	10	1,845.63	10	2,232.89	10	2,620.12	10	3,007.23	10	3,394.33	10	3,781.44
1/4	331.14	1/4	716.19	1/4	1,088.05	1/4	1,466.45	1/4	1,853.70	1/4	2,240.96	1/4	2,628.19	1/4	3,015.29	1/4	3,402.40	1/4	3,789.51
1/2	339.21	1/2	723.94	1/2	1,095.81	1/2	1,474.51	1/2	1,861.77	1/2	2,249.02	1/2	2,636.25	1/2	3,023.36	1/2	3,410.46	1/2	3,797.57
3/4	347.28	3/4	731.69	3/4	1,103.57	3/4	1,482.58	3/4	1,869.84	3/4	2,257.09	3/4	2,644.32	3/4	3,031.42	3/4	3,418.53	3/4	3,805.64
11	355.35	11	739.43	11	1,111.33	11	1,490.65	11	1,877.90	11	2,265.16	11	2,652.38	11	3,039.49	11	3,426.59	11	3,813.70
1/4	363.42	1/4	747.17	1/4	1,119.10	1/4	1,498.72	1/4	1,885.97	1/4	2,273.23	1/4	2,660.45	1/4	3,047.55	1/4	3,434.66	1/4	3,821.77
1/2	371.48	1/2	754.91	1/2	1,126.86	1/2	1,506.79	1/2	1,894.04	1/2	2,281.29	1/2	2,668.51	1/2	3,055.62	1/2	3,442.72	1/2	3,829.83
3/4	379.55	3/4	762.65	3/4	1,134.62	3/4	1,514.85	3/4	1,902.11	3/4	2,289.36	3/4	2,676.57	3/4	3,063.68	3/4	3,450.79	3/4	3,837.90

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "CTC 29110"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 308

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	3,845.96	0	4,233.06	0	4,618.61	0	4,988.89	0	5,339.94	0		0		0		0		0	
1/4	3,854.02	1/4	4,241.13	1/4	4,626.50	1/4	4,996.37	1/4	5,347.28	1/4		1/4		1/4		1/4		1/4	
1/2	3,862.09	1/2	4,249.19	1/2	4,634.40	1/2	5,003.85	1/2	5,354.63	1/2		1/2		1/2		1/2		1/2	
3/4	3,870.15	3/4	4,257.25	3/4	4,642.29	3/4	5,011.33	3/4	5,361.98	3/4		3/4		3/4		3/4		3/4	
1	3,878.22	1	4,265.32	1	4,650.19	1	5,018.81	1	5,369.33	1		1		1		1		1	
1/4	3,886.28	1/4	4,273.38	1/4	4,658.06	1/4	5,026.26	1/4	5,377.12	1/4		1/4		1/4		1/4		1/4	
1/2	3,894.35	1/2	4,281.45	1/2	4,665.92	1/2	5,033.72	1/2	5,384.91	1/2		1/2		1/2		1/2		1/2	
3/4	3,902.41	3/4	4,289.51	3/4	4,673.79	3/4	5,041.17	3/4	5,392.70	3/4		3/4		3/4		3/4		3/4	
2	3,910.48	2	4,297.58	2	4,681.65	2	5,048.62	2	5,400.50	2		2		2		2		2	
1/4	3,918.54	1/4	4,305.64	1/4	4,689.49	1/4	5,056.04	1/4	5,408.51	1/4		1/4		1/4		1/4		1/4	
1/2	3,926.61	1/2	4,313.71	1/2	4,697.32	1/2	5,063.46	1/2	5,416.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,934.67	3/4	4,321.77	3/4	4,705.16	3/4	5,070.88	3/4	5,424.55	3/4		3/4		3/4		3/4		3/4	
3	3,942.74	3	4,329.84	3	4,712.99	3	5,078.30	3	5,432.57	3		3		3		3		3	
1/4	3,950.80	1/4	4,337.90	1/4	4,720.80	1/4	5,085.69	1/4	5,440.48	1/4		1/4		1/4		1/4		1/4	
1/2	3,958.86	1/2	4,345.97	1/2	4,728.60	1/2	5,093.08	1/2	5,448.40	1/2		1/2		1/2		1/2		1/2	
3/4	3,966.93	3/4	4,354.03	3/4	4,736.41	3/4	5,100.47	3/4	5,456.32	3/4		3/4		3/4		3/4		3/4	
4	3,974.99	4	4,362.09	4	4,744.21	4	5,107.86	4	5,464.23	4		4		4		4		4	
1/4	3,983.06	1/4	4,370.16	1/4	4,751.98	1/4	5,115.22	1/4	5,471.34	1/4		1/4		1/4		1/4		1/4	
1/2	3,991.12	1/2	4,378.22	1/2	4,759.76	1/2	5,122.58	1/2	5,478.45	1/2		1/2		1/2		1/2		1/2	
3/4	3,999.19	3/4	4,386.29	3/4	4,767.53	3/4	5,129.94	3/4	5,485.56	3/4		3/4		3/4		3/4		3/4	
5	4,007.25	5	4,394.35	5	4,775.31	5	5,137.30	5	5,492.67	5		5		5		5		5	
1/4	4,015.32	1/4	4,402.42	1/4	4,783.05	1/4	5,144.63	1/4	5,498.27	1/4		1/4		1/4		1/4		1/4	
1/2	4,023.38	1/2	4,410.48	1/2	4,790.79	1/2	5,151.96	1/2	5,503.87	1/2		1/2		1/2		1/2		1/2	
3/4	4,031.45	3/4	4,418.55	3/4	4,798.54	3/4	5,159.29	3/4	5,509.47	3/4		3/4		3/4		3/4		3/4	
6	4,039.51	6	4,426.61	6	4,806.28	6	5,166.62	6	5,515.06	6		6		6		6		6	
1/4	4,047.58	1/4	4,434.67	1/4	4,813.99	1/4	5,173.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,055.64	1/2	4,442.73	1/2	4,821.70	1/2	5,181.21	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,063.70	3/4	4,450.80	3/4	4,829.42	3/4	5,188.51	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,071.77	7	4,458.86	7	4,837.13	7	5,195.81	7		7		7		7		7		7	
1/4	4,079.83	1/4	4,466.90	1/4	4,844.81	1/4	5,203.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,087.90	1/2	4,474.95	1/2	4,852.49	1/2	5,210.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,095.96	3/4	4,482.99	3/4	4,860.17	3/4	5,217.61	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,104.03	8	4,491.04	8	4,867.86	8	5,224.88	8		8		8		8		8		8	
1/4	4,112.09	1/4	4,499.06	1/4	4,875.48	1/4	5,232.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,120.16	1/2	4,507.08	1/2	4,883.11	1/2	5,239.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,128.22	3/4	4,515.10	3/4	4,890.74	3/4	5,246.59	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,136.29	9	4,523.11	9	4,898.37	9	5,253.83	9		9		9		9		9		9	
1/4	4,144.35	1/4	4,531.10	1/4	4,905.94	1/4	5,261.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,152.42	1/2	4,539.09	1/2	4,913.52	1/2	5,268.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,160.48	3/4	4,547.08	3/4	4,921.09	3/4	5,275.45	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,168.54	10	4,555.07	10	4,928.66	10	5,282.65	10		10		10		10		10		10	
1/4	4,176.61	1/4	4,563.02	1/4	4,936.21	1/4	5,289.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,184.67	1/2	4,570.98	1/2	4,943.75	1/2	5,297.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,192.74	3/4	4,578.94	3/4	4,951.29	3/4	5,304.18	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,200.80	11	4,586.90	11	4,958.84	11	5,311.36	11		11		11		11		11		11	
1/4	4,208.87	1/4	4,594.82	1/4	4,966.35	1/4	5,318.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,216.93	1/2	4,602.75	1/2	4,973.86	1/2	5,325.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,225.00	3/4	4,610.68	3/4	4,981.37	3/4	5,332.79	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/22/2022 CL
CALCULATED: 03/22/2022 CL
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 29110"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 308

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	12.91	0	361.54	0	719.75	0	1,073.60	0	1,434.60	0	1,795.59	0	2,156.07	0	2,516.94	0	2,877.64	0	3,238.33
1/4	17.92	1/4	369.06	1/4	727.05	1/4	1,081.12	1/4	1,442.12	1/4	1,803.11	1/4	2,163.58	1/4	2,524.45	1/4	2,885.15	1/4	3,245.85
1/2	22.94	1/2	376.58	1/2	734.36	1/2	1,088.64	1/2	1,449.64	1/2	1,810.63	1/2	2,171.09	1/2	2,531.97	1/2	2,892.66	1/2	3,253.36
3/4	27.95	3/4	384.10	3/4	741.66	3/4	1,096.16	3/4	1,457.16	3/4	1,818.15	3/4	2,178.59	3/4	2,539.48	3/4	2,900.18	3/4	3,260.88
1	32.97	1	391.62	1	748.96	1	1,103.69	1	1,464.69	1	1,825.67	1	2,186.10	1	2,547.00	1	2,907.69	1	3,268.39
1/4	39.87	1/4	399.14	1/4	756.27	1/4	1,111.21	1/4	1,472.21	1/4	1,833.19	1/4	2,193.61	1/4	2,554.51	1/4	2,915.21	1/4	3,275.90
1/2	46.76	1/2	406.66	1/2	763.57	1/2	1,118.73	1/2	1,479.73	1/2	1,840.72	1/2	2,201.12	1/2	2,562.03	1/2	2,922.72	1/2	3,283.42
3/4	53.66	3/4	414.18	3/4	770.88	3/4	1,126.25	3/4	1,487.25	3/4	1,848.24	3/4	2,208.62	3/4	2,569.54	3/4	2,930.24	3/4	3,290.93
2	60.56	2	421.70	2	778.18	2	1,133.77	2	1,494.77	2	1,855.76	2	2,216.13	2	2,577.06	2	2,937.75	2	3,298.45
1/4	68.08	1/4	429.22	1/4	785.49	1/4	1,141.29	1/4	1,502.29	1/4	1,863.27	1/4	2,223.65	1/4	2,584.57	1/4	2,945.27	1/4	3,305.96
1/2	75.61	1/2	436.74	1/2	792.80	1/2	1,148.81	1/2	1,509.81	1/2	1,870.78	1/2	2,231.16	1/2	2,592.08	1/2	2,952.78	1/2	3,313.48
3/4	83.13	3/4	444.26	3/4	800.10	3/4	1,156.33	3/4	1,517.33	3/4	1,878.29	3/4	2,238.68	3/4	2,599.60	3/4	2,960.30	3/4	3,320.99
3	90.66	3	451.78	3	807.41	3	1,163.85	3	1,524.85	3	1,885.81	3	2,246.19	3	2,607.11	3	2,967.81	3	3,328.51
1/4	98.18	1/4	459.31	1/4	814.72	1/4	1,171.38	1/4	1,532.37	1/4	1,893.31	1/4	2,253.72	1/4	2,614.63	1/4	2,975.32	1/4	3,336.02
1/2	105.71	1/2	466.83	1/2	822.02	1/2	1,178.90	1/2	1,539.89	1/2	1,900.82	1/2	2,261.24	1/2	2,622.14	1/2	2,982.84	1/2	3,343.53
3/4	113.23	3/4	474.35	3/4	829.33	3/4	1,186.42	3/4	1,547.41	3/4	1,908.33	3/4	2,268.76	3/4	2,629.66	3/4	2,990.35	3/4	3,351.05
4	120.75	4	481.87	4	836.64	4	1,193.94	4	1,554.93	4	1,915.84	4	2,276.29	4	2,637.17	4	2,997.87	4	3,358.56
1/4	128.28	1/4	489.40	1/4	843.94	1/4	1,201.46	1/4	1,562.45	1/4	1,923.34	1/4	2,283.81	1/4	2,644.69	1/4	3,005.38	1/4	3,366.02
1/2	135.80	1/2	496.92	1/2	851.25	1/2	1,208.98	1/2	1,569.97	1/2	1,930.85	1/2	2,291.34	1/2	2,652.20	1/2	3,012.90	1/2	3,373.48
3/4	143.33	3/4	504.45	3/4	858.56	3/4	1,216.50	3/4	1,577.49	3/4	1,938.36	3/4	2,298.86	3/4	2,659.72	3/4	3,020.41	3/4	3,380.94
5	150.85	5	511.97	5	865.86	5	1,224.02	5	1,585.01	5	1,945.87	5	2,306.38	5	2,667.23	5	3,027.93	5	3,388.40
1/4	158.38	1/4	519.50	1/4	873.17	1/4	1,231.54	1/4	1,592.54	1/4	1,953.37	1/4	2,313.91	1/4	2,674.74	1/4	3,035.44	1/4	3,395.80
1/2	165.90	1/2	527.02	1/2	880.48	1/2	1,239.07	1/2	1,600.06	1/2	1,960.88	1/2	2,321.43	1/2	2,682.26	1/2	3,042.95	1/2	3,403.21
3/4	173.43	3/4	534.54	3/4	887.78	3/4	1,246.59	3/4	1,607.58	3/4	1,968.39	3/4	2,328.96	3/4	2,689.77	3/4	3,050.47	3/4	3,410.61
6	180.95	6	542.07	6	895.09	6	1,254.11	6	1,615.10	6	1,975.90	6	2,336.48	6	2,697.29	6	3,057.98	6	3,418.01
1/4	188.47	1/4	549.59	1/4	902.41	1/4	1,261.63	1/4	1,622.62	1/4	1,983.40	1/4	2,344.00	1/4	2,704.80	1/4	3,065.50	1/4	3,425.42
1/2	196.00	1/2	557.12	1/2	909.72	1/2	1,269.15	1/2	1,630.14	1/2	1,990.91	1/2	2,351.53	1/2	2,712.32	1/2	3,073.01	1/2	3,432.82
3/4	203.52	3/4	564.64	3/4	917.03	3/4	1,276.67	3/4	1,637.66	3/4	1,998.42	3/4	2,359.05	3/4	2,719.83	3/4	3,080.53	3/4	3,440.23
7	211.05	7	572.17	7	924.35	7	1,284.19	7	1,645.18	7	2,005.92	7	2,366.58	7	2,727.35	7	3,088.04	7	3,447.63
1/4	218.57	1/4	579.69	1/4	931.67	1/4	1,291.71	1/4	1,652.70	1/4	2,013.43	1/4	2,374.10	1/4	2,734.86	1/4	3,095.56	1/4	3,455.03
1/2	226.10	1/2	587.22	1/2	939.00	1/2	1,299.23	1/2	1,660.22	1/2	2,020.94	1/2	2,381.62	1/2	2,742.37	1/2	3,103.07	1/2	3,462.44
3/4	233.62	3/4	594.74	3/4	946.32	3/4	1,306.75	3/4	1,667.74	3/4	2,028.45	3/4	2,389.14	3/4	2,749.89	3/4	3,110.59	3/4	3,469.84
8	241.15	8	602.26	8	953.65	8	1,314.27	8	1,675.26	8	2,035.95	8	2,396.66	8	2,757.40	8	3,118.10	8	3,477.24
1/4	248.67	1/4	609.69	1/4	961.07	1/4	1,321.79	1/4	1,682.78	1/4	2,043.46	1/4	2,404.19	1/4	2,764.92	1/4	3,125.61	1/4	3,484.65
1/2	256.19	1/2	617.12	1/2	968.50	1/2	1,329.31	1/2	1,690.30	1/2	2,050.97	1/2	2,411.71	1/2	2,772.43	1/2	3,133.13	1/2	3,492.05
3/4	263.72	3/4	624.54	3/4	975.92	3/4	1,336.83	3/4	1,697.82	3/4	2,058.48	3/4	2,419.23	3/4	2,779.95	3/4	3,140.64	3/4	3,499.45
9	271.24	9	631.97	9	983.35	9	1,344.36	9	1,705.34	9	2,065.98	9	2,426.75	9	2,787.46	9	3,148.16	9	3,506.86
1/4	278.77	1/4	639.29	1/4	990.87	1/4	1,351.88	1/4	1,712.86	1/4	2,073.49	1/4	2,434.27	1/4	2,794.98	1/4	3,155.67	1/4	3,514.26
1/2	286.29	1/2	646.62	1/2	998.39	1/2	1,359.40	1/2	1,720.39	1/2	2,081.00	1/2	2,441.79	1/2	2,802.49	1/2	3,163.19	1/2	3,521.66
3/4	293.82	3/4	653.94	3/4	1,005.91	3/4	1,366.92	3/4	1,727.91	3/4	2,088.51	3/4	2,449.31	3/4	2,810.01	3/4	3,170.70	3/4	3,529.07
10	301.34	10	661.27	10	1,013.43	10	1,374.44	10	1,735.43	10	2,096.01	10	2,456.82	10	2,817.52	10	3,178.22	10	3,536.47
1/4	308.86	1/4	668.58	1/4	1,020.95	1/4	1,381.96	1/4	1,742.95	1/4	2,103.52	1/4	2,464.34	1/4	2,825.03	1/4	3,185.73	1/4	3,543.93
1/2	316.39	1/2	675.90	1/2	1,028.47	1/2	1,389.48	1/2	1,750.47	1/2	2,111.03	1/2	2,471.85	1/2	2,832.55	1/2	3,193.24	1/2	3,551.39
3/4	323.91	3/4	683.21	3/4	1,036.00	3/4	1,397.00	3/4	1,757.99	3/4	2,118.54	3/4	2,479.37	3/4	2,840.06	3/4	3,200.76	3/4	3,558.85
11	331.44	11	690.53	11	1,043.52	11	1,404.52	11	1,765.51	11	2,126.04	11	2,486.88	11	2,847.58	11	3,208.27	11	3,566.31
1/4	338.96	1/4	697.83	1/4	1,051.04	1/4	1,412.04	1/4	1,773.03	1/4	2,133.55	1/4	2,494.40	1/4	2,855.09	1/4	3,215.79	1/4	3,573.33
1/2	346.49	1/2	705.14	1/2	1,058.56	1/2	1,419.56	1/2	1,780.55	1/2	2,141.06	1/2	2,501.91	1/2	2,862.61	1/2	3,223.30	1/2	3,580.36
3/4	354.01	3/4	712.44	3/4	1,066.08	3/4	1,427.08	3/4	1,788.07	3/4	2,148.57	3/4	2,509.43	3/4	2,870.12	3/4	3,230.82	3/4	3,587.39

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 29110"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 308

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	3,594.42	0	3,863.53	0	4,129.23	0	4,380.83	0	4,614.20	0		0		0		0		0	
1/4	3,600.48	1/4	3,869.10	1/4	4,134.64	1/4	4,385.86	1/4	4,619.04	1/4		1/4		1/4		1/4		1/4	
1/2	3,606.53	1/2	3,874.67	1/2	4,140.05	1/2	4,390.90	1/2	4,623.88	1/2		1/2		1/2		1/2		1/2	
3/4	3,612.58	3/4	3,880.23	3/4	4,145.46	3/4	4,395.93	3/4	4,628.72	3/4		3/4		3/4		3/4		3/4	
1	3,618.64	1	3,885.80	1	4,150.86	1	4,400.96	1	4,633.56	1		1		1		1		1	
1/4	3,624.21	1/4	3,891.36	1/4	4,156.24	1/4	4,405.97	1/4	4,638.82	1/4		1/4		1/4		1/4		1/4	
1/2	3,629.77	1/2	3,896.93	1/2	4,161.62	1/2	4,410.97	1/2	4,644.08	1/2		1/2		1/2		1/2		1/2	
3/4	3,635.34	3/4	3,902.50	3/4	4,167.00	3/4	4,415.97	3/4	4,649.33	3/4		3/4		3/4		3/4		3/4	
2	3,640.90	2	3,908.06	2	4,172.38	2	4,420.98	2	4,654.59	2		2		2		2		2	
1/4	3,646.47	1/4	3,913.63	1/4	4,177.73	1/4	4,425.95	1/4	4,660.06	1/4		1/4		1/4		1/4		1/4	
1/2	3,652.03	1/2	3,919.19	1/2	4,183.09	1/2	4,430.93	1/2	4,665.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,657.60	3/4	3,924.76	3/4	4,188.44	3/4	4,435.90	3/4	4,670.99	3/4		3/4		3/4		3/4		3/4	
3	3,663.17	3	3,930.32	3	4,193.79	3	4,440.88	3	4,676.46	3		3		3		3		3	
1/4	3,668.73	1/4	3,935.89	1/4	4,199.11	1/4	4,445.83	1/4	4,681.83	1/4		1/4		1/4		1/4		1/4	
1/2	3,674.30	1/2	3,941.46	1/2	4,204.43	1/2	4,450.77	1/2	4,687.21	1/2		1/2		1/2		1/2		1/2	
3/4	3,679.86	3/4	3,947.02	3/4	4,209.76	3/4	4,455.72	3/4	4,692.58	3/4		3/4		3/4		3/4		3/4	
4	3,685.43	4	3,952.59	4	4,215.08	4	4,460.67	4	4,697.95	4		4		4		4		4	
1/4	3,690.99	1/4	3,958.15	1/4	4,220.37	1/4	4,465.59	1/4	4,702.57	1/4		1/4		1/4		1/4		1/4	
1/2	3,696.56	1/2	3,963.72	1/2	4,225.67	1/2	4,470.50	1/2	4,707.20	1/2		1/2		1/2		1/2		1/2	
3/4	3,702.13	3/4	3,969.28	3/4	4,230.96	3/4	4,475.42	3/4	4,711.82	3/4		3/4		3/4		3/4		3/4	
5	3,707.69	5	3,974.85	5	4,236.26	5	4,480.34	5	4,716.44	5		5		5		5		5	
1/4	3,713.26	1/4	3,980.42	1/4	4,241.52	1/4	4,485.23	1/4	4,719.65	1/4		1/4		1/4		1/4		1/4	
1/2	3,718.82	1/2	3,985.98	1/2	4,246.79	1/2	4,490.12	1/2	4,722.86	1/2		1/2		1/2		1/2		1/2	
3/4	3,724.39	3/4	3,991.55	3/4	4,252.05	3/4	4,495.01	3/4	4,726.07	3/4		3/4		3/4		3/4		3/4	
6	3,729.96	6	3,997.11	6	4,257.32	6	4,499.90	6	4,729.28	6		6		6		6		6	
1/4	3,735.52	1/4	4,002.68	1/4	4,262.55	1/4	4,504.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,741.09	1/2	4,008.24	1/2	4,267.79	1/2	4,509.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,746.65	3/4	4,013.80	3/4	4,273.03	3/4	4,514.48	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,752.22	7	4,019.36	7	4,278.26	7	4,519.34	7		7		7		7		7		7	
1/4	3,757.78	1/4	4,024.91	1/4	4,283.47	1/4	4,524.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,763.35	1/2	4,030.45	1/2	4,288.68	1/2	4,529.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,768.92	3/4	4,036.00	3/4	4,293.89	3/4	4,533.84	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,774.48	8	4,041.55	8	4,299.10	8	4,538.67	8		8		8		8		8		8	
1/4	3,780.05	1/4	4,047.07	1/4	4,304.26	1/4	4,543.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,785.61	1/2	4,052.60	1/2	4,309.42	1/2	4,548.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,791.18	3/4	4,058.12	3/4	4,314.59	3/4	4,553.09	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,796.75	9	4,063.64	9	4,319.75	9	4,557.89	9		9		9		9		9		9	
1/4	3,802.31	1/4	4,069.14	1/4	4,324.87	1/4	4,562.63	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,807.88	1/2	4,074.63	1/2	4,329.99	1/2	4,567.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,813.44	3/4	4,080.12	3/4	4,335.11	3/4	4,572.12	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,819.01	10	4,085.62	10	4,340.23	10	4,576.86	10		10		10		10		10		10	
1/4	3,824.57	1/4	4,091.08	1/4	4,345.32	1/4	4,581.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,830.14	1/2	4,096.55	1/2	4,350.41	1/2	4,586.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,835.71	3/4	4,102.02	3/4	4,355.50	3/4	4,590.90	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,841.27	11	4,107.48	11	4,360.59	11	4,595.59	11		11		11		11		11		11	
1/4	3,846.84	1/4	4,112.92	1/4	4,365.65	1/4	4,600.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,852.40	1/2	4,118.36	1/2	4,370.71	1/2	4,604.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,857.97	3/4	4,123.79	3/4	4,375.77	3/4	4,609.54	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/22/2022 CL
CALCULATED: 03/22/2022 CL
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 29110"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 308

GAUGE HEIGHT 15'-06 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	12.92	0	361.63	0	715.82	0	1,059.58	0	1,420.24	0	1,780.35	0	2,136.73	0	2,497.32	0	2,857.67	0	3,218.12
1/4	17.94	1/4	369.16	1/4	722.83	1/4	1,067.09	1/4	1,427.75	1/4	1,787.77	1/4	2,144.23	1/4	2,504.82	1/4	2,865.18	1/4	3,225.63
1/2	22.97	1/2	376.68	1/2	729.84	1/2	1,074.60	1/2	1,435.27	1/2	1,795.19	1/2	2,151.73	1/2	2,512.33	1/2	2,872.69	1/2	3,233.14
3/4	27.99	3/4	384.20	3/4	736.86	3/4	1,082.11	3/4	1,442.78	3/4	1,802.62	3/4	2,159.24	3/4	2,519.83	3/4	2,880.20	3/4	3,240.65
1	33.01	1	391.72	1	743.87	1	1,089.62	1	1,450.29	1	1,810.04	1	2,166.74	1	2,527.34	1	2,887.71	1	3,248.16
1/4	39.92	1/4	399.24	1/4	750.88	1/4	1,097.13	1/4	1,457.81	1/4	1,817.46	1/4	2,174.24	1/4	2,534.84	1/4	2,895.22	1/4	3,255.67
1/2	46.82	1/2	406.75	1/2	757.90	1/2	1,104.64	1/2	1,465.32	1/2	1,824.89	1/2	2,181.75	1/2	2,542.34	1/2	2,902.73	1/2	3,263.17
3/4	53.73	3/4	414.27	3/4	764.91	3/4	1,112.15	3/4	1,472.83	3/4	1,832.31	3/4	2,189.25	3/4	2,549.85	3/4	2,910.24	3/4	3,270.68
2	60.63	2	421.79	2	771.92	2	1,119.67	2	1,480.35	2	1,839.73	2	2,196.76	2	2,557.35	2	2,917.75	2	3,278.19
1/4	68.17	1/4	429.31	1/4	778.94	1/4	1,127.19	1/4	1,487.86	1/4	1,847.15	1/4	2,204.27	1/4	2,564.86	1/4	2,925.26	1/4	3,285.70
1/2	75.70	1/2	436.82	1/2	785.96	1/2	1,134.70	1/2	1,495.37	1/2	1,854.57	1/2	2,211.78	1/2	2,572.36	1/2	2,932.77	1/2	3,293.21
3/4	83.24	3/4	444.34	3/4	792.97	3/4	1,142.22	3/4	1,502.89	3/4	1,861.98	3/4	2,219.29	3/4	2,579.86	3/4	2,940.27	3/4	3,300.72
3	90.77	3	451.86	3	799.99	3	1,149.74	3	1,510.40	3	1,869.40	3	2,226.80	3	2,587.37	3	2,947.78	3	3,308.23
1/4	98.30	1/4	459.38	1/4	807.00	1/4	1,157.25	1/4	1,517.92	1/4	1,876.81	1/4	2,234.32	1/4	2,594.87	1/4	2,955.29	1/4	3,315.74
1/2	105.84	1/2	466.90	1/2	814.02	1/2	1,164.77	1/2	1,525.43	1/2	1,884.22	1/2	2,241.84	1/2	2,602.38	1/2	2,962.80	1/2	3,323.25
3/4	113.37	3/4	474.42	3/4	821.03	3/4	1,172.28	3/4	1,532.94	3/4	1,891.63	3/4	2,249.36	3/4	2,609.88	3/4	2,970.31	3/4	3,330.76
4	120.90	4	481.94	4	828.05	4	1,179.80	4	1,540.46	4	1,899.04	4	2,256.88	4	2,617.38	4	2,977.82	4	3,338.27
1/4	128.43	1/4	489.46	1/4	835.06	1/4	1,187.31	1/4	1,547.97	1/4	1,906.45	1/4	2,264.40	1/4	2,624.89	1/4	2,985.33	1/4	3,345.72
1/2	135.96	1/2	496.99	1/2	842.08	1/2	1,194.83	1/2	1,555.48	1/2	1,913.86	1/2	2,271.92	1/2	2,632.40	1/2	2,992.84	1/2	3,353.18
3/4	143.49	3/4	504.51	3/4	849.09	3/4	1,202.34	3/4	1,563.00	3/4	1,921.27	3/4	2,279.44	3/4	2,639.91	3/4	3,000.35	3/4	3,360.63
5	151.02	5	512.03	5	856.11	5	1,209.86	5	1,570.51	5	1,928.68	5	2,286.96	5	2,647.41	5	3,007.86	5	3,368.08
1/4	158.54	1/4	519.55	1/4	863.12	1/4	1,217.37	1/4	1,578.02	1/4	1,936.09	1/4	2,294.48	1/4	2,654.92	1/4	3,015.37	1/4	3,375.48
1/2	166.06	1/2	527.07	1/2	870.13	1/2	1,224.88	1/2	1,585.54	1/2	1,943.50	1/2	2,302.00	1/2	2,662.43	1/2	3,022.88	1/2	3,382.88
3/4	173.58	3/4	534.60	3/4	877.14	3/4	1,232.40	3/4	1,593.05	3/4	1,950.91	3/4	2,309.52	3/4	2,669.94	3/4	3,030.39	3/4	3,390.28
6	181.10	6	542.12	6	884.15	6	1,239.91	6	1,600.56	6	1,958.32	6	2,317.04	6	2,677.45	6	3,037.90	6	3,397.68
1/4	188.63	1/4	549.64	1/4	891.17	1/4	1,247.43	1/4	1,608.08	1/4	1,965.73	1/4	2,324.56	1/4	2,684.96	1/4	3,045.40	1/4	3,405.08
1/2	196.15	1/2	557.16	1/2	898.19	1/2	1,254.94	1/2	1,615.59	1/2	1,973.14	1/2	2,332.08	1/2	2,692.47	1/2	3,052.91	1/2	3,412.48
3/4	203.67	3/4	564.68	3/4	905.21	3/4	1,262.45	3/4	1,623.10	3/4	1,980.55	3/4	2,339.60	3/4	2,699.98	3/4	3,060.42	3/4	3,419.88
7	211.19	7	572.21	7	912.23	7	1,269.97	7	1,630.62	7	1,987.96	7	2,347.12	7	2,707.49	7	3,067.93	7	3,427.28
1/4	218.71	1/4	579.73	1/4	919.27	1/4	1,277.48	1/4	1,638.13	1/4	1,995.37	1/4	2,354.64	1/4	2,715.00	1/4	3,075.44	1/4	3,434.68
1/2	226.24	1/2	587.25	1/2	926.30	1/2	1,285.00	1/2	1,645.64	1/2	2,002.78	1/2	2,362.16	1/2	2,722.50	1/2	3,082.95	1/2	3,442.08
3/4	233.76	3/4	594.77	3/4	933.34	3/4	1,292.51	3/4	1,653.16	3/4	2,010.19	3/4	2,369.68	3/4	2,730.01	3/4	3,090.46	3/4	3,449.49
8	241.28	8	602.29	8	940.38	8	1,300.02	8	1,660.67	8	2,017.60	8	2,377.20	8	2,737.52	8	3,097.97	8	3,456.89
1/4	248.80	1/4	609.58	1/4	947.66	1/4	1,307.54	1/4	1,668.19	1/4	2,025.01	1/4	2,384.71	1/4	2,745.03	1/4	3,105.48	1/4	3,464.30
1/2	256.33	1/2	616.87	1/2	954.93	1/2	1,315.05	1/2	1,675.70	1/2	2,032.42	1/2	2,392.23	1/2	2,752.54	1/2	3,112.99	1/2	3,471.71
3/4	263.85	3/4	624.16	3/4	962.21	3/4	1,322.56	3/4	1,683.21	3/4	2,039.83	3/4	2,399.74	3/4	2,760.05	3/4	3,120.50	3/4	3,479.12
9	271.37	9	631.44	9	969.48	9	1,330.08	9	1,690.73	9	2,047.24	9	2,407.26	9	2,767.56	9	3,128.01	9	3,486.53
1/4	278.89	1/4	638.49	1/4	976.99	1/4	1,337.59	1/4	1,698.24	1/4	2,054.65	1/4	2,414.77	1/4	2,775.07	1/4	3,135.52	1/4	3,493.94
1/2	286.41	1/2	645.54	1/2	984.50	1/2	1,345.10	1/2	1,705.75	1/2	2,062.06	1/2	2,422.27	1/2	2,782.58	1/2	3,143.03	1/2	3,501.35
3/4	293.94	3/4	652.59	3/4	992.01	3/4	1,352.62	3/4	1,713.27	3/4	2,069.47	3/4	2,429.78	3/4	2,790.09	3/4	3,150.53	3/4	3,508.76
10	301.46	10	659.64	10	999.52	10	1,360.13	10	1,720.78	10	2,076.88	10	2,437.29	10	2,797.60	10	3,158.04	10	3,516.17
1/4	308.98	1/4	666.67	1/4	1,007.02	1/4	1,367.65	1/4	1,728.25	1/4	2,084.34	1/4	2,444.79	1/4	2,805.11	1/4	3,165.55	1/4	3,523.64
1/2	316.50	1/2	673.70	1/2	1,014.53	1/2	1,375.16	1/2	1,735.72	1/2	2,091.80	1/2	2,452.30	1/2	2,812.62	1/2	3,173.06	1/2	3,531.11
3/4	324.02	3/4	680.73	3/4	1,022.04	3/4	1,382.67	3/4	1,743.19	3/4	2,099.25	3/4	2,459.80	3/4	2,820.13	3/4	3,180.57	3/4	3,538.57
11	331.55	11	687.77	11	1,029.55	11	1,390.19	11	1,750.66	11	2,106.71	11	2,467.30	11	2,827.63	11	3,188.08	11	3,546.04
1/4	339.07	1/4	694.78	1/4	1,037.06	1/4	1,397.70	1/4	1,758.08	1/4	2,114.21	1/4	2,474.81	1/4	2,835.14	1/4	3,195.59	1/4	3,553.07
1/2	346.59	1/2	701.79	1/2	1,044.57	1/2	1,405.21	1/2	1,765.50	1/2	2,121.72	1/2	2,482.31	1/2	2,842.65	1/2	3,203.10	1/2	3,560.11
3/4	354.11	3/4	708.81	3/4	1,052.07	3/4	1,412.73	3/4	1,772.92	3/4	2,129.22	3/4	2,489.82	3/4	2,850.16	3/4	3,210.61	3/4	3,567.15

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 29110"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 308

GAUGE HEIGHT 15'-06 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,574.19	0	3,843.94	0	4,110.29	0	4,362.57	0	4,596.65	0		0		0		0		0	
1/4	3,580.25	1/4	3,849.52	1/4	4,115.71	1/4	4,367.61	1/4	4,601.50	1/4		1/4		1/4		1/4		1/4	
1/2	3,586.32	1/2	3,855.10	1/2	4,121.13	1/2	4,372.66	1/2	4,606.36	1/2		1/2		1/2		1/2		1/2	
3/4	3,592.39	3/4	3,860.68	3/4	4,126.55	3/4	4,377.71	3/4	4,611.22	3/4		3/4		3/4		3/4		3/4	
1	3,598.45	1	3,866.26	1	4,131.98	1	4,382.76	1	4,616.08	1		1		1		1		1	
1/4	3,604.03	1/4	3,871.84	1/4	4,137.37	1/4	4,387.77	1/4	4,621.35	1/4		1/4		1/4		1/4		1/4	
1/2	3,609.61	1/2	3,877.41	1/2	4,142.76	1/2	4,392.79	1/2	4,626.62	1/2		1/2		1/2		1/2		1/2	
3/4	3,615.19	3/4	3,882.99	3/4	4,148.16	3/4	4,397.81	3/4	4,631.89	3/4		3/4		3/4		3/4		3/4	
2	3,620.77	2	3,888.57	2	4,153.55	2	4,402.83	2	4,637.16	2		2		2		2		2	
1/4	3,626.35	1/4	3,894.15	1/4	4,158.92	1/4	4,407.82	1/4	4,642.64	1/4		1/4		1/4		1/4		1/4	
1/2	3,631.93	1/2	3,899.73	1/2	4,164.28	1/2	4,412.81	1/2	4,648.12	1/2		1/2		1/2		1/2		1/2	
3/4	3,637.51	3/4	3,905.31	3/4	4,169.65	3/4	4,417.80	3/4	4,653.60	3/4		3/4		3/4		3/4		3/4	
3	3,643.09	3	3,910.89	3	4,175.01	3	4,422.79	3	4,659.08	3		3		3		3		3	
1/4	3,648.67	1/4	3,916.47	1/4	4,180.35	1/4	4,427.75	1/4	4,664.47	1/4		1/4		1/4		1/4		1/4	
1/2	3,654.25	1/2	3,922.05	1/2	4,185.69	1/2	4,432.71	1/2	4,669.86	1/2		1/2		1/2		1/2		1/2	
3/4	3,659.83	3/4	3,927.63	3/4	4,191.02	3/4	4,437.68	3/4	4,675.24	3/4		3/4		3/4		3/4		3/4	
4	3,665.41	4	3,933.21	4	4,196.36	4	4,442.64	4	4,680.63	4		4		4		4		4	
1/4	3,670.98	1/4	3,938.79	1/4	4,201.67	1/4	4,447.57	1/4	4,685.27	1/4		1/4		1/4		1/4		1/4	
1/2	3,676.56	1/2	3,944.37	1/2	4,206.98	1/2	4,452.50	1/2	4,689.90	1/2		1/2		1/2		1/2		1/2	
3/4	3,682.14	3/4	3,949.94	3/4	4,212.28	3/4	4,457.44	3/4	4,694.53	3/4		3/4		3/4		3/4		3/4	
5	3,687.72	5	3,955.52	5	4,217.59	5	4,462.37	5	4,699.17	5		5		5		5		5	
1/4	3,693.30	1/4	3,961.10	1/4	4,222.87	1/4	4,467.28	1/4	4,702.39	1/4		1/4		1/4		1/4		1/4	
1/2	3,698.88	1/2	3,966.68	1/2	4,228.15	1/2	4,472.18	1/2	4,705.61	1/2		1/2		1/2		1/2		1/2	
3/4	3,704.46	3/4	3,972.26	3/4	4,232.43	3/4	4,477.08	3/4	4,708.83	3/4		3/4		3/4		3/4		3/4	
6	3,710.04	6	3,977.84	6	4,238.71	6	4,481.99	6	4,712.05	6		6		6		6		6	
1/4	3,715.62	1/4	3,983.42	1/4	4,243.96	1/4	4,486.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,721.20	1/2	3,988.99	1/2	4,249.21	1/2	4,491.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,726.78	3/4	3,994.57	3/4	4,254.46	3/4	4,496.62	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,732.36	7	4,000.14	7	4,259.71	7	4,501.49	7		7		7		7		7		7	
1/4	3,737.93	1/4	4,005.71	1/4	4,264.94	1/4	4,506.34	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,743.51	1/2	4,011.27	1/2	4,270.16	1/2	4,511.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,749.09	3/4	4,016.83	3/4	4,275.38	3/4	4,516.04	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,754.67	8	4,022.39	8	4,280.60	8	4,520.88	8		8		8		8		8		8	
1/4	3,760.25	1/4	4,027.93	1/4	4,285.78	1/4	4,525.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,765.83	1/2	4,033.46	1/2	4,290.96	1/2	4,530.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,771.41	3/4	4,039.00	3/4	4,296.14	3/4	4,535.34	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,776.99	9	4,044.54	9	4,301.31	9	4,540.16	9		9		9		9		9		9	
1/4	3,782.57	1/4	4,050.04	1/4	4,306.45	1/4	4,544.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,788.15	1/2	4,055.55	1/2	4,311.58	1/2	4,549.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,793.73	3/4	4,061.06	3/4	4,316.71	3/4	4,554.43	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,799.31	10	4,066.57	10	4,321.85	10	4,559.19	10		10		10		10		10		10	
1/4	3,804.89	1/4	4,072.05	1/4	4,326.95	1/4	4,563.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,810.46	1/2	4,077.53	1/2	4,332.05	1/2	4,568.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,816.04	3/4	4,083.00	3/4	4,337.16	3/4	4,573.28	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,821.62	11	4,088.48	11	4,342.26	11	4,577.98	11		11		11		11		11		11	
1/4	3,827.20	1/4	4,093.94	1/4	4,347.34	1/4	4,582.64	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,832.78	1/2	4,099.39	1/2	4,352.41	1/2	4,587.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,838.36	3/4	4,104.84	3/4	4,357.49	3/4	4,591.98	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/22/2022 CL
CALCULATED: 03/22/2022 CL
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 29110"

ULLAGE TRIM TABLE
FORMERLY: BKF 308

	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 29110"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 308

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	4,596.06	0	4,297.40	0	3,988.55	0	3,663.14	0	3,331.36	0	2,999.58	0	2,667.79	0	2,336.00	0	2,004.21
1/4		1/4	4,591.26	1/4	4,291.11	1/4	3,981.91	1/4	3,656.23	1/4	3,324.45	1/4	2,992.67	1/4	2,660.88	1/4	2,329.09	1/4	1,997.29
1/2		1/2	4,586.46	1/2	4,284.83	1/2	3,975.27	1/2	3,649.32	1/2	3,317.54	1/2	2,985.76	1/2	2,653.97	1/2	2,322.18	1/2	1,990.38
3/4		3/4	4,581.66	3/4	4,278.55	3/4	3,968.64	3/4	3,642.41	3/4	3,310.63	3/4	2,978.84	3/4	2,647.05	3/4	2,315.27	3/4	1,983.46
1		1	4,576.87	1	4,272.27	1	3,962.00	1	3,635.49	1	3,303.71	1	2,971.93	1	2,640.14	1	2,308.36	1	1,976.55
1/4		1/4	4,570.77	1/4	4,265.96	1/4	3,955.34	1/4	3,628.58	1/4	3,296.80	1/4	2,965.02	1/4	2,633.23	1/4	2,301.44	1/4	1,969.64
1/2		1/2	4,564.68	1/2	4,259.65	1/2	3,948.68	1/2	3,621.67	1/2	3,289.89	1/2	2,958.11	1/2	2,626.32	1/2	2,294.53	1/2	1,962.72
3/4		3/4	4,558.58	3/4	4,253.34	3/4	3,942.01	3/4	3,614.76	3/4	3,282.98	3/4	2,951.19	3/4	2,619.40	3/4	2,287.62	3/4	1,955.81
2		2	4,552.49	2	4,247.04	2	3,935.35	2	3,607.85	2	3,276.06	2	2,944.28	2	2,612.49	2	2,280.71	2	1,948.89
1/4		1/4	4,545.70	1/4	4,240.70	1/4	3,928.66	1/4	3,600.93	1/4	3,269.15	1/4	2,937.37	1/4	2,605.58	1/4	2,273.79	1/4	1,941.98
1/2		1/2	4,538.92	1/2	4,234.37	1/2	3,921.97	1/2	3,594.02	1/2	3,262.24	1/2	2,930.45	1/2	2,598.67	1/2	2,266.88	1/2	1,935.06
3/4		3/4	4,532.13	3/4	4,228.03	3/4	3,915.28	3/4	3,587.11	3/4	3,255.33	3/4	2,923.54	3/4	2,591.76	3/4	2,259.97	3/4	1,928.15
3		3	4,525.35	3	4,221.70	3	3,908.59	3	3,580.20	3	3,248.42	3	2,916.63	3	2,584.84	3	2,253.06	3	1,921.23
1/4		1/4	4,518.47	1/4	4,215.34	1/4	3,901.88	1/4	3,573.29	1/4	3,241.50	1/4	2,909.72	1/4	2,577.93	1/4	2,246.15	1/4	1,914.32
1/2		1/2	4,511.60	1/2	4,208.98	1/2	3,895.16	1/2	3,566.37	1/2	3,234.59	1/2	2,902.80	1/2	2,571.02	1/2	2,239.23	1/2	1,907.40
3/4		3/4	4,504.73	3/4	4,202.62	3/4	3,888.45	3/4	3,559.46	3/4	3,227.68	3/4	2,895.89	3/4	2,564.11	3/4	2,232.32	3/4	1,900.49
4		4	4,497.86	4	4,196.26	4	3,881.73	4	3,552.55	4	3,220.77	4	2,888.98	4	2,557.19	4	2,225.41	4	1,893.57
1/4		1/4	4,491.18	1/4	4,189.87	1/4	3,874.99	1/4	3,545.64	1/4	3,213.86	1/4	2,882.07	1/4	2,550.28	1/4	2,218.50	1/4	1,886.66
1/2		1/2	4,484.50	1/2	4,183.49	1/2	3,868.25	1/2	3,538.72	1/2	3,206.94	1/2	2,875.16	1/2	2,543.37	1/2	2,211.58	1/2	1,879.74
3/4		3/4	4,477.82	3/4	4,177.10	3/4	3,861.51	3/4	3,531.81	3/4	3,200.03	3/4	2,868.24	3/4	2,536.46	3/4	2,204.67	3/4	1,872.83
5		5	4,471.14	5	4,170.71	5	3,854.77	5	3,524.90	5	3,193.12	5	2,861.33	5	2,529.55	5	2,197.76	5	1,865.91
1/4		1/4	4,464.84	1/4	4,164.30	1/4	3,848.00	1/4	3,517.99	1/4	3,186.21	1/4	2,854.42	1/4	2,522.63	1/4	2,190.85	1/4	1,859.00
1/2		1/2	4,458.55	1/2	4,157.89	1/2	3,841.23	1/2	3,511.08	1/2	3,179.30	1/2	2,847.51	1/2	2,515.72	1/2	2,183.94	1/2	1,852.08
3/4		3/4	4,452.25	3/4	4,151.47	3/4	3,834.46	3/4	3,504.16	3/4	3,172.38	3/4	2,840.59	3/4	2,508.81	3/4	2,177.02	3/4	1,845.17
6		6	4,445.95	6	4,145.06	6	3,827.70	6	3,497.25	6	3,165.47	6	2,833.68	6	2,501.90	6	2,170.11	6	1,838.25
1/4		1/4	4,439.83	1/4	4,138.62	1/4	3,820.90	1/4	3,490.34	1/4	3,158.56	1/4	2,826.77	1/4	2,494.98	1/4	2,163.20	1/4	1,831.34
1/2		1/2	4,433.70	1/2	4,132.18	1/2	3,814.11	1/2	3,483.43	1/2	3,151.65	1/2	2,819.86	1/2	2,488.07	1/2	2,156.29	1/2	1,824.42
3/4		3/4	4,427.58	3/4	4,125.74	3/4	3,807.31	3/4	3,476.52	3/4	3,144.73	3/4	2,812.95	3/4	2,481.16	3/4	2,149.37	3/4	1,817.51
7		7	4,421.45	7	4,119.30	7	3,800.52	7	3,469.60	7	3,137.82	7	2,806.03	7	2,474.25	7	2,142.46	7	1,810.59
1/4		1/4	4,415.30	1/4	4,112.84	1/4	3,793.70	1/4	3,462.69	1/4	3,130.91	1/4	2,799.12	1/4	2,467.34	1/4	2,135.55	1/4	1,803.68
1/2		1/2	4,409.15	1/2	4,106.37	1/2	3,786.88	1/2	3,455.78	1/2	3,124.00	1/2	2,792.21	1/2	2,460.42	1/2	2,128.64	1/2	1,796.76
3/4		3/4	4,403.00	3/4	4,099.91	3/4	3,780.06	3/4	3,448.87	3/4	3,117.09	3/4	2,785.30	3/4	2,453.51	3/4	2,121.73	3/4	1,789.85
8		8	4,396.85	8	4,093.44	8	3,773.24	8	3,441.96	8	3,110.17	8	2,778.38	8	2,446.60	8	2,114.81	8	1,782.93
1/4		1/4	4,390.67	1/4	4,086.95	1/4	3,766.39	1/4	3,435.04	1/4	3,103.26	1/4	2,771.47	1/4	2,439.69	1/4	2,107.90	1/4	1,776.02
1/2		1/2	4,384.50	1/2	4,080.46	1/2	3,759.55	1/2	3,428.13	1/2	3,096.35	1/2	2,764.56	1/2	2,432.77	1/2	2,100.99	1/2	1,769.10
3/4		3/4	4,378.32	3/4	4,073.97	3/4	3,752.70	3/4	3,421.22	3/4	3,089.44	3/4	2,757.65	3/4	2,425.86	3/4	2,094.08	3/4	1,762.19
9		9	4,372.14	9	4,067.48	9	3,745.85	9	3,414.31	9	3,082.53	9	2,750.74	9	2,418.95	9	2,087.16	9	1,755.27
1/4		1/4	4,365.94	1/4	4,060.94	1/4	3,738.98	1/4	3,407.39	1/4	3,075.61	1/4	2,743.82	1/4	2,412.04	1/4	2,080.25	1/4	1,748.36
1/2		1/2	4,359.74	1/2	4,054.40	1/2	3,732.11	1/2	3,400.48	1/2	3,068.70	1/2	2,736.91	1/2	2,405.13	1/2	2,073.34	1/2	1,741.44
3/4		3/4	4,353.54	3/4	4,047.86	3/4	3,725.24	3/4	3,393.57	3/4	3,061.79	3/4	2,730.00	3/4	2,398.21	3/4	2,066.43	3/4	1,734.53
10		10	4,347.33	10	4,041.32	10	3,718.36	10	3,386.66	10	3,054.88	10	2,723.09	10	2,391.30	10	2,059.52	10	1,727.61
1/4		1/4	4,341.10	1/4	4,034.74	1/4	3,711.47	1/4	3,379.75	1/4	3,047.97	1/4	2,716.18	1/4	2,384.39	1/4	2,052.60	1/4	1,720.70
1/2		1/2	4,334.87	1/2	4,028.16	1/2	3,704.57	1/2	3,372.83	1/2	3,041.05	1/2	2,709.26	1/2	2,377.48	1/2	2,045.69	1/2	1,713.78
3/4		3/4	4,328.65	3/4	4,021.57	3/4	3,697.68	3/4	3,365.92	3/4	3,034.14	3/4	2,702.35	3/4	2,370.56	3/4	2,038.78	3/4	1,706.87
11		11	4,322.42	11	4,014.99	11	3,690.78	11	3,359.01	11	3,027.23	11	2,695.44	11	2,363.65	11	2,031.87	11	1,699.95
1/4		1/4	4,316.16	1/4	4,008.38	1/4	3,683.87	1/4	3,352.10	1/4	3,020.32	1/4	2,688.53	1/4	2,356.74	1/4	2,024.95	1/4	1,693.04
1/2		1/2	4,309.91	1/2	4,001.77	1/2	3,676.96	1/2	3,345.19	1/2	3,013.41	1/2	2,681.61	1/2	2,349.83	1/2	2,018.04	1/2	1,686.12
3/4		3/4	4,303.65	3/4	3,995.16	3/4	3,670.05	3/4	3,338.27	3/4	3,006.49	3/4	2,674.70	3/4	2,342.92	3/4	2,011.12	3/4	1,679.21

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 29110"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 308

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	1,672.29	0	1,340.38	0	1,008.82	0	692.13	0	398.80	0	127.54	0		0		0		0	
1/4	1,665.38	1/4	1,333.46	1/4	1,002.00	1/4	685.81	1/4	392.93	1/4	122.14	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,658.46	1/2	1,326.55	1/2	995.19	1/2	679.49	1/2	387.06	1/2	116.74	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,651.55	3/4	1,319.63	3/4	988.37	3/4	673.17	3/4	381.19	3/4	111.35	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,644.63	1	1,312.72	1	981.56	1	666.84	1	375.32	1	105.95	1	1	1	1	1	1	1	1
1/4	1,637.72	1/4	1,305.80	1/4	974.78	1/4	660.56	1/4	369.49	1/4	100.60	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,630.80	1/2	1,298.89	1/2	968.00	1/2	654.28	1/2	363.66	1/2	95.24	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,623.89	3/4	1,291.97	3/4	961.22	3/4	648.00	3/4	357.83	3/4	89.88	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,616.98	2	1,285.06	2	954.45	2	641.72	2	352.00	2	84.53	2	2	2	2	2	2	2	2
1/4	1,610.06	1/4	1,278.15	1/4	947.71	1/4	635.48	1/4	346.21	1/4	79.21	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,603.15	1/2	1,271.23	1/2	940.97	1/2	629.23	1/2	340.42	1/2	73.89	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,596.23	3/4	1,264.32	3/4	934.24	3/4	622.99	3/4	334.63	3/4	68.58	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,589.32	3	1,257.40	3	927.50	3	616.75	3	328.85	3	63.26	3	3	3	3	3	3	3	3
1/4	1,582.40	1/4	1,250.49	1/4	920.80	1/4	610.55	1/4	323.10	1/4	57.98	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,575.49	1/2	1,243.57	1/2	914.10	1/2	604.35	1/2	317.35	1/2	52.71	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,568.57	3/4	1,236.66	3/4	907.41	3/4	598.14	3/4	311.61	3/4	47.43	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,561.66	4	1,229.74	4	900.71	4	591.94	4	305.86	4	42.15	4	4	4	4	4	4	4	4
1/4	1,554.74	1/4	1,222.83	1/4	894.05	1/4	585.78	1/4	300.15	1/4	37.49	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,547.83	1/2	1,215.91	1/2	887.39	1/2	579.62	1/2	294.45	1/2	32.83	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,540.91	3/4	1,209.00	3/4	880.73	3/4	573.46	3/4	288.74	3/4	28.17	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,534.00	5	1,202.08	5	874.07	5	567.29	5	283.03	5	23.50	5	5	5	5	5	5	5	5
1/4	1,527.08	1/4	1,195.17	1/4	867.45	1/4	561.17	1/4	277.36	1/4	20.17	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,520.17	1/2	1,188.25	1/2	860.84	1/2	555.05	1/2	271.69	1/2	16.84	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,513.25	3/4	1,181.34	3/4	854.22	3/4	548.93	3/4	266.02	3/4	13.51	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,506.34	6	1,174.42	6	847.60	6	542.81	6	260.35	6	10.17	6	6	6	6	6	6	6	6
1/4	1,499.42	1/4	1,167.51	1/4	841.02	1/4	536.73	1/4	254.72	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,492.51	1/2	1,160.59	1/2	834.44	1/2	530.65	1/2	249.08	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,485.59	3/4	1,153.68	3/4	827.86	3/4	524.56	3/4	243.45	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,478.68	7	1,146.76	7	821.28	7	518.48	7	237.82	7		7	7	7	7	7	7	7	7
1/4	1,471.76	1/4	1,139.85	1/4	814.74	1/4	512.43	1/4	232.23	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,464.85	1/2	1,132.93	1/2	808.20	1/2	506.38	1/2	226.63	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,457.93	3/4	1,126.02	3/4	801.66	3/4	500.32	3/4	221.04	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,451.02	8	1,119.10	8	795.12	8	494.27	8	215.45	8		8	8	8	8	8	8	8	8
1/4	1,444.10	1/4	1,112.19	1/4	788.62	1/4	488.25	1/4	209.89	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,437.19	1/2	1,105.27	1/2	782.12	1/2	482.22	1/2	204.34	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,430.27	3/4	1,098.36	3/4	775.62	3/4	476.20	3/4	198.79	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,423.36	9	1,091.44	9	769.12	9	470.18	9	193.23	9		9	9	9	9	9	9	9	9
1/4	1,416.44	1/4	1,084.53	1/4	762.66	1/4	464.19	1/4	187.72	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,409.53	1/2	1,077.62	1/2	756.20	1/2	458.20	1/2	182.20	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,402.61	3/4	1,070.71	3/4	749.73	3/4	452.21	3/4	176.69	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,395.70	10	1,063.80	10	743.27	10	446.22	10	171.18	10		10	10	10	10	10	10	10	10
1/4	1,388.78	1/4	1,056.91	1/4	736.85	1/4	440.28	1/4	165.70	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,381.87	1/2	1,050.02	1/2	730.44	1/2	434.33	1/2	160.23	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,374.95	3/4	1,043.13	3/4	724.02	3/4	428.38	3/4	154.75	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,368.04	11	1,036.24	11	717.60	11	422.43	11	149.28	11		11	11	11	11	11	11	11	11
1/4	1,361.12	1/4	1,029.39	1/4	711.23	1/4	416.52	1/4	143.84	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,354.21	1/2	1,022.53	1/2	704.86	1/2	410.61	1/2	138.41	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,347.29	3/4	1,015.68	3/4	698.50	3/4	404.71	3/4	132.97	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: 03/22/2022 CL
CALCULATED: 03/22/2022 CL
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 29110"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 308

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	4,288.44	0	3,980.97	0	3,656.93	0	3,326.24	0	2,995.54	0	2,664.83	0	2,334.13	0	2,003.41
1/4		1/4	4,579.88	1/4	4,282.21	1/4	3,974.38	1/4	3,650.04	1/4	3,319.35	1/4	2,988.65	1/4	2,657.95	1/4	2,327.24	1/4	1,996.52
1/2		1/2	4,575.09	1/2	4,275.95	1/2	3,967.77	1/2	3,643.15	1/2	3,312.46	1/2	2,981.76	1/2	2,651.06	1/2	2,320.35	1/2	1,989.63
3/4		3/4	4,570.31	3/4	4,269.68	3/4	3,961.15	3/4	3,636.27	3/4	3,305.57	3/4	2,974.87	3/4	2,644.17	3/4	2,313.47	3/4	1,982.74
1		1	4,565.53	1	4,263.42	1	3,954.54	1	3,629.38	1	3,298.68	1	2,967.98	1	2,637.28	1	2,306.58	1	1,975.84
1/4		1/4	4,560.75	1/4	4,257.16	1/4	3,947.92	1/4	3,622.49	1/4	3,291.79	1/4	2,961.09	1/4	2,630.39	1/4	2,299.69	1/4	1,968.95
1/2		1/2	4,554.67	1/2	4,250.88	1/2	3,941.28	1/2	3,615.60	1/2	3,284.90	1/2	2,954.20	1/2	2,623.50	1/2	2,292.80	1/2	1,962.06
3/4		3/4	4,548.60	3/4	4,244.59	3/4	3,934.64	3/4	3,608.71	3/4	3,278.01	3/4	2,947.31	3/4	2,616.61	3/4	2,285.91	3/4	1,955.17
2		2	4,542.53	2	4,238.30	2	3,928.00	2	3,601.82	2	3,271.12	2	2,940.42	2	2,609.72	2	2,279.02	2	1,948.28
1/4		1/4	4,536.45	1/4	4,232.02	1/4	3,921.36	1/4	3,594.93	1/4	3,264.23	1/4	2,933.53	1/4	2,602.83	1/4	2,272.13	1/4	1,941.38
1/2		1/2	4,529.69	1/2	4,225.70	1/2	3,914.69	1/2	3,588.04	1/2	3,257.34	1/2	2,926.64	1/2	2,595.94	1/2	2,265.24	1/2	1,934.49
3/4		3/4	4,522.92	3/4	4,219.39	3/4	3,908.03	3/4	3,581.15	3/4	3,250.45	3/4	2,919.75	3/4	2,589.05	3/4	2,258.35	3/4	1,927.60
3		3	4,516.16	3	4,213.08	3	3,901.36	3	3,574.26	3	3,243.56	3	2,912.86	3	2,582.16	3	2,251.46	3	1,920.71
1/4		1/4	4,509.40	1/4	4,206.76	1/4	3,894.69	1/4	3,567.37	1/4	3,236.67	1/4	2,905.97	1/4	2,575.27	1/4	2,244.57	1/4	1,913.82
1/2		1/2	4,502.55	1/2	4,200.42	1/2	3,888.00	1/2	3,560.48	1/2	3,229.78	1/2	2,899.08	1/2	2,568.38	1/2	2,237.68	1/2	1,906.92
3/4		3/4	4,495.70	3/4	4,194.08	3/4	3,881.31	3/4	3,553.59	3/4	3,222.90	3/4	2,892.19	3/4	2,561.49	3/4	2,230.79	3/4	1,900.03
4		4	4,488.85	4	4,187.75	4	3,874.61	4	3,546.70	4	3,216.01	4	2,885.30	4	2,554.60	4	2,223.90	4	1,893.14
1/4		1/4	4,482.00	1/4	4,181.41	1/4	3,867.92	1/4	3,539.81	1/4	3,209.12	1/4	2,878.41	1/4	2,547.71	1/4	2,217.01	1/4	1,886.25
1/2		1/2	4,475.34	1/2	4,175.04	1/2	3,861.20	1/2	3,532.92	1/2	3,202.23	1/2	2,871.52	1/2	2,540.82	1/2	2,210.12	1/2	1,879.35
3/4		3/4	4,468.69	3/4	4,168.68	3/4	3,854.48	3/4	3,526.03	3/4	3,195.34	3/4	2,864.63	3/4	2,533.93	3/4	2,203.23	3/4	1,872.46
5		5	4,462.03	5	4,162.31	5	3,847.76	5	3,519.14	5	3,188.45	5	2,857.74	5	2,527.04	5	2,196.34	5	1,865.57
1/4		1/4	4,455.37	1/4	4,155.94	1/4	3,841.04	1/4	3,512.25	1/4	3,181.56	1/4	2,850.85	1/4	2,520.15	1/4	2,189.45	1/4	1,858.68
1/2		1/2	4,449.09	1/2	4,149.55	1/2	3,834.30	1/2	3,505.36	1/2	3,174.67	1/2	2,843.96	1/2	2,513.26	1/2	2,182.56	1/2	1,851.79
3/4		3/4	4,442.82	3/4	4,143.16	3/4	3,827.55	3/4	3,498.48	3/4	3,167.78	3/4	2,837.07	3/4	2,506.37	3/4	2,175.67	3/4	1,844.89
6		6	4,436.54	6	4,136.77	6	3,820.81	6	3,491.59	6	3,160.89	6	2,830.19	6	2,499.48	6	2,168.78	6	1,838.00
1/4		1/4	4,430.26	1/4	4,130.38	1/4	3,814.06	1/4	3,484.70	1/4	3,154.00	1/4	2,823.30	1/4	2,492.59	1/4	2,161.89	1/4	1,831.11
1/2		1/2	4,424.16	1/2	4,123.96	1/2	3,807.29	1/2	3,477.81	1/2	3,147.11	1/2	2,816.41	1/2	2,485.71	1/2	2,155.00	1/2	1,824.22
3/4		3/4	4,418.06	3/4	4,117.54	3/4	3,800.52	3/4	3,470.92	3/4	3,140.22	3/4	2,809.52	3/4	2,478.82	3/4	2,148.11	3/4	1,817.32
7		7	4,411.95	7	4,111.12	7	3,793.75	7	3,464.03	7	3,133.33	7	2,802.63	7	2,471.93	7	2,141.23	7	1,810.43
1/4		1/4	4,405.85	1/4	4,104.71	1/4	3,786.97	1/4	3,457.14	1/4	3,126.44	1/4	2,795.74	1/4	2,465.04	1/4	2,134.34	1/4	1,803.54
1/2		1/2	4,399.72	1/2	4,098.26	1/2	3,780.18	1/2	3,450.25	1/2	3,119.55	1/2	2,788.85	1/2	2,458.15	1/2	2,127.45	1/2	1,796.65
3/4		3/4	4,393.59	3/4	4,091.82	3/4	3,773.38	3/4	3,443.36	3/4	3,112.66	3/4	2,781.96	3/4	2,451.26	3/4	2,120.56	3/4	1,789.76
8		8	4,387.46	8	4,085.38	8	3,766.58	8	3,436.47	8	3,105.77	8	2,775.07	8	2,444.37	8	2,113.67	8	1,782.86
1/4		1/4	4,381.33	1/4	4,078.93	1/4	3,759.78	1/4	3,429.58	1/4	3,098.88	1/4	2,768.18	1/4	2,437.48	1/4	2,106.78	1/4	1,775.97
1/2		1/2	4,375.17	1/2	4,072.46	1/2	3,752.96	1/2	3,422.69	1/2	3,091.99	1/2	2,761.29	1/2	2,430.59	1/2	2,099.89	1/2	1,769.08
3/4		3/4	4,369.02	3/4	4,065.99	3/4	3,746.13	3/4	3,415.80	3/4	3,085.11	3/4	2,754.40	3/4	2,423.70	3/4	2,093.00	3/4	1,762.19
9		9	4,362.86	9	4,059.52	9	3,739.31	9	3,408.91	9	3,078.22	9	2,747.51	9	2,416.81	9	2,086.11	9	1,755.29
1/4		1/4	4,356.71	1/4	4,053.05	1/4	3,732.49	1/4	3,402.02	1/4	3,071.33	1/4	2,740.62	1/4	2,409.92	1/4	2,079.22	1/4	1,748.40
1/2		1/2	4,350.52	1/2	4,046.53	1/2	3,725.64	1/2	3,395.13	1/2	3,064.44	1/2	2,733.73	1/2	2,403.03	1/2	2,072.33	1/2	1,741.51
3/4		3/4	4,344.34	3/4	4,040.02	3/4	3,718.79	3/4	3,388.24	3/4	3,057.55	3/4	2,726.84	3/4	2,396.14	3/4	2,065.44	3/4	1,734.62
10		10	4,338.16	10	4,033.50	10	3,711.94	10	3,381.35	10	3,050.66	10	2,719.95	10	2,389.25	10	2,058.55	10	1,727.73
1/4		1/4	4,331.98	1/4	4,026.99	1/4	3,705.09	1/4	3,374.46	1/4	3,043.77	1/4	2,713.06	1/4	2,382.36	1/4	2,051.66	1/4	1,720.83
1/2		1/2	4,325.77	1/2	4,020.42	1/2	3,698.21	1/2	3,367.57	1/2	3,036.88	1/2	2,706.17	1/2	2,375.47	1/2	2,044.77	1/2	1,713.94
3/4		3/4	4,319.56	3/4	4,013.86	3/4	3,691.34	3/4	3,360.69	3/4	3,029.99	3/4	2,699.28	3/4	2,368.58	3/4	2,037.88	3/4	1,707.05
11		11	4,313.35	11	4,007.30	11	3,684.47	11	3,353.80	11	3,023.10	11	2,692.39	11	2,361.69	11	2,030.98	11	1,700.16
1/4		1/4	4,307.14	1/4	4,000.74	1/4	3,677.59	1/4	3,346.91	1/4	3,016.21	1/4	2,685.50	1/4	2,354.80	1/4	2,024.09	1/4	1,693.26
1/2		1/2	4,300.91	1/2	3,994.15	1/2	3,670.71	1/2	3,340.02	1/2	3,009.32	1/2	2,678.61	1/2	2,347.91	1/2	2,017.20	1/2	1,686.37
3/4		3/4	4,294.67	3/4	3,987.56	3/4	3,663.82	3/4	3,333.13	3/4	3,002.43	3/4	2,671.72	3/4	2,341.02	3/4	2,010.31	3/4	1,679.48

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 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 29110"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 308

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	1,672.59	0	1,341.76	0	1,011.26	0	696.11	0	403.32	0	132.51	0		0		0		0	
1/4	1,665.70	1/4	1,334.87	1/4	1,004.44	1/4	689.78	1/4	397.43	1/4	127.09	1/4		1/4		1/4		1/4	
1/2	1,658.80	1/2	1,327.98	1/2	997.67	1/2	683.48	1/2	391.58	1/2	121.72	1/2		1/2		1/2		1/2	
3/4	1,651.91	3/4	1,321.09	3/4	990.90	3/4	677.18	3/4	385.73	3/4	116.34	3/4		3/4		3/4		3/4	
1	1,645.02	1	1,314.19	1	984.12	1	670.88	1	379.88	1	110.96	1		1		1		1	
1/4	1,638.13	1/4	1,307.30	1/4	977.35	1/4	664.58	1/4	374.03	1/4	105.59	1/4		1/4		1/4		1/4	
1/2	1,631.23	1/2	1,300.41	1/2	970.62	1/2	658.32	1/2	368.22	1/2	100.25	1/2		1/2		1/2		1/2	
3/4	1,624.34	3/4	1,293.52	3/4	963.88	3/4	652.06	3/4	362.41	3/4	94.91	3/4		3/4		3/4		3/4	
2	1,617.45	2	1,286.62	2	957.15	2	645.80	2	356.60	2	89.57	2		2		2		2	
1/4	1,610.56	1/4	1,279.73	1/4	950.42	1/4	639.53	1/4	350.79	1/4	84.23	1/4		1/4		1/4		1/4	
1/2	1,603.67	1/2	1,272.84	1/2	943.72	1/2	633.31	1/2	345.02	1/2	78.94	1/2		1/2		1/2		1/2	
3/4	1,596.77	3/4	1,265.95	3/4	937.03	3/4	627.09	3/4	339.25	3/4	73.64	3/4		3/4		3/4		3/4	
3	1,589.88	3	1,259.06	3	930.34	3	620.87	3	333.48	3	68.34	3		3		3		3	
1/4	1,582.99	1/4	1,252.16	1/4	923.64	1/4	614.65	1/4	327.71	1/4	63.04	1/4		1/4		1/4		1/4	
1/2	1,576.10	1/2	1,245.27	1/2	916.99	1/2	608.47	1/2	321.99	1/2	57.78	1/2		1/2		1/2		1/2	
3/4	1,569.21	3/4	1,238.38	3/4	910.33	3/4	602.29	3/4	316.26	3/4	52.52	3/4		3/4		3/4		3/4	
4	1,562.31	4	1,231.49	4	903.68	4	596.10	4	310.53	4	47.26	4		4		4		4	
1/4	1,555.42	1/4	1,224.60	1/4	897.03	1/4	589.92	1/4	304.81	1/4	42.00	1/4		1/4		1/4		1/4	
1/2	1,548.53	1/2	1,217.70	1/2	890.41	1/2	583.78	1/2	299.12	1/2	37.36	1/2		1/2		1/2		1/2	
3/4	1,541.64	3/4	1,210.81	3/4	883.79	3/4	577.64	3/4	293.43	3/4	32.71	3/4		3/4		3/4		3/4	
5	1,534.74	5	1,203.92	5	877.18	5	571.50	5	287.74	5	28.07	5		5		5		5	
1/4	1,527.85	1/4	1,197.03	1/4	870.56	1/4	565.36	1/4	282.06	1/4	23.42	1/4		1/4		1/4		1/4	
1/2	1,520.96	1/2	1,190.13	1/2	863.99	1/2	559.26	1/2	276.41	1/2	20.10	1/2		1/2		1/2		1/2	
3/4	1,514.07	3/4	1,183.24	3/4	857.41	3/4	553.16	3/4	270.75	3/4	16.78	3/4		3/4		3/4		3/4	
6	1,507.18	6	1,176.35	6	850.84	6	547.06	6	265.10	6	13.46	6		6		6		6	
1/4	1,500.28	1/4	1,169.46	1/4	844.26	1/4	540.96	1/4	259.45	1/4	10.14	1/4		1/4		1/4		1/4	
1/2	1,493.39	1/2	1,162.57	1/2	837.73	1/2	534.90	1/2	253.84	1/2		1/2		1/2		1/2		1/2	
3/4	1,486.50	3/4	1,155.67	3/4	831.19	3/4	528.83	3/4	248.23	3/4		3/4		3/4		3/4		3/4	
7	1,479.61	7	1,148.78	7	824.65	7	522.77	7	242.61	7		7		7		7		7	
1/4	1,472.71	1/4	1,141.89	1/4	818.12	1/4	516.71	1/4	237.00	1/4		1/4		1/4		1/4		1/4	
1/2	1,465.82	1/2	1,135.00	1/2	811.62	1/2	510.68	1/2	231.43	1/2		1/2		1/2		1/2		1/2	
3/4	1,458.93	3/4	1,128.10	3/4	805.12	3/4	504.64	3/4	225.85	3/4		3/4		3/4		3/4		3/4	
8	1,452.04	8	1,121.21	8	798.62	8	498.61	8	220.28	8		8		8		8		8	
1/4	1,445.15	1/4	1,114.32	1/4	792.13	1/4	492.58	1/4	214.70	1/4		1/4		1/4		1/4		1/4	
1/2	1,438.25	1/2	1,107.43	1/2	785.67	1/2	486.58	1/2	209.17	1/2		1/2		1/2		1/2		1/2	
3/4	1,431.36	3/4	1,100.54	3/4	779.21	3/4	480.57	3/4	203.63	3/4		3/4		3/4		3/4		3/4	
9	1,424.47	9	1,093.64	9	772.75	9	474.57	9	198.10	9		9		9		9		9	
1/4	1,417.58	1/4	1,086.75	1/4	766.30	1/4	468.57	1/4	192.57	1/4		1/4		1/4		1/4		1/4	
1/2	1,410.68	1/2	1,079.86	1/2	759.88	1/2	462.60	1/2	187.07	1/2		1/2		1/2		1/2		1/2	
3/4	1,403.79	3/4	1,072.98	3/4	753.46	3/4	456.63	3/4	181.57	3/4		3/4		3/4		3/4		3/4	
10	1,396.90	10	1,066.09	10	747.04	10	450.66	10	176.08	10		10		10		10		10	
1/4	1,390.01	1/4	1,059.20	1/4	740.62	1/4	444.70	1/4	170.58	1/4		1/4		1/4		1/4		1/4	
1/2	1,383.12	1/2	1,052.33	1/2	734.25	1/2	438.77	1/2	165.13	1/2		1/2		1/2		1/2		1/2	
3/4	1,376.22	3/4	1,045.47	3/4	727.87	3/4	432.84	3/4	159.67	3/4		3/4		3/4		3/4		3/4	
11	1,369.33	11	1,038.60	11	721.50	11	426.91	11	154.22	11		11		11		11		11	
1/4	1,362.44	1/4	1,031.73	1/4	715.12	1/4	420.98	1/4	148.76	1/4		1/4		1/4		1/4		1/4	
1/2	1,355.55	1/2	1,024.91	1/2	708.78	1/2	415.10	1/2	143.34	1/2		1/2		1/2		1/2		1/2	
3/4	1,348.65	3/4	1,018.09	3/4	702.45	3/4	409.21	3/4	137.93	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/22/2022 CL
CALCULATED: 03/22/2022 CL
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 29110"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 308

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	5,212.26	0	4,851.48	0	4,471.25	0	4,083.20	0	3,695.15	0	3,307.09	0	2,919.04	0	2,530.96
1/4		1/4	5,554.23	1/4	5,204.94	1/4	4,843.75	1/4	4,463.17	1/4	4,075.11	1/4	3,687.06	1/4	3,299.01	1/4	2,910.95	1/4	2,522.87
1/2		1/2	5,548.62	1/2	5,197.60	1/2	4,835.99	1/2	4,455.08	1/2	4,067.03	1/2	3,678.98	1/2	3,290.92	1/2	2,902.87	1/2	2,514.79
3/4		3/4	5,543.01	3/4	5,190.25	3/4	4,828.23	3/4	4,447.00	3/4	4,058.95	3/4	3,670.89	3/4	3,282.84	3/4	2,894.78	3/4	2,506.70
1		1	5,537.40	1	5,182.91	1	4,820.46	1	4,438.91	1	4,050.86	1	3,662.81	1	3,274.76	1	2,886.70	1	2,498.61
1/4		1/4	5,531.79	1/4	5,175.56	1/4	4,812.70	1/4	4,430.83	1/4	4,042.78	1/4	3,654.73	1/4	3,266.67	1/4	2,878.61	1/4	2,490.52
1/2		1/2	5,524.66	1/2	5,168.18	1/2	4,804.91	1/2	4,422.74	1/2	4,034.69	1/2	3,646.64	1/2	3,258.59	1/2	2,870.53	1/2	2,482.44
3/4		3/4	5,517.53	3/4	5,160.81	3/4	4,797.12	3/4	4,414.66	3/4	4,026.61	3/4	3,638.56	3/4	3,250.50	3/4	2,862.45	3/4	2,474.35
2		2	5,510.40	2	5,153.43	2	4,789.32	2	4,406.58	2	4,018.52	2	3,630.47	2	3,242.42	2	2,854.36	2	2,466.26
1/4		1/4	5,503.27	1/4	5,146.05	1/4	4,781.53	1/4	4,398.49	1/4	4,010.44	1/4	3,622.39	1/4	3,234.33	1/4	2,846.28	1/4	2,458.17
1/2		1/2	5,495.34	1/2	5,138.64	1/2	4,773.71	1/2	4,390.41	1/2	4,002.36	1/2	3,614.30	1/2	3,226.25	1/2	2,838.19	1/2	2,450.09
3/4		3/4	5,487.40	3/4	5,131.24	3/4	4,765.88	3/4	4,382.32	3/4	3,994.27	3/4	3,606.22	3/4	3,218.16	3/4	2,830.11	3/4	2,442.00
3		3	5,479.46	3	5,123.83	3	4,758.06	3	4,374.24	3	3,986.19	3	3,598.14	3	3,210.08	3	2,822.02	3	2,433.91
1/4		1/4	5,471.52	1/4	5,116.42	1/4	4,750.24	1/4	4,366.15	1/4	3,978.10	1/4	3,590.05	1/4	3,201.99	1/4	2,813.94	1/4	2,425.82
1/2		1/2	5,463.49	1/2	5,108.98	1/2	4,742.38	1/2	4,358.07	1/2	3,970.02	1/2	3,581.97	1/2	3,193.91	1/2	2,805.85	1/2	2,417.74
3/4		3/4	5,455.45	3/4	5,101.55	3/4	4,734.53	3/4	4,349.98	3/4	3,961.93	3/4	3,573.88	3/4	3,185.83	3/4	2,797.77	3/4	2,409.65
4		4	5,447.41	4	5,094.11	4	4,726.68	4	4,341.90	4	3,953.85	4	3,565.80	4	3,177.74	4	2,789.69	4	2,401.56
1/4		1/4	5,439.38	1/4	5,086.67	1/4	4,718.82	1/4	4,333.82	1/4	3,945.76	1/4	3,557.71	1/4	3,169.66	1/4	2,781.60	1/4	2,393.47
1/2		1/2	5,431.57	1/2	5,079.20	1/2	4,710.94	1/2	4,325.73	1/2	3,937.68	1/2	3,549.63	1/2	3,161.57	1/2	2,773.52	1/2	2,385.39
3/4		3/4	5,423.75	3/4	5,071.73	3/4	4,703.05	3/4	4,317.65	3/4	3,929.60	3/4	3,541.54	3/4	3,153.49	3/4	2,765.43	3/4	2,377.30
5		5	5,415.94	5	5,064.26	5	4,695.17	5	4,309.56	5	3,921.51	5	3,533.46	5	3,145.40	5	2,757.35	5	2,369.21
1/4		1/4	5,408.13	1/4	5,056.79	1/4	4,687.28	1/4	4,301.48	1/4	3,913.43	1/4	3,525.37	1/4	3,137.32	1/4	2,749.26	1/4	2,361.12
1/2		1/2	5,400.77	1/2	5,049.29	1/2	4,679.37	1/2	4,293.39	1/2	3,905.34	1/2	3,517.29	1/2	3,129.23	1/2	2,741.18	1/2	2,353.03
3/4		3/4	5,393.40	3/4	5,041.79	3/4	4,671.45	3/4	4,285.31	3/4	3,897.26	3/4	3,509.21	3/4	3,121.15	3/4	2,733.09	3/4	2,344.95
6		6	5,386.04	6	5,034.29	6	4,663.54	6	4,277.22	6	3,889.17	6	3,501.12	6	3,113.07	6	2,725.01	6	2,336.86
1/4		1/4	5,378.67	1/4	5,026.79	1/4	4,655.62	1/4	4,269.14	1/4	3,881.09	1/4	3,493.04	1/4	3,104.98	1/4	2,716.92	1/4	2,328.77
1/2		1/2	5,371.51	1/2	5,019.26	1/2	4,647.68	1/2	4,261.06	1/2	3,873.00	1/2	3,484.95	1/2	3,096.90	1/2	2,708.84	1/2	2,320.68
3/4		3/4	5,364.35	3/4	5,011.73	3/4	4,639.73	3/4	4,252.97	3/4	3,864.92	3/4	3,476.87	3/4	3,088.81	3/4	2,700.76	3/4	2,312.60
7		7	5,357.19	7	5,004.20	7	4,631.78	7	4,244.89	7	3,856.84	7	3,468.78	7	3,080.73	7	2,692.67	7	2,304.51
1/4		1/4	5,350.02	1/4	4,996.67	1/4	4,623.84	1/4	4,236.80	1/4	3,848.75	1/4	3,460.70	1/4	3,072.64	1/4	2,684.59	1/4	2,296.42
1/2		1/2	5,342.83	1/2	4,989.11	1/2	4,615.86	1/2	4,228.72	1/2	3,840.67	1/2	3,452.61	1/2	3,064.56	1/2	2,676.50	1/2	2,288.33
3/4		3/4	5,335.64	3/4	4,981.55	3/4	4,607.88	3/4	4,220.63	3/4	3,832.58	3/4	3,444.53	3/4	3,056.47	3/4	2,668.42	3/4	2,280.25
8		8	5,328.45	8	4,973.99	8	4,599.91	8	4,212.55	8	3,824.50	8	3,436.45	8	3,048.39	8	2,660.33	8	2,272.16
1/4		1/4	5,321.25	1/4	4,966.43	1/4	4,591.93	1/4	4,204.47	1/4	3,816.41	1/4	3,428.36	1/4	3,040.30	1/4	2,652.25	1/4	2,264.07
1/2		1/2	5,314.03	1/2	4,958.84	1/2	4,583.92	1/2	4,196.38	1/2	3,808.33	1/2	3,420.28	1/2	3,032.22	1/2	2,644.16	1/2	2,255.98
3/4		3/4	5,306.81	3/4	4,951.24	3/4	4,575.91	3/4	4,188.30	3/4	3,800.25	3/4	3,412.19	3/4	3,024.14	3/4	2,636.08	3/4	2,247.90
9		9	5,299.58	9	4,943.65	9	4,567.91	9	4,180.21	9	3,792.16	9	3,404.11	9	3,016.05	9	2,628.00	9	2,239.81
1/4		1/4	5,292.36	1/4	4,936.06	1/4	4,559.90	1/4	4,172.13	1/4	3,784.08	1/4	3,396.02	1/4	3,007.97	1/4	2,619.91	1/4	2,231.72
1/2		1/2	5,285.11	1/2	4,928.41	1/2	4,551.86	1/2	4,164.04	1/2	3,775.99	1/2	3,387.94	1/2	2,999.88	1/2	2,611.83	1/2	2,223.63
3/4		3/4	5,277.85	3/4	4,920.77	3/4	4,543.82	3/4	4,155.96	3/4	3,767.91	3/4	3,379.85	3/4	2,991.80	3/4	2,603.74	3/4	2,215.55
10		10	5,270.60	10	4,913.12	10	4,535.78	10	4,147.87	10	3,759.82	10	3,371.77	10	2,983.71	10	2,595.66	10	2,207.46
1/4		1/4	5,263.34	1/4	4,905.48	1/4	4,527.75	1/4	4,139.79	1/4	3,751.74	1/4	3,363.68	1/4	2,975.63	1/4	2,587.57	1/4	2,199.37
1/2		1/2	5,256.06	1/2	4,897.77	1/2	4,519.68	1/2	4,131.71	1/2	3,743.65	1/2	3,355.60	1/2	2,967.54	1/2	2,579.49	1/2	2,191.28
3/4		3/4	5,248.78	3/4	4,890.07	3/4	4,511.62	3/4	4,123.62	3/4	3,735.57	3/4	3,347.52	3/4	2,959.46	3/4	2,571.40	3/4	2,183.20
11		11	5,241.49	11	4,882.37	11	4,503.55	11	4,115.54	11	3,727.49	11	3,339.43	11	2,951.38	11	2,563.31	11	2,175.11
1/4		1/4	5,234.21	1/4	4,874.67	1/4	4,495.49	1/4	4,107.45	1/4	3,719.40	1/4	3,331.35	1/4	2,943.29	1/4	2,555.22	1/4	2,167.02
1/2		1/2	5,226.89	1/2	4,866.94	1/2	4,487.41	1/2	4,099.37	1/2	3,711.32	1/2	3,323.26	1/2	2,935.21	1/2	2,547.14	1/2	2,158.93
3/4		3/4	5,219.57	3/4	4,859.21	3/4	4,479.33	3/4	4,091.28	3/4	3,703.23	3/4	3,315.18	3/4	2,927.12	3/4	2,539.05	3/4	2,150.84

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 29110"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 308

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	2,142.76	0	1,754.55	0	1,366.35	0	978.20	0	590.71	0	202.56	0		0		0		0	
1/4	2,134.67	1/4	1,746.46	1/4	1,358.26	1/4	970.13	1/4	582.62	1/4	194.47	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,126.58	1/2	1,738.38	1/2	1,350.17	1/2	962.06	1/2	574.54	1/2	186.38	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,118.49	3/4	1,730.29	3/4	1,342.08	3/4	953.99	3/4	566.45	3/4	178.29	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,110.41	1	1,722.20	1	1,334.00	1	945.93	1	558.36	1	170.21	1	1	1	1	1	1	1	1
1/4	2,102.32	1/4	1,714.11	1/4	1,325.91	1/4	937.86	1/4	550.27	1/4	162.12	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,094.23	1/2	1,706.03	1/2	1,317.82	1/2	929.80	1/2	542.19	1/2	154.03	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,086.14	3/4	1,697.94	3/4	1,309.73	3/4	921.73	3/4	534.10	3/4	145.94	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,078.06	2	1,689.85	2	1,301.65	2	913.67	2	526.01	2	137.85	2	2	2	2	2	2	2	2
1/4	2,069.97	1/4	1,681.76	1/4	1,293.56	1/4	905.60	1/4	517.92	1/4	129.77	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,061.88	1/2	1,673.68	1/2	1,285.47	1/2	897.53	1/2	509.84	1/2	121.68	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,053.79	3/4	1,665.59	3/4	1,277.38	3/4	889.47	3/4	501.75	3/4	113.59	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	2,045.71	3	1,657.50	3	1,269.30	3	881.40	3	493.67	3	105.50	3	3	3	3	3	3	3	3
1/4	2,037.62	1/4	1,649.41	1/4	1,261.21	1/4	873.34	1/4	485.58	1/4	97.42	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,029.53	1/2	1,641.33	1/2	1,253.12	1/2	865.27	1/2	477.50	1/2	89.33	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,021.44	3/4	1,633.24	3/4	1,245.03	3/4	857.21	3/4	469.41	3/4	81.24	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	2,013.36	4	1,625.15	4	1,236.95	4	849.14	4	461.33	4	73.15	4	4	4	4	4	4	4	4
1/4	2,005.27	1/4	1,617.06	1/4	1,228.86	1/4	841.07	1/4	453.25	1/4	65.07	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,997.18	1/2	1,608.98	1/2	1,220.77	1/2	833.01	1/2	445.16	1/2	57.65	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,989.09	3/4	1,600.89	3/4	1,212.68	3/4	824.94	3/4	437.08	3/4	50.24	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,981.01	5	1,592.80	5	1,204.60	5	816.88	5	429.00	5	42.83	5	5	5	5	5	5	5	5
1/4	1,972.92	1/4	1,584.71	1/4	1,196.51	1/4	808.82	1/4	420.91	1/4	35.41	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,964.83	1/2	1,576.63	1/2	1,188.42	1/2	800.75	1/2	412.83	1/2	30.02	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,956.74	3/4	1,568.54	3/4	1,180.33	3/4	792.69	3/4	404.74	3/4	24.63	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,948.65	6	1,560.45	6	1,172.25	6	784.63	6	396.66	6	19.24	6	6	6	6	6	6	6	6
1/4	1,940.57	1/4	1,552.36	1/4	1,164.16	1/4	776.56	1/4	388.57	1/4	13.85	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,932.48	1/2	1,544.27	1/2	1,156.07	1/2	768.50	1/2	380.48	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,924.39	3/4	1,536.19	3/4	1,147.98	3/4	760.44	3/4	372.40	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,916.30	7	1,528.10	7	1,139.89	7	752.37	7	364.31	7		7	7	7	7	7	7	7	7
1/4	1,908.22	1/4	1,520.01	1/4	1,131.81	1/4	744.31	1/4	356.22	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,900.13	1/2	1,511.92	1/2	1,123.72	1/2	736.23	1/2	348.13	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,892.04	3/4	1,503.84	3/4	1,115.63	3/4	728.16	3/4	340.04	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,883.95	8	1,495.75	8	1,107.54	8	720.09	8	331.96	8		8	8	8	8	8	8	8	8
1/4	1,875.87	1/4	1,487.66	1/4	1,099.46	1/4	712.01	1/4	323.87	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,867.78	1/2	1,479.57	1/2	1,091.37	1/2	703.93	1/2	315.78	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,859.69	3/4	1,471.49	3/4	1,083.28	3/4	695.84	3/4	307.69	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,851.60	9	1,463.40	9	1,075.19	9	687.76	9	299.61	9		9	9	9	9	9	9	9	9
1/4	1,843.52	1/4	1,455.31	1/4	1,067.11	1/4	679.68	1/4	291.52	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,835.43	1/2	1,447.22	1/2	1,059.02	1/2	671.59	1/2	283.43	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,827.34	3/4	1,439.14	3/4	1,050.93	3/4	663.50	3/4	275.34	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,819.25	10	1,431.05	10	1,042.84	10	655.41	10	267.26	10		10	10	10	10	10	10	10	10
1/4	1,811.17	1/4	1,422.96	1/4	1,034.76	1/4	647.33	1/4	259.17	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,803.08	1/2	1,414.87	1/2	1,026.67	1/2	639.24	1/2	251.08	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,794.99	3/4	1,406.79	3/4	1,018.59	3/4	631.15	3/4	242.99	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,786.90	11	1,398.70	11	1,010.50	11	623.06	11	234.91	11		11	11	11	11	11	11	11	11
1/4	1,778.82	1/4	1,390.61	1/4	1,002.42	1/4	614.98	1/4	226.82	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,770.73	1/2	1,382.52	1/2	994.35	1/2	606.89	1/2	218.73	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,762.64	3/4	1,374.44	3/4	986.27	3/4	598.80	3/4	210.64	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: 03/22/2022 CL
CALCULATED: 03/22/2022 CL
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 29110"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 308

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	5,173.91	0	4,813.99	0	4,434.67	0	4,047.58	0	3,660.47	0	3,273.36	0	2,886.26	0	2,499.13
1/4		1/4	5,515.06	1/4	5,166.62	1/4	4,806.28	1/4	4,426.61	1/4	4,039.51	1/4	3,652.41	1/4	3,265.30	1/4	2,878.19	1/4	2,491.06
1/2		1/2	5,509.47	1/2	5,159.29	1/2	4,798.54	1/2	4,418.55	1/2	4,031.45	1/2	3,644.35	1/2	3,257.23	1/2	2,870.13	1/2	2,482.99
3/4		3/4	5,503.87	3/4	5,151.96	3/4	4,790.79	3/4	4,410.48	3/4	4,023.38	3/4	3,636.28	3/4	3,249.17	3/4	2,862.06	3/4	2,474.92
1		1	5,498.27	1	5,144.63	1	4,783.05	1	4,402.42	1	4,015.32	1	3,628.22	1	3,241.10	1	2,854.00	1	2,466.85
1/4		1/4	5,492.67	1/4	5,137.30	1/4	4,775.31	1/4	4,394.35	1/4	4,007.25	1/4	3,620.15	1/4	3,233.04	1/4	2,845.93	1/4	2,458.79
1/2		1/2	5,485.56	1/2	5,129.94	1/2	4,767.53	1/2	4,386.29	1/2	3,999.19	1/2	3,612.09	1/2	3,224.97	1/2	2,837.87	1/2	2,450.72
3/4		3/4	5,478.45	3/4	5,122.58	3/4	4,759.76	3/4	4,378.22	3/4	3,991.12	3/4	3,604.02	3/4	3,216.91	3/4	2,829.80	3/4	2,442.65
2		2	5,471.34	2	5,115.22	2	4,751.98	2	4,370.16	2	3,983.06	2	3,595.95	2	3,208.84	2	2,821.74	2	2,434.58
1/4		1/4	5,464.23	1/4	5,107.86	1/4	4,744.21	1/4	4,362.09	1/4	3,974.99	1/4	3,587.89	1/4	3,200.78	1/4	2,813.67	1/4	2,426.51
1/2		1/2	5,456.32	1/2	5,100.47	1/2	4,736.41	1/2	4,354.03	1/2	3,966.93	1/2	3,579.82	1/2	3,192.72	1/2	2,805.61	1/2	2,418.45
3/4		3/4	5,448.40	3/4	5,093.08	3/4	4,728.60	3/4	4,345.97	3/4	3,958.86	3/4	3,571.76	3/4	3,184.65	3/4	2,797.55	3/4	2,410.38
3		3	5,440.48	3	5,085.69	3	4,720.80	3	4,337.90	3	3,950.80	3	3,563.69	3	3,176.59	3	2,789.48	3	2,402.31
1/4		1/4	5,432.57	1/4	5,078.30	1/4	4,712.99	1/4	4,329.84	1/4	3,942.74	1/4	3,555.63	1/4	3,168.52	1/4	2,781.42	1/4	2,394.24
1/2		1/2	5,424.55	1/2	5,070.88	1/2	4,705.16	1/2	4,321.77	1/2	3,934.67	1/2	3,547.56	1/2	3,160.46	1/2	2,773.35	1/2	2,386.18
3/4		3/4	5,416.53	3/4	5,063.46	3/4	4,697.32	3/4	4,313.71	3/4	3,926.61	3/4	3,539.50	3/4	3,152.39	3/4	2,765.29	3/4	2,378.11
4		4	5,408.51	4	5,056.04	4	4,689.49	4	4,305.64	4	3,918.54	4	3,531.43	4	3,144.33	4	2,757.22	4	2,370.04
1/4		1/4	5,400.50	1/4	5,048.62	1/4	4,681.65	1/4	4,297.58	1/4	3,910.48	1/4	3,523.37	1/4	3,136.26	1/4	2,749.16	1/4	2,361.97
1/2		1/2	5,392.70	1/2	5,041.17	1/2	4,673.79	1/2	4,289.51	1/2	3,902.41	1/2	3,515.30	1/2	3,128.20	1/2	2,741.09	1/2	2,353.90
3/4		3/4	5,384.91	3/4	5,033.72	3/4	4,665.92	3/4	4,281.45	3/4	3,894.35	3/4	3,507.24	3/4	3,120.13	3/4	2,733.03	3/4	2,345.84
5		5	5,377.12	5	5,026.26	5	4,658.06	5	4,273.38	5	3,886.28	5	3,499.17	5	3,112.07	5	2,724.96	5	2,337.77
1/4		1/4	5,369.33	1/4	5,018.81	1/4	4,650.19	1/4	4,265.32	1/4	3,878.22	1/4	3,491.11	1/4	3,104.00	1/4	2,716.90	1/4	2,329.70
1/2		1/2	5,361.98	1/2	5,011.33	1/2	4,642.29	1/2	4,257.26	1/2	3,870.15	1/2	3,483.04	1/2	3,095.94	1/2	2,708.83	1/2	2,321.63
3/4		3/4	5,354.63	3/4	5,003.85	3/4	4,634.40	3/4	4,249.19	3/4	3,862.09	3/4	3,474.98	3/4	3,087.87	3/4	2,700.77	3/4	2,313.57
6		6	5,347.28	6	4,996.37	6	4,626.50	6	4,241.13	6	3,854.03	6	3,466.92	6	3,079.81	6	2,692.70	6	2,305.50
1/4		1/4	5,339.94	1/4	4,988.89	1/4	4,618.61	1/4	4,233.06	1/4	3,845.96	1/4	3,458.85	1/4	3,071.74	1/4	2,684.64	1/4	2,297.43
1/2		1/2	5,332.79	1/2	4,981.37	1/2	4,610.68	1/2	4,225.00	1/2	3,837.90	1/2	3,450.79	1/2	3,063.68	1/2	2,676.57	1/2	2,289.36
3/4		3/4	5,325.65	3/4	4,973.86	3/4	4,602.75	3/4	4,216.93	3/4	3,829.83	3/4	3,442.72	3/4	3,055.62	3/4	2,668.51	3/4	2,281.29
7		7	5,318.50	7	4,966.35	7	4,594.82	7	4,208.87	7	3,821.77	7	3,434.66	7	3,047.55	7	2,660.45	7	2,273.23
1/4		1/4	5,311.36	1/4	4,958.84	1/4	4,586.90	1/4	4,200.80	1/4	3,813.70	1/4	3,426.59	1/4	3,039.49	1/4	2,652.38	1/4	2,265.16
1/2		1/2	5,304.18	1/2	4,951.29	1/2	4,578.94	1/2	4,192.74	1/2	3,805.64	1/2	3,418.53	1/2	3,031.42	1/2	2,644.32	1/2	2,257.09
3/4		3/4	5,297.00	3/4	4,943.75	3/4	4,570.98	3/4	4,184.67	3/4	3,797.57	3/4	3,410.46	3/4	3,023.36	3/4	2,636.25	3/4	2,249.02
8		8	5,289.83	8	4,936.21	8	4,563.02	8	4,176.61	8	3,789.51	8	3,402.40	8	3,015.29	8	2,628.19	8	2,240.96
1/4		1/4	5,282.65	1/4	4,928.66	1/4	4,555.07	1/4	4,168.54	1/4	3,781.44	1/4	3,394.33	1/4	3,007.23	1/4	2,620.12	1/4	2,232.89
1/2		1/2	5,275.45	1/2	4,921.09	1/2	4,547.08	1/2	4,160.48	1/2	3,773.38	1/2	3,386.27	1/2	2,999.16	1/2	2,612.06	1/2	2,224.82
3/4		3/4	5,268.24	3/4	4,913.52	3/4	4,539.09	3/4	4,152.42	3/4	3,765.31	3/4	3,378.20	3/4	2,991.10	3/4	2,603.99	3/4	2,216.75
9		9	5,261.03	9	4,905.94	9	4,531.10	9	4,144.35	9	3,757.25	9	3,370.14	9	2,983.03	9	2,595.93	9	2,208.68
1/4		1/4	5,253.83	1/4	4,898.37	1/4	4,523.11	1/4	4,136.29	1/4	3,749.19	1/4	3,362.07	1/4	2,974.97	1/4	2,587.86	1/4	2,200.62
1/2		1/2	5,246.59	1/2	4,890.74	1/2	4,515.10	1/2	4,128.22	1/2	3,741.12	1/2	3,354.01	1/2	2,966.90	1/2	2,579.80	1/2	2,192.55
3/4		3/4	5,239.35	3/4	4,883.11	3/4	4,507.08	3/4	4,120.16	3/4	3,733.06	3/4	3,345.94	3/4	2,958.84	3/4	2,571.73	3/4	2,184.48
10		10	5,232.12	10	4,875.48	10	4,499.06	10	4,112.09	10	3,724.99	10	3,337.88	10	2,950.77	10	2,563.67	10	2,176.41
1/4		1/4	5,224.88	1/4	4,867.86	1/4	4,491.04	1/4	4,104.03	1/4	3,716.93	1/4	3,329.82	1/4	2,942.71	1/4	2,555.60	1/4	2,168.35
1/2		1/2	5,217.61	1/2	4,860.17	1/2	4,482.99	1/2	4,095.96	1/2	3,708.86	1/2	3,321.75	1/2	2,934.64	1/2	2,547.54	1/2	2,160.28
3/4		3/4	5,210.34	3/4	4,852.49	3/4	4,474.95	3/4	4,087.90	3/4	3,700.80	3/4	3,313.69	3/4	2,926.58	3/4	2,539.47	3/4	2,152.21
11		11	5,203.08	11	4,844.81	11	4,466.90	11	4,079.83	11	3,692.73	11	3,305.62	11	2,918.52	11	2,531.40	11	2,144.14
1/4		1/4	5,195.81	1/4	4,837.13	1/4	4,458.86	1/4	4,071.77	1/4	3,684.67	1/4	3,297.56	1/4	2,910.45	1/4	2,523.33	1/4	2,136.07
1/2		1/2	5,188.51	1/2	4,829.42	1/2	4,450.80	1/2	4,063.70	1/2	3,676.60	1/2	3,289.49	1/2	2,902.39	1/2	2,515.26	1/2	2,128.01
3/4		3/4	5,181.21	3/4	4,821.70	3/4	4,442.73	3/4	4,055.64	3/4	3,668.54	3/4	3,281.43	3/4	2,894.32	3/4	2,507.19	3/4	2,119.94

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 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 29110"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 308

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	2,111.87	0	1,724.62	0	1,337.36	0	963.90	0	589.27	0	202.06	0		0		0		0	
1/4	2,103.80	1/4	1,716.55	1/4	1,329.29	1/4	956.15	1/4	581.20	1/4	193.99	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,095.74	1/2	1,708.48	1/2	1,321.38	1/2	948.41	1/2	573.13	1/2	185.92	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,087.67	3/4	1,700.41	3/4	1,313.46	3/4	940.67	3/4	565.07	3/4	177.86	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,079.60	1	1,692.35	1	1,305.55	1	932.93	1	557.00	1	169.79	1	1	1	1	1	1	1	1
1/4	2,071.53	1/4	1,684.28	1/4	1,297.63	1/4	925.19	1/4	548.93	1/4	161.72	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,063.46	1/2	1,676.21	1/2	1,289.87	1/2	917.45	1/2	540.86	1/2	153.65	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,055.40	3/4	1,668.14	3/4	1,282.11	3/4	909.71	3/4	532.79	3/4	145.58	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,047.33	2	1,660.07	2	1,274.35	2	901.97	2	524.73	2	137.52	2	2	2	2	2	2	2	2
1/4	2,039.26	1/4	1,652.01	1/4	1,266.58	1/4	894.23	1/4	516.66	1/4	129.45	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,031.19	1/2	1,643.94	1/2	1,258.82	1/2	886.49	1/2	508.59	1/2	121.38	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,023.12	3/4	1,635.87	3/4	1,251.06	3/4	878.75	3/4	500.53	3/4	113.31	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	2,015.06	3	1,627.80	3	1,243.30	3	871.01	3	492.46	3	105.25	3	3	3	3	3	3	3	3
1/4	2,006.99	1/4	1,619.73	1/4	1,235.53	1/4	863.26	1/4	484.39	1/4	97.18	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,998.92	1/2	1,611.67	1/2	1,227.77	1/2	855.52	1/2	476.33	1/2	89.11	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,990.85	3/4	1,603.60	3/4	1,220.01	3/4	847.78	3/4	468.27	3/4	81.04	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,982.79	4	1,595.53	4	1,212.25	4	840.04	4	460.20	4	72.97	4	4	4	4	4	4	4	4
1/4	1,974.72	1/4	1,587.46	1/4	1,204.48	1/4	832.30	1/4	452.14	1/4	64.91	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,966.65	1/2	1,579.40	1/2	1,196.72	1/2	824.56	1/2	444.08	1/2	57.51	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,958.58	3/4	1,571.33	3/4	1,188.96	3/4	816.82	3/4	436.01	3/4	50.12	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,950.51	5	1,563.26	5	1,181.20	5	809.08	5	427.95	5	42.72	5	5	5	5	5	5	5	5
1/4	1,942.45	1/4	1,555.19	1/4	1,173.43	1/4	801.34	1/4	419.89	1/4	35.32	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,934.38	1/2	1,547.12	1/2	1,165.67	1/2	793.61	1/2	411.82	1/2	29.95	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,926.31	3/4	1,539.06	3/4	1,157.91	3/4	785.87	3/4	403.75	3/4	24.57	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,918.24	6	1,530.99	6	1,150.15	6	778.13	6	395.69	6	19.19	6	6	6	6	6	6	6	6
1/4	1,910.18	1/4	1,522.92	1/4	1,142.38	1/4	770.39	1/4	387.62	1/4	13.81	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,902.11	1/2	1,514.85	1/2	1,134.62	1/2	762.65	1/2	379.55	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,894.04	3/4	1,506.79	3/4	1,126.86	3/4	754.91	3/4	371.48	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,885.97	7	1,498.72	7	1,119.10	7	747.17	7	363.42	7		7	7	7	7	7	7	7	7
1/4	1,877.90	1/4	1,490.65	1/4	1,111.33	1/4	739.43	1/4	355.35	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,869.84	1/2	1,482.58	1/2	1,103.57	1/2	731.69	1/2	347.28	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,861.77	3/4	1,474.51	3/4	1,095.81	3/4	723.94	3/4	339.21	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,853.70	8	1,466.45	8	1,088.05	8	716.19	8	331.14	8		8	8	8	8	8	8	8	8
1/4	1,845.63	1/4	1,458.38	1/4	1,080.28	1/4	708.44	1/4	323.08	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,837.57	1/2	1,450.31	1/2	1,072.52	1/2	700.68	1/2	315.01	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,829.50	3/4	1,442.24	3/4	1,064.76	3/4	692.92	3/4	306.94	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,821.43	9	1,434.18	9	1,057.00	9	685.16	9	298.87	9		9	9	9	9	9	9	9	9
1/4	1,813.36	1/4	1,426.11	1/4	1,049.23	1/4	677.40	1/4	290.81	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,805.29	1/2	1,418.04	1/2	1,041.47	1/2	669.49	1/2	282.74	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,797.23	3/4	1,409.97	3/4	1,033.71	3/4	661.57	3/4	274.67	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,789.16	10	1,401.90	10	1,025.95	10	653.66	10	266.60	10		10	10	10	10	10	10	10	10
1/4	1,781.09	1/4	1,393.84	1/4	1,018.18	1/4	645.74	1/4	258.53	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,773.02	1/2	1,385.77	1/2	1,010.42	1/2	637.68	1/2	250.47	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,764.96	3/4	1,377.70	3/4	1,002.66	3/4	629.61	3/4	242.40	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,756.89	11	1,369.63	11	994.91	11	621.54	11	234.33	11		11	11	11	11	11	11	11	11
1/4	1,748.82	1/4	1,361.57	1/4	987.15	1/4	613.47	1/4	226.26	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,740.75	1/2	1,353.50	1/2	979.40	1/2	605.40	1/2	218.20	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,732.68	3/4	1,345.43	3/4	971.65	3/4	597.34	3/4	210.13	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: 03/22/2022 CL
CALCULATED: 03/22/2022 CL
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 29110"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 308

GAUGE HEIGHT 15'-06"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0	4,729.28	0	4,499.90	0	4,257.32	0	3,997.11	0	3,729.96	0	3,418.01	0	3,057.98	0	2,697.29	0	2,336.48
1/4	1/4	4,726.07	1/4	4,495.01	1/4	4,252.05	1/4	3,991.55	1/4	3,724.39	1/4	3,410.61	1/4	3,050.47	1/4	2,689.77	1/4	2,328.96	1/4
1/2	1/2	4,722.86	1/2	4,490.12	1/2	4,246.79	1/2	3,985.98	1/2	3,718.82	1/2	3,403.21	1/2	3,042.95	1/2	2,682.26	1/2	2,321.43	1/2
3/4	3/4	4,719.65	3/4	4,485.23	3/4	4,241.52	3/4	3,980.42	3/4	3,713.26	3/4	3,395.80	3/4	3,035.44	3/4	2,674.74	3/4	2,313.91	3/4
1	1	4,716.44	1	4,480.34	1	4,236.26	1	3,974.85	1	3,707.69	1	3,388.40	1	3,027.93	1	2,667.23	1	2,306.38	1
1/4	1/4	4,711.82	1/4	4,475.42	1/4	4,230.96	1/4	3,969.28	1/4	3,702.13	1/4	3,380.94	1/4	3,020.41	1/4	2,659.72	1/4	2,298.86	1/4
1/2	1/2	4,707.20	1/2	4,470.50	1/2	4,225.67	1/2	3,963.72	1/2	3,696.56	1/2	3,373.48	1/2	3,012.90	1/2	2,652.20	1/2	2,291.34	1/2
3/4	3/4	4,702.57	3/4	4,465.59	3/4	4,220.37	3/4	3,958.15	3/4	3,690.99	3/4	3,366.02	3/4	3,005.38	3/4	2,644.69	3/4	2,283.81	3/4
2	2	4,697.95	2	4,460.67	2	4,215.08	2	3,952.59	2	3,685.43	2	3,358.56	2	2,997.87	2	2,637.17	2	2,276.29	2
1/4	1/4	4,692.58	1/4	4,455.72	1/4	4,209.76	1/4	3,947.02	1/4	3,679.86	1/4	3,351.05	1/4	2,990.35	1/4	2,629.66	1/4	2,268.76	1/4
1/2	1/2	4,687.21	1/2	4,450.77	1/2	4,204.43	1/2	3,941.46	1/2	3,674.30	1/2	3,343.53	1/2	2,982.84	1/2	2,622.14	1/2	2,261.24	1/2
3/4	3/4	4,681.83	3/4	4,445.83	3/4	4,199.11	3/4	3,935.89	3/4	3,668.73	3/4	3,336.02	3/4	2,975.32	3/4	2,614.63	3/4	2,253.72	3/4
3	3	4,676.46	3	4,440.88	3	4,193.79	3	3,930.32	3	3,663.17	3	3,328.51	3	2,967.81	3	2,607.11	3	2,246.19	3
1/4	1/4	4,670.99	1/4	4,435.90	1/4	4,188.44	1/4	3,924.76	1/4	3,657.60	1/4	3,320.99	1/4	2,960.30	1/4	2,599.60	1/4	2,238.68	1/4
1/2	1/2	4,665.53	1/2	4,430.93	1/2	4,183.09	1/2	3,919.19	1/2	3,652.03	1/2	3,313.48	1/2	2,952.78	1/2	2,592.08	1/2	2,231.16	1/2
3/4	3/4	4,660.06	3/4	4,425.95	3/4	4,177.73	3/4	3,913.63	3/4	3,646.47	3/4	3,305.96	3/4	2,945.27	3/4	2,584.57	3/4	2,223.65	3/4
4	4	4,654.59	4	4,420.98	4	4,172.38	4	3,908.06	4	3,640.90	4	3,298.45	4	2,937.75	4	2,577.06	4	2,216.13	4
1/4	1/4	4,649.33	1/4	4,415.97	1/4	4,167.00	1/4	3,902.50	1/4	3,635.34	1/4	3,290.93	1/4	2,930.24	1/4	2,569.54	1/4	2,208.62	1/4
1/2	1/2	4,644.08	1/2	4,410.97	1/2	4,161.62	1/2	3,896.93	1/2	3,629.77	1/2	3,283.42	1/2	2,922.72	1/2	2,562.03	1/2	2,201.12	1/2
3/4	3/4	4,638.82	3/4	4,405.97	3/4	4,156.24	3/4	3,891.36	3/4	3,624.21	3/4	3,275.90	3/4	2,915.21	3/4	2,554.51	3/4	2,193.61	3/4
5	5	4,633.56	5	4,400.96	5	4,150.86	5	3,885.80	5	3,618.64	5	3,268.39	5	2,907.69	5	2,547.00	5	2,186.10	5
1/4	1/4	4,628.72	1/4	4,395.93	1/4	4,145.46	1/4	3,880.23	1/4	3,612.58	1/4	3,260.88	1/4	2,900.18	1/4	2,539.48	1/4	2,178.59	1/4
1/2	1/2	4,623.88	1/2	4,390.90	1/2	4,140.05	1/2	3,874.67	1/2	3,606.53	1/2	3,253.36	1/2	2,892.66	1/2	2,531.97	1/2	2,171.09	1/2
3/4	3/4	4,619.04	3/4	4,385.86	3/4	4,134.64	3/4	3,869.10	3/4	3,600.48	3/4	3,245.85	3/4	2,885.15	3/4	2,524.45	3/4	2,163.58	3/4
6	6	4,614.20	6	4,380.83	6	4,129.23	6	3,863.53	6	3,594.42	6	3,238.33	6	2,877.64	6	2,516.94	6	2,156.07	6
1/4	1/4	4,609.54	1/4	4,375.77	1/4	4,123.79	1/4	3,857.97	1/4	3,587.39	1/4	3,230.82	1/4	2,870.12	1/4	2,509.43	1/4	2,148.57	1/4
1/2	1/2	4,604.89	1/2	4,370.71	1/2	4,118.36	1/2	3,852.40	1/2	3,580.36	1/2	3,223.30	1/2	2,862.61	1/2	2,501.91	1/2	2,141.06	1/2
3/4	3/4	4,600.24	3/4	4,365.65	3/4	4,112.92	3/4	3,846.84	3/4	3,573.33	3/4	3,215.79	3/4	2,855.09	3/4	2,494.40	3/4	2,133.55	3/4
7	7	4,595.59	7	4,360.59	7	4,107.48	7	3,841.27	7	3,566.31	7	3,208.27	7	2,847.58	7	2,486.88	7	2,126.04	7
1/4	1/4	4,590.90	1/4	4,355.50	1/4	4,102.02	1/4	3,835.71	1/4	3,558.85	1/4	3,200.76	1/4	2,840.06	1/4	2,479.37	1/4	2,118.54	1/4
1/2	1/2	4,586.22	1/2	4,350.41	1/2	4,096.55	1/2	3,830.14	1/2	3,551.39	1/2	3,193.24	1/2	2,832.55	1/2	2,471.85	1/2	2,111.03	1/2
3/4	3/4	4,581.54	3/4	4,345.32	3/4	4,091.08	3/4	3,824.57	3/4	3,543.93	3/4	3,185.73	3/4	2,825.03	3/4	2,464.34	3/4	2,103.52	3/4
8	8	4,576.86	8	4,340.23	8	4,085.62	8	3,819.01	8	3,536.47	8	3,178.22	8	2,817.52	8	2,456.82	8	2,096.01	8
1/4	1/4	4,572.12	1/4	4,335.11	1/4	4,080.12	1/4	3,813.44	1/4	3,529.07	1/4	3,170.70	1/4	2,810.01	1/4	2,449.31	1/4	2,088.51	1/4
1/2	1/2	4,567.38	1/2	4,329.99	1/2	4,074.63	1/2	3,807.88	1/2	3,521.66	1/2	3,163.19	1/2	2,802.49	1/2	2,441.79	1/2	2,081.00	1/2
3/4	3/4	4,562.63	3/4	4,324.87	3/4	4,069.14	3/4	3,802.31	3/4	3,514.26	3/4	3,155.67	3/4	2,794.98	3/4	2,434.27	3/4	2,073.49	3/4
9	9	4,557.89	9	4,319.75	9	4,063.64	9	3,796.75	9	3,506.86	9	3,148.16	9	2,787.46	9	2,426.75	9	2,065.98	9
1/4	1/4	4,553.09	1/4	4,314.59	1/4	4,058.12	1/4	3,791.18	1/4	3,499.45	1/4	3,140.64	1/4	2,779.95	1/4	2,419.23	1/4	2,058.48	1/4
1/2	1/2	4,548.28	1/2	4,309.42	1/2	4,052.60	1/2	3,785.61	1/2	3,492.05	1/2	3,133.13	1/2	2,772.43	1/2	2,411.71	1/2	2,050.97	1/2
3/4	3/4	4,543.48	3/4	4,304.26	3/4	4,047.07	3/4	3,780.05	3/4	3,484.65	3/4	3,125.61	3/4	2,764.92	3/4	2,404.19	3/4	2,043.46	3/4
10	10	4,538.67	10	4,299.10	10	4,041.55	10	3,774.48	10	3,477.24	10	3,118.10	10	2,757.40	10	2,396.66	10	2,035.95	10
1/4	1/4	4,533.84	1/4	4,293.89	1/4	4,036.00	1/4	3,768.92	1/4	3,469.84	1/4	3,110.59	1/4	2,749.89	1/4	2,389.14	1/4	2,028.45	1/4
1/2	1/2	4,529.01	1/2	4,288.68	1/2	4,030.45	1/2	3,763.35	1/2	3,462.44	1/2	3,103.07	1/2	2,742.37	1/2	2,381.62	1/2	2,020.94	1/2
3/4	3/4	4,524.18	3/4	4,283.47	3/4	4,024.91	3/4	3,757.78	3/4	3,455.03	3/4	3,095.56	3/4	2,734.86	3/4	2,374.10	3/4	2,013.43	3/4
11	11	4,519.34	11	4,278.26	11	4,019.36	11	3,752.22	11	3,447.63	11	3,088.04	11	2,727.35	11	2,366.58	11	2,005.92	11
1/4	1/4	4,514.48	1/4	4,273.03	1/4	4,013.80	1/4	3,746.65	1/4	3,440.23	1/4	3,080.53	1/4	2,719.83	1/4	2,359.05	1/4	1,998.42	1/4
1/2	1/2	4,509.62	1/2	4,267.79	1/2	4,008.24	1/2	3,741.09	1/2	3,432.82	1/2	3,073.01	1/2	2,712.32	1/2	2,351.53	1/2	1,990.91	1/2
3/4	3/4	4,504.76	3/4	4,262.55	3/4	4,002.68	3/4	3,735.52	3/4	3,425.42	3/4	3,065.50	3/4	2,704.80	3/4	2,344.00	3/4	1,983.40	3/4

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 29110"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 308

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	1,975.90	0	1,615.10	0	1,254.11	0	895.09	0	542.07	0	180.95	0		0		0		0	
1/4	1,968.39	1/4	1,607.58	1/4	1,246.59	1/4	887.78	1/4	534.54	1/4	173.43	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,960.88	1/2	1,600.06	1/2	1,239.07	1/2	880.48	1/2	527.02	1/2	165.90	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,953.37	3/4	1,592.54	3/4	1,231.54	3/4	873.17	3/4	519.50	3/4	158.38	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,945.87	1	1,585.01	1	1,224.02	1	865.86	1	511.97	1	150.85	1	1	1	1	1	1	1	1
1/4	1,938.36	1/4	1,577.49	1/4	1,216.50	1/4	858.56	1/4	504.45	1/4	143.33	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,930.85	1/2	1,569.97	1/2	1,208.98	1/2	851.25	1/2	496.92	1/2	135.80	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,923.34	3/4	1,562.45	3/4	1,201.46	3/4	843.94	3/4	489.40	3/4	128.28	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,915.84	2	1,554.93	2	1,193.94	2	836.64	2	481.87	2	120.75	2	2	2	2	2	2	2	2
1/4	1,908.33	1/4	1,547.41	1/4	1,186.42	1/4	829.33	1/4	474.35	1/4	113.23	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,900.82	1/2	1,539.89	1/2	1,178.90	1/2	822.02	1/2	466.83	1/2	105.71	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,893.31	3/4	1,532.37	3/4	1,171.38	3/4	814.72	3/4	459.31	3/4	98.18	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,885.81	3	1,524.85	3	1,163.85	3	807.41	3	451.78	3	90.66	3	3	3	3	3	3	3	3
1/4	1,878.29	1/4	1,517.33	1/4	1,156.33	1/4	800.10	1/4	444.26	1/4	83.13	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,870.78	1/2	1,509.81	1/2	1,148.81	1/2	792.80	1/2	436.74	1/2	75.61	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,863.27	3/4	1,502.29	3/4	1,141.29	3/4	785.49	3/4	429.22	3/4	68.08	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,855.76	4	1,494.77	4	1,133.77	4	778.18	4	421.70	4	60.56	4	4	4	4	4	4	4	4
1/4	1,848.24	1/4	1,487.25	1/4	1,126.25	1/4	770.88	1/4	414.18	1/4	53.66	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,840.72	1/2	1,479.73	1/2	1,118.73	1/2	763.57	1/2	406.66	1/2	46.76	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,833.19	3/4	1,472.21	3/4	1,111.21	3/4	756.27	3/4	399.14	3/4	39.87	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,825.67	5	1,464.69	5	1,103.69	5	748.96	5	391.62	5	32.97	5	5	5	5	5	5	5	5
1/4	1,818.15	1/4	1,457.16	1/4	1,096.16	1/4	741.66	1/4	384.10	1/4	27.95	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,810.63	1/2	1,449.64	1/2	1,088.64	1/2	734.36	1/2	376.58	1/2	22.94	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,803.11	3/4	1,442.12	3/4	1,081.12	3/4	727.05	3/4	369.06	3/4	17.92	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,795.59	6	1,434.60	6	1,073.60	6	719.75	6	361.54	6	12.91	6	6	6	6	6	6	6	6
1/4	1,788.07	1/4	1,427.08	1/4	1,066.08	1/4	712.44	1/4	354.01	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,780.55	1/2	1,419.56	1/2	1,058.56	1/2	705.14	1/2	346.49	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,773.03	3/4	1,412.04	3/4	1,051.04	3/4	697.83	3/4	338.96	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,765.51	7	1,404.52	7	1,043.52	7	690.53	7	331.44	7		7	7	7	7	7	7	7	7
1/4	1,757.99	1/4	1,397.00	1/4	1,036.00	1/4	683.21	1/4	323.91	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,750.47	1/2	1,389.48	1/2	1,028.47	1/2	675.90	1/2	316.39	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,742.95	3/4	1,381.96	3/4	1,020.95	3/4	668.58	3/4	308.86	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,735.43	8	1,374.44	8	1,013.43	8	661.27	8	301.34	8		8	8	8	8	8	8	8	8
1/4	1,727.91	1/4	1,366.92	1/4	1,005.91	1/4	653.94	1/4	293.82	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,720.39	1/2	1,359.40	1/2	998.39	1/2	646.62	1/2	286.29	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,712.86	3/4	1,351.88	3/4	990.87	3/4	639.29	3/4	278.77	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,705.34	9	1,344.36	9	983.35	9	631.97	9	271.24	9		9	9	9	9	9	9	9	9
1/4	1,697.82	1/4	1,336.83	1/4	975.92	1/4	624.54	1/4	263.72	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,690.30	1/2	1,329.31	1/2	968.50	1/2	617.12	1/2	256.19	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,682.78	3/4	1,321.79	3/4	961.07	3/4	609.69	3/4	248.67	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,675.26	10	1,314.27	10	953.65	10	602.26	10	241.15	10		10	10	10	10	10	10	10	10
1/4	1,667.74	1/4	1,306.75	1/4	946.32	1/4	594.74	1/4	233.62	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,660.22	1/2	1,299.23	1/2	939.00	1/2	587.22	1/2	226.10	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,652.70	3/4	1,291.71	3/4	931.67	3/4	579.69	3/4	218.57	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,645.18	11	1,284.19	11	924.35	11	572.17	11	211.05	11		11	11	11	11	11	11	11	11
1/4	1,637.66	1/4	1,276.67	1/4	917.03	1/4	564.64	1/4	203.52	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,630.14	1/2	1,269.15	1/2	909.72	1/2	557.12	1/2	196.00	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,622.62	3/4	1,261.63	3/4	902.41	3/4	549.59	3/4	188.47	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: 03/22/2022 CL
CALCULATED: 03/22/2022 CL
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 29110"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 308

GAUGE HEIGHT 15'-06 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0	4,496.62	0	4,254.46	0	3,994.57	0	3,726.78	0	3,419.88	0	3,060.42	0	2,699.98	0	2,339.60		
1/4	1/4	1/4	1/4	1/4	4,491.74	1/4	4,249.21	1/4	3,988.99	1/4	3,721.20	1/4	3,412.48	1/4	3,052.91	1/4	2,692.47	1/4	2,332.08		
1/2	1/2	1/2	1/2	1/2	4,486.87	1/2	4,243.96	1/2	3,983.42	1/2	3,715.62	1/2	3,405.08	1/2	3,045.40	1/2	2,684.96	1/2	2,324.56		
3/4	3/4	3/4	3/4	3/4	4,712.05	3/4	4,481.99	3/4	4,238.71	3/4	3,977.84	3/4	3,710.04	3/4	3,397.68	3/4	3,037.90	3/4	2,677.45	3/4	2,317.04
1	1	1	1	1	4,708.83	1	4,477.08	1	4,233.43	1	3,972.26	1	3,704.46	1	3,390.28	1	3,030.39	1	2,669.94	1	2,309.52
1/4	1/4	1/4	1/4	1/4	4,705.61	1/4	4,472.18	1/4	4,228.15	1/4	3,966.68	1/4	3,698.88	1/4	3,382.88	1/4	3,022.88	1/4	2,662.43	1/4	2,302.00
1/2	1/2	1/2	1/2	1/2	4,702.39	1/2	4,467.28	1/2	4,222.87	1/2	3,961.10	1/2	3,693.30	1/2	3,375.48	1/2	3,015.37	1/2	2,654.92	1/2	2,294.48
3/4	3/4	3/4	3/4	3/4	4,699.17	3/4	4,462.37	3/4	4,217.59	3/4	3,955.52	3/4	3,687.72	3/4	3,368.08	3/4	3,007.86	3/4	2,647.41	3/4	2,286.96
2	2	2	2	2	4,694.53	2	4,457.44	2	4,212.28	2	3,949.94	2	3,682.14	2	3,360.63	2	3,000.35	2	2,639.90	2	2,279.44
1/4	1/4	1/4	1/4	1/4	4,689.90	1/4	4,452.50	1/4	4,206.98	1/4	3,944.37	1/4	3,676.56	1/4	3,353.18	1/4	2,992.84	1/4	2,632.40	1/4	2,271.92
1/2	1/2	1/2	1/2	1/2	4,685.27	1/2	4,447.57	1/2	4,201.67	1/2	3,938.79	1/2	3,670.98	1/2	3,345.72	1/2	2,985.33	1/2	2,624.89	1/2	2,264.40
3/4	3/4	3/4	3/4	3/4	4,680.63	3/4	4,442.64	3/4	4,196.36	3/4	3,933.21	3/4	3,665.41	3/4	3,338.27	3/4	2,977.82	3/4	2,617.38	3/4	2,256.88
3	3	3	3	3	4,675.24	3	4,437.68	3	4,191.02	3	3,927.63	3	3,659.83	3	3,330.76	3	2,970.31	3	2,609.88	3	2,249.36
1/4	1/4	1/4	1/4	1/4	4,669.86	1/4	4,432.71	1/4	4,185.69	1/4	3,922.05	1/4	3,654.25	1/4	3,323.25	1/4	2,962.80	1/4	2,602.38	1/4	2,241.84
1/2	1/2	1/2	1/2	1/2	4,664.47	1/2	4,427.75	1/2	4,180.35	1/2	3,916.47	1/2	3,648.67	1/2	3,315.74	1/2	2,955.29	1/2	2,594.87	1/2	2,234.32
3/4	3/4	3/4	3/4	3/4	4,659.08	3/4	4,422.79	3/4	4,175.01	3/4	3,910.89	3/4	3,643.09	3/4	3,308.23	3/4	2,947.78	3/4	2,587.37	3/4	2,226.80
4	4	4	4	4	4,653.60	4	4,417.80	4	4,169.65	4	3,905.31	4	3,637.51	4	3,300.72	4	2,940.27	4	2,579.86	4	2,219.29
1/4	1/4	1/4	1/4	1/4	4,648.12	1/4	4,412.81	1/4	4,164.28	1/4	3,899.73	1/4	3,631.93	1/4	3,293.21	1/4	2,932.77	1/4	2,572.36	1/4	2,211.78
1/2	1/2	1/2	1/2	1/2	4,642.64	1/2	4,407.82	1/2	4,158.92	1/2	3,894.15	1/2	3,626.35	1/2	3,285.70	1/2	2,925.26	1/2	2,564.86	1/2	2,204.27
3/4	3/4	3/4	3/4	3/4	4,637.16	3/4	4,402.83	3/4	4,153.55	3/4	3,888.57	3/4	3,620.77	3/4	3,278.19	3/4	2,917.75	3/4	2,557.35	3/4	2,196.76
5	5	5	5	5	4,631.89	5	4,397.81	5	4,148.16	5	3,882.99	5	3,615.19	5	3,270.68	5	2,910.24	5	2,549.85	5	2,189.25
1/4	1/4	1/4	1/4	1/4	4,626.62	1/4	4,392.79	1/4	4,142.76	1/4	3,877.41	1/4	3,609.61	1/4	3,263.17	1/4	2,902.73	1/4	2,542.34	1/4	2,181.75
1/2	1/2	1/2	1/2	1/2	4,621.35	1/2	4,387.77	1/2	4,137.37	1/2	3,871.84	1/2	3,604.03	1/2	3,255.66	1/2	2,895.22	1/2	2,534.84	1/2	2,174.24
3/4	3/4	3/4	3/4	3/4	4,616.08	3/4	4,382.76	3/4	4,131.98	3/4	3,866.26	3/4	3,598.45	3/4	3,248.16	3/4	2,887.71	3/4	2,527.34	3/4	2,166.74
6	6	6	6	6	4,611.22	6	4,377.71	6	4,126.55	6	3,860.68	6	3,592.39	6	3,240.65	6	2,880.20	6	2,519.83	6	2,159.24
1/4	1/4	1/4	1/4	1/4	4,606.36	1/4	4,372.66	1/4	4,121.13	1/4	3,855.10	1/4	3,586.32	1/4	3,233.14	1/4	2,872.69	1/4	2,512.33	1/4	2,151.73
1/2	1/2	1/2	1/2	1/2	4,601.50	1/2	4,367.61	1/2	4,115.71	1/2	3,849.52	1/2	3,580.25	1/2	3,225.63	1/2	2,865.18	1/2	2,504.82	1/2	2,144.23
3/4	3/4	3/4	3/4	3/4	4,596.65	3/4	4,362.57	3/4	4,110.29	3/4	3,843.94	3/4	3,574.19	3/4	3,218.12	3/4	2,857.67	3/4	2,497.32	3/4	2,136.73
7	7	7	7	7	4,591.98	7	4,357.49	7	4,104.84	7	3,838.36	7	3,567.15	7	3,210.61	7	2,850.16	7	2,489.82	7	2,129.22
1/4	1/4	1/4	1/4	1/4	4,587.31	1/4	4,352.41	1/4	4,099.39	1/4	3,832.78	1/4	3,560.11	1/4	3,203.10	1/4	2,842.65	1/4	2,482.31	1/4	2,121.72
1/2	1/2	1/2	1/2	1/2	4,582.64	1/2	4,347.34	1/2	4,093.94	1/2	3,827.20	1/2	3,553.07	1/2	3,195.59	1/2	2,835.14	1/2	2,474.81	1/2	2,114.21
3/4	3/4	3/4	3/4	3/4	4,577.98	3/4	4,342.26	3/4	4,088.48	3/4	3,821.62	3/4	3,546.04	3/4	3,188.08	3/4	2,827.63	3/4	2,467.30	3/4	2,106.71
8	8	8	8	8	4,573.28	8	4,337.16	8	4,083.00	8	3,816.04	8	3,538.57	8	3,180.57	8	2,820.13	8	2,459.80	8	2,099.25
1/4	1/4	1/4	1/4	1/4	4,568.58	1/4	4,332.05	1/4	4,077.53	1/4	3,810.46	1/4	3,531.11	1/4	3,173.06	1/4	2,812.62	1/4	2,452.30	1/4	2,091.80
1/2	1/2	1/2	1/2	1/2	4,563.89	1/2	4,326.95	1/2	4,072.05	1/2	3,804.89	1/2	3,523.64	1/2	3,165.55	1/2	2,805.11	1/2	2,444.79	1/2	2,084.34
3/4	3/4	3/4	3/4	3/4	4,559.19	3/4	4,321.85	3/4	4,066.57	3/4	3,799.31	3/4	3,516.17	3/4	3,158.04	3/4	2,797.60	3/4	2,437.29	3/4	2,076.88
9	9	9	9	9	4,554.43	9	4,316.71	9	4,061.06	9	3,793.73	9	3,508.76	9	3,150.53	9	2,790.09	9	2,429.78	9	2,069.47
1/4	1/4	1/4	1/4	1/4	4,549.68	1/4	4,311.58	1/4	4,055.55	1/4	3,788.15	1/4	3,501.35	1/4	3,143.03	1/4	2,782.58	1/4	2,422.27	1/4	2,062.06
1/2	1/2	1/2	1/2	1/2	4,544.92	1/2	4,306.45	1/2	4,050.04	1/2	3,782.57	1/2	3,493.94	1/2	3,135.52	1/2	2,775.07	1/2	2,414.77	1/2	2,054.65
3/4	3/4	3/4	3/4	3/4	4,540.16	3/4	4,301.31	3/4	4,044.54	3/4	3,776.99	3/4	3,486.53	3/4	3,128.01	3/4	2,767.56	3/4	2,407.26	3/4	2,047.24
10	10	10	10	10	4,535.34	10	4,296.14	10	4,039.00	10	3,771.41	10	3,479.12	10	3,120.50	10	2,760.05	10	2,399.74	10	2,039.83
1/4	1/4	1/4	1/4	1/4	4,530.52	1/4	4,290.96	1/4	4,033.46	1/4	3,765.83	1/4	3,471.71	1/4	3,112.99	1/4	2,752.54	1/4	2,392.23	1/4	2,032.42
1/2	1/2	1/2	1/2	1/2	4,525.70	1/2	4,285.78	1/2	4,027.93	1/2	3,760.25	1/2	3,464.30	1/2	3,105.48	1/2	2,745.03	1/2	2,384.71	1/2	2,025.01
3/4	3/4	3/4	3/4	3/4	4,520.88	3/4	4,280.60	3/4	4,022.39	3/4	3,754.67	3/4	3,456.89	3/4	3,097.97	3/4	2,737.52	3/4	2,377.20	3/4	2,017.60
11	11	11	11	11	4,516.04	11	4,275.38	11	4,016.83	11	3,749.09	11	3,449.49	11	3,090.46	11	2,730.01	11	2,369.68	11	2,010.19
1/4	1/4	1/4	1/4	1/4	4,511.19	1/4	4,270.16	1/4	4,011.27	1/4	3,743.51	1/4	3,442.08	1/4	3,082.95	1/4	2,722.50	1/4	2,362.16	1/4	2,002.78
1/2	1/2	1/2	1/2	1/2	4,506.34	1/2	4,264.94	1/2	4,005.71	1/2	3,737.93	1/2	3,434.68	1/2	3,075.44	1/2	2,715.00	1/2	2,354.64	1/2	1,995.37
3/4	3/4	3/4	3/4	3/4	4,501.49	3/4	4,259.71	3/4	4,000.14	3/4	3,732.36	3/4	3,427.28	3/4	3,067.93	3/4	2,707.49	3/4	2,347.12	3/4	1,987.96

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 29110"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BKF 308

GAUGE HEIGHT 15'-06 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,980.55	0	1,623.10	0	1,262.45	0	905.21	0	564.68	0	203.67	0		0		0		0	
1/4	1,973.14	1/4	1,615.59	1/4	1,254.94	1/4	898.19	1/4	557.16	1/4	196.15	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,965.73	1/2	1,608.08	1/2	1,247.43	1/2	891.17	1/2	549.64	1/2	188.63	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,958.32	3/4	1,600.56	3/4	1,239.91	3/4	884.15	3/4	542.12	3/4	181.10	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,950.91	1	1,593.05	1	1,232.40	1	877.14	1	534.60	1	173.58	1	1	1	1	1	1	1	1
1/4	1,943.50	1/4	1,585.54	1/4	1,224.88	1/4	870.13	1/4	527.07	1/4	166.06	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,936.09	1/2	1,578.02	1/2	1,217.37	1/2	863.12	1/2	519.55	1/2	158.54	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,928.68	3/4	1,570.51	3/4	1,209.86	3/4	856.11	3/4	512.03	3/4	151.02	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,921.27	2	1,563.00	2	1,202.34	2	849.09	2	504.51	2	143.49	2	2	2	2	2	2	2	2
1/4	1,913.86	1/4	1,555.48	1/4	1,194.83	1/4	842.08	1/4	496.99	1/4	135.96	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,906.45	1/2	1,547.97	1/2	1,187.31	1/2	835.06	1/2	489.46	1/2	128.43	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,899.04	3/4	1,540.46	3/4	1,179.80	3/4	828.05	3/4	481.94	3/4	120.90	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,891.63	3	1,532.94	3	1,172.28	3	821.03	3	474.42	3	113.37	3	3	3	3	3	3	3	3
1/4	1,884.22	1/4	1,525.43	1/4	1,164.77	1/4	814.02	1/4	466.90	1/4	105.84	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,876.81	1/2	1,517.92	1/2	1,157.25	1/2	807.00	1/2	459.38	1/2	98.30	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,869.40	3/4	1,510.40	3/4	1,149.74	3/4	799.99	3/4	451.86	3/4	90.77	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,861.98	4	1,502.89	4	1,142.22	4	792.97	4	444.34	4	83.24	4	4	4	4	4	4	4	4
1/4	1,854.57	1/4	1,495.37	1/4	1,134.70	1/4	785.96	1/4	436.82	1/4	75.70	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,847.15	1/2	1,487.86	1/2	1,127.19	1/2	778.94	1/2	429.31	1/2	68.17	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,839.73	3/4	1,480.35	3/4	1,119.67	3/4	771.92	3/4	421.79	3/4	60.63	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,832.31	5	1,472.83	5	1,112.15	5	764.91	5	414.27	5	53.73	5	5	5	5	5	5	5	5
1/4	1,824.89	1/4	1,465.32	1/4	1,104.64	1/4	757.90	1/4	406.75	1/4	46.22	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,817.46	1/2	1,457.81	1/2	1,097.13	1/2	750.88	1/2	399.24	1/2	39.92	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,810.04	3/4	1,450.29	3/4	1,089.62	3/4	743.87	3/4	391.72	3/4	33.01	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,802.62	6	1,442.78	6	1,082.11	6	736.86	6	384.20	6	27.99	6	6	6	6	6	6	6	6
1/4	1,795.19	1/4	1,435.27	1/4	1,074.60	1/4	729.84	1/4	376.68	1/4	22.97	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,787.77	1/2	1,427.75	1/2	1,067.09	1/2	722.83	1/2	369.16	1/2	17.94	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,780.35	3/4	1,420.24	3/4	1,059.58	3/4	715.82	3/4	361.63	3/4	12.92	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,772.92	7	1,412.73	7	1,052.07	7	708.81	7	354.11	7		7	7	7	7	7	7	7	7
1/4	1,765.50	1/4	1,405.21	1/4	1,044.57	1/4	701.79	1/4	346.59	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,758.08	1/2	1,397.70	1/2	1,037.06	1/2	694.78	1/2	339.07	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,750.66	3/4	1,390.19	3/4	1,029.55	3/4	687.77	3/4	331.55	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,743.19	8	1,382.67	8	1,022.04	8	680.73	8	324.02	8		8	8	8	8	8	8	8	8
1/4	1,735.72	1/4	1,375.16	1/4	1,014.53	1/4	673.70	1/4	316.50	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,728.25	1/2	1,367.65	1/2	1,007.02	1/2	666.67	1/2	308.98	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,720.78	3/4	1,360.13	3/4	999.52	3/4	659.64	3/4	301.46	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,713.27	9	1,352.62	9	992.01	9	652.59	9	293.94	9		9	9	9	9	9	9	9	9
1/4	1,705.75	1/4	1,345.10	1/4	984.50	1/4	645.54	1/4	286.41	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,698.24	1/2	1,337.59	1/2	976.99	1/2	638.49	1/2	278.89	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,690.73	3/4	1,330.08	3/4	969.48	3/4	631.44	3/4	271.37	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,683.21	10	1,322.56	10	962.21	10	624.16	10	263.85	10		10	10	10	10	10	10	10	10
1/4	1,675.70	1/4	1,315.05	1/4	954.93	1/4	616.87	1/4	256.33	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,668.19	1/2	1,307.54	1/2	947.66	1/2	609.58	1/2	248.80	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,660.67	3/4	1,300.02	3/4	940.38	3/4	602.29	3/4	241.28	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,653.16	11	1,292.51	11	933.34	11	594.77	11	233.76	11		11	11	11	11	11	11	11	11
1/4	1,645.64	1/4	1,285.00	1/4	926.30	1/4	587.25	1/4	226.24	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,638.13	1/2	1,277.48	1/2	919.26	1/2	579.73	1/2	218.71	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,630.62	3/4	1,269.97	3/4	912.23	3/4	572.21	3/4	211.19	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: 03/22/2022 CL
CALCULATED: 03/22/2022 CL
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