



BARGE "CTC 29109"

INNAGE TRIM TABLE

FORMERLY "BKF 307"

	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 29109"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BKF 307"

GAUGE HEIGHT 15'-05 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	10.18	0	260.53	0	543.20	0	848.20	0	1,175.25	0	1,507.40	0	1,839.55	0	2,171.65	0	2,503.67	0	2,835.69
1/4	13.52	1/4	266.21	1/4	549.32	1/4	854.82	1/4	1,182.17	1/4	1,514.32	1/4	1,846.47	1/4	2,178.57	1/4	2,510.59	1/4	2,842.61
1/2	16.85	1/2	271.88	1/2	555.45	1/2	861.45	1/2	1,189.09	1/2	1,521.24	1/2	1,853.39	1/2	2,185.48	1/2	2,517.50	1/2	2,849.52
3/4	20.19	3/4	277.56	3/4	561.57	3/4	868.07	3/4	1,196.01	3/4	1,528.16	3/4	1,860.31	3/4	2,192.40	3/4	2,524.42	3/4	2,856.44
1	23.52	1	283.23	1	567.70	1	874.69	1	1,202.93	1	1,535.08	1	1,867.23	1	2,199.32	1	2,531.34	1	2,863.36
1/4	28.19	1/4	288.94	1/4	573.86	1/4	881.36	1/4	1,209.85	1/4	1,542.00	1/4	1,874.15	1/4	2,206.23	1/4	2,538.26	1/4	2,870.28
1/2	32.85	1/2	294.65	1/2	580.03	1/2	888.02	1/2	1,216.77	1/2	1,548.92	1/2	1,881.07	1/2	2,213.15	1/2	2,545.17	1/2	2,877.19
3/4	37.52	3/4	300.37	3/4	586.19	3/4	894.68	3/4	1,223.69	3/4	1,555.84	3/4	1,887.99	3/4	2,220.07	3/4	2,552.09	3/4	2,884.11
2	42.18	2	306.08	2	592.36	2	901.35	2	1,230.61	2	1,562.76	2	1,894.91	2	2,226.99	2	2,559.01	2	2,891.03
1/4	47.46	1/4	311.83	1/4	598.57	1/4	908.05	1/4	1,237.53	1/4	1,569.68	1/4	1,901.83	1/4	2,233.90	1/4	2,565.92	1/4	2,897.94
1/2	52.74	1/2	317.58	1/2	604.77	1/2	914.75	1/2	1,244.45	1/2	1,576.60	1/2	1,908.75	1/2	2,240.82	1/2	2,572.84	1/2	2,904.86
3/4	58.02	3/4	323.33	3/4	610.98	3/4	921.45	3/4	1,251.37	3/4	1,583.52	3/4	1,915.67	3/4	2,247.74	3/4	2,579.76	3/4	2,911.78
3	63.31	3	329.08	3	617.19	3	928.16	3	1,258.29	3	1,590.44	3	1,922.59	3	2,254.65	3	2,586.67	3	2,918.70
1/4	68.63	1/4	334.87	1/4	623.43	1/4	934.90	1/4	1,265.21	1/4	1,597.36	1/4	1,929.51	1/4	2,261.57	1/4	2,593.59	1/4	2,925.61
1/2	73.95	1/2	340.66	1/2	629.68	1/2	941.64	1/2	1,272.13	1/2	1,604.28	1/2	1,936.43	1/2	2,268.49	1/2	2,600.51	1/2	2,932.53
3/4	79.27	3/4	346.46	3/4	635.93	3/4	948.38	3/4	1,279.05	3/4	1,611.20	3/4	1,943.35	3/4	2,275.41	3/4	2,607.43	3/4	2,939.45
4	84.59	4	352.25	4	642.17	4	955.12	4	1,285.97	4	1,618.12	4	1,950.27	4	2,282.32	4	2,614.34	4	2,946.36
1/4	89.95	1/4	358.08	1/4	648.46	1/4	961.91	1/4	1,292.89	1/4	1,625.04	1/4	1,957.19	1/4	2,289.24	1/4	2,621.26	1/4	2,953.28
1/2	95.31	1/2	363.92	1/2	654.75	1/2	968.69	1/2	1,299.81	1/2	1,631.96	1/2	1,964.11	1/2	2,296.16	1/2	2,628.18	1/2	2,960.20
3/4	100.67	3/4	369.75	3/4	661.03	3/4	975.47	3/4	1,306.73	3/4	1,638.88	3/4	1,971.03	3/4	2,303.07	3/4	2,635.09	3/4	2,967.12
5	106.03	5	375.59	5	667.32	5	982.25	5	1,313.65	5	1,645.80	5	1,977.95	5	2,309.99	5	2,642.01	5	2,974.04
1/4	111.43	1/4	381.46	1/4	673.64	1/4	989.07	1/4	1,320.57	1/4	1,652.72	1/4	1,984.87	1/4	2,316.91	1/4	2,648.93	1/4	2,980.96
1/2	116.83	1/2	387.33	1/2	679.97	1/2	995.89	1/2	1,327.49	1/2	1,659.64	1/2	1,991.79	1/2	2,323.82	1/2	2,655.85	1/2	2,987.87
3/4	122.23	3/4	393.21	3/4	686.29	3/4	1,002.71	3/4	1,334.41	3/4	1,666.56	3/4	1,998.71	3/4	2,330.74	3/4	2,662.76	3/4	2,994.79
6	127.63	6	399.08	6	692.62	6	1,009.53	6	1,341.33	6	1,673.48	6	2,005.63	6	2,337.66	6	2,669.68	6	3,001.71
1/4	133.07	1/4	404.99	1/4	698.99	1/4	1,016.40	1/4	1,348.25	1/4	1,680.40	1/4	2,012.55	1/4	2,344.58	1/4	2,676.60	1/4	3,008.62
1/2	138.51	1/2	410.91	1/2	705.36	1/2	1,023.26	1/2	1,355.17	1/2	1,687.32	1/2	2,019.47	1/2	2,351.49	1/2	2,683.51	1/2	3,015.54
3/4	143.94	3/4	416.82	3/4	711.74	3/4	1,030.12	3/4	1,362.09	3/4	1,694.24	3/4	2,026.39	3/4	2,358.41	3/4	2,690.43	3/4	3,022.46
7	149.38	7	422.73	7	718.11	7	1,036.98	7	1,369.01	7	1,701.16	7	2,033.31	7	2,365.33	7	2,697.35	7	3,029.37
1/4	154.86	1/4	428.68	1/4	724.53	1/4	1,043.87	1/4	1,375.93	1/4	1,708.08	1/4	2,040.23	1/4	2,372.24	1/4	2,704.27	1/4	3,036.29
1/2	160.34	1/2	434.64	1/2	730.95	1/2	1,050.77	1/2	1,382.85	1/2	1,715.00	1/2	2,047.14	1/2	2,379.16	1/2	2,711.18	1/2	3,043.21
3/4	165.82	3/4	440.59	3/4	737.38	3/4	1,057.66	3/4	1,389.77	3/4	1,721.92	3/4	2,054.06	3/4	2,386.08	3/4	2,718.10	3/4	3,050.13
8	171.30	8	446.54	8	743.80	8	1,064.56	8	1,396.69	8	1,728.84	8	2,060.98	8	2,393.00	8	2,725.02	8	3,057.04
1/4	176.82	1/4	452.53	1/4	750.27	1/4	1,071.47	1/4	1,403.61	1/4	1,735.76	1/4	2,067.89	1/4	2,399.91	1/4	2,731.93	1/4	3,063.96
1/2	182.33	1/2	458.52	1/2	756.73	1/2	1,078.39	1/2	1,410.53	1/2	1,742.68	1/2	2,074.81	1/2	2,406.83	1/2	2,738.85	1/2	3,070.88
3/4	187.85	3/4	464.52	3/4	763.20	3/4	1,085.30	3/4	1,417.45	3/4	1,749.60	3/4	2,081.73	3/4	2,413.75	3/4	2,745.77	3/4	3,077.79
9	193.37	9	470.51	9	769.66	9	1,092.22	9	1,424.37	9	1,756.52	9	2,088.64	9	2,420.66	9	2,752.69	9	3,084.71
1/4	198.93	1/4	476.54	1/4	776.17	1/4	1,099.14	1/4	1,431.29	1/4	1,763.44	1/4	2,095.56	1/4	2,427.58	1/4	2,759.60	1/4	3,091.63
1/2	204.49	1/2	482.56	1/2	782.67	1/2	1,106.06	1/2	1,438.21	1/2	1,770.36	1/2	2,102.48	1/2	2,434.50	1/2	2,766.52	1/2	3,098.54
3/4	210.04	3/4	488.59	3/4	789.18	3/4	1,112.98	3/4	1,445.13	3/4	1,777.28	3/4	2,109.39	3/4	2,441.42	3/4	2,773.44	3/4	3,105.46
10	215.60	10	494.62	10	795.68	10	1,119.90	10	1,452.05	10	1,784.20	10	2,116.31	10	2,448.33	10	2,780.35	10	3,112.38
1/4	221.20	1/4	500.68	1/4	802.23	1/4	1,126.82	1/4	1,458.97	1/4	1,791.12	1/4	2,123.23	1/4	2,455.25	1/4	2,787.27	1/4	3,119.30
1/2	226.79	1/2	506.73	1/2	808.77	1/2	1,133.73	1/2	1,465.89	1/2	1,798.04	1/2	2,130.15	1/2	2,462.17	1/2	2,794.19	1/2	3,126.21
3/4	232.39	3/4	512.79	3/4	815.32	3/4	1,140.65	3/4	1,472.80	3/4	1,804.96	3/4	2,137.06	3/4	2,469.08	3/4	2,801.10	3/4	3,133.13
11	237.99	11	518.85	11	821.86	11	1,147.57	11	1,479.72	11	1,811.88	11	2,143.98	11	2,476.00	11	2,808.02	11	3,140.05
1/4	243.62	1/4	524.93	1/4	828.45	1/4	1,154.49	1/4	1,486.64	1/4	1,818.79	1/4	2,150.90	1/4	2,482.92	1/4	2,814.94	1/4	3,146.96
1/2	249.26	1/2	531.02	1/2	835.03	1/2	1,161.41	1/2	1,493.56	1/2	1,825.71	1/2	2,157.81	1/2	2,489.84	1/2	2,821.86	1/2	3,153.88
3/4	254.90	3/4	537.11	3/4	841.61	3/4	1,168.33	3/4	1,500.48	3/4	1,832.63	3/4	2,164.73	3/4	2,496.75	3/4	2,828.77	3/4	3,160.80

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "CTC 29109"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BKF 307"

GAUGE HEIGHT 15'-05 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,167.71	0	3,499.73	0	3,830.41	0	4,148.00	0	4,449.10	0		0		0		0		0	
1/4	3,174.63	1/4	3,506.65	1/4	3,837.18	1/4	4,154.42	1/4	4,455.40	1/4		1/4		1/4		1/4		1/4	
1/2	3,181.55	1/2	3,513.56	1/2	3,843.95	1/2	4,160.83	1/2	4,461.70	1/2		1/2		1/2		1/2		1/2	
3/4	3,188.47	3/4	3,520.48	3/4	3,850.73	3/4	4,167.25	3/4	4,468.01	3/4		3/4		3/4		3/4		3/4	
1	3,195.38	1	3,527.40	1	3,857.50	1	4,173.67	1	4,474.31	1		1		1		1		1	
1/4	3,202.30	1/4	3,534.31	1/4	3,864.25	1/4	4,180.06	1/4	4,480.99	1/4		1/4		1/4		1/4		1/4	
1/2	3,209.22	1/2	3,541.23	1/2	3,870.99	1/2	4,186.45	1/2	4,487.68	1/2		1/2		1/2		1/2		1/2	
3/4	3,216.13	3/4	3,548.15	3/4	3,877.74	3/4	4,192.84	3/4	4,494.36	3/4		3/4		3/4		3/4		3/4	
2	3,223.05	2	3,555.07	2	3,884.48	2	4,199.23	2	4,501.04	2		2		2		2		2	
1/4	3,229.97	1/4	3,561.98	1/4	3,891.20	1/4	4,205.60	1/4	4,507.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,236.88	1/2	3,568.90	1/2	3,897.92	1/2	4,211.96	1/2	4,514.80	1/2		1/2		1/2		1/2		1/2	
3/4	3,243.80	3/4	3,575.82	3/4	3,904.64	3/4	4,218.33	3/4	4,521.67	3/4		3/4		3/4		3/4		3/4	
3	3,250.72	3	3,582.73	3	3,911.36	3	4,224.69	3	4,528.55	3		3		3		3		3	
1/4	3,257.64	1/4	3,589.65	1/4	3,918.06	1/4	4,231.03	1/4	4,535.34	1/4		1/4		1/4		1/4		1/4	
1/2	3,264.55	1/2	3,596.57	1/2	3,924.75	1/2	4,237.37	1/2	4,542.13	1/2		1/2		1/2		1/2		1/2	
3/4	3,271.47	3/4	3,603.48	3/4	3,931.45	3/4	4,243.71	3/4	4,548.92	3/4		3/4		3/4		3/4		3/4	
4	3,278.39	4	3,610.40	4	3,938.14	4	4,250.05	4	4,555.71	4		4		4		4		4	
1/4	3,285.30	1/4	3,617.32	1/4	3,944.81	1/4	4,256.36	1/4	4,561.81	1/4		1/4		1/4		1/4		1/4	
1/2	3,292.22	1/2	3,624.24	1/2	3,951.47	1/2	4,262.67	1/2	4,567.91	1/2		1/2		1/2		1/2		1/2	
3/4	3,299.14	3/4	3,631.15	3/4	3,958.14	3/4	4,268.98	3/4	4,574.01	3/4		3/4		3/4		3/4		3/4	
5	3,306.05	5	3,638.07	5	3,964.81	5	4,275.30	5	4,580.11	5		5		5		5		5	
1/4	3,312.97	1/4	3,644.99	1/4	3,971.45	1/4	4,281.58	1/4	4,584.91	1/4		1/4		1/4		1/4		1/4	
1/2	3,319.89	1/2	3,651.90	1/2	3,978.09	1/2	4,287.87	1/2	4,589.71	1/2		1/2		1/2		1/2		1/2	
3/4	3,326.81	3/4	3,658.82	3/4	3,984.73	3/4	4,294.15	3/4	4,594.51	3/4		3/4		3/4		3/4		3/4	
6	3,333.72	6	3,665.74	6	3,991.37	6	4,300.44	6	4,599.31	6		6		6		6		6	
1/4	3,340.64	1/4	3,672.65	1/4	3,997.99	1/4	4,306.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,347.56	1/2	3,679.57	1/2	4,004.60	1/2	4,312.96	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,354.47	3/4	3,686.48	3/4	4,011.22	3/4	4,319.22	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,361.39	7	3,693.40	7	4,017.83	7	4,325.48	7		7		7		7		7		7	
1/4	3,368.31	1/4	3,700.30	1/4	4,024.42	1/4	4,331.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,375.22	1/2	3,707.20	1/2	4,031.01	1/2	4,337.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,382.14	3/4	3,714.10	3/4	4,037.60	3/4	4,344.18	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,389.06	8	3,721.00	8	4,044.19	8	4,350.41	8		8		8		8		8		8	
1/4	3,395.98	1/4	3,727.87	1/4	4,050.73	1/4	4,356.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,402.89	1/2	3,734.75	1/2	4,057.27	1/2	4,362.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,409.81	3/4	3,741.63	3/4	4,063.82	3/4	4,369.04	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,416.73	9	3,748.51	9	4,070.36	9	4,375.24	9		9		9		9		9		9	
1/4	3,423.64	1/4	3,755.36	1/4	4,076.85	1/4	4,381.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,430.56	1/2	3,762.21	1/2	4,083.35	1/2	4,387.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,437.48	3/4	3,769.06	3/4	4,089.85	3/4	4,393.79	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,444.39	10	3,775.91	10	4,096.34	10	4,399.97	10		10		10		10		10		10	
1/4	3,451.31	1/4	3,782.74	1/4	4,102.81	1/4	4,406.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,458.23	1/2	3,789.56	1/2	4,109.28	1/2	4,412.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,465.15	3/4	3,796.39	3/4	4,115.75	3/4	4,418.43	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,472.06	11	3,803.21	11	4,122.22	11	4,424.59	11		11		11		11		11		11	
1/4	3,478.98	1/4	3,810.01	1/4	4,128.67	1/4	4,430.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,485.90	1/2	3,816.81	1/2	4,135.11	1/2	4,436.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,492.81	3/4	3,823.61	3/4	4,141.55	3/4	4,442.97	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/12/2021 JS
CALCULATED: 08/12/2021 CL
RENAMED: 05/02/2022 SW

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 29109"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BKF 307"

GAUGE HEIGHT 15'-06 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	10.15	0	259.59	0	541.24	0	844.71	0	1,170.07	0	1,501.08	0	1,832.08	0	2,163.03	0	2,493.91	0	2,824.79
1/4	13.47	1/4	265.24	1/4	547.35	1/4	851.28	1/4	1,176.97	1/4	1,507.97	1/4	1,838.98	1/4	2,169.92	1/4	2,500.80	1/4	2,831.68
1/2	16.79	1/2	270.90	1/2	553.45	1/2	857.86	1/2	1,183.87	1/2	1,514.87	1/2	1,845.87	1/2	2,176.82	1/2	2,507.70	1/2	2,838.58
3/4	20.11	3/4	276.55	3/4	559.55	3/4	864.44	3/4	1,190.76	3/4	1,521.76	3/4	1,852.77	3/4	2,183.71	3/4	2,514.59	3/4	2,845.47
1	23.43	1	282.21	1	565.66	1	871.02	1	1,197.66	1	1,528.66	1	1,859.66	1	2,190.60	1	2,521.48	1	2,852.36
1/4	28.08	1/4	287.90	1/4	571.80	1/4	877.64	1/4	1,204.55	1/4	1,535.56	1/4	1,866.56	1/4	2,197.50	1/4	2,528.38	1/4	2,859.25
1/2	32.73	1/2	293.59	1/2	577.95	1/2	884.26	1/2	1,211.45	1/2	1,542.45	1/2	1,873.46	1/2	2,204.39	1/2	2,535.27	1/2	2,866.15
3/4	37.38	3/4	299.28	3/4	584.09	3/4	890.88	3/4	1,218.34	3/4	1,549.35	3/4	1,880.35	3/4	2,211.28	3/4	2,542.16	3/4	2,873.04
2	42.03	2	304.97	2	590.23	2	897.50	2	1,225.24	2	1,556.24	2	1,887.25	2	2,218.18	2	2,549.06	2	2,879.93
1/4	47.29	1/4	310.70	1/4	596.42	1/4	904.15	1/4	1,232.14	1/4	1,563.14	1/4	1,894.14	1/4	2,225.07	1/4	2,555.95	1/4	2,886.83
1/2	52.55	1/2	316.43	1/2	602.60	1/2	910.81	1/2	1,239.03	1/2	1,570.04	1/2	1,901.04	1/2	2,231.96	1/2	2,562.84	1/2	2,893.72
3/4	57.81	3/4	322.16	3/4	608.79	3/4	917.47	3/4	1,245.93	3/4	1,576.93	3/4	1,907.93	3/4	2,238.86	3/4	2,569.74	3/4	2,900.61
3	63.07	3	327.89	3	614.97	3	924.13	3	1,252.82	3	1,583.83	3	1,914.83	3	2,245.75	3	2,576.63	3	2,907.51
1/4	68.38	1/4	333.66	1/4	621.20	1/4	930.83	1/4	1,259.72	1/4	1,590.72	1/4	1,921.73	1/4	2,252.64	1/4	2,583.52	1/4	2,914.40
1/2	73.68	1/2	339.43	1/2	627.42	1/2	937.52	1/2	1,266.62	1/2	1,597.62	1/2	1,928.62	1/2	2,259.54	1/2	2,590.42	1/2	2,921.29
3/4	78.98	3/4	345.20	3/4	633.65	3/4	944.22	3/4	1,273.51	3/4	1,604.52	3/4	1,935.52	3/4	2,266.43	3/4	2,597.31	3/4	2,928.19
4	84.28	4	350.98	4	639.87	4	950.92	4	1,280.41	4	1,611.41	4	1,942.41	4	2,273.32	4	2,604.20	4	2,935.08
1/4	89.62	1/4	356.79	1/4	646.13	1/4	957.66	1/4	1,287.30	1/4	1,618.31	1/4	1,949.31	1/4	2,280.22	1/4	2,611.10	1/4	2,941.97
1/2	94.96	1/2	362.60	1/2	652.40	1/2	964.39	1/2	1,294.20	1/2	1,625.20	1/2	1,956.21	1/2	2,287.11	1/2	2,617.99	1/2	2,948.87
3/4	100.30	3/4	368.42	3/4	658.66	3/4	971.13	3/4	1,301.10	3/4	1,632.10	3/4	1,963.10	3/4	2,294.00	3/4	2,624.88	3/4	2,955.76
5	105.64	5	374.23	5	664.93	5	977.87	5	1,307.99	5	1,638.99	5	1,970.00	5	2,300.90	5	2,631.78	5	2,962.65
1/4	111.02	1/4	380.08	1/4	671.23	1/4	984.64	1/4	1,314.89	1/4	1,645.89	1/4	1,976.89	1/4	2,307.79	1/4	2,638.67	1/4	2,969.54
1/2	116.40	1/2	385.93	1/2	677.53	1/2	991.42	1/2	1,321.78	1/2	1,652.79	1/2	1,983.79	1/2	2,314.68	1/2	2,645.56	1/2	2,976.44
3/4	121.78	3/4	391.79	3/4	683.84	3/4	998.19	3/4	1,328.68	3/4	1,659.68	3/4	1,990.69	3/4	2,321.58	3/4	2,652.46	3/4	2,983.33
6	127.16	6	397.64	6	690.14	6	1,004.97	6	1,335.58	6	1,666.58	6	1,997.58	6	2,328.47	6	2,659.35	6	2,990.22
1/4	132.58	1/4	403.53	1/4	696.48	1/4	1,011.80	1/4	1,342.47	1/4	1,673.47	1/4	2,004.48	1/4	2,335.36	1/4	2,666.24	1/4	2,997.12
1/2	138.00	1/2	409.42	1/2	702.82	1/2	1,018.62	1/2	1,349.37	1/2	1,680.37	1/2	2,011.37	1/2	2,342.26	1/2	2,673.14	1/2	3,004.01
3/4	143.42	3/4	415.31	3/4	709.16	3/4	1,025.45	3/4	1,356.26	3/4	1,687.27	3/4	2,018.27	3/4	2,349.15	3/4	2,680.03	3/4	3,010.90
7	148.84	7	421.21	7	715.50	7	1,032.27	7	1,363.16	7	1,694.16	7	2,025.17	7	2,356.04	7	2,686.92	7	3,017.80
1/4	154.30	1/4	427.14	1/4	721.88	1/4	1,039.15	1/4	1,370.05	1/4	1,701.06	1/4	2,032.06	1/4	2,362.94	1/4	2,693.82	1/4	3,024.69
1/2	159.76	1/2	433.07	1/2	728.25	1/2	1,046.02	1/2	1,376.95	1/2	1,707.95	1/2	2,038.95	1/2	2,369.83	1/2	2,700.71	1/2	3,031.58
3/4	165.22	3/4	439.00	3/4	734.63	3/4	1,052.89	3/4	1,383.85	3/4	1,714.85	3/4	2,045.85	3/4	2,376.72	3/4	2,707.60	3/4	3,038.48
8	170.67	8	444.93	8	741.01	8	1,059.76	8	1,390.74	8	1,721.75	8	2,052.74	8	2,383.62	8	2,714.50	8	3,045.37
1/4	176.17	1/4	450.90	1/4	747.43	1/4	1,066.65	1/4	1,397.64	1/4	1,728.64	1/4	2,059.63	1/4	2,390.51	1/4	2,721.39	1/4	3,052.26
1/2	181.67	1/2	456.87	1/2	753.86	1/2	1,073.54	1/2	1,404.53	1/2	1,735.54	1/2	2,066.53	1/2	2,397.40	1/2	2,728.28	1/2	3,059.16
3/4	187.17	3/4	462.84	3/4	760.28	3/4	1,080.43	3/4	1,411.43	3/4	1,742.43	3/4	2,073.42	3/4	2,404.30	3/4	2,735.18	3/4	3,066.05
9	192.67	9	468.81	9	766.70	9	1,087.32	9	1,418.33	9	1,749.33	9	2,080.31	9	2,411.19	9	2,742.07	9	3,072.94
1/4	198.20	1/4	474.82	1/4	773.16	1/4	1,094.22	1/4	1,425.22	1/4	1,756.23	1/4	2,087.21	1/4	2,418.08	1/4	2,748.96	1/4	3,079.84
1/2	203.74	1/2	480.83	1/2	779.62	1/2	1,101.11	1/2	1,432.12	1/2	1,763.12	1/2	2,094.10	1/2	2,424.98	1/2	2,755.86	1/2	3,086.73
3/4	209.28	3/4	486.83	3/4	786.08	3/4	1,108.01	3/4	1,439.01	3/4	1,770.02	3/4	2,100.99	3/4	2,431.87	3/4	2,762.75	3/4	3,093.62
10	214.82	10	492.84	10	792.54	10	1,114.91	10	1,445.91	10	1,776.91	10	2,107.89	10	2,438.76	10	2,769.64	10	3,100.52
1/4	220.39	1/4	498.87	1/4	799.04	1/4	1,121.80	1/4	1,452.81	1/4	1,783.81	1/4	2,114.78	1/4	2,445.66	1/4	2,776.54	1/4	3,107.41
1/2	225.97	1/2	504.91	1/2	805.54	1/2	1,128.70	1/2	1,459.70	1/2	1,790.70	1/2	2,121.67	1/2	2,452.55	1/2	2,783.43	1/2	3,114.30
3/4	231.55	3/4	510.94	3/4	812.05	3/4	1,135.59	3/4	1,466.60	3/4	1,797.60	3/4	2,128.57	3/4	2,459.44	3/4	2,790.32	3/4	3,121.20
11	237.12	11	516.98	11	818.55	11	1,142.49	11	1,473.49	11	1,804.50	11	2,135.46	11	2,466.34	11	2,797.22	11	3,128.09
1/4	242.74	1/4	523.05	1/4	825.09	1/4	1,149.39	1/4	1,480.39	1/4	1,811.39	1/4	2,142.35	1/4	2,473.23	1/4	2,804.11	1/4	3,134.98
1/2	248.36	1/2	529.11	1/2	831.63	1/2	1,156.28	1/2	1,487.29	1/2	1,818.29	1/2	2,149.25	1/2	2,480.12	1/2	2,811.00	1/2	3,141.87
3/4	253.97	3/4	535.18	3/4	838.17	3/4	1,163.18	3/4	1,494.18	3/4	1,825.18	3/4	2,156.14	3/4	2,487.02	3/4	2,817.90	3/4	3,148.77

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 29109"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BKF 307"

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	3,155.66	0	3,486.53	0	3,816.07	0	4,132.55	0	4,432.59	0		0		0		0		0	
1/4	3,162.55	1/4	3,493.43	1/4	3,822.82	1/4	4,138.95	1/4	4,438.87	1/4		1/4		1/4		1/4		1/4	
1/2	3,169.45	1/2	3,500.32	1/2	3,829.57	1/2	4,145.34	1/2	4,445.15	1/2		1/2		1/2		1/2		1/2	
3/4	3,176.34	3/4	3,507.21	3/4	3,836.31	3/4	4,151.74	3/4	4,451.43	3/4		3/4		3/4		3/4		3/4	
1	3,183.23	1	3,514.11	1	3,843.06	1	4,158.13	1	4,457.71	1		1		1		1		1	
1/4	3,190.13	1/4	3,521.00	1/4	3,849.79	1/4	4,164.50	1/4	4,464.38	1/4		1/4		1/4		1/4		1/4	
1/2	3,197.02	1/2	3,527.89	1/2	3,856.51	1/2	4,170.87	1/2	4,471.04	1/2		1/2		1/2		1/2		1/2	
3/4	3,203.91	3/4	3,534.79	3/4	3,863.23	3/4	4,177.24	3/4	4,477.70	3/4		3/4		3/4		3/4		3/4	
2	3,210.81	2	3,541.68	2	3,869.95	2	4,183.61	2	4,484.36	2		2		2		2		2	
1/4	3,217.70	1/4	3,548.57	1/4	3,876.65	1/4	4,189.95	1/4	4,491.21	1/4		1/4		1/4		1/4		1/4	
1/2	3,224.59	1/2	3,555.47	1/2	3,883.35	1/2	4,196.29	1/2	4,498.06	1/2		1/2		1/2		1/2		1/2	
3/4	3,231.49	3/4	3,562.36	3/4	3,890.04	3/4	4,202.63	3/4	4,504.92	3/4		3/4		3/4		3/4		3/4	
3	3,238.38	3	3,569.25	3	3,896.74	3	4,208.98	3	4,511.77	3		3		3		3		3	
1/4	3,245.27	1/4	3,576.15	1/4	3,903.41	1/4	4,215.29	1/4	4,518.54	1/4		1/4		1/4		1/4		1/4	
1/2	3,252.17	1/2	3,583.04	1/2	3,910.08	1/2	4,221.61	1/2	4,525.30	1/2		1/2		1/2		1/2		1/2	
3/4	3,259.06	3/4	3,589.93	3/4	3,916.75	3/4	4,227.92	3/4	4,532.07	3/4		3/4		3/4		3/4		3/4	
4	3,265.95	4	3,596.83	4	3,923.42	4	4,234.24	4	4,538.84	4		4		4		4		4	
1/4	3,272.85	1/4	3,603.72	1/4	3,930.07	1/4	4,240.53	1/4	4,544.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,279.74	1/2	3,610.61	1/2	3,936.71	1/2	4,246.82	1/2	4,550.99	1/2		1/2		1/2		1/2		1/2	
3/4	3,286.63	3/4	3,617.51	3/4	3,943.36	3/4	4,253.11	3/4	4,557.07	3/4		3/4		3/4		3/4		3/4	
5	3,293.53	5	3,624.40	5	3,950.00	5	4,259.40	5	4,563.15	5		5		5		5		5	
1/4	3,300.42	1/4	3,631.29	1/4	3,956.62	1/4	4,265.67	1/4	4,567.93	1/4		1/4		1/4		1/4		1/4	
1/2	3,307.31	1/2	3,638.19	1/2	3,963.24	1/2	4,271.93	1/2	4,572.72	1/2		1/2		1/2		1/2		1/2	
3/4	3,314.20	3/4	3,645.08	3/4	3,969.86	3/4	4,278.19	3/4	4,577.50	3/4		3/4		3/4		3/4		3/4	
6	3,321.10	6	3,651.97	6	3,976.47	6	4,284.46	6	4,582.29	6		6		6		6		6	
1/4	3,327.99	1/4	3,658.86	1/4	3,983.07	1/4	4,290.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,334.88	1/2	3,665.75	1/2	3,989.66	1/2	4,296.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,341.78	3/4	3,672.64	3/4	3,996.25	3/4	4,303.17	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,348.67	7	3,679.53	7	4,002.84	7	4,309.41	7		7		7		7		7		7	
1/4	3,355.56	1/4	3,686.40	1/4	4,009.41	1/4	4,315.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,362.46	1/2	3,693.28	1/2	4,015.97	1/2	4,321.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,369.35	3/4	3,700.16	3/4	4,022.54	3/4	4,328.04	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,376.24	8	3,707.03	8	4,029.10	8	4,334.26	8		8		8		8		8		8	
1/4	3,383.14	1/4	3,713.89	1/4	4,035.62	1/4	4,340.44	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,390.03	1/2	3,720.74	1/2	4,042.14	1/2	4,346.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,396.92	3/4	3,727.60	3/4	4,048.66	3/4	4,352.81	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,403.82	9	3,734.45	9	4,055.18	9	4,359.00	9		9		9		9		9		9	
1/4	3,410.71	1/4	3,741.28	1/4	4,061.66	1/4	4,365.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,417.60	1/2	3,748.10	1/2	4,068.13	1/2	4,371.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,424.50	3/4	3,754.93	3/4	4,074.60	3/4	4,377.48	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,431.39	10	3,761.76	10	4,081.08	10	4,383.63	10		10		10		10		10		10	
1/4	3,438.28	1/4	3,768.56	1/4	4,087.52	1/4	4,389.77	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,445.18	1/2	3,775.36	1/2	4,093.97	1/2	4,395.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,452.07	3/4	3,782.16	3/4	4,100.42	3/4	4,402.03	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,458.96	11	3,788.97	11	4,106.87	11	4,408.17	11		11		11		11		11		11	
1/4	3,465.86	1/4	3,795.74	1/4	4,113.29	1/4	4,414.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,472.75	1/2	3,802.52	1/2	4,119.71	1/2	4,420.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,479.64	3/4	3,809.29	3/4	4,126.13	3/4	4,426.49	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/12/2021 JS
CALCULATED: 08/12/2021 CL
RENAMED: 05/02/2022 SW

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 29109"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BKF 307"

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	13.82	0	387.96	0	775.35	0	1,162.34	0	1,549.94	0	1,937.54	0	2,325.14	0	2,712.69	0	3,100.14	0	3,487.59
1/4	19.21	1/4	396.04	1/4	783.40	1/4	1,170.42	1/4	1,558.02	1/4	1,945.62	1/4	2,333.22	1/4	2,720.76	1/4	3,108.21	1/4	3,495.67
1/2	24.59	1/2	404.11	1/2	791.45	1/2	1,178.49	1/2	1,566.09	1/2	1,953.69	1/2	2,341.29	1/2	2,728.84	1/2	3,116.29	1/2	3,503.74
3/4	29.97	3/4	412.19	3/4	799.51	3/4	1,186.57	3/4	1,574.17	3/4	1,961.77	3/4	2,349.37	3/4	2,736.91	3/4	3,124.36	3/4	3,511.81
1	35.36	1	420.26	1	807.56	1	1,194.64	1	1,582.24	1	1,969.84	1	2,357.44	1	2,744.98	1	3,132.43	1	3,519.88
1/4	42.76	1/4	428.33	1/4	815.61	1/4	1,202.72	1/4	1,590.32	1/4	1,977.92	1/4	2,365.52	1/4	2,753.05	1/4	3,140.50	1/4	3,527.95
1/2	50.16	1/2	436.40	1/2	823.66	1/2	1,210.79	1/2	1,598.39	1/2	1,985.99	1/2	2,373.59	1/2	2,761.12	1/2	3,148.57	1/2	3,536.03
3/4	57.56	3/4	444.47	3/4	831.71	3/4	1,218.87	3/4	1,606.47	3/4	1,994.07	3/4	2,381.67	3/4	2,769.20	3/4	3,156.65	3/4	3,544.10
2	64.96	2	452.54	2	839.76	2	1,226.94	2	1,614.54	2	2,002.14	2	2,389.74	2	2,777.27	2	3,164.72	2	3,552.17
1/4	73.04	1/4	460.61	1/4	847.82	1/4	1,235.02	1/4	1,622.62	1/4	2,010.22	1/4	2,397.82	1/4	2,785.34	1/4	3,172.79	1/4	3,560.24
1/2	81.11	1/2	468.68	1/2	855.87	1/2	1,243.09	1/2	1,630.69	1/2	2,018.29	1/2	2,405.89	1/2	2,793.41	1/2	3,180.86	1/2	3,568.31
3/4	89.19	3/4	476.75	3/4	863.92	3/4	1,251.17	3/4	1,638.77	3/4	2,026.37	3/4	2,413.97	3/4	2,801.48	3/4	3,188.93	3/4	3,576.39
3	97.26	3	484.82	3	871.98	3	1,259.24	3	1,646.84	3	2,034.44	3	2,422.04	3	2,809.55	3	3,197.01	3	3,584.46
1/4	105.34	1/4	492.90	1/4	880.03	1/4	1,267.32	1/4	1,654.92	1/4	2,042.52	1/4	2,430.12	1/4	2,817.63	1/4	3,205.08	1/4	3,592.53
1/2	113.41	1/2	500.97	1/2	888.08	1/2	1,275.39	1/2	1,662.99	1/2	2,050.59	1/2	2,438.19	1/2	2,825.70	1/2	3,213.15	1/2	3,600.60
3/4	121.49	3/4	509.04	3/4	896.14	3/4	1,283.47	3/4	1,671.07	3/4	2,058.67	3/4	2,446.27	3/4	2,833.77	3/4	3,221.22	3/4	3,608.67
4	129.56	4	517.12	4	904.19	4	1,291.54	4	1,679.14	4	2,066.74	4	2,454.34	4	2,841.84	4	3,229.29	4	3,616.74
1/4	137.64	1/4	525.19	1/4	912.24	1/4	1,299.62	1/4	1,687.22	1/4	2,074.82	1/4	2,462.42	1/4	2,849.91	1/4	3,237.37	1/4	3,624.82
1/2	145.71	1/2	533.27	1/2	920.30	1/2	1,307.69	1/2	1,695.29	1/2	2,082.89	1/2	2,470.49	1/2	2,857.99	1/2	3,245.44	1/2	3,632.89
3/4	153.79	3/4	541.34	3/4	928.35	3/4	1,315.77	3/4	1,703.37	3/4	2,090.97	3/4	2,478.57	3/4	2,866.06	3/4	3,253.51	3/4	3,640.96
5	161.86	5	549.42	5	936.40	5	1,323.84	5	1,711.44	5	2,099.04	5	2,486.64	5	2,874.13	5	3,261.58	5	3,649.03
1/4	169.94	1/4	557.49	1/4	944.45	1/4	1,331.92	1/4	1,719.52	1/4	2,107.12	1/4	2,494.72	1/4	2,882.20	1/4	3,269.65	1/4	3,657.10
1/2	178.01	1/2	565.57	1/2	952.51	1/2	1,339.99	1/2	1,727.59	1/2	2,115.19	1/2	2,502.79	1/2	2,890.27	1/2	3,277.72	1/2	3,665.18
3/4	186.09	3/4	573.64	3/4	960.56	3/4	1,348.07	3/4	1,735.67	3/4	2,123.27	3/4	2,510.87	3/4	2,898.35	3/4	3,285.80	3/4	3,673.25
6	194.16	6	581.72	6	968.61	6	1,356.14	6	1,743.74	6	2,131.34	6	2,518.94	6	2,906.42	6	3,293.87	6	3,681.32
1/4	202.24	1/4	589.79	1/4	976.67	1/4	1,364.22	1/4	1,751.82	1/4	2,139.42	1/4	2,527.02	1/4	2,914.49	1/4	3,301.94	1/4	3,689.39
1/2	210.31	1/2	597.87	1/2	984.74	1/2	1,372.29	1/2	1,759.89	1/2	2,147.49	1/2	2,535.09	1/2	2,922.56	1/2	3,310.01	1/2	3,697.46
3/4	218.39	3/4	605.94	3/4	992.80	3/4	1,380.37	3/4	1,767.97	3/4	2,155.57	3/4	2,543.17	3/4	2,930.63	3/4	3,318.08	3/4	3,705.53
7	226.46	7	614.02	7	1,000.86	7	1,388.44	7	1,776.04	7	2,163.64	7	2,551.24	7	2,938.71	7	3,326.16	7	3,713.61
1/4	234.54	1/4	622.09	1/4	1,008.93	1/4	1,396.52	1/4	1,784.12	1/4	2,171.72	1/4	2,559.32	1/4	2,946.78	1/4	3,334.23	1/4	3,721.68
1/2	242.61	1/2	630.17	1/2	1,017.00	1/2	1,404.59	1/2	1,792.19	1/2	2,179.79	1/2	2,567.39	1/2	2,954.85	1/2	3,342.30	1/2	3,729.75
3/4	250.69	3/4	638.24	3/4	1,025.07	3/4	1,412.67	3/4	1,800.27	3/4	2,187.87	3/4	2,575.47	3/4	2,962.92	3/4	3,350.37	3/4	3,737.82
8	258.76	8	646.32	8	1,033.14	8	1,420.74	8	1,808.34	8	2,195.94	8	2,583.54	8	2,970.99	8	3,358.44	8	3,745.89
1/4	266.84	1/4	654.39	1/4	1,041.22	1/4	1,428.82	1/4	1,816.42	1/4	2,204.02	1/4	2,591.61	1/4	2,979.06	1/4	3,366.52	1/4	3,753.97
1/2	274.91	1/2	662.47	1/2	1,049.29	1/2	1,436.89	1/2	1,824.49	1/2	2,212.09	1/2	2,599.69	1/2	2,987.14	1/2	3,374.59	1/2	3,762.04
3/4	282.99	3/4	670.54	3/4	1,057.37	3/4	1,444.97	3/4	1,832.57	3/4	2,220.17	3/4	2,607.76	3/4	2,995.21	3/4	3,382.66	3/4	3,770.11
9	291.06	9	678.62	9	1,065.44	9	1,453.04	9	1,840.64	9	2,228.24	9	2,615.83	9	3,003.28	9	3,390.73	9	3,778.18
1/4	299.14	1/4	686.69	1/4	1,073.52	1/4	1,461.12	1/4	1,848.72	1/4	2,236.32	1/4	2,623.90	1/4	3,011.35	1/4	3,398.80	1/4	3,786.25
1/2	307.21	1/2	694.76	1/2	1,081.59	1/2	1,469.19	1/2	1,856.79	1/2	2,244.39	1/2	2,631.97	1/2	3,019.42	1/2	3,406.88	1/2	3,794.32
3/4	315.29	3/4	702.83	3/4	1,089.67	3/4	1,477.27	3/4	1,864.87	3/4	2,252.47	3/4	2,640.04	3/4	3,027.50	3/4	3,414.95	3/4	3,802.40
10	323.36	10	710.90	10	1,097.74	10	1,485.34	10	1,872.94	10	2,260.54	10	2,648.12	10	3,035.57	10	3,423.02	10	3,810.47
1/4	331.44	1/4	718.96	1/4	1,105.82	1/4	1,493.42	1/4	1,881.02	1/4	2,268.62	1/4	2,656.19	1/4	3,043.64	1/4	3,431.09	1/4	3,818.54
1/2	339.51	1/2	727.03	1/2	1,113.89	1/2	1,501.49	1/2	1,889.09	1/2	2,276.69	1/2	2,664.26	1/2	3,051.71	1/2	3,439.16	1/2	3,826.61
3/4	347.59	3/4	735.09	3/4	1,121.97	3/4	1,509.57	3/4	1,897.17	3/4	2,284.77	3/4	2,672.33	3/4	3,059.78	3/4	3,447.23	3/4	3,834.68
11	355.66	11	743.15	11	1,130.04	11	1,517.64	11	1,905.24	11	2,292.84	11	2,680.40	11	3,067.86	11	3,455.31	11	3,842.76
1/4	363.74	1/4	751.20	1/4	1,138.12	1/4	1,525.72	1/4	1,913.32	1/4	2,300.92	1/4	2,688.48	1/4	3,075.93	1/4	3,463.38	1/4	3,850.83
1/2	371.81	1/2	759.25	1/2	1,146.19	1/2	1,533.79	1/2	1,921.39	1/2	2,308.99	1/2	2,696.55	1/2	3,084.00	1/2	3,471.45	1/2	3,858.90
3/4	379.89	3/4	767.30	3/4	1,154.27	3/4	1,541.87	3/4	1,929.47	3/4	2,317.07	3/4	2,704.62	3/4	3,092.07	3/4	3,479.52	3/4	3,866.97

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO 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 29109"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BKF 307"

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	3,875.04	0	4,262.49	0	4,648.37	0	5,018.96	0	5,370.29	0		0		0		0		0	
1/4	3,883.11	1/4	4,270.56	1/4	4,656.27	1/4	5,026.45	1/4	5,377.65	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,891.19	1/2	4,278.63	1/2	4,664.17	1/2	5,033.94	1/2	5,385.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,899.26	3/4	4,286.70	3/4	4,672.08	3/4	5,041.43	3/4	5,392.35	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,907.33	1	4,294.78	1	4,679.98	1	5,048.91	1	5,399.71	1		1		1		1		1	
1/4	3,915.40	1/4	4,302.85	1/4	4,687.85	1/4	5,056.37	1/4	5,407.51	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,923.47	1/2	4,310.92	1/2	4,695.73	1/2	5,063.83	1/2	5,415.30	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,931.55	3/4	4,318.99	3/4	4,703.60	3/4	5,071.29	3/4	5,423.10	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,939.62	2	4,327.06	2	4,711.47	2	5,078.74	2	5,430.90	2		2		2		2		2	
1/4	3,947.69	1/4	4,335.14	1/4	4,719.31	1/4	5,086.17	1/4	5,438.93	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,955.76	1/2	4,343.21	1/2	4,727.15	1/2	5,093.60	1/2	5,446.95	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,963.83	3/4	4,351.28	3/4	4,735.00	3/4	5,101.02	3/4	5,454.98	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,971.90	3	4,359.35	3	4,742.84	3	5,108.45	3	5,463.00	3		3		3		3		3	
1/4	3,979.98	1/4	4,367.42	1/4	4,750.65	1/4	5,115.85	1/4	5,470.93	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,988.05	1/2	4,375.49	1/2	4,758.46	1/2	5,123.24	1/2	5,478.85	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,996.12	3/4	4,383.57	3/4	4,766.27	3/4	5,130.64	3/4	5,486.77	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4,004.19	4	4,391.64	4	4,774.08	4	5,138.04	4	5,494.70	4		4		4		4		4	
1/4	4,012.26	1/4	4,399.71	1/4	4,781.86	1/4	5,145.40	1/4	5,501.82	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4,020.34	1/2	4,407.78	1/2	4,789.64	1/2	5,152.77	1/2	5,508.93	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	4,028.41	3/4	4,415.85	3/4	4,797.42	3/4	5,160.13	3/4	5,516.05	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	4,036.48	5	4,423.93	5	4,805.20	5	5,167.50	5	5,523.17	5		5		5		5		5	
1/4	4,044.55	1/4	4,432.00	1/4	4,812.95	1/4	5,174.83	1/4	5,528.77	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4,052.62	1/2	4,440.07	1/2	4,820.70	1/2	5,182.17	1/2	5,534.37	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	4,060.69	3/4	4,448.14	3/4	4,828.45	3/4	5,189.50	3/4	5,539.97	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	4,068.77	6	4,456.21	6	4,836.20	6	5,196.84	6	5,545.58	6		6		6		6		6	
1/4	4,076.84	1/4	4,464.28	1/4	4,843.92	1/4	5,204.14	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4,084.91	1/2	4,472.35	1/2	4,851.64	1/2	5,211.44	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	4,092.98	3/4	4,480.41	3/4	4,859.36	3/4	5,218.75	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	4,101.05	7	4,488.48	7	4,867.08	7	5,226.05	7		7		7		7		7		7	
1/4	4,109.12	1/4	4,496.53	1/4	4,874.77	1/4	5,233.32	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4,117.20	1/2	4,504.59	1/2	4,882.46	1/2	5,240.60	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	4,125.27	3/4	4,512.64	3/4	4,890.14	3/4	5,247.87	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	4,133.34	8	4,520.69	8	4,897.83	8	5,255.14	8		8		8		8		8		8	
1/4	4,141.41	1/4	4,528.72	1/4	4,905.47	1/4	5,262.39	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4,149.48	1/2	4,536.74	1/2	4,913.10	1/2	5,269.63	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	4,157.56	3/4	4,544.77	3/4	4,920.74	3/4	5,276.87	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	4,165.63	9	4,552.80	9	4,928.37	9	5,284.12	9		9		9		9		9		9	
1/4	4,173.70	1/4	4,560.79	1/4	4,935.95	1/4	5,291.33	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4,181.77	1/2	4,568.79	1/2	4,943.53	1/2	5,298.54	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	4,189.84	3/4	4,576.78	3/4	4,951.11	3/4	5,305.75	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	4,197.91	10	4,584.78	10	4,958.69	10	5,312.96	10		10		10		10		10		10	
1/4	4,205.99	1/4	4,592.74	1/4	4,966.24	1/4	5,320.15	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4,214.06	1/2	4,600.70	1/2	4,973.79	1/2	5,327.33	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	4,222.13	3/4	4,608.67	3/4	4,981.34	3/4	5,334.51	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	4,230.20	11	4,616.63	11	4,988.89	11	5,341.69	11		11		11		11		11		11	
1/4	4,238.27	1/4	4,624.57	1/4	4,996.41	1/4	5,348.84	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4,246.35	1/2	4,632.50	1/2	5,003.93	1/2	5,355.99	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	4,254.42	3/4	4,640.43	3/4	5,011.44	3/4	5,363.14	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/12/2021 JS
CALCULATED: 08/12/2021 CL
RENAMED: 05/02/2022 SW

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 29109"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BKF 307"

GAUGE HEIGHT 15'-06"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	13.84	0	388.40	0	771.94	0	1,144.67	0	1,525.97	0	1,914.01	0	2,302.04	0	2,690.02	0	3,077.90	0	3,465.79
1/4	19.23	1/4	396.48	1/4	779.69	1/4	1,152.45	1/4	1,534.06	1/4	1,922.09	1/4	2,310.12	1/4	2,698.10	1/4	3,085.99	1/4	3,473.87
1/2	24.62	1/2	404.56	1/2	787.44	1/2	1,160.23	1/2	1,542.14	1/2	1,930.17	1/2	2,318.21	1/2	2,706.18	1/2	3,094.07	1/2	3,481.95
3/4	30.01	3/4	412.65	3/4	795.20	3/4	1,168.01	3/4	1,550.23	3/4	1,938.26	3/4	2,326.29	3/4	2,714.26	3/4	3,102.15	3/4	3,490.03
1	35.40	1	420.73	1	802.95	1	1,175.79	1	1,558.31	1	1,946.34	1	2,334.37	1	2,722.35	1	3,110.23	1	3,498.11
1/4	42.81	1/4	428.81	1/4	810.71	1/4	1,183.56	1/4	1,566.39	1/4	1,954.43	1/4	2,342.46	1/4	2,730.43	1/4	3,118.31	1/4	3,506.19
1/2	50.22	1/2	436.89	1/2	818.46	1/2	1,191.34	1/2	1,574.48	1/2	1,962.51	1/2	2,350.54	1/2	2,738.51	1/2	3,126.39	1/2	3,514.27
3/4	57.63	3/4	444.97	3/4	826.22	3/4	1,199.12	3/4	1,582.56	3/4	1,970.59	3/4	2,358.63	3/4	2,746.59	3/4	3,134.47	3/4	3,522.35
2	65.04	2	453.05	2	833.97	2	1,206.90	2	1,590.65	2	1,978.68	2	2,366.71	2	2,754.67	2	3,142.55	2	3,530.44
1/4	73.12	1/4	461.13	1/4	841.73	1/4	1,214.68	1/4	1,598.73	1/4	1,986.76	1/4	2,374.79	1/4	2,762.75	1/4	3,150.63	1/4	3,538.52
1/2	81.20	1/2	469.21	1/2	849.48	1/2	1,222.45	1/2	1,606.81	1/2	1,994.85	1/2	2,382.88	1/2	2,770.83	1/2	3,158.71	1/2	3,546.60
3/4	89.29	3/4	477.28	3/4	857.24	3/4	1,230.23	3/4	1,614.90	3/4	2,002.93	3/4	2,390.96	3/4	2,778.91	3/4	3,166.79	3/4	3,554.68
3	97.37	3	485.36	3	864.99	3	1,238.01	3	1,622.98	3	2,011.01	3	2,399.05	3	2,786.99	3	3,174.88	3	3,562.76
1/4	105.46	1/4	493.45	1/4	872.75	1/4	1,245.79	1/4	1,631.07	1/4	2,019.10	1/4	2,407.13	1/4	2,795.07	1/4	3,182.96	1/4	3,570.84
1/2	113.54	1/2	501.53	1/2	880.51	1/2	1,253.57	1/2	1,639.15	1/2	2,027.18	1/2	2,415.21	1/2	2,803.15	1/2	3,191.04	1/2	3,578.92
3/4	121.62	3/4	509.61	3/4	888.26	3/4	1,261.35	3/4	1,647.23	3/4	2,035.27	3/4	2,423.30	3/4	2,811.24	3/4	3,199.12	3/4	3,587.00
4	129.71	4	517.69	4	896.02	4	1,269.12	4	1,655.32	4	2,043.35	4	2,431.38	4	2,819.32	4	3,207.20	4	3,595.08
1/4	137.79	1/4	525.78	1/4	903.78	1/4	1,276.90	1/4	1,663.40	1/4	2,051.43	1/4	2,439.47	1/4	2,827.40	1/4	3,215.28	1/4	3,603.16
1/2	145.88	1/2	533.86	1/2	911.53	1/2	1,284.68	1/2	1,671.49	1/2	2,059.52	1/2	2,447.55	1/2	2,835.48	1/2	3,223.36	1/2	3,611.25
3/4	153.96	3/4	541.95	3/4	919.29	3/4	1,292.46	3/4	1,679.57	3/4	2,067.60	3/4	2,455.63	3/4	2,843.56	3/4	3,231.44	3/4	3,619.33
5	162.04	5	550.03	5	927.04	5	1,300.24	5	1,687.65	5	2,075.69	5	2,463.72	5	2,851.64	5	3,239.52	5	3,627.41
1/4	170.13	1/4	558.11	1/4	934.80	1/4	1,308.17	1/4	1,695.74	1/4	2,083.77	1/4	2,471.80	1/4	2,859.72	1/4	3,247.60	1/4	3,635.49
1/2	178.21	1/2	566.20	1/2	942.56	1/2	1,316.10	1/2	1,703.82	1/2	2,091.85	1/2	2,479.89	1/2	2,867.80	1/2	3,255.68	1/2	3,643.57
3/4	186.30	3/4	574.28	3/4	950.31	3/4	1,324.03	3/4	1,711.91	3/4	2,099.94	3/4	2,487.97	3/4	2,875.88	3/4	3,263.77	3/4	3,651.65
6	194.38	6	582.37	6	958.07	6	1,331.96	6	1,719.99	6	2,108.02	6	2,496.05	6	2,883.96	6	3,271.85	6	3,659.73
1/4	202.46	1/4	590.45	1/4	965.83	1/4	1,340.04	1/4	1,728.07	1/4	2,116.11	1/4	2,504.14	1/4	2,892.04	1/4	3,279.93	1/4	3,667.81
1/2	210.55	1/2	598.53	1/2	973.60	1/2	1,348.13	1/2	1,736.16	1/2	2,124.19	1/2	2,512.22	1/2	2,900.13	1/2	3,288.01	1/2	3,675.89
3/4	218.63	3/4	606.62	3/4	981.36	3/4	1,356.21	3/4	1,744.24	3/4	2,132.27	3/4	2,520.31	3/4	2,908.21	3/4	3,296.09	3/4	3,683.97
7	226.72	7	614.70	7	989.12	7	1,364.29	7	1,752.33	7	2,140.36	7	2,528.39	7	2,916.29	7	3,304.17	7	3,692.06
1/4	234.80	1/4	622.79	1/4	996.90	1/4	1,372.38	1/4	1,760.41	1/4	2,148.44	1/4	2,536.48	1/4	2,924.37	1/4	3,312.25	1/4	3,700.14
1/2	242.88	1/2	630.87	1/2	1,004.67	1/2	1,380.46	1/2	1,768.49	1/2	2,156.53	1/2	2,544.56	1/2	2,932.45	1/2	3,320.33	1/2	3,708.22
3/4	250.97	3/4	638.95	3/4	1,012.45	3/4	1,388.55	3/4	1,776.58	3/4	2,164.61	3/4	2,552.64	3/4	2,940.53	3/4	3,328.41	3/4	3,716.30
8	259.05	8	647.04	8	1,020.22	8	1,396.63	8	1,784.66	8	2,172.69	8	2,560.73	8	2,948.61	8	3,336.49	8	3,724.38
1/4	267.14	1/4	654.97	1/4	1,028.00	1/4	1,404.71	1/4	1,792.75	1/4	2,180.78	1/4	2,568.81	1/4	2,956.69	1/4	3,344.57	1/4	3,732.46
1/2	275.22	1/2	662.90	1/2	1,035.78	1/2	1,412.80	1/2	1,800.83	1/2	2,188.86	1/2	2,576.89	1/2	2,964.77	1/2	3,352.66	1/2	3,740.54
3/4	283.30	3/4	670.83	3/4	1,043.56	3/4	1,420.88	3/4	1,808.91	3/4	2,196.95	3/4	2,584.97	3/4	2,972.85	3/4	3,360.74	3/4	3,748.62
9	291.39	9	678.76	9	1,051.34	9	1,428.97	9	1,817.00	9	2,205.03	9	2,593.05	9	2,980.93	9	3,368.82	9	3,756.70
1/4	299.47	1/4	686.54	1/4	1,059.11	1/4	1,437.05	1/4	1,825.08	1/4	2,213.11	1/4	2,601.13	1/4	2,989.01	1/4	3,376.90	1/4	3,764.78
1/2	307.56	1/2	694.31	1/2	1,066.89	1/2	1,445.13	1/2	1,833.17	1/2	2,221.20	1/2	2,609.21	1/2	2,997.10	1/2	3,384.98	1/2	3,772.86
3/4	315.64	3/4	702.09	3/4	1,074.67	3/4	1,453.22	3/4	1,841.25	3/4	2,229.28	3/4	2,617.29	3/4	3,005.18	3/4	3,393.06	3/4	3,780.94
10	323.72	10	709.86	10	1,082.45	10	1,461.30	10	1,849.33	10	2,237.37	10	2,625.37	10	3,013.26	10	3,401.14	10	3,789.03
1/4	331.81	1/4	717.63	1/4	1,090.23	1/4	1,469.39	1/4	1,857.42	1/4	2,245.45	1/4	2,633.46	1/4	3,021.34	1/4	3,409.22	1/4	3,797.11
1/2	339.89	1/2	725.39	1/2	1,098.01	1/2	1,477.47	1/2	1,865.50	1/2	2,253.53	1/2	2,641.54	1/2	3,029.42	1/2	3,417.30	1/2	3,805.19
3/4	347.98	3/4	733.15	3/4	1,105.78	3/4	1,485.55	3/4	1,873.59	3/4	2,261.62	3/4	2,649.62	3/4	3,037.50	3/4	3,425.38	3/4	3,813.27
11	356.06	11	740.92	11	1,113.56	11	1,493.64	11	1,881.67	11	2,269.70	11	2,657.70	11	3,045.58	11	3,433.46	11	3,821.35
1/4	364.14	1/4	748.67	1/4	1,121.34	1/4	1,501.72	1/4	1,889.75	1/4	2,277.79	1/4	2,665.78	1/4	3,053.66	1/4	3,441.55	1/4	3,829.43
1/2	372.23	1/2	756.43	1/2	1,129.12	1/2	1,509.81	1/2	1,897.84	1/2	2,285.87	1/2	2,673.86	1/2	3,061.74	1/2	3,449.63	1/2	3,837.51
3/4	380.31	3/4	764.18	3/4	1,136.90	3/4	1,517.89	3/4	1,905.92	3/4	2,293.95	3/4	2,681.94	3/4	3,069.82	3/4	3,457.71	3/4	3,845.59

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 29109"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BKF 307"

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	3,853.67	0	4,241.55	0	4,627.86	0	4,998.89	0	5,350.64	0		0		0		0		0	
1/4	3,861.75	1/4	4,249.63	1/4	4,635.78	1/4	5,006.38	1/4	5,358.01	1/4		1/4		1/4		1/4		1/4	
1/2	3,869.83	1/2	4,257.71	1/2	4,643.69	1/2	5,013.88	1/2	5,365.37	1/2		1/2		1/2		1/2		1/2	
3/4	3,877.91	3/4	4,265.79	3/4	4,651.60	3/4	5,021.38	3/4	5,372.73	3/4		3/4		3/4		3/4		3/4	
1	3,885.99	1	4,273.87	1	4,659.51	1	5,028.88	1	5,380.09	1		1		1		1		1	
1/4	3,894.08	1/4	4,281.95	1/4	4,667.39	1/4	5,036.34	1/4	5,387.90	1/4		1/4		1/4		1/4		1/4	
1/2	3,902.16	1/2	4,290.03	1/2	4,675.28	1/2	5,043.81	1/2	5,395.71	1/2		1/2		1/2		1/2		1/2	
3/4	3,910.24	3/4	4,298.12	3/4	4,683.16	3/4	5,051.27	3/4	5,403.52	3/4		3/4		3/4		3/4		3/4	
2	3,918.32	2	4,306.20	2	4,691.04	2	5,058.74	2	5,411.32	2		2		2		2		2	
1/4	3,926.40	1/4	4,314.28	1/4	4,698.89	1/4	5,066.18	1/4	5,419.36	1/4		1/4		1/4		1/4		1/4	
1/2	3,934.48	1/2	4,322.36	1/2	4,706.74	1/2	5,073.61	1/2	5,427.39	1/2		1/2		1/2		1/2		1/2	
3/4	3,942.56	3/4	4,330.44	3/4	4,714.59	3/4	5,081.05	3/4	5,435.42	3/4		3/4		3/4		3/4		3/4	
3	3,950.64	3	4,338.52	3	4,722.44	3	5,088.48	3	5,443.46	3		3		3		3		3	
1/4	3,958.72	1/4	4,346.60	1/4	4,730.26	1/4	5,095.89	1/4	5,451.39	1/4		1/4		1/4		1/4		1/4	
1/2	3,966.80	1/2	4,354.68	1/2	4,738.08	1/2	5,103.29	1/2	5,459.32	1/2		1/2		1/2		1/2		1/2	
3/4	3,974.88	3/4	4,362.76	3/4	4,745.90	3/4	5,110.70	3/4	5,467.26	3/4		3/4		3/4		3/4		3/4	
4	3,982.96	4	4,370.84	4	4,753.72	4	5,118.10	4	5,475.19	4		4		4		4		4	
1/4	3,991.05	1/4	4,378.92	1/4	4,761.51	1/4	5,125.48	1/4	5,482.31	1/4		1/4		1/4		1/4		1/4	
1/2	3,999.13	1/2	4,387.00	1/2	4,769.30	1/2	5,132.85	1/2	5,489.44	1/2		1/2		1/2		1/2		1/2	
3/4	4,007.21	3/4	4,395.09	3/4	4,777.09	3/4	5,140.23	3/4	5,496.56	3/4		3/4		3/4		3/4		3/4	
5	4,015.29	5	4,403.17	5	4,784.88	5	5,147.60	5	5,503.69	5		5		5		5		5	
1/4	4,023.37	1/4	4,411.25	1/4	4,792.64	1/4	5,154.94	1/4	5,509.29	1/4		1/4		1/4		1/4		1/4	
1/2	4,031.45	1/2	4,419.33	1/2	4,800.40	1/2	5,162.29	1/2	5,514.90	1/2		1/2		1/2		1/2		1/2	
3/4	4,039.53	3/4	4,427.41	3/4	4,808.16	3/4	5,169.63	3/4	5,520.51	3/4		3/4		3/4		3/4		3/4	
6	4,047.61	6	4,435.49	6	4,815.91	6	5,176.97	6	5,526.12	6		6		6		6		6	
1/4	4,055.69	1/4	4,443.57	1/4	4,823.64	1/4	5,184.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,063.77	1/2	4,451.64	1/2	4,831.37	1/2	5,191.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,071.85	3/4	4,459.72	3/4	4,839.10	3/4	5,198.91	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,079.93	7	4,467.80	7	4,846.83	7	5,206.22	7		7		7		7		7		7	
1/4	4,088.01	1/4	4,475.86	1/4	4,854.52	1/4	5,213.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,096.10	1/2	4,483.92	1/2	4,862.22	1/2	5,220.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,104.18	3/4	4,491.98	3/4	4,869.92	3/4	5,228.07	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,112.26	8	4,500.04	8	4,877.62	8	5,235.35	8		8		8		8		8		8	
1/4	4,120.34	1/4	4,508.08	1/4	4,885.26	1/4	5,242.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,128.42	1/2	4,516.11	1/2	4,892.90	1/2	5,249.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,136.50	3/4	4,524.15	3/4	4,900.55	3/4	5,257.11	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,144.58	9	4,532.18	9	4,908.19	9	5,264.36	9		9		9		9		9		9	
1/4	4,152.66	1/4	4,540.19	1/4	4,915.78	1/4	5,271.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,160.74	1/2	4,548.19	1/2	4,923.37	1/2	5,278.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,168.82	3/4	4,556.20	3/4	4,930.96	3/4	5,286.02	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,176.90	10	4,564.20	10	4,938.54	10	5,293.24	10		10		10		10		10		10	
1/4	4,184.98	1/4	4,572.17	1/4	4,946.10	1/4	5,300.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,193.07	1/2	4,580.15	1/2	4,953.66	1/2	5,307.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,201.15	3/4	4,588.12	3/4	4,961.22	3/4	5,314.81	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,209.23	11	4,596.09	11	4,968.78	11	5,322.00	11		11		11		11		11		11	
1/4	4,217.31	1/4	4,604.04	1/4	4,976.30	1/4	5,329.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,225.39	1/2	4,611.98	1/2	4,983.83	1/2	5,336.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,233.47	3/4	4,619.92	3/4	4,991.36	3/4	5,343.48	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/12/2021 JS
CALCULATED: 08/12/2021 CL
RENAMED: 05/02/2022 SW

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 29109"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BKF 307"

GAUGE HEIGHT 15'-06 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	12.90	0	361.25	0	719.18	0	1,072.75	0	1,433.47	0	1,794.17	0	2,154.37	0	2,514.95	0	2,875.36	0	3,235.76
1/4	17.91	1/4	368.76	1/4	726.48	1/4	1,080.27	1/4	1,440.98	1/4	1,801.68	1/4	2,161.87	1/4	2,522.46	1/4	2,882.87	1/4	3,243.27
1/2	22.92	1/2	376.28	1/2	733.77	1/2	1,087.78	1/2	1,448.50	1/2	1,809.20	1/2	2,169.37	1/2	2,529.97	1/2	2,890.37	1/2	3,250.78
3/4	27.93	3/4	383.80	3/4	741.07	3/4	1,095.30	3/4	1,456.01	3/4	1,816.71	3/4	2,176.87	3/4	2,537.47	3/4	2,897.88	3/4	3,258.29
1	32.94	1	391.31	1	748.37	1	1,102.81	1	1,463.53	1	1,824.23	1	2,184.37	1	2,544.98	1	2,905.39	1	3,265.80
1/4	39.84	1/4	398.83	1/4	755.67	1/4	1,110.33	1/4	1,471.04	1/4	1,831.74	1/4	2,191.87	1/4	2,552.49	1/4	2,912.90	1/4	3,273.31
1/2	46.73	1/2	406.34	1/2	762.97	1/2	1,117.84	1/2	1,478.55	1/2	1,839.26	1/2	2,199.37	1/2	2,560.00	1/2	2,920.41	1/2	3,280.82
3/4	53.62	3/4	413.86	3/4	770.27	3/4	1,125.36	3/4	1,486.07	3/4	1,846.77	3/4	2,206.88	3/4	2,567.51	3/4	2,927.92	3/4	3,288.32
2	60.51	2	421.37	2	777.57	2	1,132.87	2	1,493.58	2	1,854.28	2	2,214.38	2	2,575.02	2	2,935.42	2	3,295.83
1/4	68.03	1/4	428.88	1/4	784.87	1/4	1,140.39	1/4	1,501.10	1/4	1,861.79	1/4	2,221.89	1/4	2,582.53	1/4	2,942.93	1/4	3,303.34
1/2	75.55	1/2	436.40	1/2	792.17	1/2	1,147.90	1/2	1,508.61	1/2	1,869.30	1/2	2,229.40	1/2	2,590.03	1/2	2,950.44	1/2	3,310.85
3/4	83.07	3/4	443.91	3/4	799.47	3/4	1,155.42	3/4	1,516.13	3/4	1,876.81	3/4	2,236.91	3/4	2,597.54	3/4	2,957.95	3/4	3,318.36
3	90.58	3	451.42	3	806.77	3	1,162.93	3	1,523.64	3	1,884.32	3	2,244.42	3	2,605.05	3	2,965.46	3	3,325.87
1/4	98.10	1/4	458.94	1/4	814.07	1/4	1,170.45	1/4	1,531.16	1/4	1,891.82	1/4	2,251.93	1/4	2,612.56	1/4	2,972.97	1/4	3,333.38
1/2	105.62	1/2	466.46	1/2	821.37	1/2	1,177.96	1/2	1,538.67	1/2	1,899.32	1/2	2,259.45	1/2	2,620.07	1/2	2,980.48	1/2	3,340.88
3/4	113.14	3/4	473.98	3/4	828.68	3/4	1,185.48	3/4	1,546.19	3/4	1,906.82	3/4	2,266.97	3/4	2,627.58	3/4	2,987.98	3/4	3,348.39
4	120.66	4	481.49	4	835.98	4	1,192.99	4	1,553.70	4	1,914.32	4	2,274.49	4	2,635.08	4	2,995.49	4	3,355.90
1/4	128.18	1/4	489.01	1/4	843.28	1/4	1,200.51	1/4	1,561.22	1/4	1,921.82	1/4	2,282.01	1/4	2,642.59	1/4	3,003.00	1/4	3,363.36
1/2	135.70	1/2	496.53	1/2	850.58	1/2	1,208.02	1/2	1,568.73	1/2	1,929.32	1/2	2,289.52	1/2	2,650.10	1/2	3,010.51	1/2	3,370.81
3/4	143.21	3/4	504.05	3/4	857.88	3/4	1,215.54	3/4	1,576.24	3/4	1,936.83	3/4	2,297.04	3/4	2,657.61	3/4	3,018.02	3/4	3,378.26
5	150.73	5	511.57	5	865.18	5	1,223.05	5	1,583.76	5	1,944.33	5	2,304.56	5	2,665.12	5	3,025.53	5	3,385.72
1/4	158.25	1/4	519.08	1/4	872.48	1/4	1,230.57	1/4	1,591.27	1/4	1,951.83	1/4	2,312.08	1/4	2,672.63	1/4	3,033.04	1/4	3,393.12
1/2	165.77	1/2	526.60	1/2	879.78	1/2	1,238.08	1/2	1,598.79	1/2	1,959.33	1/2	2,319.60	1/2	2,680.14	1/2	3,040.54	1/2	3,400.51
3/4	173.29	3/4	534.12	3/4	887.08	3/4	1,245.60	3/4	1,606.30	3/4	1,966.83	3/4	2,327.11	3/4	2,687.64	3/4	3,048.05	3/4	3,407.91
6	180.81	6	541.64	6	894.38	6	1,253.11	6	1,613.82	6	1,974.33	6	2,334.63	6	2,695.15	6	3,055.56	6	3,415.31
1/4	188.32	1/4	549.16	1/4	901.69	1/4	1,260.63	1/4	1,621.33	1/4	1,981.83	1/4	2,342.15	1/4	2,702.66	1/4	3,063.07	1/4	3,422.71
1/2	195.84	1/2	556.68	1/2	909.00	1/2	1,268.14	1/2	1,628.85	1/2	1,989.33	1/2	2,349.67	1/2	2,710.17	1/2	3,070.58	1/2	3,430.11
3/4	203.36	3/4	564.19	3/4	916.31	3/4	1,275.66	3/4	1,636.36	3/4	1,996.84	3/4	2,357.19	3/4	2,717.68	3/4	3,078.09	3/4	3,437.50
7	210.88	7	571.71	7	923.62	7	1,283.17	7	1,643.88	7	2,004.34	7	2,364.70	7	2,725.19	7	3,085.59	7	3,444.90
1/4	218.40	1/4	579.23	1/4	930.94	1/4	1,290.69	1/4	1,651.39	1/4	2,011.84	1/4	2,372.22	1/4	2,732.70	1/4	3,093.10	1/4	3,452.30
1/2	225.92	1/2	586.75	1/2	938.26	1/2	1,298.20	1/2	1,658.91	1/2	2,019.34	1/2	2,379.74	1/2	2,740.20	1/2	3,100.61	1/2	3,459.70
3/4	233.43	3/4	594.27	3/4	945.58	3/4	1,305.72	3/4	1,666.42	3/4	2,026.84	3/4	2,387.25	3/4	2,747.71	3/4	3,108.12	3/4	3,467.10
8	240.95	8	601.79	8	952.89	8	1,313.23	8	1,673.93	8	2,034.34	8	2,394.77	8	2,755.22	8	3,115.63	8	3,474.49
1/4	248.47	1/4	609.21	1/4	960.31	1/4	1,320.75	1/4	1,681.45	1/4	2,041.84	1/4	2,402.29	1/4	2,762.73	1/4	3,123.14	1/4	3,481.89
1/2	255.99	1/2	616.63	1/2	967.73	1/2	1,328.26	1/2	1,688.96	1/2	2,049.35	1/2	2,409.80	1/2	2,770.24	1/2	3,130.65	1/2	3,489.29
3/4	263.51	3/4	624.05	3/4	975.15	3/4	1,335.78	3/4	1,696.48	3/4	2,056.85	3/4	2,417.32	3/4	2,777.75	3/4	3,138.15	3/4	3,496.69
9	271.03	9	631.47	9	982.57	9	1,343.29	9	1,703.99	9	2,064.35	9	2,424.83	9	2,785.25	9	3,145.66	9	3,504.08
1/4	278.54	1/4	638.79	1/4	990.09	1/4	1,350.81	1/4	1,711.51	1/4	2,071.85	1/4	2,432.34	1/4	2,792.76	1/4	3,153.17	1/4	3,511.48
1/2	286.06	1/2	646.11	1/2	997.60	1/2	1,358.32	1/2	1,719.02	1/2	2,079.35	1/2	2,439.86	1/2	2,800.27	1/2	3,160.68	1/2	3,518.88
3/4	293.58	3/4	653.43	3/4	1,005.12	3/4	1,365.84	3/4	1,726.54	3/4	2,086.85	3/4	2,447.37	3/4	2,807.78	3/4	3,168.19	3/4	3,526.28
10	301.10	10	660.75	10	1,012.63	10	1,373.35	10	1,734.05	10	2,094.35	10	2,454.88	10	2,815.29	10	3,175.70	10	3,533.68
1/4	308.62	1/4	668.06	1/4	1,020.15	1/4	1,380.87	1/4	1,741.57	1/4	2,101.86	1/4	2,462.39	1/4	2,822.80	1/4	3,183.21	1/4	3,541.13
1/2	316.14	1/2	675.36	1/2	1,027.66	1/2	1,388.38	1/2	1,749.08	1/2	2,109.36	1/2	2,469.90	1/2	2,830.31	1/2	3,190.71	1/2	3,548.58
3/4	323.66	3/4	682.67	3/4	1,035.18	3/4	1,395.89	3/4	1,756.60	3/4	2,116.86	3/4	2,477.41	3/4	2,837.81	3/4	3,198.22	3/4	3,556.03
11	331.17	11	689.98	11	1,042.69	11	1,403.41	11	1,764.11	11	2,124.36	11	2,484.91	11	2,845.32	11	3,205.73	11	3,563.49
1/4	338.69	1/4	697.28	1/4	1,050.21	1/4	1,410.92	1/4	1,771.62	1/4	2,131.86	1/4	2,492.42	1/4	2,852.83	1/4	3,213.24	1/4	3,570.51
1/2	346.21	1/2	704.58	1/2	1,057.72	1/2	1,418.44	1/2	1,779.14	1/2	2,139.36	1/2	2,499.93	1/2	2,860.34	1/2	3,220.75	1/2	3,577.53
3/4	353.73	3/4	711.88	3/4	1,065.24	3/4	1,425.95	3/4	1,786.65	3/4	2,146.86	3/4	2,507.44	3/4	2,867.85	3/4	3,228.26	3/4	3,584.55

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 29109"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BKF 307"

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	3,591.58	0	3,860.48	0	4,125.96	0	4,377.37	0	4,610.55	0		0		0		0		0	
1/4	3,597.63	1/4	3,866.04	1/4	4,131.37	1/4	4,382.40	1/4	4,615.38	1/4		1/4		1/4		1/4		1/4	
1/2	3,603.68	1/2	3,871.60	1/2	4,136.77	1/2	4,387.42	1/2	4,620.22	1/2		1/2		1/2		1/2		1/2	
3/4	3,609.73	3/4	3,877.16	3/4	4,142.18	3/4	4,392.45	3/4	4,625.06	3/4		3/4		3/4		3/4		3/4	
1	3,615.78	1	3,882.73	1	4,147.58	1	4,397.48	1	4,629.90	1		1		1		1		1	
1/4	3,621.34	1/4	3,888.29	1/4	4,152.96	1/4	4,402.48	1/4	4,635.15	1/4		1/4		1/4		1/4		1/4	
1/2	3,626.90	1/2	3,893.85	1/2	4,158.33	1/2	4,407.48	1/2	4,640.40	1/2		1/2		1/2		1/2		1/2	
3/4	3,632.46	3/4	3,899.41	3/4	4,163.71	3/4	4,412.48	3/4	4,645.66	3/4		3/4		3/4		3/4		3/4	
2	3,638.02	2	3,904.97	2	4,169.08	2	4,417.48	2	4,650.91	2		2		2		2		2	
1/4	3,643.59	1/4	3,910.53	1/4	4,174.43	1/4	4,422.45	1/4	4,656.37	1/4		1/4		1/4		1/4		1/4	
1/2	3,649.15	1/2	3,916.09	1/2	4,179.78	1/2	4,427.42	1/2	4,661.84	1/2		1/2		1/2		1/2		1/2	
3/4	3,654.71	3/4	3,921.66	3/4	4,185.12	3/4	4,432.40	3/4	4,667.30	3/4		3/4		3/4		3/4		3/4	
3	3,660.27	3	3,927.22	3	4,190.47	3	4,437.37	3	4,672.76	3		3		3		3		3	
1/4	3,665.83	1/4	3,932.78	1/4	4,195.79	1/4	4,442.31	1/4	4,678.13	1/4		1/4		1/4		1/4		1/4	
1/2	3,671.39	1/2	3,938.34	1/2	4,201.11	1/2	4,447.25	1/2	4,683.50	1/2		1/2		1/2		1/2		1/2	
3/4	3,676.95	3/4	3,943.90	3/4	4,206.43	3/4	4,452.20	3/4	4,688.87	3/4		3/4		3/4		3/4		3/4	
4	3,682.51	4	3,949.46	4	4,211.75	4	4,457.14	4	4,694.24	4		4		4		4		4	
1/4	3,688.08	1/4	3,955.02	1/4	4,217.04	1/4	4,462.05	1/4	4,698.86	1/4		1/4		1/4		1/4		1/4	
1/2	3,693.64	1/2	3,960.58	1/2	4,222.33	1/2	4,466.97	1/2	4,703.47	1/2		1/2		1/2		1/2		1/2	
3/4	3,699.20	3/4	3,966.15	3/4	4,227.62	3/4	4,471.88	3/4	4,708.09	3/4		3/4		3/4		3/4		3/4	
5	3,704.76	5	3,971.71	5	4,232.91	5	4,476.80	5	4,712.71	5		5		5		5		5	
1/4	3,710.32	1/4	3,977.27	1/4	4,238.17	1/4	4,481.68	1/4	4,715.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,715.88	1/2	3,982.83	1/2	4,243.43	1/2	4,486.57	1/2	4,719.12	1/2		1/2		1/2		1/2		1/2	
3/4	3,721.44	3/4	3,988.39	3/4	4,248.69	3/4	4,491.46	3/4	4,722.33	3/4		3/4		3/4		3/4		3/4	
6	3,727.01	6	3,993.95	6	4,253.95	6	4,496.34	6	4,725.54	6		6		6		6		6	
1/4	3,732.57	1/4	3,999.51	1/4	4,259.18	1/4	4,501.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,738.13	1/2	4,005.07	1/2	4,264.42	1/2	4,506.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,743.69	3/4	4,010.62	3/4	4,269.65	3/4	4,510.91	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,749.25	7	4,016.18	7	4,274.88	7	4,515.77	7		7		7		7		7		7	
1/4	3,754.81	1/4	4,021.72	1/4	4,280.09	1/4	4,520.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,760.37	1/2	4,027.27	1/2	4,285.29	1/2	4,525.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,765.94	3/4	4,032.81	3/4	4,290.49	3/4	4,530.26	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,771.50	8	4,038.35	8	4,295.70	8	4,535.09	8		8		8		8		8		8	
1/4	3,777.06	1/4	4,043.87	1/4	4,300.86	1/4	4,539.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,782.62	1/2	4,049.39	1/2	4,306.02	1/2	4,544.69	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,788.18	3/4	4,054.91	3/4	4,311.18	3/4	4,549.49	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,793.74	9	4,060.43	9	4,316.34	9	4,554.29	9		9		9		9		9		9	
1/4	3,799.30	1/4	4,065.92	1/4	4,321.45	1/4	4,559.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,804.87	1/2	4,071.41	1/2	4,326.56	1/2	4,563.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,810.43	3/4	4,076.90	3/4	4,331.68	3/4	4,568.50	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,815.99	10	4,082.39	10	4,336.79	10	4,573.24	10		10		10		10		10		10	
1/4	3,821.55	1/4	4,087.85	1/4	4,341.88	1/4	4,577.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,827.11	1/2	4,093.31	1/2	4,346.97	1/2	4,582.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,832.67	3/4	4,098.77	3/4	4,352.05	3/4	4,587.27	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,838.23	11	4,104.23	11	4,357.14	11	4,591.95	11		11		11		11		11		11	
1/4	3,843.80	1/4	4,109.67	1/4	4,362.19	1/4	4,596.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,849.36	1/2	4,115.10	1/2	4,367.25	1/2	4,601.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,854.92	3/4	4,120.53	3/4	4,372.31	3/4	4,605.90	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/12/2021 JS
CALCULATED: 08/12/2021 CL
RENAMED: 05/02/2022 SW

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 29109"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BKF 307"

GAUGE HEIGHT 15'-05 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	12.90	0	360.97	0	714.50	0	1,057.63	0	1,417.63	0	1,777.08	0	2,132.80	0	2,492.73	0	2,852.42	0	3,212.20
1/4	17.91	1/4	368.48	1/4	721.50	1/4	1,065.13	1/4	1,425.13	1/4	1,784.48	1/4	2,140.29	1/4	2,500.22	1/4	2,859.91	1/4	3,219.70
1/2	22.92	1/2	375.98	1/2	728.50	1/2	1,072.62	1/2	1,432.63	1/2	1,791.89	1/2	2,147.78	1/2	2,507.71	1/2	2,867.41	1/2	3,227.19
3/4	27.94	3/4	383.49	3/4	735.50	3/4	1,080.12	3/4	1,440.13	3/4	1,799.30	3/4	2,155.27	3/4	2,515.20	3/4	2,874.91	3/4	3,234.69
1	32.95	1	391.00	1	742.50	1	1,087.61	1	1,447.63	1	1,806.71	1	2,162.76	1	2,522.69	1	2,882.40	1	3,242.19
1/4	39.84	1/4	398.50	1/4	749.50	1/4	1,095.11	1/4	1,455.13	1/4	1,814.12	1/4	2,170.25	1/4	2,530.18	1/4	2,889.90	1/4	3,249.68
1/2	46.74	1/2	406.01	1/2	756.50	1/2	1,102.61	1/2	1,462.63	1/2	1,821.53	1/2	2,177.74	1/2	2,537.67	1/2	2,897.39	1/2	3,257.18
3/4	53.63	3/4	413.51	3/4	763.51	3/4	1,110.11	3/4	1,470.13	3/4	1,828.94	3/4	2,185.23	3/4	2,545.16	3/4	2,904.89	3/4	3,264.67
2	60.52	2	421.01	2	770.51	2	1,117.61	2	1,477.63	2	1,836.35	2	2,192.72	2	2,552.65	2	2,912.38	2	3,272.17
1/4	68.04	1/4	428.52	1/4	777.51	1/4	1,125.11	1/4	1,485.13	1/4	1,843.75	1/4	2,200.21	1/4	2,560.14	1/4	2,919.88	1/4	3,279.66
1/2	75.56	1/2	436.02	1/2	784.51	1/2	1,132.62	1/2	1,492.63	1/2	1,851.16	1/2	2,207.71	1/2	2,567.63	1/2	2,927.37	1/2	3,287.16
3/4	83.08	3/4	443.52	3/4	791.51	3/4	1,140.12	3/4	1,500.13	3/4	1,858.56	3/4	2,215.21	3/4	2,575.12	3/4	2,934.87	3/4	3,294.65
3	90.60	3	451.03	3	798.51	3	1,147.62	3	1,507.63	3	1,865.96	3	2,222.71	3	2,582.61	3	2,942.37	3	3,302.15
1/4	98.12	1/4	458.53	1/4	805.52	1/4	1,155.13	1/4	1,515.13	1/4	1,873.36	1/4	2,230.21	1/4	2,590.10	1/4	2,949.86	1/4	3,309.64
1/2	105.64	1/2	466.04	1/2	812.52	1/2	1,162.63	1/2	1,522.62	1/2	1,880.76	1/2	2,237.72	1/2	2,597.59	1/2	2,957.36	1/2	3,317.14
3/4	113.16	3/4	473.55	3/4	819.52	3/4	1,170.13	3/4	1,530.12	3/4	1,888.15	3/4	2,245.23	3/4	2,605.09	3/4	2,964.85	3/4	3,324.64
4	120.68	4	481.06	4	826.52	4	1,177.63	4	1,537.62	4	1,895.55	4	2,252.73	4	2,612.58	4	2,972.35	4	3,332.13
1/4	128.20	1/4	488.56	1/4	833.52	1/4	1,185.13	1/4	1,545.12	1/4	1,902.95	1/4	2,260.24	1/4	2,620.07	1/4	2,979.84	1/4	3,339.57
1/2	135.71	1/2	496.07	1/2	840.53	1/2	1,192.63	1/2	1,552.62	1/2	1,910.34	1/2	2,267.75	1/2	2,627.56	1/2	2,987.34	1/2	3,347.01
3/4	143.22	3/4	503.58	3/4	847.53	3/4	1,200.13	3/4	1,560.12	3/4	1,917.74	3/4	2,275.25	3/4	2,635.05	3/4	2,994.83	3/4	3,354.45
5	150.74	5	511.09	5	854.53	5	1,207.63	5	1,567.62	5	1,925.14	5	2,282.76	5	2,642.55	5	3,002.33	5	3,361.89
1/4	158.25	1/4	518.60	1/4	861.53	1/4	1,215.13	1/4	1,575.12	1/4	1,932.53	1/4	2,290.27	1/4	2,650.04	1/4	3,009.82	1/4	3,369.28
1/2	165.75	1/2	526.10	1/2	868.53	1/2	1,222.63	1/2	1,582.62	1/2	1,939.93	1/2	2,297.77	1/2	2,657.54	1/2	3,017.32	1/2	3,376.66
3/4	173.26	3/4	533.61	3/4	875.52	3/4	1,230.13	3/4	1,590.12	3/4	1,947.33	3/4	2,305.28	3/4	2,665.03	3/4	3,024.82	3/4	3,384.05
6	180.77	6	541.12	6	882.52	6	1,237.63	6	1,597.62	6	1,954.72	6	2,312.78	6	2,672.53	6	3,032.31	6	3,391.43
1/4	188.28	1/4	548.63	1/4	889.53	1/4	1,245.13	1/4	1,605.12	1/4	1,962.12	1/4	2,320.29	1/4	2,680.02	1/4	3,039.81	1/4	3,398.82
1/2	195.79	1/2	556.14	1/2	896.53	1/2	1,252.63	1/2	1,612.62	1/2	1,969.51	1/2	2,327.80	1/2	2,687.52	1/2	3,047.30	1/2	3,406.20
3/4	203.30	3/4	563.65	3/4	903.54	3/4	1,260.13	3/4	1,620.12	3/4	1,976.91	3/4	2,335.30	3/4	2,695.01	3/4	3,054.80	3/4	3,413.59
7	210.80	7	571.15	7	910.55	7	1,267.63	7	1,627.62	7	1,984.31	7	2,342.81	7	2,702.51	7	3,062.29	7	3,420.98
1/4	218.31	1/4	578.66	1/4	917.58	1/4	1,275.13	1/4	1,635.12	1/4	1,991.70	1/4	2,350.31	1/4	2,710.00	1/4	3,069.79	1/4	3,428.37
1/2	225.82	1/2	586.17	1/2	924.60	1/2	1,282.63	1/2	1,642.62	1/2	1,999.10	1/2	2,357.82	1/2	2,717.50	1/2	3,077.28	1/2	3,435.76
3/4	233.33	3/4	593.68	3/4	931.63	3/4	1,290.13	3/4	1,650.12	3/4	2,006.50	3/4	2,365.32	3/4	2,725.00	3/4	3,084.78	3/4	3,443.15
8	240.84	8	601.19	8	938.65	8	1,297.63	8	1,657.62	8	2,013.89	8	2,372.83	8	2,732.49	8	3,092.28	8	3,450.54
1/4	248.35	1/4	608.66	1/4	945.92	1/4	1,305.13	1/4	1,665.12	1/4	2,021.29	1/4	2,380.33	1/4	2,739.99	1/4	3,099.77	1/4	3,457.93
1/2	255.85	1/2	615.74	1/2	953.18	1/2	1,312.63	1/2	1,672.62	1/2	2,028.69	1/2	2,387.83	1/2	2,747.48	1/2	3,107.27	1/2	3,465.33
3/4	263.36	3/4	623.01	3/4	960.44	3/4	1,320.13	3/4	1,680.12	3/4	2,036.08	3/4	2,395.33	3/4	2,754.98	3/4	3,114.76	3/4	3,472.73
9	270.87	9	630.28	9	967.70	9	1,327.63	9	1,687.62	9	2,043.48	9	2,402.83	9	2,762.47	9	3,122.26	9	3,480.12
1/4	278.38	1/4	637.32	1/4	975.20	1/4	1,335.13	1/4	1,695.12	1/4	2,050.88	1/4	2,410.33	1/4	2,769.97	1/4	3,129.75	1/4	3,487.52
1/2	285.89	1/2	644.36	1/2	982.69	1/2	1,342.63	1/2	1,702.62	1/2	2,058.27	1/2	2,417.82	1/2	2,777.46	1/2	3,137.25	1/2	3,494.92
3/4	293.40	3/4	651.39	3/4	990.18	3/4	1,350.13	3/4	1,710.12	3/4	2,065.67	3/4	2,425.31	3/4	2,784.96	3/4	3,144.74	3/4	3,502.31
10	300.90	10	658.43	10	997.68	10	1,357.63	10	1,717.62	10	2,073.07	10	2,432.81	10	2,792.46	10	3,152.24	10	3,509.71
1/4	308.41	1/4	665.45	1/4	1,005.17	1/4	1,365.13	1/4	1,725.07	1/4	2,080.51	1/4	2,440.30	1/4	2,799.95	1/4	3,159.73	1/4	3,517.16
1/2	315.92	1/2	672.47	1/2	1,012.67	1/2	1,372.63	1/2	1,732.53	1/2	2,087.95	1/2	2,447.79	1/2	2,807.45	1/2	3,167.23	1/2	3,524.61
3/4	323.43	3/4	679.48	3/4	1,020.16	3/4	1,380.13	3/4	1,739.98	3/4	2,095.39	3/4	2,455.28	3/4	2,814.94	3/4	3,174.73	3/4	3,532.07
11	330.94	11	686.50	11	1,027.66	11	1,387.63	11	1,747.44	11	2,102.84	11	2,462.77	11	2,822.44	11	3,182.22	11	3,539.52
1/4	338.45	1/4	693.50	1/4	1,035.15	1/4	1,395.13	1/4	1,754.85	1/4	2,110.33	1/4	2,470.26	1/4	2,829.93	1/4	3,189.72	1/4	3,546.54
1/2	345.95	1/2	700.50	1/2	1,042.65	1/2	1,402.63	1/2	1,762.26	1/2	2,117.82	1/2	2,477.75	1/2	2,837.43	1/2	3,197.21	1/2	3,553.57
3/4	353.46	3/4	707.50	3/4	1,050.14	3/4	1,410.13	3/4	1,769.67	3/4	2,125.31	3/4	2,485.24	3/4	2,844.92	3/4	3,204.71	3/4	3,560.59

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 29109"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BKF 307"

GAUGE HEIGHT 15'-05 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,567.62	0	3,836.88	0	4,102.73	0	4,354.55	0	4,588.20	0		0		0		0		0	
1/4	3,573.67	1/4	3,842.44	1/4	4,108.14	1/4	4,359.58	1/4	4,593.05	1/4		1/4		1/4		1/4		1/4	
1/2	3,579.73	1/2	3,848.01	1/2	4,113.56	1/2	4,364.62	1/2	4,597.89	1/2		1/2		1/2		1/2		1/2	
3/4	3,585.78	3/4	3,853.58	3/4	4,118.97	3/4	4,369.66	3/4	4,602.74	3/4		3/4		3/4		3/4		3/4	
1	3,591.84	1	3,859.15	1	4,124.38	1	4,374.70	1	4,607.59	1		1		1		1		1	
1/4	3,597.41	1/4	3,864.72	1/4	4,129.76	1/4	4,379.71	1/4	4,612.85	1/4		1/4		1/4		1/4		1/4	
1/2	3,602.98	1/2	3,870.29	1/2	4,135.15	1/2	4,384.72	1/2	4,618.11	1/2		1/2		1/2		1/2		1/2	
3/4	3,608.55	3/4	3,875.86	3/4	4,140.53	3/4	4,389.73	3/4	4,623.37	3/4		3/4		3/4		3/4		3/4	
2	3,614.12	2	3,881.43	2	4,145.92	2	4,394.74	2	4,628.63	2		2		2		2		2	
1/4	3,619.68	1/4	3,887.00	1/4	4,151.27	1/4	4,399.72	1/4	4,634.11	1/4		1/4		1/4		1/4		1/4	
1/2	3,625.25	1/2	3,892.57	1/2	4,156.63	1/2	4,404.70	1/2	4,639.58	1/2		1/2		1/2		1/2		1/2	
3/4	3,630.82	3/4	3,898.13	3/4	4,161.98	3/4	4,409.68	3/4	4,645.05	3/4		3/4		3/4		3/4		3/4	
3	3,636.39	3	3,903.70	3	4,167.34	3	4,414.66	3	4,650.52	3		3		3		3		3	
1/4	3,641.96	1/4	3,909.27	1/4	4,172.66	1/4	4,419.61	1/4	4,655.90	1/4		1/4		1/4		1/4		1/4	
1/2	3,647.53	1/2	3,914.84	1/2	4,177.99	1/2	4,424.57	1/2	4,661.27	1/2		1/2		1/2		1/2		1/2	
3/4	3,653.10	3/4	3,920.41	3/4	4,183.32	3/4	4,429.52	3/4	4,666.65	3/4		3/4		3/4		3/4		3/4	
4	3,658.67	4	3,925.98	4	4,188.64	4	4,434.47	4	4,672.03	4		4		4		4		4	
1/4	3,664.24	1/4	3,931.55	1/4	4,193.94	1/4	4,439.40	1/4	4,676.65	1/4		1/4		1/4		1/4		1/4	
1/2	3,669.81	1/2	3,937.12	1/2	4,199.24	1/2	4,444.32	1/2	4,681.28	1/2		1/2		1/2		1/2		1/2	
3/4	3,675.37	3/4	3,942.69	3/4	4,204.54	3/4	4,449.24	3/4	4,685.90	3/4		3/4		3/4		3/4		3/4	
5	3,680.94	5	3,948.26	5	4,209.84	5	4,454.17	5	4,690.53	5		5		5		5		5	
1/4	3,686.51	1/4	3,953.82	1/4	4,215.11	1/4	4,459.06	1/4	4,693.74	1/4		1/4		1/4		1/4		1/4	
1/2	3,692.08	1/2	3,959.39	1/2	4,220.38	1/2	4,463.96	1/2	4,696.96	1/2		1/2		1/2		1/2		1/2	
3/4	3,697.65	3/4	3,964.96	3/4	4,225.65	3/4	4,468.85	3/4	4,700.17	3/4		3/4		3/4		3/4		3/4	
6	3,703.22	6	3,970.53	6	4,230.92	6	4,473.75	6	4,703.39	6		6		6		6		6	
1/4	3,708.79	1/4	3,976.10	1/4	4,236.16	1/4	4,478.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,714.36	1/2	3,981.66	1/2	4,241.40	1/2	4,483.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,719.93	3/4	3,987.23	3/4	4,246.64	3/4	4,488.35	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,725.50	7	3,992.79	7	4,251.88	7	4,493.22	7		7		7		7		7		7	
1/4	3,731.06	1/4	3,998.34	1/4	4,257.10	1/4	4,498.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,736.63	1/2	4,003.89	1/2	4,262.31	1/2	4,502.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,742.20	3/4	4,009.44	3/4	4,267.52	3/4	4,507.73	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,747.77	8	4,015.00	8	4,272.73	8	4,512.57	8		8		8		8		8		8	
1/4	3,753.34	1/4	4,020.52	1/4	4,277.90	1/4	4,517.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,758.91	1/2	4,026.05	1/2	4,283.07	1/2	4,522.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,764.48	3/4	4,031.57	3/4	4,288.24	3/4	4,527.00	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,770.05	9	4,037.10	9	4,293.41	9	4,531.81	9		9		9		9		9		9	
1/4	3,775.62	1/4	4,042.60	1/4	4,298.53	1/4	4,536.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,781.19	1/2	4,048.10	1/2	4,303.65	1/2	4,541.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,786.75	3/4	4,053.59	3/4	4,308.78	3/4	4,546.06	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,792.32	10	4,059.09	10	4,313.90	10	4,550.81	10		10		10		10		10		10	
1/4	3,797.89	1/4	4,064.56	1/4	4,319.00	1/4	4,555.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,803.46	1/2	4,070.03	1/2	4,324.09	1/2	4,560.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,809.03	3/4	4,075.50	3/4	4,329.19	3/4	4,564.87	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,814.60	11	4,080.97	11	4,334.28	11	4,569.56	11		11		11		11		11		11	
1/4	3,820.17	1/4	4,086.41	1/4	4,339.35	1/4	4,574.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,825.74	1/2	4,091.85	1/2	4,344.41	1/2	4,578.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,831.31	3/4	4,097.29	3/4	4,349.48	3/4	4,583.54	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/12/2021 JS
CALCULATED: 08/12/2021 CL
RENAMED: 05/02/2022 SW

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 29109"

ULLAGE TRIM TABLE

FORMERLY "BKF 307"

	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 29109"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BKF 307"

GAUGE HEIGHT 15'-05 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0	4,594.51	0	4,294.15	0	3,984.73	0	3,658.82	0	3,326.80	0	2,994.79	0	2,662.76	0	2,330.74	0	1,998.71
1/4		1/4	4,589.71	1/4	4,287.87	1/4	3,978.09	1/4	3,651.90	1/4	3,319.89	1/4	2,987.87	1/4	2,655.84	1/4	2,323.82	1/4	1,991.79
1/2		1/2	4,584.91	1/2	4,281.58	1/2	3,971.45	1/2	3,644.98	1/2	3,312.97	1/2	2,980.95	1/2	2,648.93	1/2	2,316.91	1/2	1,984.87
3/4		3/4	4,580.11	3/4	4,275.29	3/4	3,964.81	3/4	3,638.07	3/4	3,306.05	3/4	2,974.04	3/4	2,642.01	3/4	2,309.99	3/4	1,977.95
1		1	4,574.01	1	4,268.98	1	3,958.14	1	3,631.15	1	3,299.13	1	2,967.12	1	2,635.09	1	2,303.07	1	1,971.03
1/4		1/4	4,567.91	1/4	4,262.67	1/4	3,951.47	1/4	3,624.23	1/4	3,292.22	1/4	2,960.20	1/4	2,628.17	1/4	2,296.15	1/4	1,964.11
1/2		1/2	4,561.81	1/2	4,256.36	1/2	3,944.80	1/2	3,617.32	1/2	3,285.30	1/2	2,953.28	1/2	2,621.26	1/2	2,289.24	1/2	1,957.19
3/4		3/4	4,555.71	3/4	4,250.04	3/4	3,938.14	3/4	3,610.40	3/4	3,278.38	3/4	2,946.36	3/4	2,614.34	3/4	2,282.32	3/4	1,950.27
2		2	4,548.92	2	4,243.70	2	3,931.44	2	3,603.48	2	3,271.47	2	2,939.44	2	2,607.42	2	2,275.40	2	1,943.35
1/4		1/4	4,542.13	1/4	4,237.37	1/4	3,924.75	1/4	3,596.57	1/4	3,264.55	1/4	2,932.53	1/4	2,600.51	1/4	2,268.49	1/4	1,936.43
1/2		1/2	4,535.34	1/2	4,231.03	1/2	3,918.06	1/2	3,589.65	1/2	3,257.63	1/2	2,925.61	1/2	2,593.59	1/2	2,261.57	1/2	1,929.51
3/4		3/4	4,528.55	3/4	4,224.69	3/4	3,911.36	3/4	3,582.73	3/4	3,250.72	3/4	2,918.69	3/4	2,586.67	3/4	2,254.65	3/4	1,922.59
3		3	4,521.67	3	4,218.32	3	3,904.64	3	3,575.81	3	3,243.80	3	2,911.78	3	2,579.75	3	2,247.73	3	1,915.67
1/4		1/4	4,514.80	1/4	4,211.96	1/4	3,897.92	1/4	3,568.90	1/4	3,236.88	1/4	2,904.86	1/4	2,572.84	1/4	2,240.82	1/4	1,908.75
1/2		1/2	4,507.92	1/2	4,205.59	1/2	3,891.20	1/2	3,561.98	1/2	3,229.96	1/2	2,897.94	1/2	2,565.92	1/2	2,233.90	1/2	1,901.83
3/4		3/4	4,501.04	3/4	4,199.23	3/4	3,884.48	3/4	3,555.06	3/4	3,223.05	3/4	2,891.02	3/4	2,559.00	3/4	2,226.98	3/4	1,894.91
4		4	4,494.36	4	4,192.84	4	3,877.74	4	3,548.15	4	3,216.13	4	2,884.11	4	2,552.09	4	2,220.07	4	1,887.99
1/4		1/4	4,487.67	1/4	4,186.45	1/4	3,870.99	1/4	3,541.23	1/4	3,209.21	1/4	2,877.19	1/4	2,545.17	1/4	2,213.15	1/4	1,881.07
1/2		1/2	4,480.99	1/2	4,180.06	1/2	3,864.24	1/2	3,534.31	1/2	3,202.30	1/2	2,870.27	1/2	2,538.25	1/2	2,206.23	1/2	1,874.15
3/4		3/4	4,474.31	3/4	4,173.66	3/4	3,857.50	3/4	3,527.40	3/4	3,195.38	3/4	2,863.36	3/4	2,531.34	3/4	2,199.31	3/4	1,867.23
5		5	4,468.00	5	4,167.25	5	3,850.72	5	3,520.48	5	3,188.46	5	2,856.44	5	2,524.42	5	2,192.40	5	1,860.31
1/4		1/4	4,461.70	1/4	4,160.83	1/4	3,843.95	1/4	3,513.56	1/4	3,181.55	1/4	2,849.52	1/4	2,517.50	1/4	2,185.48	1/4	1,853.39
1/2		1/2	4,455.40	1/2	4,154.41	1/2	3,837.18	1/2	3,506.64	1/2	3,174.63	1/2	2,842.60	1/2	2,510.58	1/2	2,178.56	1/2	1,846.47
3/4		3/4	4,449.10	3/4	4,147.99	3/4	3,830.41	3/4	3,499.73	3/4	3,167.71	3/4	2,835.69	3/4	2,503.67	3/4	2,171.65	3/4	1,839.55
6		6	4,442.97	6	4,141.55	6	3,823.61	6	3,492.81	6	3,160.79	6	2,828.77	6	2,496.75	6	2,164.73	6	1,832.63
1/4		1/4	4,436.84	1/4	4,135.11	1/4	3,816.81	1/4	3,485.89	1/4	3,153.88	1/4	2,821.85	1/4	2,489.83	1/4	2,157.81	1/4	1,825.71
1/2		1/2	4,430.71	1/2	4,128.66	1/2	3,810.01	1/2	3,478.98	1/2	3,146.96	1/2	2,814.94	1/2	2,482.92	1/2	2,150.89	1/2	1,818.79
3/4		3/4	4,424.58	3/4	4,122.22	3/4	3,803.21	3/4	3,472.06	3/4	3,140.04	3/4	2,808.02	3/4	2,476.00	3/4	2,143.98	3/4	1,811.87
7		7	4,418.43	7	4,115.75	7	3,796.39	7	3,465.14	7	3,133.13	7	2,801.10	7	2,469.08	7	2,137.06	7	1,804.95
1/4		1/4	4,412.27	1/4	4,109.28	1/4	3,789.56	1/4	3,458.23	1/4	3,126.21	1/4	2,794.19	1/4	2,462.16	1/4	2,130.14	1/4	1,798.03
1/2		1/2	4,406.12	1/2	4,102.81	1/2	3,782.74	1/2	3,451.31	1/2	3,119.29	1/2	2,787.27	1/2	2,455.25	1/2	2,123.23	1/2	1,791.11
3/4		3/4	4,399.96	3/4	4,096.34	3/4	3,775.91	3/4	3,444.39	3/4	3,112.38	3/4	2,780.35	3/4	2,448.33	3/4	2,116.31	3/4	1,784.19
8		8	4,393.78	8	4,089.84	8	3,769.06	8	3,437.47	8	3,105.46	8	2,773.43	8	2,441.41	8	2,109.39	8	1,777.27
1/4		1/4	4,387.60	1/4	4,083.35	1/4	3,762.21	1/4	3,430.56	1/4	3,098.54	1/4	2,766.52	1/4	2,434.50	1/4	2,102.48	1/4	1,770.35
1/2		1/2	4,381.42	1/2	4,076.85	1/2	3,755.36	1/2	3,423.64	1/2	3,091.62	1/2	2,759.60	1/2	2,427.58	1/2	2,095.56	1/2	1,763.43
3/4		3/4	4,375.24	3/4	4,070.36	3/4	3,748.51	3/4	3,416.72	3/4	3,084.71	3/4	2,752.68	3/4	2,420.66	3/4	2,088.64	3/4	1,756.51
9		9	4,369.03	9	4,063.81	9	3,741.63	9	3,409.81	9	3,077.79	9	2,745.77	9	2,413.74	9	2,081.72	9	1,749.59
1/4		1/4	4,362.83	1/4	4,057.27	1/4	3,734.75	1/4	3,402.89	1/4	3,070.87	1/4	2,738.85	1/4	2,406.83	1/4	2,074.81	1/4	1,742.67
1/2		1/2	4,356.62	1/2	4,050.73	1/2	3,727.87	1/2	3,395.97	1/2	3,063.96	1/2	2,731.93	1/2	2,399.91	1/2	2,067.89	1/2	1,735.75
3/4		3/4	4,350.41	3/4	4,044.19	3/4	3,720.99	3/4	3,389.06	3/4	3,057.04	3/4	2,725.01	3/4	2,392.99	3/4	2,060.97	3/4	1,728.83
10		10	4,344.18	10	4,037.60	10	3,714.09	10	3,382.14	10	3,050.12	10	2,718.10	10	2,386.08	10	2,054.06	10	1,721.92
1/4		1/4	4,337.94	1/4	4,031.01	1/4	3,707.19	1/4	3,375.22	1/4	3,043.21	1/4	2,711.18	1/4	2,379.16	1/4	2,047.14	1/4	1,715.00
1/2		1/2	4,331.71	1/2	4,024.42	1/2	3,700.29	1/2	3,368.30	1/2	3,036.29	1/2	2,704.26	1/2	2,372.24	1/2	2,040.22	1/2	1,708.08
3/4		3/4	4,325.48	3/4	4,017.83	3/4	3,693.39	3/4	3,361.39	3/4	3,029.37	3/4	2,697.35	3/4	2,365.32	3/4	2,033.31	3/4	1,701.16
11		11	4,319.22	11	4,011.22	11	3,686.48	11	3,354.47	11	3,022.45	11	2,690.43	11	2,358.41	11	2,026.39	11	1,694.24
1/4		1/4	4,312.96	1/4	4,004.60	1/4	3,679.56	1/4	3,347.55	1/4	3,015.54	1/4	2,683.51	1/4	2,351.49	1/4	2,019.47	1/4	1,687.32
1/2		1/2	4,306.70	1/2	3,997.99	1/2	3,672.65	1/2	3,340.64	1/2	3,008.62	1/2	2,676.59	1/2	2,344.57	1/2	2,012.55	1/2	1,680.40
3/4		3/4	4,599.31	3/4	4,300.44	3/4	3,991.37	3/4	3,665.74	3/4	3,333.72	3/4	3,001.70	3/4	2,669.68	3/4	2,005.63	3/4	1,673.48

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE.

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTC 29109"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BKF 307"

GAUGE HEIGHT 15'-05 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,666.56	0	1,334.41	0	1,002.71	0	686.29	0	393.20	0	122.22	0		0		0		0	
1/4	1,659.64	1/4	1,327.49	1/4	995.89	1/4	679.96	1/4	387.33	1/4	116.83	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,652.72	1/2	1,320.57	1/2	989.07	1/2	673.64	1/2	381.46	1/2	111.43	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,645.80	3/4	1,313.65	3/4	982.25	3/4	667.31	3/4	375.58	3/4	106.03	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,638.88	1	1,306.73	1	975.47	1	661.03	1	369.75	1	100.67	1	1	1	1	1	1	1	1
1/4	1,631.96	1/4	1,299.81	1/4	968.68	1/4	654.74	1/4	363.92	1/4	95.31	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,625.04	1/2	1,292.89	1/2	961.90	1/2	648.46	1/2	358.08	1/2	89.95	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,618.12	3/4	1,285.97	3/4	955.12	3/4	642.17	3/4	352.25	3/4	84.59	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,611.20	2	1,279.05	2	948.38	2	635.92	2	346.45	2	79.26	2	2	2	2	2	2	2	2
1/4	1,604.28	1/4	1,272.13	1/4	941.64	1/4	629.68	1/4	340.66	1/4	73.94	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,597.36	1/2	1,265.21	1/2	934.90	1/2	623.43	1/2	334.87	1/2	68.62	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,590.44	3/4	1,258.29	3/4	928.15	3/4	617.19	3/4	329.08	3/4	63.30	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,583.52	3	1,251.37	3	921.45	3	610.98	3	323.33	3	58.02	3	3	3	3	3	3	3	3
1/4	1,576.60	1/4	1,244.45	1/4	914.75	1/4	604.77	1/4	317.57	1/4	52.74	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,569.68	1/2	1,237.53	1/2	908.05	1/2	598.56	1/2	311.82	1/2	47.46	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,562.76	3/4	1,230.61	3/4	901.34	3/4	592.36	3/4	306.07	3/4	42.18	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,555.84	4	1,223.69	4	894.68	4	586.19	4	300.36	4	37.51	4	4	4	4	4	4	4	4
1/4	1,548.92	1/4	1,216.77	1/4	888.02	1/4	580.03	1/4	294.65	1/4	32.85	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,542.00	1/2	1,209.85	1/2	881.35	1/2	573.86	1/2	288.94	1/2	28.18	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,535.08	3/4	1,202.93	3/4	874.69	3/4	567.69	3/4	283.23	3/4	23.52	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,528.16	5	1,196.01	5	868.07	5	561.57	5	277.56	5	20.18	5	5	5	5	5	5	5	5
1/4	1,521.24	1/4	1,189.09	1/4	861.44	1/4	555.44	1/4	271.88	1/4	16.85	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,514.32	1/2	1,182.17	1/2	854.82	1/2	549.32	1/2	266.21	1/2	13.51	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,507.40	3/4	1,175.25	3/4	848.20	3/4	543.19	3/4	260.53	3/4	10.18	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,500.48	6	1,168.33	6	841.61	6	537.11	6	254.90	6		6	6	6	6	6	6	6	6
1/4	1,493.56	1/4	1,161.41	1/4	835.03	1/4	531.02	1/4	249.26	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,486.64	1/2	1,154.49	1/2	828.44	1/2	524.93	1/2	243.62	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,479.72	3/4	1,147.57	3/4	821.86	3/4	518.84	3/4	237.99	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,472.80	7	1,140.65	7	815.31	7	512.79	7	232.39	7		7	7	7	7	7	7	7	7
1/4	1,465.88	1/4	1,133.73	1/4	808.77	1/4	506.73	1/4	226.79	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,458.96	1/2	1,126.81	1/2	802.23	1/2	500.67	1/2	221.19	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,452.04	3/4	1,119.89	3/4	795.68	3/4	494.62	3/4	215.60	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,445.12	8	1,112.97	8	789.18	8	488.59	8	210.04	8		8	8	8	8	8	8	8	8
1/4	1,438.20	1/4	1,106.05	1/4	782.67	1/4	482.56	1/4	204.48	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,431.28	1/2	1,099.13	1/2	776.17	1/2	476.53	1/2	198.92	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,424.36	3/4	1,092.21	3/4	769.66	3/4	470.51	3/4	193.37	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,417.44	9	1,085.30	9	763.19	9	464.51	9	187.85	9		9	9	9	9	9	9	9	9
1/4	1,410.52	1/4	1,078.38	1/4	756.73	1/4	458.52	1/4	182.33	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,403.60	1/2	1,071.47	1/2	750.26	1/2	452.53	1/2	176.81	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,396.68	3/4	1,064.55	3/4	743.80	3/4	446.54	3/4	171.29	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,389.76	10	1,057.66	10	737.37	10	440.59	10	165.82	10		10	10	10	10	10	10	10	10
1/4	1,382.84	1/4	1,050.76	1/4	730.95	1/4	434.63	1/4	160.34	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,375.93	1/2	1,043.87	1/2	724.53	1/2	428.68	1/2	154.86	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,369.01	3/4	1,036.97	3/4	718.11	3/4	422.73	3/4	149.38	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,362.09	11	1,030.11	11	711.73	11	416.82	11	143.94	11		11	11	11	11	11	11	11	11
1/4	1,355.17	1/4	1,023.25	1/4	705.36	1/4	410.90	1/4	138.50	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,348.25	1/2	1,016.39	1/2	698.99	1/2	404.99	1/2	133.06	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,341.33	3/4	1,009.53	3/4	692.62	3/4	399.08	3/4	127.62	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: 08/12/2021 JS
CALCULATED: 08/12/2021 CL
RENAMED: 05/02/2022 SW

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 29109"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BKF 307"

GAUGE HEIGHT 15'-06 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,290.70	0	3,983.07	0	3,658.86	0	3,328.00	0	2,997.12	0	2,666.25	0	2,335.37	0	2,004.48
1/4		1/4	4,582.29	1/4	4,284.46	1/4	3,976.48	1/4	3,651.98	1/4	3,321.10	1/4	2,990.23	1/4	2,659.35	1/4	2,328.48	1/4	1,997.59
1/2		1/2	4,577.51	1/2	4,278.20	1/2	3,969.86	1/2	3,645.08	1/2	3,314.21	1/2	2,983.34	1/2	2,652.46	1/2	2,321.58	1/2	1,990.69
3/4		3/4	4,572.72	3/4	4,271.93	3/4	3,963.24	3/4	3,638.19	3/4	3,307.32	3/4	2,976.44	3/4	2,645.57	3/4	2,314.69	3/4	1,983.79
1		1	4,567.94	1	4,265.67	1	3,956.62	1	3,631.30	1	3,300.42	1	2,969.55	1	2,638.67	1	2,307.80	1	1,976.90
1/4		1/4	4,563.15	1/4	4,259.41	1/4	3,950.01	1/4	3,624.40	1/4	3,293.53	1/4	2,962.66	1/4	2,631.78	1/4	2,300.90	1/4	1,970.00
1/2		1/2	4,557.07	1/2	4,253.12	1/2	3,943.36	1/2	3,617.51	1/2	3,286.64	1/2	2,955.76	1/2	2,624.89	1/2	2,294.01	1/2	1,963.11
3/4		3/4	4,551.00	3/4	4,246.83	3/4	3,936.72	3/4	3,610.62	3/4	3,279.74	3/4	2,948.87	3/4	2,617.99	3/4	2,287.12	3/4	1,956.21
2		2	4,544.92	2	4,240.54	2	3,930.07	2	3,603.72	2	3,272.85	2	2,941.98	2	2,611.10	2	2,280.22	2	1,949.31
1/4		1/4	4,538.84	1/4	4,234.25	1/4	3,923.43	1/4	3,596.83	1/4	3,265.96	1/4	2,935.09	1/4	2,604.21	1/4	2,273.33	1/4	1,942.42
1/2		1/2	4,532.07	1/2	4,227.93	1/2	3,916.76	1/2	3,589.94	1/2	3,259.06	1/2	2,928.19	1/2	2,597.31	1/2	2,266.44	1/2	1,935.52
3/4		3/4	4,525.31	3/4	4,221.61	3/4	3,910.09	3/4	3,583.04	3/4	3,252.17	3/4	2,921.30	3/4	2,590.42	3/4	2,259.54	3/4	1,928.63
3		3	4,518.54	3	4,215.30	3	3,903.42	3	3,576.15	3	3,245.28	3	2,914.41	3	2,583.53	3	2,252.65	3	1,921.73
1/4		1/4	4,511.77	1/4	4,208.98	1/4	3,896.75	1/4	3,569.26	1/4	3,238.38	1/4	2,907.51	1/4	2,576.63	1/4	2,245.76	1/4	1,914.84
1/2		1/2	4,504.92	1/2	4,202.64	1/2	3,890.05	1/2	3,562.36	1/2	3,231.49	1/2	2,900.62	1/2	2,569.74	1/2	2,238.86	1/2	1,907.94
3/4		3/4	4,498.07	3/4	4,196.30	3/4	3,883.35	3/4	3,555.47	3/4	3,224.60	3/4	2,893.73	3/4	2,562.85	3/4	2,231.97	3/4	1,901.04
4		4	4,491.21	4	4,189.95	4	3,876.66	4	3,548.58	4	3,217.70	4	2,886.83	4	2,555.95	4	2,225.08	4	1,894.15
1/4		1/4	4,484.36	1/4	4,183.61	1/4	3,869.96	1/4	3,541.68	1/4	3,210.81	1/4	2,879.94	1/4	2,549.06	1/4	2,218.18	1/4	1,887.25
1/2		1/2	4,477.70	1/2	4,177.24	1/2	3,863.24	1/2	3,534.79	1/2	3,203.92	1/2	2,873.05	1/2	2,542.17	1/2	2,211.29	1/2	1,880.36
3/4		3/4	4,471.04	3/4	4,170.87	3/4	3,856.51	3/4	3,527.90	3/4	3,197.02	3/4	2,866.15	3/4	2,535.27	3/4	2,204.40	3/4	1,873.46
5		5	4,464.38	5	4,164.50	5	3,849.79	5	3,521.01	5	3,190.13	5	2,859.26	5	2,528.38	5	2,197.50	5	1,866.56
1/4		1/4	4,457.72	1/4	4,158.13	1/4	3,843.07	1/4	3,514.11	1/4	3,183.24	1/4	2,852.37	1/4	2,521.49	1/4	2,190.61	1/4	1,859.67
1/2		1/2	4,451.44	1/2	4,151.74	1/2	3,836.32	1/2	3,507.22	1/2	3,176.35	1/2	2,845.47	1/2	2,514.59	1/2	2,183.72	1/2	1,852.77
3/4		3/4	4,445.16	3/4	4,145.34	3/4	3,829.57	3/4	3,500.33	3/4	3,169.45	3/4	2,838.58	3/4	2,507.70	3/4	2,176.82	3/4	1,845.88
6		6	4,438.88	6	4,138.95	6	3,822.82	6	3,493.43	6	3,162.56	6	2,831.69	6	2,500.81	6	2,169.93	6	1,838.98
1/4		1/4	4,432.60	1/4	4,132.55	1/4	3,816.07	1/4	3,486.54	1/4	3,155.67	1/4	2,824.79	1/4	2,493.91	1/4	2,163.04	1/4	1,832.08
1/2		1/2	4,426.49	1/2	4,126.13	1/2	3,809.30	1/2	3,479.65	1/2	3,148.77	1/2	2,817.90	1/2	2,487.02	1/2	2,156.14	1/2	1,825.19
3/4		3/4	4,420.38	3/4	4,119.71	3/4	3,802.52	3/4	3,472.75	3/4	3,141.88	3/4	2,811.01	3/4	2,480.13	3/4	2,149.25	3/4	1,818.29
7		7	4,414.28	7	4,113.29	7	3,795.75	7	3,465.86	7	3,134.99	7	2,804.11	7	2,473.23	7	2,142.36	7	1,811.40
1/4		1/4	4,408.17	1/4	4,106.87	1/4	3,788.97	1/4	3,458.97	1/4	3,128.09	1/4	2,797.22	1/4	2,466.34	1/4	2,135.46	1/4	1,804.50
1/2		1/2	4,402.04	1/2	4,100.42	1/2	3,782.17	1/2	3,452.07	1/2	3,121.20	1/2	2,790.33	1/2	2,459.45	1/2	2,128.57	1/2	1,797.60
3/4		3/4	4,395.90	3/4	4,093.98	3/4	3,775.37	3/4	3,445.18	3/4	3,114.31	3/4	2,783.43	3/4	2,452.55	3/4	2,121.68	3/4	1,790.71
8		8	4,389.77	8	4,087.53	8	3,768.57	8	3,438.29	8	3,107.41	8	2,776.54	8	2,445.66	8	2,114.78	8	1,783.81
1/4		1/4	4,383.64	1/4	4,081.08	1/4	3,761.76	1/4	3,431.39	1/4	3,100.52	1/4	2,769.65	1/4	2,438.77	1/4	2,107.89	1/4	1,776.92
1/2		1/2	4,377.48	1/2	4,074.61	1/2	3,754.94	1/2	3,424.50	1/2	3,093.63	1/2	2,762.75	1/2	2,431.87	1/2	2,101.00	1/2	1,770.02
3/4		3/4	4,371.32	3/4	4,068.13	3/4	3,748.11	3/4	3,417.61	3/4	3,086.73	3/4	2,755.86	3/4	2,424.98	3/4	2,094.10	3/4	1,763.13
9		9	4,365.16	9	4,061.66	9	3,741.28	9	3,410.71	9	3,079.84	9	2,748.97	9	2,418.09	9	2,087.21	9	1,756.23
1/4		1/4	4,359.00	1/4	4,055.19	1/4	3,734.45	1/4	3,403.82	1/4	3,072.95	1/4	2,742.07	1/4	2,411.19	1/4	2,080.32	1/4	1,749.33
1/2		1/2	4,352.82	1/2	4,048.67	1/2	3,727.60	1/2	3,396.93	1/2	3,066.05	1/2	2,735.18	1/2	2,404.30	1/2	2,073.42	1/2	1,742.44
3/4		3/4	4,346.63	3/4	4,042.15	3/4	3,720.75	3/4	3,390.03	3/4	3,059.16	3/4	2,728.29	3/4	2,397.41	3/4	2,066.53	3/4	1,735.54
10		10	4,340.45	10	4,035.63	10	3,713.89	10	3,383.14	10	3,052.27	10	2,721.39	10	2,390.51	10	2,059.64	10	1,728.65
1/4		1/4	4,334.26	1/4	4,029.11	1/4	3,707.04	1/4	3,376.25	1/4	3,045.37	1/4	2,714.50	1/4	2,383.62	1/4	2,052.74	1/4	1,721.75
1/2		1/2	4,328.05	1/2	4,022.54	1/2	3,700.16	1/2	3,369.35	1/2	3,038.48	1/2	2,707.61	1/2	2,376.73	1/2	2,045.85	1/2	1,714.85
3/4		3/4	4,321.84	3/4	4,015.98	3/4	3,693.28	3/4	3,362.46	3/4	3,031.59	3/4	2,700.71	3/4	2,369.83	3/4	2,038.96	3/4	1,707.96
11		11	4,315.63	11	4,009.41	11	3,686.41	11	3,355.57	11	3,024.69	11	2,693.82	11	2,362.94	11	2,032.06	11	1,701.06
1/4		1/4	4,309.41	1/4	4,002.85	1/4	3,679.53	1/4	3,348.68	1/4	3,017.80	1/4	2,686.93	1/4	2,356.05	1/4	2,025.17	1/4	1,694.17
1/2		1/2	4,303.18	1/2	3,996.25	1/2	3,672.64	1/2	3,341.78	1/2	3,010.91	1/2	2,680.03	1/2	2,349.16	1/2	2,018.27	1/2	1,687.27
3/4		3/4	4,296.94	3/4	3,989.66	3/4	3,665.75	3/4	3,334.89	3/4	3,004.02	3/4	2,673.14	3/4	2,342.26	3/4	2,011.38	3/4	1,680.37

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 29109"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BKF 307"

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	1,673.48	0	1,342.48	0	1,011.80	0	696.48	0	403.53	0	132.59	0		0		0		0	
1/4	1,666.58	1/4	1,335.58	1/4	1,004.97	1/4	690.14	1/4	397.64	1/4	127.17	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,659.69	1/2	1,328.68	1/2	998.20	1/2	683.84	1/2	391.79	1/2	121.79	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,652.79	3/4	1,321.79	3/4	991.42	3/4	677.54	3/4	385.94	3/4	116.41	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,645.90	1	1,314.89	1	984.65	1	671.23	1	380.09	1	111.03	1	1	1	1	1	1	1	1
1/4	1,639.00	1/4	1,308.00	1/4	977.87	1/4	664.93	1/4	374.23	1/4	105.65	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,632.10	1/2	1,301.10	1/2	971.13	1/2	658.67	1/2	368.42	1/2	100.31	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,625.21	3/4	1,294.20	3/4	964.40	3/4	652.40	3/4	362.61	3/4	94.96	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,618.31	2	1,287.31	2	957.66	2	646.14	2	356.79	2	89.62	2	2	2	2	2	2	2	2
1/4	1,611.42	1/4	1,280.41	1/4	950.92	1/4	639.88	1/4	350.98	1/4	84.28	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,604.52	1/2	1,273.52	1/2	944.23	1/2	633.65	1/2	345.21	1/2	78.98	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,597.62	3/4	1,266.62	3/4	937.53	3/4	627.43	3/4	339.44	3/4	73.68	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,590.73	3	1,259.72	3	930.83	3	621.20	3	333.66	3	68.38	3	3	3	3	3	3	3	3
1/4	1,583.83	1/4	1,252.83	1/4	924.13	1/4	614.98	1/4	327.89	1/4	63.08	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,576.94	1/2	1,245.93	1/2	917.48	1/2	608.79	1/2	322.16	1/2	57.82	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,570.04	3/4	1,239.04	3/4	910.82	3/4	602.61	3/4	316.43	3/4	52.55	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,563.14	4	1,232.14	4	904.16	4	596.42	4	310.70	4	47.29	4	4	4	4	4	4	4	4
1/4	1,556.25	1/4	1,225.25	1/4	897.50	1/4	590.24	1/4	304.97	1/4	42.03	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,549.35	1/2	1,218.35	1/2	890.88	1/2	584.09	1/2	299.28	1/2	37.38	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,542.46	3/4	1,211.45	3/4	884.26	3/4	577.95	3/4	293.59	3/4	32.73	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,535.56	5	1,204.56	5	877.65	5	571.81	5	287.90	5	28.09	5	5	5	5	5	5	5	5
1/4	1,528.66	1/4	1,197.66	1/4	871.03	1/4	565.66	1/4	282.21	1/4	23.44	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,521.77	1/2	1,190.77	1/2	864.45	1/2	559.56	1/2	276.56	1/2	20.12	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,514.87	3/4	1,183.87	3/4	857.87	3/4	553.45	3/4	270.90	3/4	16.79	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,507.98	6	1,176.97	6	851.29	6	547.35	6	265.25	6	13.47	6	6	6	6	6	6	6	6
1/4	1,501.08	1/4	1,170.08	1/4	844.71	1/4	541.25	1/4	259.59	1/4	10.15	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,494.19	1/2	1,163.18	1/2	838.17	1/2	535.18	1/2	253.98	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,487.29	3/4	1,156.29	3/4	831.63	3/4	529.12	3/4	248.36	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,480.39	7	1,149.39	7	825.09	7	523.05	7	242.74	7		7	7	7	7	7	7	7	7
1/4	1,473.50	1/4	1,142.49	1/4	818.55	1/4	516.98	1/4	237.13	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,466.60	1/2	1,135.60	1/2	812.05	1/2	510.95	1/2	231.55	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,459.71	3/4	1,128.70	3/4	805.55	3/4	504.91	3/4	225.97	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,452.81	8	1,121.81	8	799.05	8	498.88	8	220.40	8		8	8	8	8	8	8	8	8
1/4	1,445.91	1/4	1,114.91	1/4	792.55	1/4	492.84	1/4	214.82	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,439.02	1/2	1,108.01	1/2	786.09	1/2	486.84	1/2	209.28	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,432.12	3/4	1,101.12	3/4	779.63	3/4	480.83	3/4	203.75	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,425.23	9	1,094.22	9	773.17	9	474.82	9	198.21	9		9	9	9	9	9	9	9	9
1/4	1,418.33	1/4	1,087.33	1/4	766.70	1/4	468.82	1/4	192.67	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,411.43	1/2	1,080.44	1/2	760.28	1/2	462.85	1/2	187.17	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,404.54	3/4	1,073.55	3/4	753.86	3/4	456.88	3/4	181.67	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,397.64	10	1,066.65	10	747.44	10	450.91	10	176.18	10		10	10	10	10	10	10	10	10
1/4	1,390.75	1/4	1,059.76	1/4	741.02	1/4	444.93	1/4	170.68	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,383.85	1/2	1,052.89	1/2	734.64	1/2	439.00	1/2	165.22	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,376.95	3/4	1,046.02	3/4	728.26	3/4	433.07	3/4	159.76	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,370.06	11	1,039.15	11	721.88	11	427.14	11	154.30	11		11	11	11	11	11	11	11	11
1/4	1,363.16	1/4	1,032.28	1/4	715.50	1/4	421.21	1/4	148.84	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,356.27	1/2	1,025.45	1/2	709.16	1/2	415.32	1/2	143.42	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,349.37	3/4	1,018.63	3/4	702.82	3/4	409.43	3/4	138.00	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: 08/12/2021 JS
CALCULATED: 08/12/2021 CL
RENAMED: 05/02/2022 SW

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 29109"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BKF 307"

GAUGE HEIGHT 15'-06 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	5,204.14	0	4,843.93	0	4,464.28	0	4,076.84	0	3,689.40	0	3,301.94	0	2,914.49	0	2,527.02
1/4		1/4	5,545.58	1/4	5,196.84	1/4	4,836.21	1/4	4,456.22	1/4	4,068.77	1/4	3,681.32	1/4	3,293.87	1/4	2,906.42	1/4	2,518.95
1/2		1/2	5,539.98	1/2	5,189.50	1/2	4,828.46	1/2	4,448.14	1/2	4,060.70	1/2	3,673.25	1/2	3,285.80	1/2	2,898.35	1/2	2,510.87
3/4		3/4	5,534.38	3/4	5,182.17	3/4	4,820.71	3/4	4,440.07	3/4	4,052.63	3/4	3,665.18	3/4	3,277.73	3/4	2,890.28	3/4	2,502.80
1		1	5,528.77	1	5,174.84	1	4,812.96	1	4,432.00	1	4,044.55	1	3,657.11	1	3,269.66	1	2,882.21	1	2,494.72
1/4		1/4	5,523.17	1/4	5,167.50	1/4	4,805.21	1/4	4,423.93	1/4	4,036.48	1/4	3,649.04	1/4	3,261.58	1/4	2,874.13	1/4	2,486.65
1/2		1/2	5,516.05	1/2	5,160.14	1/2	4,797.43	1/2	4,415.86	1/2	4,028.41	1/2	3,640.96	1/2	3,253.51	1/2	2,866.06	1/2	2,478.57
3/4		3/4	5,508.94	3/4	5,152.77	3/4	4,789.65	3/4	4,407.79	3/4	4,020.34	3/4	3,632.89	3/4	3,245.44	3/4	2,857.99	3/4	2,470.50
2		2	5,501.82	2	5,145.40	2	4,781.87	2	4,399.71	2	4,012.27	2	3,624.82	2	3,237.37	2	2,849.92	2	2,462.42
1/4		1/4	5,494.70	1/4	5,138.04	1/4	4,774.09	1/4	4,391.64	1/4	4,004.20	1/4	3,616.75	1/4	3,229.30	1/4	2,841.85	1/4	2,454.35
1/2		1/2	5,486.78	1/2	5,130.64	1/2	4,766.27	1/2	4,383.57	1/2	3,996.12	1/2	3,608.68	1/2	3,221.23	1/2	2,833.77	1/2	2,446.27
3/4		3/4	5,478.85	3/4	5,123.25	3/4	4,758.46	3/4	4,375.50	3/4	3,988.05	3/4	3,600.60	3/4	3,213.15	3/4	2,825.70	3/4	2,438.20
3		3	5,470.93	3	5,115.85	3	4,750.65	3	4,367.43	3	3,979.98	3	3,592.53	3	3,205.08	3	2,817.63	3	2,430.12
1/4		1/4	5,463.00	1/4	5,108.45	1/4	4,742.84	1/4	4,359.35	1/4	3,971.91	1/4	3,584.46	1/4	3,197.01	1/4	2,809.56	1/4	2,422.05
1/2		1/2	5,454.98	1/2	5,101.03	1/2	4,735.00	1/2	4,351.28	1/2	3,963.84	1/2	3,576.39	1/2	3,188.94	1/2	2,801.49	1/2	2,413.97
3/4		3/4	5,446.96	3/4	5,093.60	3/4	4,727.16	3/4	4,343.21	3/4	3,955.76	3/4	3,568.32	3/4	3,180.87	3/4	2,793.41	3/4	2,405.90
4		4	5,438.93	4	5,086.17	4	4,719.32	4	4,335.14	4	3,947.69	4	3,560.25	4	3,172.79	4	2,785.34	4	2,397.82
1/4		1/4	5,430.91	1/4	5,078.75	1/4	4,711.47	1/4	4,327.07	1/4	3,939.62	1/4	3,552.17	1/4	3,164.72	1/4	2,777.27	1/4	2,389.75
1/2		1/2	5,423.11	1/2	5,071.29	1/2	4,703.60	1/2	4,319.00	1/2	3,931.55	1/2	3,544.10	1/2	3,156.65	1/2	2,769.20	1/2	2,381.67
3/4		3/4	5,415.31	3/4	5,063.83	3/4	4,695.73	3/4	4,310.92	3/4	3,923.48	3/4	3,536.03	3/4	3,148.58	3/4	2,761.13	3/4	2,373.60
5		5	5,407.51	5	5,056.38	5	4,687.86	5	4,302.85	5	3,915.41	5	3,527.96	5	3,140.51	5	2,753.06	5	2,365.52
1/4		1/4	5,399.71	1/4	5,048.92	1/4	4,679.98	1/4	4,294.78	1/4	3,907.33	1/4	3,519.89	1/4	3,132.43	1/4	2,744.98	1/4	2,357.45
1/2		1/2	5,392.36	1/2	5,041.43	1/2	4,672.08	1/2	4,286.71	1/2	3,899.26	1/2	3,511.81	1/2	3,124.36	1/2	2,736.91	1/2	2,349.37
3/4		3/4	5,385.00	3/4	5,033.94	3/4	4,664.18	3/4	4,278.64	3/4	3,891.19	3/4	3,503.74	3/4	3,116.29	3/4	2,728.84	3/4	2,341.30
6		6	5,377.65	6	5,026.45	6	4,656.28	6	4,270.56	6	3,883.12	6	3,495.67	6	3,108.22	6	2,720.77	6	2,333.22
1/4		1/4	5,370.30	1/4	5,018.97	1/4	4,648.37	1/4	4,262.49	1/4	3,875.05	1/4	3,487.60	1/4	3,100.15	1/4	2,712.70	1/4	2,325.15
1/2		1/2	5,363.14	1/2	5,011.45	1/2	4,640.44	1/2	4,254.42	1/2	3,866.97	1/2	3,479.53	1/2	3,092.07	1/2	2,704.62	1/2	2,317.07
3/4		3/4	5,355.99	3/4	5,003.93	3/4	4,632.50	3/4	4,246.35	3/4	3,858.90	3/4	3,471.45	3/4	3,084.00	3/4	2,696.55	3/4	2,309.00
7		7	5,348.84	7	4,996.41	7	4,624.57	7	4,238.28	7	3,850.83	7	3,463.38	7	3,075.93	7	2,688.48	7	2,300.92
1/4		1/4	5,341.69	1/4	4,988.89	1/4	4,616.64	1/4	4,230.21	1/4	3,842.76	1/4	3,455.31	1/4	3,067.86	1/4	2,680.41	1/4	2,292.85
1/2		1/2	5,334.51	1/2	4,981.34	1/2	4,608.67	1/2	4,222.13	1/2	3,834.69	1/2	3,447.24	1/2	3,059.79	1/2	2,672.34	1/2	2,284.77
3/4		3/4	5,327.33	3/4	4,973.79	3/4	4,600.71	3/4	4,214.06	3/4	3,826.62	3/4	3,439.17	3/4	3,051.72	3/4	2,664.26	3/4	2,276.70
8		8	5,320.15	8	4,966.24	8	4,592.74	8	4,205.99	8	3,818.54	8	3,431.09	8	3,043.64	8	2,656.19	8	2,268.62
1/4		1/4	5,312.97	1/4	4,958.69	1/4	4,584.78	1/4	4,197.92	1/4	3,810.47	1/4	3,423.02	1/4	3,035.57	1/4	2,648.12	1/4	2,260.55
1/2		1/2	5,305.76	1/2	4,951.11	1/2	4,576.78	1/2	4,189.85	1/2	3,802.40	1/2	3,414.95	1/2	3,027.50	1/2	2,640.05	1/2	2,252.47
3/4		3/4	5,298.54	3/4	4,943.53	3/4	4,568.79	3/4	4,181.77	3/4	3,794.33	3/4	3,406.88	3/4	3,019.43	3/4	2,631.98	3/4	2,244.40
9		9	5,291.33	9	4,935.95	9	4,560.79	9	4,173.70	9	3,786.26	9	3,398.81	9	3,011.36	9	2,623.90	9	2,236.32
1/4		1/4	5,284.12	1/4	4,928.37	1/4	4,552.80	1/4	4,165.63	1/4	3,778.18	1/4	3,390.74	1/4	3,003.28	1/4	2,615.83	1/4	2,228.25
1/2		1/2	5,276.88	1/2	4,920.74	1/2	4,544.77	1/2	4,157.56	1/2	3,770.11	1/2	3,382.66	1/2	2,995.21	1/2	2,607.76	1/2	2,220.17
3/4		3/4	5,269.63	3/4	4,913.11	3/4	4,536.75	3/4	4,149.49	3/4	3,762.04	3/4	3,374.59	3/4	2,987.14	3/4	2,599.69	3/4	2,212.10
10		10	5,262.39	10	4,905.47	10	4,528.72	10	4,141.42	10	3,753.97	10	3,366.52	10	2,979.07	10	2,591.62	10	2,204.02
1/4		1/4	5,255.15	1/4	4,897.84	1/4	4,520.70	1/4	4,133.34	1/4	3,745.90	1/4	3,358.45	1/4	2,971.00	1/4	2,583.55	1/4	2,195.95
1/2		1/2	5,247.88	1/2	4,890.15	1/2	4,512.64	1/2	4,125.27	1/2	3,737.83	1/2	3,350.38	1/2	2,962.92	1/2	2,575.47	1/2	2,187.87
3/4		3/4	5,240.60	3/4	4,882.46	3/4	4,504.59	3/4	4,117.20	3/4	3,729.75	3/4	3,342.30	3/4	2,954.85	3/4	2,567.40	3/4	2,179.80
11		11	5,233.33	11	4,874.77	11	4,496.54	11	4,109.13	11	3,721.68	11	3,334.23	11	2,946.78	11	2,559.32	11	2,171.72
1/4		1/4	5,226.06	1/4	4,867.08	1/4	4,488.49	1/4	4,101.06	1/4	3,713.61	1/4	3,326.16	1/4	2,938.71	1/4	2,551.25	1/4	2,163.65
1/2		1/2	5,218.75	1/2	4,859.36	1/2	4,480.42	1/2	4,092.99	1/2	3,705.54	1/2	3,318.09	1/2	2,930.64	1/2	2,543.17	1/2	2,155.57
3/4		3/4	5,211.45	3/4	4,851.65	3/4	4,472.35	3/4	4,084.91	3/4	3,697.47	3/4	3,310.02	3/4	2,922.57	3/4	2,535.10	3/4	2,147.50

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 29109"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BKF 307"

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	2,139.42	0	1,751.82	0	1,364.22	0	976.68	0	589.80	0	202.24	0		0		0		0	
1/4	2,131.35	1/4	1,743.75	1/4	1,356.15	1/4	968.62	1/4	581.72	1/4	194.17	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,123.27	1/2	1,735.67	1/2	1,348.07	1/2	960.56	1/2	573.65	1/2	186.09	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,115.20	3/4	1,727.60	3/4	1,340.00	3/4	952.51	3/4	565.57	3/4	178.02	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,107.12	1	1,719.52	1	1,331.92	1	944.46	1	557.50	1	169.94	1	1	1	1	1	1	1	1
1/4	2,099.05	1/4	1,711.45	1/4	1,323.85	1/4	936.41	1/4	549.42	1/4	161.87	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,090.97	1/2	1,703.37	1/2	1,315.77	1/2	928.35	1/2	541.35	1/2	153.79	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,082.90	3/4	1,695.30	3/4	1,307.70	3/4	920.30	3/4	533.27	3/4	145.72	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,074.82	2	1,687.22	2	1,299.62	2	912.25	2	525.20	2	137.64	2	2	2	2	2	2	2	2
1/4	2,066.75	1/4	1,679.15	1/4	1,291.55	1/4	904.19	1/4	517.12	1/4	129.57	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,058.67	1/2	1,671.07	1/2	1,283.47	1/2	896.14	1/2	509.05	1/2	121.49	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,050.60	3/4	1,663.00	3/4	1,275.40	3/4	888.09	3/4	500.97	3/4	113.42	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	2,042.52	3	1,654.92	3	1,267.32	3	880.03	3	492.90	3	105.34	3	3	3	3	3	3	3	3
1/4	2,034.45	1/4	1,646.85	1/4	1,259.25	1/4	871.98	1/4	484.83	1/4	97.27	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,026.37	1/2	1,638.77	1/2	1,251.17	1/2	863.93	1/2	476.76	1/2	89.19	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,018.30	3/4	1,630.70	3/4	1,243.10	3/4	855.87	3/4	468.69	3/4	81.12	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	2,010.22	4	1,622.62	4	1,235.02	4	847.82	4	460.61	4	73.04	4	4	4	4	4	4	4	4
1/4	2,002.15	1/4	1,614.55	1/4	1,226.95	1/4	839.77	1/4	452.54	1/4	64.97	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,994.07	1/2	1,606.47	1/2	1,218.87	1/2	831.71	1/2	444.47	1/2	57.57	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,986.00	3/4	1,598.40	3/4	1,210.80	3/4	823.66	3/4	436.40	3/4	50.16	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,977.92	5	1,590.32	5	1,202.72	5	815.61	5	428.33	5	42.76	5	5	5	5	5	5	5	5
1/4	1,969.85	1/4	1,582.25	1/4	1,194.65	1/4	807.56	1/4	420.26	1/4	35.36	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,961.77	1/2	1,574.17	1/2	1,186.57	1/2	799.51	1/2	412.19	1/2	29.98	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,953.70	3/4	1,566.10	3/4	1,178.50	3/4	791.46	3/4	404.12	3/4	24.59	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,945.62	6	1,558.02	6	1,170.42	6	783.41	6	396.04	6	19.21	6	6	6	6	6	6	6	6
1/4	1,937.55	1/4	1,549.95	1/4	1,162.35	1/4	775.36	1/4	387.97	1/4	13.82	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,929.47	1/2	1,541.87	1/2	1,154.27	1/2	767.31	1/2	379.89	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,921.40	3/4	1,533.80	3/4	1,146.20	3/4	759.25	3/4	371.82	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,913.32	7	1,525.72	7	1,138.12	7	751.20	7	363.74	7		7	7	7	7	7	7	7	7
1/4	1,905.25	1/4	1,517.65	1/4	1,130.05	1/4	743.15	1/4	355.67	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,897.17	1/2	1,509.57	1/2	1,121.97	1/2	735.09	1/2	347.59	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,889.10	3/4	1,501.50	3/4	1,113.90	3/4	727.03	3/4	339.52	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,881.02	8	1,493.42	8	1,105.82	8	718.97	8	331.44	8		8	8	8	8	8	8	8	8
1/4	1,872.95	1/4	1,485.35	1/4	1,097.75	1/4	710.91	1/4	323.37	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,864.87	1/2	1,477.27	1/2	1,089.67	1/2	702.84	1/2	315.29	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,856.80	3/4	1,469.20	3/4	1,081.60	3/4	694.76	3/4	307.22	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,848.72	9	1,461.12	9	1,073.52	9	686.69	9	299.14	9		9	9	9	9	9	9	9	9
1/4	1,840.65	1/4	1,453.05	1/4	1,065.45	1/4	678.62	1/4	291.07	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,832.57	1/2	1,444.97	1/2	1,057.37	1/2	670.55	1/2	282.99	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,824.50	3/4	1,436.90	3/4	1,049.30	3/4	662.47	3/4	274.92	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,816.42	10	1,428.82	10	1,041.22	10	654.40	10	266.84	10		10	10	10	10	10	10	10	10
1/4	1,808.35	1/4	1,420.75	1/4	1,033.15	1/4	646.32	1/4	258.77	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,800.27	1/2	1,412.67	1/2	1,025.08	1/2	638.25	1/2	250.69	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,792.20	3/4	1,404.60	3/4	1,017.00	3/4	630.17	3/4	242.62	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,784.12	11	1,396.52	11	1,008.93	11	622.10	11	234.54	11		11	11	11	11	11	11	11	11
1/4	1,776.05	1/4	1,388.45	1/4	1,000.86	1/4	614.02	1/4	226.47	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,767.97	1/2	1,380.37	1/2	992.80	1/2	605.95	1/2	218.39	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,759.90	3/4	1,372.30	3/4	984.74	3/4	597.87	3/4	210.32	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/12/2021 JS
CALCULATED: 08/12/2021 CL
RENAMED: 05/02/2022 SW

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 29109"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BKF 307"

GAUGE HEIGHT 15'-06"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0	5,526.12	0	5,176.97	0	4,815.91	0	4,435.49	0	4,047.61	0	3,659.73	0	3,271.85	0	2,883.96	0	2,496.06
1/4		1/4	5,520.51	1/4	5,169.63	1/4	4,808.16	1/4	4,427.41	1/4	4,039.53	1/4	3,651.65	1/4	3,263.77	1/4	2,875.88	1/4	2,487.97
1/2		1/2	5,514.90	1/2	5,162.29	1/2	4,800.40	1/2	4,419.33	1/2	4,031.45	1/2	3,643.57	1/2	3,255.69	1/2	2,867.80	1/2	2,479.89
3/4		3/4	5,509.29	3/4	5,154.94	3/4	4,792.64	3/4	4,411.25	3/4	4,023.37	3/4	3,635.49	3/4	3,247.60	3/4	2,859.72	3/4	2,471.80
1		1	5,503.69	1	5,147.60	1	4,784.88	1	4,403.17	1	4,015.29	1	3,627.41	1	3,239.52	1	2,851.64	1	2,463.72
1/4		1/4	5,496.56	1/4	5,140.23	1/4	4,777.09	1/4	4,395.09	1/4	4,007.21	1/4	3,619.33	1/4	3,231.44	1/4	2,843.56	1/4	2,455.64
1/2		1/2	5,489.44	1/2	5,132.85	1/2	4,769.30	1/2	4,387.01	1/2	3,999.13	1/2	3,611.25	1/2	3,223.36	1/2	2,835.48	1/2	2,447.55
3/4		3/4	5,482.31	3/4	5,125.48	3/4	4,761.51	3/4	4,378.92	3/4	3,991.05	3/4	3,603.16	3/4	3,215.28	3/4	2,827.40	3/4	2,439.47
2		2	5,475.19	2	5,118.10	2	4,753.72	2	4,370.84	2	3,982.97	2	3,595.08	2	3,207.20	2	2,819.32	2	2,431.38
1/4		1/4	5,467.26	1/4	5,110.70	1/4	4,745.90	1/4	4,362.76	1/4	3,974.88	1/4	3,587.00	1/4	3,199.12	1/4	2,811.24	1/4	2,423.30
1/2		1/2	5,459.32	1/2	5,103.29	1/2	4,738.08	1/2	4,354.68	1/2	3,966.80	1/2	3,578.92	1/2	3,191.04	1/2	2,803.16	1/2	2,415.22
3/4		3/4	5,451.39	3/4	5,095.89	3/4	4,730.26	3/4	4,346.60	3/4	3,958.72	3/4	3,570.84	3/4	3,182.96	3/4	2,795.07	3/4	2,407.13
3		3	5,443.46	3	5,088.48	3	4,722.44	3	4,338.52	3	3,950.64	3	3,562.76	3	3,174.88	3	2,786.99	3	2,399.05
1/4		1/4	5,435.43	1/4	5,081.05	1/4	4,714.59	1/4	4,330.44	1/4	3,942.56	1/4	3,554.68	1/4	3,166.80	1/4	2,778.91	1/4	2,390.96
1/2		1/2	5,427.39	1/2	5,073.61	1/2	4,706.74	1/2	4,322.36	1/2	3,934.48	1/2	3,546.60	1/2	3,158.71	1/2	2,770.83	1/2	2,382.88
3/4		3/4	5,419.36	3/4	5,066.18	3/4	4,698.89	3/4	4,314.28	3/4	3,926.40	3/4	3,538.52	3/4	3,150.63	3/4	2,762.75	3/4	2,374.80
4		4	5,411.32	4	5,058.74	4	4,691.04	4	4,306.20	4	3,918.32	4	3,530.44	4	3,142.55	4	2,754.67	4	2,366.71
1/4		1/4	5,403.52	1/4	5,051.27	1/4	4,683.16	1/4	4,298.12	1/4	3,910.24	1/4	3,522.36	1/4	3,134.47	1/4	2,746.59	1/4	2,358.63
1/2		1/2	5,395.71	1/2	5,043.81	1/2	4,675.28	1/2	4,290.04	1/2	3,902.16	1/2	3,514.27	1/2	3,126.39	1/2	2,738.51	1/2	2,350.54
3/4		3/4	5,387.90	3/4	5,036.34	3/4	4,667.39	3/4	4,281.95	3/4	3,894.08	3/4	3,506.19	3/4	3,118.31	3/4	2,730.43	3/4	2,342.46
5		5	5,380.09	5	5,028.88	5	4,659.51	5	4,273.87	5	3,886.00	5	3,498.11	5	3,110.23	5	2,722.35	5	2,334.38
1/4		1/4	5,372.73	1/4	5,021.38	1/4	4,651.60	1/4	4,265.79	1/4	3,877.91	1/4	3,490.03	1/4	3,102.15	1/4	2,714.27	1/4	2,326.29
1/2		1/2	5,365.37	1/2	5,013.88	1/2	4,643.69	1/2	4,257.71	1/2	3,869.83	1/2	3,481.95	1/2	3,094.07	1/2	2,706.18	1/2	2,318.21
3/4		3/4	5,358.01	3/4	5,006.39	3/4	4,635.78	3/4	4,249.63	3/4	3,861.75	3/4	3,473.87	3/4	3,085.99	3/4	2,698.10	3/4	2,310.12
6		6	5,350.64	6	4,998.89	6	4,627.87	6	4,241.55	6	3,853.67	6	3,465.79	6	3,077.91	6	2,690.02	6	2,302.04
1/4		1/4	5,343.48	1/4	4,991.36	1/4	4,619.92	1/4	4,233.47	1/4	3,845.59	1/4	3,457.71	1/4	3,069.82	1/4	2,681.94	1/4	2,293.96
1/2		1/2	5,336.32	1/2	4,983.83	1/2	4,611.98	1/2	4,225.39	1/2	3,837.51	1/2	3,449.63	1/2	3,061.74	1/2	2,673.86	1/2	2,285.87
3/4		3/4	5,329.16	3/4	4,976.31	3/4	4,604.04	3/4	4,217.31	3/4	3,829.43	3/4	3,441.55	3/4	3,053.66	3/4	2,665.78	3/4	2,277.79
7		7	5,322.00	7	4,968.78	7	4,596.09	7	4,209.23	7	3,821.35	7	3,433.47	7	3,045.58	7	2,657.70	7	2,269.70
1/4		1/4	5,314.81	1/4	4,961.22	1/4	4,588.12	1/4	4,201.15	1/4	3,813.27	1/4	3,425.38	1/4	3,037.50	1/4	2,649.62	1/4	2,261.62
1/2		1/2	5,307.62	1/2	4,953.66	1/2	4,580.15	1/2	4,193.07	1/2	3,805.19	1/2	3,417.30	1/2	3,029.42	1/2	2,641.54	1/2	2,253.54
3/4		3/4	5,300.43	3/4	4,946.10	3/4	4,572.17	3/4	4,184.99	3/4	3,797.11	3/4	3,409.22	3/4	3,021.34	3/4	2,633.46	3/4	2,245.45
8		8	5,293.24	8	4,938.54	8	4,564.20	8	4,176.90	8	3,789.03	8	3,401.14	8	3,013.26	8	2,625.38	8	2,237.37
1/4		1/4	5,286.02	1/4	4,930.96	1/4	4,556.20	1/4	4,168.82	1/4	3,780.95	1/4	3,393.06	1/4	3,005.18	1/4	2,617.29	1/4	2,229.28
1/2		1/2	5,278.80	1/2	4,923.37	1/2	4,548.19	1/2	4,160.74	1/2	3,772.86	1/2	3,384.98	1/2	2,997.10	1/2	2,609.21	1/2	2,221.20
3/4		3/4	5,271.58	3/4	4,915.78	3/4	4,540.19	3/4	4,152.66	3/4	3,764.78	3/4	3,376.90	3/4	2,989.02	3/4	2,601.13	3/4	2,213.12
9		9	5,264.36	9	4,908.19	9	4,532.18	9	4,144.58	9	3,756.70	9	3,368.82	9	2,980.93	9	2,593.05	9	2,205.03
1/4		1/4	5,257.11	1/4	4,900.55	1/4	4,524.15	1/4	4,136.50	1/4	3,748.62	1/4	3,360.74	1/4	2,972.85	1/4	2,584.97	1/4	2,196.95
1/2		1/2	5,249.86	1/2	4,892.90	1/2	4,516.11	1/2	4,128.42	1/2	3,740.54	1/2	3,352.66	1/2	2,964.77	1/2	2,576.89	1/2	2,188.86
3/4		3/4	5,242.61	3/4	4,885.26	3/4	4,508.08	3/4	4,120.34	3/4	3,732.46	3/4	3,344.58	3/4	2,956.69	3/4	2,568.81	3/4	2,180.78
10		10	5,235.35	10	4,877.62	10	4,500.04	10	4,112.26	10	3,724.38	10	3,336.49	10	2,948.61	10	2,560.73	10	2,172.70
1/4		1/4	5,228.07	1/4	4,869.92	1/4	4,491.98	1/4	4,104.18	1/4	3,716.30	1/4	3,328.41	1/4	2,940.53	1/4	2,552.64	1/4	2,164.61
1/2		1/2	5,220.79	1/2	4,862.22	1/2	4,483.92	1/2	4,096.10	1/2	3,708.22	1/2	3,320.33	1/2	2,932.45	1/2	2,544.56	1/2	2,156.53
3/4		3/4	5,213.51	3/4	4,854.52	3/4	4,475.86	3/4	4,088.02	3/4	3,700.14	3/4	3,312.25	3/4	2,924.37	3/4	2,536.48	3/4	2,148.44
11		11	5,206.23	11	4,846.83	11	4,467.80	11	4,079.93	11	3,692.06	11	3,304.17	11	2,916.29	11	2,528.39	11	2,140.36
1/4		1/4	5,198.91	1/4	4,839.10	1/4	4,459.72	1/4	4,071.85	1/4	3,683.98	1/4	3,296.09	1/4	2,908.21	1/4	2,520.31	1/4	2,132.28
1/2		1/2	5,191.60	1/2	4,831.37	1/2	4,451.64	1/2	4,063.77	1/2	3,675.89	1/2	3,288.01	1/2	2,900.13	1/2	2,512.22	1/2	2,124.19
3/4		3/4	5,184.29	3/4	4,823.64	3/4	4,443.57	3/4	4,055.69	3/4	3,667.81	3/4	3,279.93	3/4	2,892.04	3/4	2,504.14	3/4	2,116.11

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 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 29109"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BKF 307"

GAUGE HEIGHT 15'-06"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,108.02	0	1,719.99	0	1,331.96	0	958.07	0	582.37	0	194.38	0		0		0		0	
1/4	2,099.94	1/4	1,711.91	1/4	1,324.03	1/4	950.31	1/4	574.28	1/4	186.30	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,091.86	1/2	1,703.82	1/2	1,316.10	1/2	942.56	1/2	566.20	1/2	178.21	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,083.77	3/4	1,695.74	3/4	1,308.17	3/4	934.80	3/4	558.12	3/4	170.13	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,075.69	1	1,687.66	1	1,300.24	1	927.05	1	550.03	1	162.05	1	1	1	1	1	1	1	1
1/4	2,067.60	1/4	1,679.57	1/4	1,292.46	1/4	919.29	1/4	541.95	1/4	153.96	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,059.52	1/2	1,671.49	1/2	1,284.68	1/2	911.53	1/2	533.86	1/2	145.88	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,051.44	3/4	1,663.40	3/4	1,276.90	3/4	903.78	3/4	525.78	3/4	137.79	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,043.35	2	1,655.32	2	1,269.12	2	896.02	2	517.70	2	129.71	2	2	2	2	2	2	2	2
1/4	2,035.27	1/4	1,647.24	1/4	1,261.35	1/4	888.26	1/4	509.61	1/4	121.63	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,027.18	1/2	1,639.15	1/2	1,253.57	1/2	880.51	1/2	501.53	1/2	113.54	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,019.10	3/4	1,631.07	3/4	1,245.79	3/4	872.75	3/4	493.45	3/4	105.46	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	2,011.02	3	1,622.98	3	1,238.01	3	865.00	3	485.36	3	97.37	3	3	3	3	3	3	3	3
1/4	2,002.93	1/4	1,614.90	1/4	1,230.23	1/4	857.24	1/4	477.29	1/4	89.29	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,994.85	1/2	1,606.82	1/2	1,222.46	1/2	849.48	1/2	469.21	1/2	81.21	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,986.76	3/4	1,598.73	3/4	1,214.68	3/4	841.73	3/4	461.13	3/4	73.12	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,978.68	4	1,590.65	4	1,206.90	4	833.97	4	453.05	4	65.04	4	4	4	4	4	4	4	4
1/4	1,970.60	1/4	1,582.56	1/4	1,199.12	1/4	826.22	1/4	444.97	1/4	57.63	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,962.51	1/2	1,574.48	1/2	1,191.34	1/2	818.46	1/2	436.89	1/2	50.22	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,954.43	3/4	1,566.40	3/4	1,183.56	3/4	810.71	3/4	428.81	3/4	42.81	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,946.34	5	1,558.31	5	1,175.79	5	802.95	5	420.73	5	35.40	5	5	5	5	5	5	5	5
1/4	1,938.26	1/4	1,550.23	1/4	1,168.01	1/4	795.20	1/4	412.65	1/4	30.01	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,930.18	1/2	1,542.14	1/2	1,160.23	1/2	787.44	1/2	404.56	1/2	24.62	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,922.09	3/4	1,534.06	3/4	1,152.45	3/4	779.69	3/4	396.48	3/4	19.23	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,914.01	6	1,525.98	6	1,144.67	6	771.94	6	388.40	6	13.84	6	6	6	6	6	6	6	6
1/4	1,905.92	1/4	1,517.89	1/4	1,136.90	1/4	764.18	1/4	380.31	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,897.84	1/2	1,509.81	1/2	1,129.12	1/2	756.43	1/2	372.23	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,889.76	3/4	1,501.72	3/4	1,121.34	3/4	748.67	3/4	364.15	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,881.67	7	1,493.64	7	1,113.56	7	740.92	7	356.06	7		7	7	7	7	7	7	7	7
1/4	1,873.59	1/4	1,485.56	1/4	1,105.78	1/4	733.15	1/4	347.98	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,865.50	1/2	1,477.47	1/2	1,098.01	1/2	725.39	1/2	339.89	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,857.42	3/4	1,469.39	3/4	1,090.23	3/4	717.63	3/4	331.81	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,849.34	8	1,461.30	8	1,082.45	8	709.86	8	323.73	8		8	8	8	8	8	8	8	8
1/4	1,841.25	1/4	1,453.22	1/4	1,074.67	1/4	702.09	1/4	315.64	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,833.17	1/2	1,445.14	1/2	1,066.89	1/2	694.31	1/2	307.56	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,825.08	3/4	1,437.05	3/4	1,059.12	3/4	686.54	3/4	299.47	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,817.00	9	1,428.97	9	1,051.34	9	678.76	9	291.39	9		9	9	9	9	9	9	9	9
1/4	1,808.92	1/4	1,420.88	1/4	1,043.56	1/4	670.83	1/4	283.31	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,800.83	1/2	1,412.80	1/2	1,035.78	1/2	662.90	1/2	275.22	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,792.75	3/4	1,404.72	3/4	1,028.00	3/4	654.97	3/4	267.14	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,784.66	10	1,396.63	10	1,020.22	10	647.04	10	259.05	10		10	10	10	10	10	10	10	10
1/4	1,776.58	1/4	1,388.55	1/4	1,012.45	1/4	638.96	1/4	250.97	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,768.50	1/2	1,380.46	1/2	1,004.68	1/2	630.87	1/2	242.89	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,760.41	3/4	1,372.38	3/4	996.90	3/4	622.79	3/4	234.80	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,752.33	11	1,364.30	11	989.13	11	614.70	11	226.72	11		11	11	11	11	11	11	11	11
1/4	1,744.24	1/4	1,356.21	1/4	981.36	1/4	606.62	1/4	218.63	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,736.16	1/2	1,348.13	1/2	973.60	1/2	598.54	1/2	210.55	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,728.08	3/4	1,340.04	3/4	965.83	3/4	590.45	3/4	202.47	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: 08/12/2021 JS
CALCULATED: 08/12/2021 CL
RENAMED: 05/02/2022 SW

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 29109"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BKF 307"

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	4,501.20	0	4,259.18	0	3,999.51	0	3,732.57	0	3,422.71	0	3,063.07	0	2,702.66	0	2,342.15
1/4		1/4	4,725.54	1/4	4,496.34	1/4	4,253.95	1/4	3,993.95	1/4	3,727.01	1/4	3,415.31	1/4	3,055.56	1/4	2,695.15	1/4	2,334.63
1/2		1/2	4,722.33	1/2	4,491.46	1/2	4,248.69	1/2	3,988.39	1/2	3,721.45	1/2	3,407.91	1/2	3,048.05	1/2	2,687.65	1/2	2,327.11
3/4		3/4	4,719.12	3/4	4,486.57	3/4	4,243.43	3/4	3,982.83	3/4	3,715.88	3/4	3,400.52	3/4	3,040.55	3/4	2,680.14	3/4	2,319.60
1		1	4,715.92	1	4,481.69	1	4,238.17	1	3,977.27	1	3,710.32	1	3,393.12	1	3,033.04	1	2,672.63	1	2,312.08
1/4		1/4	4,712.71	1/4	4,476.80	1/4	4,232.91	1/4	3,971.71	1/4	3,704.76	1/4	3,385.72	1/4	3,025.53	1/4	2,665.12	1/4	2,304.56
1/2		1/2	4,708.09	1/2	4,471.88	1/2	4,227.62	1/2	3,966.15	1/2	3,699.20	1/2	3,378.26	1/2	3,018.02	1/2	2,657.61	1/2	2,297.04
3/4		3/4	4,703.47	3/4	4,466.97	3/4	4,222.33	3/4	3,960.59	3/4	3,693.64	3/4	3,370.81	3/4	3,010.51	3/4	2,650.10	3/4	2,289.53
2		2	4,698.86	2	4,462.06	2	4,217.04	2	3,955.02	2	3,688.08	2	3,363.36	2	3,003.00	2	2,642.59	2	2,282.01
1/4		1/4	4,694.24	1/4	4,457.14	1/4	4,211.75	1/4	3,949.46	1/4	3,682.52	1/4	3,355.90	1/4	2,995.49	1/4	2,635.09	1/4	2,274.49
1/2		1/2	4,688.87	1/2	4,452.20	1/2	4,206.43	1/2	3,943.90	1/2	3,676.95	1/2	3,348.39	1/2	2,987.99	1/2	2,627.58	1/2	2,266.97
3/4		3/4	4,683.50	3/4	4,447.26	3/4	4,201.11	3/4	3,938.34	3/4	3,671.39	3/4	3,340.88	3/4	2,980.48	3/4	2,620.07	3/4	2,259.45
3		3	4,678.13	3	4,442.31	3	4,195.79	3	3,932.78	3	3,665.83	3	3,333.38	3	2,972.97	3	2,612.56	3	2,251.94
1/4		1/4	4,672.76	1/4	4,437.37	1/4	4,190.47	1/4	3,927.22	1/4	3,660.27	1/4	3,325.87	1/4	2,965.46	1/4	2,605.05	1/4	2,244.42
1/2		1/2	4,667.30	1/2	4,432.40	1/2	4,185.13	1/2	3,921.66	1/2	3,654.71	1/2	3,318.36	1/2	2,957.95	1/2	2,597.54	1/2	2,236.91
3/4		3/4	4,661.84	3/4	4,427.43	3/4	4,179.78	3/4	3,916.09	3/4	3,649.15	3/4	3,310.85	3/4	2,950.44	3/4	2,590.04	3/4	2,229.40
4		4	4,656.37	4	4,422.45	4	4,174.43	4	3,910.53	4	3,643.59	4	3,303.34	4	2,942.93	4	2,582.53	4	2,221.89
1/4		1/4	4,650.91	1/4	4,417.48	1/4	4,169.09	1/4	3,904.97	1/4	3,638.02	1/4	3,295.83	1/4	2,935.43	1/4	2,575.02	1/4	2,214.38
1/2		1/2	4,645.66	1/2	4,412.48	1/2	4,163.71	1/2	3,899.41	1/2	3,632.46	1/2	3,288.33	1/2	2,927.92	1/2	2,567.51	1/2	2,206.88
3/4		3/4	4,640.41	3/4	4,407.48	3/4	4,158.33	3/4	3,893.85	3/4	3,626.90	3/4	3,280.82	3/4	2,920.41	3/4	2,560.00	3/4	2,199.38
5		5	4,635.15	5	4,402.48	5	4,152.96	5	3,888.29	5	3,621.34	5	3,273.31	5	2,912.90	5	2,552.49	5	2,191.87
1/4		1/4	4,629.90	1/4	4,397.48	1/4	4,147.58	1/4	3,882.73	1/4	3,615.78	1/4	3,265.80	1/4	2,905.39	1/4	2,544.98	1/4	2,184.37
1/2		1/2	4,625.06	1/2	4,392.45	1/2	4,142.18	1/2	3,877.17	1/2	3,609.73	1/2	3,258.29	1/2	2,897.88	1/2	2,537.48	1/2	2,176.87
3/4		3/4	4,620.22	3/4	4,387.42	3/4	4,136.77	3/4	3,871.60	3/4	3,603.68	3/4	3,250.78	3/4	2,890.38	3/4	2,529.97	3/4	2,169.37
6		6	4,615.39	6	4,382.40	6	4,131.37	6	3,866.04	6	3,597.63	6	3,243.27	6	2,882.87	6	2,522.46	6	2,161.87
1/4		1/4	4,610.55	1/4	4,377.37	1/4	4,125.97	1/4	3,860.48	1/4	3,591.58	1/4	3,235.77	1/4	2,875.36	1/4	2,514.95	1/4	2,154.37
1/2		1/2	4,605.90	1/2	4,372.31	1/2	4,120.53	1/2	3,854.92	1/2	3,584.56	1/2	3,228.26	1/2	2,867.85	1/2	2,507.44	1/2	2,146.87
3/4		3/4	4,601.25	3/4	4,367.25	3/4	4,115.10	3/4	3,849.36	3/4	3,577.53	3/4	3,220.75	3/4	2,860.34	3/4	2,499.93	3/4	2,139.36
7		7	4,596.60	7	4,362.20	7	4,109.67	7	3,843.80	7	3,570.51	7	3,213.24	7	2,852.83	7	2,492.42	7	2,131.86
1/4		1/4	4,591.95	1/4	4,357.14	1/4	4,104.23	1/4	3,838.24	1/4	3,563.49	1/4	3,205.73	1/4	2,845.32	1/4	2,484.92	1/4	2,124.36
1/2		1/2	4,587.27	1/2	4,352.05	1/2	4,098.77	1/2	3,832.67	1/2	3,556.03	1/2	3,198.22	1/2	2,837.82	1/2	2,477.41	1/2	2,116.86
3/4		3/4	4,582.60	3/4	4,346.97	3/4	4,093.31	3/4	3,827.11	3/4	3,548.58	3/4	3,190.72	3/4	2,830.31	3/4	2,469.90	3/4	2,109.36
8		8	4,577.92	8	4,341.88	8	4,087.85	8	3,821.55	8	3,541.13	8	3,183.21	8	2,822.80	8	2,462.39	8	2,101.86
1/4		1/4	4,573.24	1/4	4,336.79	1/4	4,082.39	1/4	3,815.99	1/4	3,533.68	1/4	3,175.70	1/4	2,815.29	1/4	2,454.88	1/4	2,094.36
1/2		1/2	4,568.50	1/2	4,331.68	1/2	4,076.90	1/2	3,810.43	1/2	3,526.28	1/2	3,168.19	1/2	2,807.78	1/2	2,447.37	1/2	2,086.85
3/4		3/4	4,563.76	3/4	4,326.57	3/4	4,071.41	3/4	3,804.87	3/4	3,518.88	3/4	3,160.68	3/4	2,800.27	3/4	2,439.86	3/4	2,079.35
9		9	4,559.03	9	4,321.45	9	4,065.92	9	3,799.31	9	3,511.48	9	3,153.17	9	2,792.76	9	2,432.35	9	2,071.85
1/4		1/4	4,554.29	1/4	4,316.34	1/4	4,060.43	1/4	3,793.74	1/4	3,504.09	1/4	3,145.66	1/4	2,785.26	1/4	2,424.83	1/4	2,064.35
1/2		1/2	4,549.49	1/2	4,311.18	1/2	4,054.91	1/2	3,788.18	1/2	3,496.69	1/2	3,138.16	1/2	2,777.75	1/2	2,417.32	1/2	2,056.85
3/4		3/4	4,544.69	3/4	4,306.02	3/4	4,049.39	3/4	3,782.62	3/4	3,489.29	3/4	3,130.65	3/4	2,770.24	3/4	2,409.80	3/4	2,049.35
10		10	4,539.89	10	4,300.86	10	4,043.87	10	3,777.06	10	3,481.89	10	3,123.14	10	2,762.73	10	2,402.29	10	2,041.85
1/4		1/4	4,535.09	1/4	4,295.70	1/4	4,038.36	1/4	3,771.50	1/4	3,474.49	1/4	3,115.63	1/4	2,755.22	1/4	2,394.77	1/4	2,034.34
1/2		1/2	4,530.26	1/2	4,290.50	1/2	4,032.81	1/2	3,765.94	1/2	3,467.10	1/2	3,108.12	1/2	2,747.71	1/2	2,387.25	1/2	2,026.84
3/4		3/4	4,525.43	3/4	4,285.29	3/4	4,027.27	3/4	3,760.38	3/4	3,459.70	3/4	3,100.61	3/4	2,740.21	3/4	2,379.74	3/4	2,019.34
11		11	4,520.60	11	4,280.09	11	4,021.73	11	3,754.81	11	3,452.30	11	3,093.10	11	2,732.70	11	2,372.22	11	2,011.84
1/4		1/4	4,515.77	1/4	4,274.88	1/4	4,016.18	1/4	3,749.25	1/4	3,444.90	1/4	3,085.60	1/4	2,725.19	1/4	2,364.70	1/4	2,004.34
1/2		1/2	4,510.91	1/2	4,269.65	1/2	4,010.62	1/2	3,743.69	1/2	3,437.51	1/2	3,078.09	1/2	2,717.68	1/2	2,357.19	1/2	1,996.84
3/4		3/4	4,506.06	3/4	4,264.42	3/4	4,005.07	3/4	3,738.13	3/4	3,430.11	3/4	3,070.58	3/4	2,710.17	3/4	2,349.67	3/4	1,989.34

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 29109"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BKF 307"

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	1,981.83	0	1,621.33	0	1,260.63	0	901.69	0	549.16	0	188.33	0		0		0		0	
1/4	1,974.33	1/4	1,613.82	1/4	1,253.12	1/4	894.38	1/4	541.64	1/4	180.81	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,966.83	1/2	1,606.30	1/2	1,245.60	1/2	887.08	1/2	534.12	1/2	173.29	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,959.33	3/4	1,598.79	3/4	1,238.09	3/4	879.78	3/4	526.60	3/4	165.77	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,951.83	1	1,591.28	1	1,230.57	1	872.48	1	519.09	1	158.25	1	1	1	1	1	1	1	1
1/4	1,944.33	1/4	1,583.76	1/4	1,223.05	1/4	865.18	1/4	511.57	1/4	150.73	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,936.83	1/2	1,576.25	1/2	1,215.54	1/2	857.88	1/2	504.05	1/2	143.21	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,929.32	3/4	1,568.73	3/4	1,208.02	3/4	850.58	3/4	496.53	3/4	135.70	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,921.82	2	1,561.22	2	1,200.51	2	843.28	2	489.01	2	128.18	2	2	2	2	2	2	2	2
1/4	1,914.32	1/4	1,553.70	1/4	1,192.99	1/4	835.98	1/4	481.49	1/4	120.66	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,906.82	1/2	1,546.19	1/2	1,185.48	1/2	828.68	1/2	473.98	1/2	113.14	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,899.32	3/4	1,538.67	3/4	1,177.96	3/4	821.38	3/4	466.46	3/4	105.62	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,891.82	3	1,531.16	3	1,170.45	3	814.07	3	458.94	3	98.10	3	3	3	3	3	3	3	3
1/4	1,884.32	1/4	1,523.64	1/4	1,162.93	1/4	806.77	1/4	451.43	1/4	90.59	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,876.81	1/2	1,516.13	1/2	1,155.42	1/2	799.47	1/2	443.91	1/2	83.07	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,869.30	3/4	1,508.61	3/4	1,147.90	3/4	792.17	3/4	436.40	3/4	75.55	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,861.79	4	1,501.10	4	1,140.39	4	784.87	4	428.88	4	68.03	4	4	4	4	4	4	4	4
1/4	1,854.29	1/4	1,493.59	1/4	1,132.87	1/4	777.57	1/4	421.37	1/4	60.51	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,846.77	1/2	1,486.07	1/2	1,125.36	1/2	770.27	1/2	413.86	1/2	53.62	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,839.26	3/4	1,478.56	3/4	1,117.84	3/4	762.97	3/4	406.34	3/4	46.73	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,831.74	5	1,471.04	5	1,110.33	5	755.67	5	398.83	5	39.84	5	5	5	5	5	5	5	5
1/4	1,824.23	1/4	1,463.53	1/4	1,102.81	1/4	748.37	1/4	391.32	1/4	32.95	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,816.71	1/2	1,456.01	1/2	1,095.30	1/2	741.07	1/2	383.80	1/2	27.93	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,809.20	3/4	1,448.50	3/4	1,087.78	3/4	733.78	3/4	376.28	3/4	22.92	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,801.68	6	1,440.98	6	1,080.27	6	726.48	6	368.77	6	17.91	6	6	6	6	6	6	6	6
1/4	1,794.17	1/4	1,433.47	1/4	1,072.75	1/4	719.18	1/4	361.25	1/4	12.90	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,786.65	1/2	1,425.95	1/2	1,065.24	1/2	711.88	1/2	353.73	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,779.14	3/4	1,418.44	3/4	1,057.72	3/4	704.58	3/4	346.21	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,771.63	7	1,410.92	7	1,050.21	7	697.28	7	338.69	7		7	7	7	7	7	7	7	7
1/4	1,764.11	1/4	1,403.41	1/4	1,042.69	1/4	689.98	1/4	331.17	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,756.60	1/2	1,395.90	1/2	1,035.18	1/2	682.67	1/2	323.66	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,749.08	3/4	1,388.38	3/4	1,027.66	3/4	675.36	3/4	316.14	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,741.57	8	1,380.87	8	1,020.15	8	668.06	8	308.62	8		8	8	8	8	8	8	8	8
1/4	1,734.05	1/4	1,373.35	1/4	1,012.63	1/4	660.75	1/4	301.10	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,726.54	1/2	1,365.84	1/2	1,005.12	1/2	653.43	1/2	293.58	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,719.02	3/4	1,358.32	3/4	997.60	3/4	646.11	3/4	286.06	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,711.51	9	1,350.81	9	990.09	9	638.79	9	278.55	9		9	9	9	9	9	9	9	9
1/4	1,703.99	1/4	1,343.29	1/4	982.57	1/4	631.47	1/4	271.03	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,696.48	1/2	1,335.78	1/2	975.15	1/2	624.05	1/2	263.51	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,688.96	3/4	1,328.26	3/4	967.73	3/4	616.63	3/4	255.99	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,681.45	10	1,320.75	10	960.31	10	609.21	10	248.47	10		10	10	10	10	10	10	10	10
1/4	1,673.94	1/4	1,313.23	1/4	952.90	1/4	601.79	1/4	240.95	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,666.42	1/2	1,305.72	1/2	945.58	1/2	594.27	1/2	233.44	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,658.91	3/4	1,298.21	3/4	938.26	3/4	586.75	3/4	225.92	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,651.39	11	1,290.69	11	930.94	11	579.23	11	218.40	11		11	11	11	11	11	11	11	11
1/4	1,643.88	1/4	1,283.18	1/4	923.62	1/4	571.71	1/4	210.88	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,636.36	1/2	1,275.66	1/2	916.31	1/2	564.20	1/2	203.36	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,628.85	3/4	1,268.15	3/4	909.00	3/4	556.68	3/4	195.84	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: 08/12/2021 JS
CALCULATED: 08/12/2021 CL
RENAMED: 05/02/2022 SW

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 29109"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BKF 307"

GAUGE HEIGHT 15'-05 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0	4,700.17	0	4,468.86	0	4,225.65	0	3,964.96	0	3,697.65	0	3,384.05	0	3,024.82	0	2,665.03	0	2,305.28
1/4		1/4	4,696.96	1/4	4,463.96	1/4	4,220.38	1/4	3,959.40	1/4	3,692.08	1/4	3,376.66	1/4	3,017.32	1/4	2,657.54	1/4	2,297.77
1/2		1/2	4,693.74	1/2	4,459.06	1/2	4,215.11	1/2	3,953.83	1/2	3,686.51	1/2	3,369.28	1/2	3,009.83	1/2	2,650.04	1/2	2,290.27
3/4		3/4	4,690.53	3/4	4,454.17	3/4	4,209.84	3/4	3,948.26	3/4	3,680.95	3/4	3,361.89	3/4	3,002.33	3/4	2,642.55	3/4	2,282.76
1		1	4,685.90	1	4,449.25	1	4,204.54	1	3,942.69	1	3,675.38	1	3,354.45	1	2,994.84	1	2,635.05	1	2,275.25
1/4		1/4	4,681.28	1/4	4,444.32	1/4	4,199.24	1/4	3,937.12	1/4	3,669.81	1/4	3,347.01	1/4	2,987.34	1/4	2,627.56	1/4	2,267.75
1/2		1/2	4,676.65	1/2	4,439.40	1/2	4,193.94	1/2	3,931.55	1/2	3,664.24	1/2	3,339.57	1/2	2,979.84	1/2	2,620.07	1/2	2,260.24
3/4		3/4	4,672.03	3/4	4,434.47	3/4	4,188.65	3/4	3,925.98	3/4	3,658.67	3/4	3,332.13	3/4	2,972.35	3/4	2,612.58	3/4	2,252.74
2		2	4,666.65	2	4,429.52	2	4,183.32	2	3,920.41	2	3,653.10	2	3,324.64	2	2,964.85	2	2,605.09	2	2,245.23
1/4		1/4	4,661.27	1/4	4,424.57	1/4	4,177.99	1/4	3,914.84	1/4	3,647.53	1/4	3,317.14	1/4	2,957.36	1/4	2,597.60	1/4	2,237.72
1/2		1/2	4,655.90	1/2	4,419.62	1/2	4,172.67	1/2	3,909.27	1/2	3,641.96	1/2	3,309.65	1/2	2,949.86	1/2	2,590.11	1/2	2,230.22
3/4		3/4	4,650.52	3/4	4,414.66	3/4	4,167.34	3/4	3,903.71	3/4	3,636.39	3/4	3,302.15	3/4	2,942.37	3/4	2,582.62	3/4	2,222.71
3		3	4,645.05	3	4,409.68	3	4,161.98	3	3,898.14	3	3,630.82	3	3,294.66	3	2,934.87	3	2,575.13	3	2,215.21
1/4		1/4	4,639.58	1/4	4,404.70	1/4	4,156.63	1/4	3,892.57	1/4	3,625.26	1/4	3,287.16	1/4	2,927.38	1/4	2,567.64	1/4	2,207.71
1/2		1/2	4,634.11	1/2	4,399.72	1/2	4,151.27	1/2	3,887.00	1/2	3,619.69	1/2	3,279.66	1/2	2,919.88	1/2	2,560.15	1/2	2,200.22
3/4		3/4	4,628.64	3/4	4,394.74	3/4	4,145.92	3/4	3,881.43	3/4	3,614.12	3/4	3,272.17	3/4	2,912.38	3/4	2,552.65	3/4	2,192.72
4		4	4,623.37	4	4,389.73	4	4,140.53	4	3,875.86	4	3,608.55	4	3,264.67	4	2,904.89	4	2,545.16	4	2,185.23
1/4		1/4	4,618.11	1/4	4,384.72	1/4	4,135.15	1/4	3,870.29	1/4	3,602.98	1/4	3,257.18	1/4	2,897.39	1/4	2,537.67	1/4	2,177.74
1/2		1/2	4,612.85	1/2	4,379.71	1/2	4,129.77	1/2	3,864.72	1/2	3,597.41	1/2	3,249.68	1/2	2,889.90	1/2	2,530.18	1/2	2,170.25
3/4		3/4	4,607.59	3/4	4,374.70	3/4	4,124.38	3/4	3,859.15	3/4	3,591.84	3/4	3,242.19	3/4	2,882.40	3/4	2,522.69	3/4	2,162.76
5		5	4,602.74	5	4,369.66	5	4,118.97	5	3,853.58	5	3,585.79	5	3,234.69	5	2,874.91	5	2,515.20	5	2,155.27
1/4		1/4	4,597.90	1/4	4,364.62	1/4	4,113.56	1/4	3,848.02	1/4	3,579.73	1/4	3,227.20	1/4	2,867.41	1/4	2,507.71	1/4	2,147.78
1/2		1/2	4,593.05	1/2	4,359.59	1/2	4,108.15	1/2	3,842.45	1/2	3,573.67	1/2	3,219.70	1/2	2,859.92	1/2	2,500.22	1/2	2,140.29
3/4		3/4	4,588.20	3/4	4,354.55	3/4	4,102.73	3/4	3,836.88	3/4	3,567.62	3/4	3,212.20	3/4	2,852.42	3/4	2,492.73	3/4	2,132.80
6		6	4,583.54	6	4,349.48	6	4,097.29	6	3,831.31	6	3,560.59	6	3,204.71	6	2,844.93	6	2,485.24	6	2,125.31
1/4		1/4	4,578.88	1/4	4,344.42	1/4	4,091.85	1/4	3,825.74	1/4	3,553.57	1/4	3,197.21	1/4	2,837.43	1/4	2,477.75	1/4	2,117.82
1/2		1/2	4,574.22	1/2	4,339.35	1/2	4,086.41	1/2	3,820.17	1/2	3,546.54	1/2	3,189.72	1/2	2,829.93	1/2	2,470.26	1/2	2,110.33
3/4		3/4	4,569.56	3/4	4,334.28	3/4	4,080.97	3/4	3,814.60	3/4	3,539.52	3/4	3,182.22	3/4	2,822.44	3/4	2,462.77	3/4	2,102.84
7		7	4,564.87	7	4,329.19	7	4,075.50	7	3,809.03	7	3,532.07	7	3,174.73	7	2,814.94	7	2,455.28	7	2,095.40
1/4		1/4	4,560.19	1/4	4,324.09	1/4	4,070.03	1/4	3,803.46	1/4	3,524.62	1/4	3,167.23	1/4	2,807.45	1/4	2,447.79	1/4	2,087.95
1/2		1/2	4,555.50	1/2	4,319.00	1/2	4,064.56	1/2	3,797.89	1/2	3,517.16	1/2	3,159.74	1/2	2,799.95	1/2	2,440.30	1/2	2,080.51
3/4		3/4	4,550.81	3/4	4,313.90	3/4	4,059.09	3/4	3,792.33	3/4	3,509.71	3/4	3,152.24	3/4	2,792.46	3/4	2,432.81	3/4	2,073.07
8		8	4,546.06	8	4,308.78	8	4,053.60	8	3,786.76	8	3,502.32	8	3,144.75	8	2,784.96	8	2,425.32	8	2,065.67
1/4		1/4	4,541.31	1/4	4,303.66	1/4	4,048.10	1/4	3,781.19	1/4	3,494.92	1/4	3,137.25	1/4	2,777.47	1/4	2,417.82	1/4	2,058.27
1/2		1/2	4,536.56	1/2	4,298.53	1/2	4,042.60	1/2	3,775.62	1/2	3,487.52	1/2	3,129.75	1/2	2,769.97	1/2	2,410.33	1/2	2,050.88
3/4		3/4	4,531.81	3/4	4,293.41	3/4	4,037.10	3/4	3,770.05	3/4	3,480.13	3/4	3,122.26	3/4	2,762.47	3/4	2,402.83	3/4	2,043.48
9		9	4,527.00	9	4,288.24	9	4,031.58	9	3,764.48	9	3,472.73	9	3,114.76	9	2,754.98	9	2,395.33	9	2,036.08
1/4		1/4	4,522.19	1/4	4,283.07	1/4	4,026.05	1/4	3,758.91	1/4	3,465.33	1/4	3,107.27	1/4	2,747.48	1/4	2,387.83	1/4	2,028.69
1/2		1/2	4,517.38	1/2	4,277.90	1/2	4,020.52	1/2	3,753.34	1/2	3,457.94	1/2	3,099.77	1/2	2,739.99	1/2	2,380.33	1/2	2,021.29
3/4		3/4	4,512.57	3/4	4,272.74	3/4	4,015.00	3/4	3,747.77	3/4	3,450.54	3/4	3,092.28	3/4	2,732.49	3/4	2,372.83	3/4	2,013.90
10		10	4,507.74	10	4,267.52	10	4,009.45	10	3,742.20	10	3,443.15	10	3,084.78	10	2,725.00	10	2,365.33	10	2,006.50
1/4		1/4	4,502.90	1/4	4,262.31	1/4	4,003.89	1/4	3,736.64	1/4	3,435.76	1/4	3,077.29	1/4	2,717.50	1/4	2,357.82	1/4	1,999.10
1/2		1/2	4,498.06	1/2	4,257.10	1/2	3,998.34	1/2	3,731.07	1/2	3,428.37	1/2	3,069.79	1/2	2,710.01	1/2	2,350.32	1/2	1,991.71
3/4		3/4	4,493.22	3/4	4,251.88	3/4	3,992.79	3/4	3,725.50	3/4	3,420.98	3/4	3,062.29	3/4	2,702.51	3/4	2,342.81	3/4	1,984.31
11		11	4,488.35	11	4,246.64	11	3,987.23	11	3,719.93	11	3,413.59	11	3,054.80	11	2,695.02	11	2,335.30	11	1,976.91
1/4		1/4	4,483.49	1/4	4,241.40	1/4	3,981.66	1/4	3,714.36	1/4	3,406.21	1/4	3,047.30	1/4	2,687.52	1/4	2,327.80	1/4	1,969.52
1/2		1/2	4,478.62	1/2	4,236.16	1/2	3,976.10	1/2	3,708.79	1/2	3,398.82	1/2	3,039.81	1/2	2,680.02	1/2	2,320.29	1/2	1,962.12
3/4		3/4	4,473.75	3/4	4,230.92	3/4	3,970.53	3/4	3,703.22	3/4	3,391.44	3/4	3,032.31	3/4	2,672.53	3/4	2,312.79	3/4	1,954.72

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 29109"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BKF 307"

GAUGE HEIGHT 15'-05 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,947.33	0	1,590.12	0	1,230.13	0	875.52	0	533.61	0	173.26	0		0		0		0	
1/4	1,939.93	1/4	1,582.62	1/4	1,222.63	1/4	868.53	1/4	526.11	1/4	165.76	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,932.53	1/2	1,575.12	1/2	1,215.13	1/2	861.53	1/2	518.62	1/2	158.25	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,925.14	3/4	1,567.62	3/4	1,207.63	3/4	854.53	3/4	511.09	3/4	150.74	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,917.74	1	1,560.13	1	1,200.13	1	847.53	1	503.58	1	143.23	1	1	1	1	1	1	1	1
1/4	1,910.34	1/4	1,552.63	1/4	1,192.63	1/4	840.53	1/4	496.07	1/4	135.71	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,902.95	1/2	1,545.13	1/2	1,185.13	1/2	833.53	1/2	488.57	1/2	128.20	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,895.55	3/4	1,537.63	3/4	1,177.63	3/4	826.52	3/4	481.06	3/4	120.68	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,888.15	2	1,530.13	2	1,170.13	2	819.52	2	473.55	2	113.16	2	2	2	2	2	2	2	2
1/4	1,880.76	1/4	1,522.63	1/4	1,162.63	1/4	812.52	1/4	466.04	1/4	105.64	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,873.36	1/2	1,515.13	1/2	1,155.13	1/2	805.52	1/2	458.54	1/2	98.12	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,865.97	3/4	1,507.63	3/4	1,147.63	3/4	798.52	3/4	451.03	3/4	90.60	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,858.56	3	1,500.13	3	1,140.12	3	791.51	3	443.53	3	83.08	3	3	3	3	3	3	3	3
1/4	1,851.16	1/4	1,492.63	1/4	1,132.62	1/4	784.51	1/4	436.02	1/4	75.56	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,843.76	1/2	1,485.13	1/2	1,125.11	1/2	777.51	1/2	428.52	1/2	68.04	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,836.35	3/4	1,477.63	3/4	1,117.61	3/4	770.51	3/4	421.01	3/4	60.52	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,828.94	4	1,470.13	4	1,110.11	4	763.51	4	413.51	4	53.63	4	4	4	4	4	4	4	4
1/4	1,821.53	1/4	1,462.63	1/4	1,102.61	1/4	756.51	1/4	406.01	1/4	46.74	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,814.12	1/2	1,455.13	1/2	1,095.11	1/2	749.50	1/2	398.50	1/2	39.84	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,806.71	3/4	1,447.63	3/4	1,087.61	3/4	742.50	3/4	391.00	3/4	32.95	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,799.31	5	1,440.13	5	1,080.12	5	735.50	5	383.49	5	27.94	5	5	5	5	5	5	5	5
1/4	1,791.90	1/4	1,432.63	1/4	1,072.63	1/4	728.50	1/4	375.99	1/4	22.93	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,784.49	1/2	1,425.13	1/2	1,065.13	1/2	721.51	1/2	368.48	1/2	17.91	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,777.08	3/4	1,417.63	3/4	1,057.64	3/4	714.51	3/4	360.97	3/4	12.90	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,769.67	6	1,410.13	6	1,050.14	6	707.50	6	353.46	6		6	6	6	6	6	6	6	6
1/4	1,762.26	1/4	1,402.63	1/4	1,042.65	1/4	700.50	1/4	345.96	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,754.85	1/2	1,395.13	1/2	1,035.15	1/2	693.50	1/2	338.45	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,747.44	3/4	1,387.63	3/4	1,027.66	3/4	686.50	3/4	330.94	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,739.98	7	1,380.13	7	1,020.16	7	679.48	7	323.43	7		7	7	7	7	7	7	7	7
1/4	1,732.53	1/4	1,372.63	1/4	1,012.67	1/4	672.47	1/4	315.92	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,725.07	1/2	1,365.13	1/2	1,005.17	1/2	665.45	1/2	308.41	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,717.62	3/4	1,357.63	3/4	997.68	3/4	658.43	3/4	300.91	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,710.12	8	1,350.13	8	990.19	8	651.40	8	293.40	8		8	8	8	8	8	8	8	8
1/4	1,702.62	1/4	1,342.63	1/4	982.69	1/4	644.36	1/4	285.89	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,695.12	1/2	1,335.13	1/2	975.20	1/2	637.32	1/2	278.38	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,687.62	3/4	1,327.63	3/4	967.70	3/4	630.29	3/4	270.87	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,680.12	9	1,320.13	9	960.44	9	623.01	9	263.36	9		9	9	9	9	9	9	9	9
1/4	1,672.62	1/4	1,312.64	1/4	953.18	1/4	615.74	1/4	255.86	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,665.12	1/2	1,305.14	1/2	945.92	1/2	608.46	1/2	248.35	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,657.62	3/4	1,297.64	3/4	938.65	3/4	601.19	3/4	240.84	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,650.12	10	1,290.14	10	931.63	10	593.68	10	233.33	10		10	10	10	10	10	10	10	10
1/4	1,642.62	1/4	1,282.64	1/4	924.60	1/4	586.17	1/4	225.82	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,635.12	1/2	1,275.14	1/2	917.58	1/2	578.66	1/2	218.31	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,627.62	3/4	1,267.64	3/4	910.55	3/4	571.16	3/4	210.81	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,620.12	11	1,260.14	11	903.54	11	563.65	11	203.30	11		11	11	11	11	11	11	11	11
1/4	1,612.62	1/4	1,252.63	1/4	896.54	1/4	556.14	1/4	195.79	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,605.12	1/2	1,245.13	1/2	889.53	1/2	548.63	1/2	188.28	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,597.62	3/4	1,237.63	3/4	882.52	3/4	541.12	3/4	180.77	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: 08/12/2021 JS
CALCULATED: 08/12/2021 CL
RENAMED: 05/02/2022 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2022