

BARGE "PBL 3421"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8	01-5/8	- 01-5/8
2 CENTER	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-1/4	- 01-1/4	01-5/8	- 01-5/8	02-0/8	- 02-0/8	02-3/8	- 02-3/8
3 CENTER	- 00-1/2	00-1/2	- 01-0/8	01-0/8	- 01-1/2	01-1/2	- 02-0/8	02-0/8	- 02-1/2	02-1/2	- 03-0/8	03-0/8
4 CENTER	- 00-3/8	00-3/8	- 00-3/4	00-3/4	- 01-1/8	01-1/8	- 01-1/2	01-1/2	- 01-7/8	01-7/8	- 02-1/4	02-1/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

LENGTH BETWEEN DRAFT MARKS: 260'-00"

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

May 16, 2023

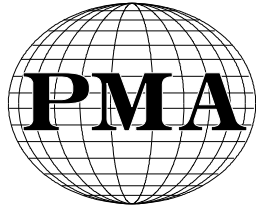
**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

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SHEET NO. 1 OF 2

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS - 00-1/2"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER THE TRIM CORRECTED INNAGE IS 3'-11 1/2"



BARGE "PBL 3421"

INNAGE TRIM TABLE

	7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 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	02-0/8	- 02-0/8	02-1/4	- 02-1/4	02-1/2	- 02-1/2	02-3/4	- 02-3/4	03-0/8	- 03-0/8	03-3/8	- 03-3/8
1 STBD	02-7/8	- 02-7/8	03-1/4	- 03-1/4	03-5/8	- 03-5/8	04-0/8	- 04-0/8	04-1/2	- 04-1/2	04-7/8	- 04-7/8
2 PORT	- 03-1/2	03-1/2	- 04-0/8	04-0/8	- 04-1/2	04-1/2	- 05-0/8	05-0/8	- 05-1/2	05-1/2	- 06-0/8	06-0/8
2 STBD	- 02-5/8	02-5/8	- 03-0/8	03-0/8	- 03-3/8	03-3/8	- 03-3/4	03-3/4	- 04-1/8	04-1/8	- 04-1/2	04-1/2

(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)

LENGTH BETWEEN DRAFT MARKS: 260'-00"

May 16, 2023

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THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS - 00-1/2"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER THE TRIM CORRECTED INNAGE IS 3'-11 1/2"



BARGE "PBL 3421"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-09 3/4"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	0.47	6	53.72	0	162.04	6	272.55	0	383.06	6	493.56	0	603.89	6	714.23	0	824.74	6	935.25
1/8	0.66	1/8	55.78	1/8	164.34	1/8	274.85	1/8	385.36	1/8	495.86	1/8	606.19	1/8	716.53	1/8	827.04	1/8	937.55
1/4	0.85	1/4	57.84	1/4	166.65	1/4	277.16	1/4	387.66	1/4	498.16	1/4	608.49	1/4	718.84	1/4	829.34	1/4	939.86
3/8	1.04	3/8	59.90	3/8	168.95	3/8	279.46	3/8	389.97	3/8	500.46	3/8	610.79	3/8	721.14	3/8	831.65	3/8	942.16
1/2	1.23	1/2	61.95	1/2	171.25	1/2	281.76	1/2	392.27	1/2	502.76	1/2	613.08	1/2	723.44	1/2	833.95	1/2	944.46
5/8	1.43	5/8	64.01	5/8	173.55	5/8	284.06	5/8	394.57	5/8	505.07	5/8	615.38	5/8	725.74	5/8	836.25	5/8	946.76
3/4	1.62	3/4	66.07	3/4	175.86	3/4	286.37	3/4	396.87	3/4	507.37	3/4	617.68	3/4	728.05	3/4	838.55	3/4	949.07
7/8	1.81	7/8	68.13	7/8	178.16	7/8	288.67	7/8	399.18	7/8	509.67	7/8	619.98	7/8	730.35	7/8	840.86	7/8	951.37
1	2.00	7	70.19	1	180.46	7	290.97	1	401.48	7	511.97	1	622.28	7	732.65	1	843.16	7	953.67
1/8	2.57	1/8	72.48	1/8	182.76	1/8	293.27	1/8	403.78	1/8	514.27	1/8	624.58	1/8	734.95	1/8	845.46	1/8	955.97
1/4	3.15	1/4	74.76	1/4	185.07	1/4	295.58	1/4	406.08	1/4	516.56	1/4	626.88	1/4	737.25	1/4	847.76	1/4	958.28
3/8	3.72	3/8	77.05	3/8	187.37	3/8	297.88	3/8	408.38	3/8	518.86	3/8	629.18	3/8	739.55	3/8	850.06	3/8	960.58
1/2	4.30	1/2	79.33	1/2	189.67	1/2	300.18	1/2	410.68	1/2	521.16	1/2	631.47	1/2	741.85	1/2	852.36	1/2	962.88
5/8	4.87	5/8	81.62	5/8	191.97	5/8	302.48	5/8	412.99	5/8	523.46	5/8	633.77	5/8	744.16	5/8	854.67	5/8	965.18
3/4	5.45	3/4	83.91	3/4	194.28	3/4	304.79	3/4	415.29	3/4	525.75	3/4	636.07	3/4	746.46	3/4	856.97	3/4	967.49
7/8	6.02	7/8	86.19	7/8	196.58	7/8	307.09	7/8	417.59	7/8	528.05	7/8	638.37	7/8	748.76	7/8	859.27	7/8	969.79
2	6.60	8	88.48	2	198.88	8	309.39	2	419.89	8	530.35	2	640.67	8	751.06	2	861.57	8	972.09
1/8	7.55	1/8	90.77	1/8	201.18	1/8	311.69	1/8	422.19	1/8	532.65	1/8	642.97	1/8	753.36	1/8	863.87	1/8	974.39
1/4	8.50	1/4	93.07	1/4	203.49	1/4	314.00	1/4	424.50	1/4	534.95	1/4	645.26	1/4	755.66	1/4	866.18	1/4	976.69
3/8	9.45	3/8	95.36	3/8	205.79	3/8	316.30	3/8	426.80	3/8	537.25	3/8	647.56	3/8	757.97	3/8	868.48	3/8	978.99
1/2	10.39	1/2	97.65	1/2	208.09	1/2	318.60	1/2	429.10	1/2	539.54	1/2	649.86	1/2	760.27	1/2	870.78	1/2	981.29
5/8	11.34	5/8	99.95	5/8	210.39	5/8	320.90	5/8	431.40	5/8	541.84	5/8	652.16	5/8	762.57	5/8	873.08	5/8	983.60
3/4	12.29	3/4	102.24	3/4	212.70	3/4	323.21	3/4	433.71	3/4	544.14	3/4	654.45	3/4	764.87	3/4	875.39	3/4	985.90
7/8	13.24	7/8	104.54	7/8	215.00	7/8	325.51	7/8	436.01	7/8	546.44	7/8	656.75	7/8	767.18	7/8	877.69	7/8	988.20
3	14.19	9	106.83	3	217.30	9	327.81	3	438.31	9	548.74	3	659.05	9	769.48	3	879.99	9	990.50
1/8	15.52	1/8	109.13	1/8	219.60	1/8	330.11	1/8	440.61	1/8	551.04	1/8	661.35	1/8	771.78	1/8	882.29	1/8	992.80
1/4	16.86	1/4	111.43	1/4	221.91	1/4	332.41	1/4	442.92	1/4	553.33	1/4	663.65	1/4	774.08	1/4	884.60	1/4	995.10
3/8	18.19	3/8	113.73	3/8	224.21	3/8	334.71	3/8	445.22	3/8	555.63	3/8	665.95	3/8	776.39	3/8	886.90	3/8	997.41
1/2	19.52	1/2	116.02	1/2	226.51	1/2	337.01	1/2	447.52	1/2	557.93	1/2	668.24	1/2	778.69	1/2	889.20	1/2	999.71
5/8	20.85	5/8	118.32	5/8	228.81	5/8	339.32	5/8	449.82	5/8	560.23	5/8	670.54	5/8	780.99	5/8	891.50	5/8	1,002.01
3/4	22.19	3/4	120.62	3/4	231.12	3/4	341.62	3/4	452.13	3/4	562.52	3/4	672.84	3/4	783.29	3/4	893.81	3/4	1,004.31
7/8	23.52	7/8	122.92	7/8	233.42	7/8	343.92	7/8	454.43	7/8	564.82	7/8	675.14	7/8	785.60	7/8	896.11	7/8	1,006.62
4	24.85	10	125.22	4	235.72	10	346.22	4	456.73	10	567.12	4	677.44	10	787.90	4	898.41	10	1,008.92
1/8	26.57	1/8	127.52	1/8	238.02	1/8	348.52	1/8	459.03	1/8	569.42	1/8	679.74	1/8	790.20	1/8	900.71	1/8	1,011.22
1/4	28.28	1/4	129.82	1/4	240.32	1/4	350.82	1/4	461.34	1/4	571.72	1/4	682.03	1/4	792.50	1/4	903.02	1/4	1,013.52
3/8	30.00	3/8	132.12	3/8	242.62	3/8	353.13	3/8	463.64	3/8	574.02	3/8	684.33	3/8	794.81	3/8	905.32	3/8	1,015.83
1/2	31.71	1/2	134.42	1/2	244.93	1/2	355.43	1/2	465.94	1/2	576.31	1/2	686.63	1/2	797.11	1/2	907.62	1/2	1,018.13
5/8	33.43	5/8	136.73	5/8	247.23	5/8	357.73	5/8	468.24	5/8	578.61	5/8	688.93	5/8	799.41	5/8	909.92	5/8	1,020.43
3/4	35.15	3/4	139.03	3/4	249.53	3/4	360.03	3/4	470.55	3/4	580.91	3/4	691.22	3/4	801.71	3/4	912.23	3/4	1,022.73
7/8	36.86	7/8	141.33	7/8	251.83	7/8	362.34	7/8	472.85	7/8	583.21	7/8	693.52	7/8	804.02	7/8	914.53	7/8	1,025.04
5	38.58	11	143.63	5	254.13	11	364.64	5	475.15	11	585.51	5	695.82	11	806.32	5	916.83	11	1,027.34
1/8	40.47	1/8	145.93	1/8	256.43	1/8	366.94	1/8	477.45	1/8	587.81	1/8	698.12	1/8	808.62	1/8	919.13	1/8	1,029.64
1/4	42.36	1/4	148.23	1/4	258.74	1/4	369.24	1/4	479.75	1/4	590.11	1/4	700.42	1/4	810.92	1/4	921.44	1/4	1,031.94
3/8	44.26	3/8	150.53	3/8	261.04	3/8	371.55	3/8	482.05	3/8	592.40	3/8	702.72	3/8	813.23	3/8	923.74	3/8	1,034.25
1/2	46.15	1/2	152.84	1/2	263.34	1/2	373.85	1/2	484.35	1/2	594.70	1/2	705.02	1/2	815.53	1/2	926.04	1/2	1,036.55
5/8	48.04	5/8	155.14	5/8	265.64	5/8	376.15	5/8	486.66	5/8	597.00	5/8	707.33	5/8	817.83	5/8	928.34	5/8	1,038.85
3/4	49.93	3/4	157.44	3/4	267.95	3/4	378.45	3/4	488.96	3/4	599.30	3/4	709.63	3/4	820.13	3/4	930.65	3/4	1,041.15
7/8	51.83	7/8	159.74	7/8	270.25	7/8	380.76	7/8	491.26	7/8	601.59	7/8	711.93	7/8	822.44	7/8	932.95	7/8	1,043.46

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THE TOP LIP OF 2" STANDPIPE.
 GAUGE POINT: (2" STANDPIPE) LOCATED 1'-09" OFF CENTERLINE AND 7'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "PBL 3421"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-09 3/4"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	1,045.76	6	1,156.27	0	1,266.78	6	1,377.29	0	1,487.80	6	1,598.31	0	1,708.82	6	1,819.33	0	1,929.84	6	2,040.35
1/8	1,048.06	1/8	1,158.57	1/8	1,269.08	1/8	1,379.59	1/8	1,490.10	1/8	1,600.61	1/8	1,711.12	1/8	1,821.63	1/8	1,932.14	1/8	2,042.65
1/4	1,050.36	1/4	1,160.88	1/4	1,271.38	1/4	1,381.90	1/4	1,492.40	1/4	1,602.92	1/4	1,713.42	1/4	1,823.94	1/4	1,934.44	1/4	2,044.96
3/8	1,052.67	3/8	1,163.18	3/8	1,273.69	3/8	1,384.20	3/8	1,494.71	3/8	1,605.22	3/8	1,715.73	3/8	1,826.24	3/8	1,936.75	3/8	2,047.26
1/2	1,054.97	1/2	1,165.48	1/2	1,275.99	1/2	1,386.50	1/2	1,497.01	1/2	1,607.52	1/2	1,718.03	1/2	1,828.54	1/2	1,939.05	1/2	2,049.56
5/8	1,057.27	5/8	1,167.78	5/8	1,278.29	5/8	1,388.80	5/8	1,499.31	5/8	1,609.82	5/8	1,720.33	5/8	1,830.84	5/8	1,941.35	5/8	2,051.86
3/4	1,059.57	3/4	1,170.09	3/4	1,280.59	3/4	1,391.11	3/4	1,501.61	3/4	1,612.13	3/4	1,722.63	3/4	1,833.15	3/4	1,943.65	3/4	2,054.17
7/8	1,061.88	7/8	1,172.39	7/8	1,282.90	7/8	1,393.41	7/8	1,503.92	7/8	1,614.43	7/8	1,724.94	7/8	1,835.45	7/8	1,945.96	7/8	2,056.47
1	1,064.18	7	1,174.69	1	1,285.20	7	1,395.71	1	1,506.22	7	1,616.73	1	1,727.24	7	1,837.75	1	1,948.26	7	2,058.77
1/8	1,066.48	1/8	1,176.99	1/8	1,287.50	1/8	1,398.01	1/8	1,508.52	1/8	1,619.03	1/8	1,729.54	1/8	1,840.05	1/8	1,950.56	1/8	2,061.07
1/4	1,068.78	1/4	1,179.30	1/4	1,289.80	1/4	1,400.32	1/4	1,510.82	1/4	1,621.34	1/4	1,731.84	1/4	1,842.36	1/4	1,952.86	1/4	2,063.38
3/8	1,071.09	3/8	1,181.60	3/8	1,292.11	3/8	1,402.62	3/8	1,513.13	3/8	1,623.64	3/8	1,734.15	3/8	1,844.66	3/8	1,955.17	3/8	2,065.68
1/2	1,073.39	1/2	1,183.90	1/2	1,294.41	1/2	1,404.92	1/2	1,515.43	1/2	1,625.94	1/2	1,736.45	1/2	1,846.96	1/2	1,957.47	1/2	2,067.98
5/8	1,075.69	5/8	1,186.20	5/8	1,296.71	5/8	1,407.22	5/8	1,517.73	5/8	1,628.24	5/8	1,738.75	5/8	1,849.26	5/8	1,959.77	5/8	2,070.28
3/4	1,077.99	3/4	1,188.51	3/4	1,299.01	3/4	1,409.53	3/4	1,520.03	3/4	1,630.55	3/4	1,741.05	3/4	1,851.57	3/4	1,962.07	3/4	2,072.59
7/8	1,080.30	7/8	1,190.81	7/8	1,301.32	7/8	1,411.83	7/8	1,522.34	7/8	1,632.85	7/8	1,743.36	7/8	1,853.87	7/8	1,964.38	7/8	2,074.89
2	1,082.60	8	1,193.11	2	1,303.62	8	1,414.13	2	1,524.64	8	1,635.15	2	1,745.66	8	1,856.17	2	1,966.68	8	2,077.19
1/8	1,084.90	1/8	1,195.41	1/8	1,305.92	1/8	1,416.43	1/8	1,526.94	1/8	1,637.45	1/8	1,747.96	1/8	1,858.47	1/8	1,968.98	1/8	2,079.49
1/4	1,087.20	1/4	1,197.71	1/4	1,308.22	1/4	1,418.74	1/4	1,529.24	1/4	1,639.76	1/4	1,750.26	1/4	1,860.78	1/4	1,971.28	1/4	2,081.80
3/8	1,089.50	3/8	1,200.01	3/8	1,310.52	3/8	1,421.04	3/8	1,531.55	3/8	1,642.06	3/8	1,752.57	3/8	1,863.08	3/8	1,973.59	3/8	2,084.10
1/2	1,091.80	1/2	1,202.31	1/2	1,312.82	1/2	1,423.34	1/2	1,533.85	1/2	1,644.36	1/2	1,754.87	1/2	1,865.38	1/2	1,975.89	1/2	2,086.40
5/8	1,094.11	5/8	1,204.62	5/8	1,315.13	5/8	1,425.64	5/8	1,536.15	5/8	1,646.66	5/8	1,757.17	5/8	1,867.68	5/8	1,978.19	5/8	2,088.70
3/4	1,096.41	3/4	1,206.92	3/4	1,317.43	3/4	1,427.95	3/4	1,538.45	3/4	1,648.97	3/4	1,759.47	3/4	1,869.99	3/4	1,980.49	3/4	2,091.01
7/8	1,098.71	7/8	1,209.22	7/8	1,319.73	7/8	1,430.25	7/8	1,540.76	7/8	1,651.27	7/8	1,761.78	7/8	1,872.29	7/8	1,982.80	7/8	2,093.31
3	1,101.01	9	1,211.52	3	1,322.03	9	1,432.55	3	1,543.06	9	1,653.57	3	1,764.08	9	1,874.59	3	1,985.10	9	2,095.61
1/8	1,103.31	1/8	1,213.82	1/8	1,324.33	1/8	1,434.85	1/8	1,545.36	1/8	1,655.87	1/8	1,766.38	1/8	1,876.89	1/8	1,987.40	1/8	2,097.91
1/4	1,105.62	1/4	1,216.12	1/4	1,326.64	1/4	1,437.15	1/4	1,547.66	1/4	1,658.17	1/4	1,768.68	1/4	1,879.20	1/4	1,989.70	1/4	2,100.22
3/8	1,107.92	3/8	1,218.43	3/8	1,328.94	3/8	1,439.45	3/8	1,549.96	3/8	1,660.47	3/8	1,770.98	3/8	1,881.50	3/8	1,992.01	3/8	2,102.52
1/2	1,110.22	1/2	1,220.73	1/2	1,331.24	1/2	1,441.75	1/2	1,552.26	1/2	1,662.77	1/2	1,773.28	1/2	1,883.80	1/2	1,994.31	1/2	2,104.82
5/8	1,112.52	5/8	1,223.03	5/8	1,333.54	5/8	1,444.06	5/8	1,554.57	5/8	1,665.08	5/8	1,775.59	5/8	1,886.10	5/8	1,996.61	5/8	2,107.12
3/4	1,114.83	3/4	1,225.33	3/4	1,335.85	3/4	1,446.36	3/4	1,556.87	3/4	1,667.38	3/4	1,777.89	3/4	1,888.41	3/4	1,998.91	3/4	2,109.43
7/8	1,117.13	7/8	1,227.64	7/8	1,338.15	7/8	1,448.66	7/8	1,559.17	7/8	1,669.68	7/8	1,780.19	7/8	1,890.71	7/8	2,001.22	7/8	2,111.73
4	1,119.43	10	1,229.94	4	1,340.45	10	1,450.96	4	1,561.47	10	1,671.98	4	1,782.49	10	1,893.01	4	2,003.52	10	2,114.03
1/8	1,121.73	1/8	1,232.24	1/8	1,342.75	1/8	1,453.26	1/8	1,563.77	1/8	1,674.28	1/8	1,784.79	1/8	1,895.31	1/8	2,005.82	1/8	2,116.33
1/4	1,124.04	1/4	1,234.54	1/4	1,345.06	1/4	1,455.56	1/4	1,566.08	1/4	1,676.58	1/4	1,787.10	1/4	1,897.61	1/4	2,008.12	1/4	2,118.63
3/8	1,126.34	3/8	1,236.85	3/8	1,347.36	3/8	1,457.87	3/8	1,568.38	3/8	1,678.89	3/8	1,789.40	3/8	1,899.91	3/8	2,010.42	3/8	2,120.93
1/2	1,128.64	1/2	1,239.15	1/2	1,349.66	1/2	1,460.17	1/2	1,570.68	1/2	1,681.19	1/2	1,791.70	1/2	1,902.21	1/2	2,012.72	1/2	2,123.23
5/8	1,130.94	5/8	1,241.45	5/8	1,351.96	5/8	1,462.47	5/8	1,572.98	5/8	1,683.49	5/8	1,794.00	5/8	1,904.52	5/8	2,015.03	5/8	2,125.54
3/4	1,133.25	3/4	1,243.75	3/4	1,354.27	3/4	1,464.77	3/4	1,575.29	3/4	1,685.79	3/4	1,796.31	3/4	1,906.82	3/4	2,017.33	3/4	2,127.84
7/8	1,135.55	7/8	1,246.06	7/8	1,356.57	7/8	1,467.08	7/8	1,577.59	7/8	1,688.10	7/8	1,798.61	7/8	1,909.12	7/8	2,019.63	7/8	2,130.14
5	1,137.85	11	1,248.36	5	1,358.87	11	1,469.38	5	1,579.89	11	1,690.40	5	1,800.91	11	1,911.42	5	2,021.93	11	2,132.44
1/8	1,140.15	1/8	1,250.66	1/8	1,361.17	1/8	1,471.68	1/8	1,582.19	1/8	1,692.70	1/8	1,803.21	1/8	1,913.72	1/8	2,024.23	1/8	2,134.74
1/4	1,142.46	1/4	1,252.96	1/4	1,363.48	1/4	1,473.98	1/4	1,584.50	1/4	1,695.00	1/4	1,805.52	1/4	1,916.02	1/4	2,026.54	1/4	2,137.04
3/8	1,144.76	3/8	1,255.27	3/8	1,365.78	3/8	1,476.29	3/8	1,586.80	3/8	1,697.31	3/8	1,807.82	3/8	1,918.33	3/8	2,028.84	3/8	2,139.35
1/2	1,147.06	1/2	1,257.57	1/2	1,368.08	1/2	1,478.59	1/2	1,589.10	1/2	1,699.61	1/2	1,810.12	1/2	1,920.63	1/2	2,031.14	1/2	2,141.65
5/8	1,149.36	5/8	1,259.87	5/8	1,370.38	5/8	1,480.89	5/8	1,591.40	5/8	1,701.91	5/8	1,812.42	5/8	1,922.93	5/8	2,033.44	5/8	2,143.95
3/4	1,151.67	3/4	1,262.17	3/4	1,372.69	3/4	1,483.19	3/4	1,593.71	3/4	1,704.21	3/4	1,814.73	3/4	1,925.23	3/4	2,035.75	3/4	2,146.25
7/8	1,153.97	7/8	1,264.48	7/8	1,374.99	7/8	1,485.50	7/8	1,596.01	7/8	1,706.52	7/8	1,817.03	7/8	1,927.54	7/8	2,038.05	7/8	2,148.56

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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BARGE "PBL 3421"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-09 3/4"

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	2,150.86	6	2,261.37	0	2,371.88	6	2,482.39	0	2,592.90	6	2,703.41	0	2,813.93	6	2,910.60	0		6	
1/8	2,153.16	1/8	2,263.67	1/8	2,374.18	1/8	2,484.69	1/8	2,595.20	1/8	2,705.71	1/8	2,816.23	1/8	2,911.56	1/8		1/8	
1/4	2,155.46	1/4	2,265.98	1/4	2,376.48	1/4	2,486.99	1/4	2,597.50	1/4	2,708.01	1/4	2,818.53	1/4	2,912.52	1/4		1/4	
3/8	2,157.77	3/8	2,268.28	3/8	2,378.79	3/8	2,489.30	3/8	2,599.81	3/8	2,710.32	3/8	2,820.83	3/8	2,913.48	3/8		3/8	
1/2	2,160.07	1/2	2,270.58	1/2	2,381.09	1/2	2,491.60	1/2	2,602.11	1/2	2,712.62	1/2	2,823.13	1/2	2,914.43	1/2		1/2	
5/8	2,162.37	5/8	2,272.88	5/8	2,383.39	5/8	2,493.90	5/8	2,604.41	5/8	2,714.92	5/8	2,825.44	5/8	2,915.39	5/8		5/8	
3/4	2,164.67	3/4	2,275.19	3/4	2,385.69	3/4	2,496.20	3/4	2,606.71	3/4	2,717.22	3/4	2,827.74	3/4	2,916.35	3/4		3/4	
7/8	2,166.98	7/8	2,277.49	7/8	2,388.00	7/8	2,498.51	7/8	2,609.02	7/8	2,719.53	7/8	2,830.04	7/8	2,917.31	7/8		7/8	
1	2,169.28	7	2,279.79	1	2,390.30	7	2,500.81	1	2,611.32	7	2,721.83	1	2,832.34	7	2,918.27	1		7	
1/8	2,171.58	1/8	2,282.09	1/8	2,392.60	1/8	2,503.11	1/8	2,613.62	1/8	2,724.13	1/8	2,834.64	1/8	2,918.84	1/8		1/8	
1/4	2,173.88	1/4	2,284.39	1/4	2,394.90	1/4	2,505.41	1/4	2,615.92	1/4	2,726.43	1/4	2,836.94	1/4	2,919.42	1/4		1/4	
3/8	2,176.19	3/8	2,286.70	3/8	2,397.21	3/8	2,507.72	3/8	2,618.23	3/8	2,728.74	3/8	2,839.25	3/8	2,919.99	3/8		3/8	
1/2	2,178.49	1/2	2,289.00	1/2	2,399.51	1/2	2,510.02	1/2	2,620.53	1/2	2,731.04	1/2	2,841.55	1/2	2,920.57	1/2		1/2	
5/8	2,180.79	5/8	2,291.30	5/8	2,401.81	5/8	2,512.32	5/8	2,622.83	5/8	2,733.34	5/8	2,843.85	5/8	2,921.14	5/8		5/8	
3/4	2,183.09	3/4	2,293.60	3/4	2,404.11	3/4	2,514.62	3/4	2,625.13	3/4	2,735.64	3/4	2,846.15	3/4	2,921.72	3/4		3/4	
7/8	2,185.40	7/8	2,295.91	7/8	2,406.42	7/8	2,516.93	7/8	2,627.44	7/8	2,737.95	7/8	2,848.46	7/8	2,922.29	7/8		7/8	
2	2,187.70	8	2,298.21	2	2,408.72	8	2,519.23	2	2,629.74	8	2,740.25	2	2,850.76	8	2,922.87	2		8	
1/8	2,190.00	1/8	2,300.51	1/8	2,411.02	1/8	2,521.53	1/8	2,632.04	1/8	2,742.55	1/8	2,853.06	1/8	2,923.06	1/8		1/8	
1/4	2,192.30	1/4	2,302.81	1/4	2,413.32	1/4	2,523.83	1/4	2,634.34	1/4	2,744.85	1/4	2,855.36	1/4	2,923.25	1/4		1/4	
3/8	2,194.61	3/8	2,305.12	3/8	2,415.63	3/8	2,526.14	3/8	2,636.65	3/8	2,747.16	3/8	2,857.67	3/8	2,923.44	3/8		3/8	
1/2	2,196.91	1/2	2,307.42	1/2	2,417.93	1/2	2,528.44	1/2	2,638.95	1/2	2,749.46	1/2	2,859.97	1/2	2,923.64	1/2		1/2	
5/8	2,199.21	5/8	2,309.72	5/8	2,420.23	5/8	2,530.74	5/8	2,641.25	5/8	2,751.76	5/8	2,862.27	5/8	2,923.83	5/8		5/8	
3/4	2,201.51	3/4	2,312.02	3/4	2,422.53	3/4	2,533.04	3/4	2,643.55	3/4	2,754.06	3/4	2,864.57	3/4	2,924.02	3/4		3/4	
7/8	2,203.82	7/8	2,314.33	7/8	2,424.84	7/8	2,535.35	7/8	2,645.86	7/8	2,756.37	7/8	2,866.88	7/8		7/8		7/8	
3	2,206.12	9	2,316.63	3	2,427.14	9	2,537.65	3	2,648.16	9	2,758.67	3	2,869.18	9		3		9	
1/8	2,208.42	1/8	2,318.93	1/8	2,429.44	1/8	2,539.95	1/8	2,650.46	1/8	2,760.97	1/8	2,871.29	1/8		1/8		1/8	
1/4	2,210.72	1/4	2,321.23	1/4	2,431.74	1/4	2,542.25	1/4	2,652.76	1/4	2,763.27	1/4	2,873.39	1/4		1/4		1/4	
3/8	2,213.03	3/8	2,323.54	3/8	2,434.05	3/8	2,544.56	3/8	2,655.07	3/8	2,765.58	3/8	2,875.50	3/8		3/8		3/8	
1/2	2,215.33	1/2	2,325.84	1/2	2,436.35	1/2	2,546.86	1/2	2,657.37	1/2	2,767.88	1/2	2,877.61	1/2		1/2		1/2	
5/8	2,217.63	5/8	2,328.14	5/8	2,438.65	5/8	2,549.16	5/8	2,659.67	5/8	2,770.18	5/8	2,879.72	5/8		5/8		5/8	
3/4	2,219.93	3/4	2,330.44	3/4	2,440.95	3/4	2,551.46	3/4	2,661.97	3/4	2,772.48	3/4	2,881.82	3/4		3/4		3/4	
7/8	2,222.24	7/8	2,332.75	7/8	2,443.26	7/8	2,553.77	7/8	2,664.28	7/8	2,774.79	7/8	2,883.93	7/8		7/8		7/8	
4	2,224.54	10	2,335.05	4	2,445.56	10	2,556.07	4	2,666.58	10	2,777.09	4	2,886.04	10		4		10	
1/8	2,226.84	1/8	2,337.35	1/8	2,447.86	1/8	2,558.37	1/8	2,668.88	1/8	2,779.39	1/8	2,887.77	1/8		1/8		1/8	
1/4	2,229.14	1/4	2,339.65	1/4	2,450.16	1/4	2,560.67	1/4	2,671.18	1/4	2,781.69	1/4	2,889.49	1/4		1/4		1/4	
3/8	2,231.44	3/8	2,341.96	3/8	2,452.47	3/8	2,562.98	3/8	2,673.49	3/8	2,784.00	3/8	2,891.22	3/8		3/8		3/8	
1/2	2,233.74	1/2	2,344.26	1/2	2,454.77	1/2	2,565.28	1/2	2,675.79	1/2	2,786.30	1/2	2,892.95	1/2		1/2		1/2	
5/8	2,236.05	5/8	2,346.56	5/8	2,457.07	5/8	2,567.58	5/8	2,678.09	5/8	2,788.60	5/8	2,894.68	5/8		5/8		5/8	
3/4	2,238.35	3/4	2,348.86	3/4	2,459.37	3/4	2,569.88	3/4	2,680.39	3/4	2,790.90	3/4	2,896.40	3/4		3/4		3/4	
7/8	2,240.65	7/8	2,351.17	7/8	2,461.68	7/8	2,572.19	7/8	2,682.70	7/8	2,793.21	7/8	2,898.13	7/8		7/8		7/8	
5	2,242.95	11	2,353.47	5	2,463.98	11	2,574.49	5	2,685.00	11	2,795.51	5	2,899.86	11		5		11	
1/8	2,245.25	1/8	2,355.77	1/8	2,466.28	1/8	2,576.79	1/8	2,687.30	1/8	2,797.81	1/8	2,901.20	1/8		1/8		1/8	
1/4	2,247.56	1/4	2,358.07	1/4	2,468.58	1/4	2,579.09	1/4	2,689.60	1/4	2,800.11	1/4	2,902.54	1/4		1/4		1/4	
3/8	2,249.86	3/8	2,360.37	3/8	2,470.88	3/8	2,581.39	3/8	2,691.90	3/8	2,802.42	3/8	2,903.89	3/8		3/8		3/8	
1/2	2,252.16	1/2	2,362.67	1/2	2,473.18	1/2	2,583.69	1/2	2,694.20	1/2	2,804.72	1/2	2,905.23	1/2		1/2		1/2	
5/8	2,254.46	5/8	2,364.98	5/8	2,475.49	5/8	2,586.00	5/8	2,696.51	5/8	2,807.02	5/8	2,906.57	5/8		5/8		5/8	
3/4	2,256.77	3/4	2,367.28	3/4	2,477.79	3/4	2,588.30	3/4	2,698.81	3/4	2,809.32	3/4	2,907.91	3/4		3/4		3/4	
7/8	2,259.07	7/8	2,369.58	7/8	2,480.09	7/8	2,590.60	7/8	2,701.11	7/8	2,811.63	7/8	2,909.26	7/8		7/8		7/8	

STRAPPED: 01/15/2013 SI
RECALCULATED: 05/16/2023 SW
REPRINTED: 05/16/2023 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092

Pearland, Texas 77588

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BARGE "PBL 3421"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

Gauge Height 16'-10 1/4"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	0.47	6	121.46	0	367.93	6	619.30	0	870.67	6	1,122.04	0	1,372.81	6	1,623.09	0	1,874.32	6	2,125.68
1/8	0.91	1/8	126.14	1/8	373.17	1/8	624.54	1/8	875.91	1/8	1,127.27	1/8	1,378.03	1/8	1,628.32	1/8	1,879.56	1/8	2,130.92
1/4	1.34	1/4	130.82	1/4	378.41	1/4	629.77	1/4	881.15	1/4	1,132.49	1/4	1,383.24	1/4	1,633.55	1/4	1,884.79	1/4	2,136.15
3/8	1.78	3/8	135.50	3/8	383.64	3/8	635.01	3/8	886.38	3/8	1,137.72	3/8	1,388.46	3/8	1,638.77	3/8	1,890.03	3/8	2,141.39
1/2	2.21	1/2	140.18	1/2	388.88	1/2	640.25	1/2	891.62	1/2	1,142.94	1/2	1,393.67	1/2	1,644.00	1/2	1,895.26	1/2	2,146.63
5/8	2.65	5/8	144.87	5/8	394.12	5/8	645.49	5/8	896.86	5/8	1,148.17	5/8	1,398.89	5/8	1,649.23	5/8	1,900.50	5/8	2,151.87
3/4	3.08	3/4	149.55	3/4	399.36	3/4	650.72	3/4	902.10	3/4	1,153.40	3/4	1,404.11	3/4	1,654.46	3/4	1,905.74	3/4	2,157.10
7/8	3.52	7/8	154.23	7/8	404.59	7/8	655.96	7/8	907.33	7/8	1,158.62	7/8	1,409.32	7/8	1,659.68	7/8	1,910.97	7/8	2,162.34
1	3.95	7	158.91	1	409.83	7	661.20	1	912.57	7	1,163.85	1	1,414.54	7	1,664.91	1	1,916.21	7	2,167.58
1/8	5.26	1/8	164.12	1/8	415.07	1/8	666.44	1/8	917.81	1/8	1,169.07	1/8	1,419.75	1/8	1,670.14	1/8	1,921.45	1/8	2,172.82
1/4	6.57	1/4	169.32	1/4	420.30	1/4	671.67	1/4	923.04	1/4	1,174.30	1/4	1,424.97	1/4	1,675.37	1/4	1,926.69	1/4	2,178.05
3/8	7.88	3/8	174.53	3/8	425.54	3/8	676.91	3/8	928.28	3/8	1,179.52	3/8	1,430.18	3/8	1,680.60	3/8	1,931.92	3/8	2,183.29
1/2	9.18	1/2	179.73	1/2	430.77	1/2	682.14	1/2	933.51	1/2	1,184.74	1/2	1,435.39	1/2	1,685.82	1/2	1,937.16	1/2	2,188.52
5/8	10.49	5/8	184.94	5/8	436.01	5/8	687.38	5/8	938.75	5/8	1,189.97	5/8	1,440.61	5/8	1,691.05	5/8	1,942.40	5/8	2,193.76
3/4	11.80	3/4	190.14	3/4	441.25	3/4	692.62	3/4	943.99	3/4	1,195.19	3/4	1,445.82	3/4	1,696.28	3/4	1,947.64	3/4	2,199.00
7/8	13.11	7/8	195.35	7/8	446.48	7/8	697.85	7/8	949.22	7/8	1,200.42	7/8	1,451.04	7/8	1,701.51	7/8	1,952.87	7/8	2,204.23
2	14.42	8	200.55	2	451.72	8	703.09	2	954.46	8	1,205.64	2	1,456.25	8	1,706.74	2	1,958.11	8	2,209.47
1/8	16.57	1/8	205.77	1/8	456.96	1/8	708.33	1/8	959.70	1/8	1,210.86	1/8	1,461.46	1/8	1,711.98	1/8	1,963.35	1/8	2,214.71
1/4	18.72	1/4	210.99	1/4	462.19	1/4	713.57	1/4	964.93	1/4	1,216.09	1/4	1,466.68	1/4	1,717.21	1/4	1,968.58	1/4	2,219.95
3/8	20.88	3/8	216.21	3/8	467.43	3/8	718.80	3/8	970.17	3/8	1,221.31	3/8	1,471.89	3/8	1,722.45	3/8	1,973.82	3/8	2,225.18
1/2	23.03	1/2	221.43	1/2	472.67	1/2	724.04	1/2	975.41	1/2	1,226.53	1/2	1,477.11	1/2	1,727.68	1/2	1,979.05	1/2	2,230.42
5/8	25.18	5/8	226.66	5/8	477.91	5/8	729.28	5/8	980.65	5/8	1,231.76	5/8	1,482.32	5/8	1,732.92	5/8	1,984.29	5/8	2,235.66
3/4	27.33	3/4	231.88	3/4	483.14	3/4	734.52	3/4	985.88	3/4	1,236.98	3/4	1,487.53	3/4	1,738.16	3/4	1,989.53	3/4	2,240.90
7/8	29.49	7/8	237.10	7/8	488.38	7/8	739.75	7/8	991.12	7/8	1,242.21	7/8	1,492.75	7/8	1,743.39	7/8	1,994.76	7/8	2,246.13
3	31.64	9	242.32	3	493.62	9	744.99	3	996.36	9	1,247.43	3	1,497.96	9	1,748.63	3	2,000.00	9	2,251.37
1/8	34.67	1/8	247.55	1/8	498.86	1/8	750.23	1/8	1,001.60	1/8	1,252.65	1/8	1,503.17	1/8	1,753.87	1/8	2,005.24	1/8	2,256.61
1/4	37.69	1/4	252.78	1/4	504.09	1/4	755.46	1/4	1,006.83	1/4	1,257.88	1/4	1,508.39	1/4	1,759.11	1/4	2,010.47	1/4	2,261.84
3/8	40.72	3/8	258.01	3/8	509.33	3/8	760.70	3/8	1,012.07	3/8	1,263.10	3/8	1,513.60	3/8	1,764.34	3/8	2,015.71	3/8	2,267.08
1/2	43.74	1/2	263.24	1/2	514.56	1/2	765.93	1/2	1,017.30	1/2	1,268.32	1/2	1,518.82	1/2	1,769.58	1/2	2,020.94	1/2	2,272.31
5/8	46.77	5/8	268.48	5/8	519.80	5/8	771.17	5/8	1,022.54	5/8	1,273.55	5/8	1,524.03	5/8	1,774.82	5/8	2,026.18	5/8	2,277.55
3/4	49.80	3/4	273.71	3/4	525.04	3/4	776.41	3/4	1,027.78	3/4	1,278.77	3/4	1,529.24	3/4	1,780.06	3/4	2,031.42	3/4	2,282.79
7/8	52.82	7/8	278.94	7/8	530.27	7/8	781.64	7/8	1,033.01	7/8	1,284.00	7/8	1,534.46	7/8	1,785.29	7/8	2,036.65	7/8	2,288.02
4	55.85	10	284.17	4	535.51	10	786.88	4	1,038.25	10	1,289.22	4	1,539.67	10	1,790.53	4	2,041.89	10	2,293.26
1/8	59.75	1/8	289.40	1/8	540.75	1/8	792.12	1/8	1,043.49	1/8	1,294.44	1/8	1,544.88	1/8	1,795.77	1/8	2,047.13	1/8	2,298.50
1/4	63.65	1/4	294.64	1/4	545.99	1/4	797.35	1/4	1,048.73	1/4	1,299.67	1/4	1,550.10	1/4	1,801.00	1/4	2,052.36	1/4	2,303.73
3/8	67.55	3/8	299.87	3/8	551.22	3/8	802.59	3/8	1,053.96	3/8	1,304.89	3/8	1,555.31	3/8	1,806.24	3/8	2,057.60	3/8	2,308.97
1/2	71.45	1/2	305.10	1/2	556.46	1/2	807.83	1/2	1,059.20	1/2	1,310.11	1/2	1,560.53	1/2	1,811.47	1/2	2,062.84	1/2	2,314.21
5/8	75.35	5/8	310.34	5/8	561.70	5/8	813.07	5/8	1,064.44	5/8	1,315.34	5/8	1,565.74	5/8	1,816.71	5/8	2,068.08	5/8	2,319.45
3/4	79.25	3/4	315.57	3/4	566.94	3/4	818.30	3/4	1,069.68	3/4	1,320.56	3/4	1,570.95	3/4	1,821.95	3/4	2,073.31	3/4	2,324.68
7/8	83.15	7/8	320.81	7/8	572.17	7/8	823.54	7/8	1,074.91	7/8	1,325.78	7/8	1,576.17	7/8	1,827.18	7/8	2,078.55	7/8	2,329.92
5	87.05	11	326.04	5	577.41	11	828.78	5	1,080.15	11	1,331.01	5	1,581.38	11	1,832.42	5	2,083.79	11	2,335.16
1/8	91.35	1/8	331.28	1/8	582.65	1/8	834.02	1/8	1,085.39	1/8	1,336.23	1/8	1,586.60	1/8	1,837.66	1/8	2,089.03	1/8	2,340.40
1/4	95.65	1/4	336.51	1/4	587.88	1/4	839.25	1/4	1,090.62	1/4	1,341.46	1/4	1,591.81	1/4	1,842.89	1/4	2,094.26	1/4	2,345.63
3/8	99.95	3/8	341.75	3/8	593.12	3/8	844.49	3/8	1,095.86	3/8	1,346.68	3/8	1,597.02	3/8	1,848.13	3/8	2,099.50	3/8	2,350.87
1/2	104.25	1/2	346.98	1/2	598.35	1/2	849.72	1/2	1,101.09	1/2	1,351.91	1/2	1,602.24	1/2	1,853.37	1/2	2,104.73	1/2	2,356.10
5/8	108.56	5/8	352.22	5/8	603.59	5/8	854.96	5/8	1,106.33	5/8	1,357.13	5/8	1,607.45	5/8	1,858.61	5/8	2,109.97	5/8	2,361.34
3/4	112.86	3/4	357.46	3/4	608.83	3/4	860.20	3/4	1,111.57	3/4	1,362.36	3/4	1,612.66	3/4	1,863.84	3/4	2,115.21	3/4	2,366.58
7/8	117.16	7/8	362.69	7/8	614.06	7/8	865.43	7/8	1,116.80	7/8	1,367.58	7/8	1,617.88	7/8	1,869.08	7/8	2,120.44	7/8	2,371.81

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 THE TOP LIP 2" STANDPIPE.

GAUGE POINT: (2" STANDPIPE) LOCATED 00'-06" OFF CENTERLINE AND 21'-09" 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 "PBL 3421"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 1/4"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	2,377.05	6	2,628.42	0	2,879.79	6	3,131.16	0	3,382.53	6	3,633.90	0	3,885.27	6	4,136.63	0	4,388.00	6	4,639.37
1/8	2,382.29	1/8	2,633.66	1/8	2,885.03	1/8	3,136.40	1/8	3,387.77	1/8	3,639.14	1/8	3,890.51	1/8	4,141.87	1/8	4,393.24	1/8	4,644.61
1/4	2,387.53	1/4	2,638.89	1/4	2,890.27	1/4	3,141.63	1/4	3,393.00	1/4	3,644.37	1/4	3,895.74	1/4	4,147.10	1/4	4,398.47	1/4	4,649.85
3/8	2,392.76	3/8	2,644.13	3/8	2,895.50	3/8	3,146.87	3/8	3,398.24	3/8	3,649.61	3/8	3,900.98	3/8	4,152.34	3/8	4,403.71	3/8	4,655.08
1/2	2,398.00	1/2	2,649.37	1/2	2,900.74	1/2	3,152.10	1/2	3,403.47	1/2	3,654.84	1/2	3,906.21	1/2	4,157.58	1/2	4,408.95	1/2	4,660.32
5/8	2,403.24	5/8	2,654.61	5/8	2,905.98	5/8	3,157.34	5/8	3,408.71	5/8	3,660.08	5/8	3,911.45	5/8	4,162.82	5/8	4,414.19	5/8	4,665.56
3/4	2,408.48	3/4	2,659.84	3/4	2,911.22	3/4	3,162.58	3/4	3,413.95	3/4	3,665.32	3/4	3,916.69	3/4	4,168.05	3/4	4,419.42	3/4	4,670.80
7/8	2,413.71	7/8	2,665.08	7/8	2,916.45	7/8	3,167.81	7/8	3,419.18	7/8	3,670.55	7/8	3,921.92	7/8	4,173.29	7/8	4,424.66	7/8	4,676.03
1	2,418.95	7	2,670.32	1	2,921.69	7	3,173.05	1	3,424.42	7	3,675.79	1	3,927.16	7	4,178.53	1	4,429.90	7	4,681.27
1/8	2,424.19	1/8	2,675.56	1/8	2,926.93	1/8	3,178.29	1/8	3,429.66	1/8	3,681.03	1/8	3,932.40	1/8	4,183.77	1/8	4,435.14	1/8	4,686.51
1/4	2,429.42	1/4	2,680.79	1/4	2,932.16	1/4	3,183.53	1/4	3,434.89	1/4	3,686.27	1/4	3,937.63	1/4	4,189.00	1/4	4,440.37	1/4	4,691.74
3/8	2,434.66	3/8	2,686.03	3/8	2,937.40	3/8	3,188.76	3/8	3,440.13	3/8	3,691.50	3/8	3,942.87	3/8	4,194.24	3/8	4,445.61	3/8	4,696.98
1/2	2,439.89	1/2	2,691.26	1/2	2,942.63	1/2	3,194.00	1/2	3,445.37	1/2	3,696.74	1/2	3,948.11	1/2	4,199.47	1/2	4,450.84	1/2	4,702.21
5/8	2,445.13	5/8	2,696.50	5/8	2,947.87	5/8	3,199.24	5/8	3,450.61	5/8	3,701.98	5/8	3,953.35	5/8	4,204.71	5/8	4,456.08	5/8	4,707.45
3/4	2,450.37	3/4	2,701.74	3/4	2,953.11	3/4	3,204.48	3/4	3,455.84	3/4	3,707.22	3/4	3,958.58	3/4	4,209.95	3/4	4,461.32	3/4	4,712.69
7/8	2,455.60	7/8	2,707.97	7/8	2,958.34	7/8	3,209.71	7/8	3,461.08	7/8	3,712.45	7/8	3,963.82	7/8	4,215.18	7/8	4,466.55	7/8	4,717.92
2	2,460.84	8	2,712.21	2	2,963.58	8	3,214.95	2	3,466.32	8	3,717.69	2	3,969.06	8	4,220.42	2	4,471.79	8	4,723.16
1/8	2,466.08	1/8	2,717.45	1/8	2,968.82	1/8	3,220.19	1/8	3,471.56	1/8	3,722.93	1/8	3,974.30	1/8	4,225.66	1/8	4,477.03	1/8	4,728.40
1/4	2,471.31	1/4	2,722.69	1/4	2,974.05	1/4	3,225.42	1/4	3,476.79	1/4	3,728.16	1/4	3,979.53	1/4	4,230.89	1/4	4,482.27	1/4	4,733.63
3/8	2,476.55	3/8	2,727.92	3/8	2,979.29	3/8	3,230.66	3/8	3,482.03	3/8	3,733.40	3/8	3,984.77	3/8	4,236.13	3/8	4,487.50	3/8	4,738.87
1/2	2,481.79	1/2	2,733.16	1/2	2,984.53	1/2	3,235.89	1/2	3,487.26	1/2	3,738.63	1/2	3,990.00	1/2	4,241.37	1/2	4,492.74	1/2	4,744.11
5/8	2,487.03	5/8	2,738.40	5/8	2,989.77	5/8	3,241.13	5/8	3,492.50	5/8	3,743.87	5/8	3,995.24	5/8	4,246.61	5/8	4,497.98	5/8	4,749.35
3/4	2,492.26	3/4	2,743.64	3/4	2,995.00	3/4	3,246.37	3/4	3,497.74	3/4	3,749.11	3/4	4,000.48	3/4	4,251.84	3/4	4,503.22	3/4	4,754.58
7/8	2,497.50	7/8	2,748.87	7/8	3,000.24	7/8	3,251.60	7/8	3,502.97	7/8	3,754.34	7/8	4,005.71	7/8	4,257.08	7/8	4,508.45	7/8	4,759.82
3	2,502.74	9	2,754.11	3	3,005.48	9	3,256.84	3	3,508.21	9	3,759.58	3	4,010.95	9	4,262.32	3	4,513.69	9	4,765.06
1/8	2,507.98	1/8	2,759.35	1/8	3,010.72	1/8	3,262.08	1/8	3,513.45	1/8	3,764.82	1/8	4,016.19	1/8	4,267.56	1/8	4,518.93	1/8	4,770.30
1/4	2,513.21	1/4	2,764.58	1/4	3,015.95	1/4	3,267.31	1/4	3,518.69	1/4	3,770.05	1/4	4,021.43	1/4	4,272.79	1/4	4,524.16	1/4	4,775.53
3/8	2,518.45	3/8	2,769.82	3/8	3,021.19	3/8	3,272.55	3/8	3,523.92	3/8	3,775.29	3/8	4,026.66	3/8	4,278.03	3/8	4,529.40	3/8	4,780.77
1/2	2,523.68	1/2	2,775.05	1/2	3,026.42	1/2	3,277.79	1/2	3,529.16	1/2	3,780.53	1/2	4,031.90	1/2	4,283.26	1/2	4,534.63	1/2	4,786.00
5/8	2,528.92	5/8	2,780.29	5/8	3,031.66	5/8	3,283.03	5/8	3,534.40	5/8	3,785.77	5/8	4,037.14	5/8	4,288.50	5/8	4,539.87	5/8	4,791.24
3/4	2,534.16	3/4	2,785.53	3/4	3,036.90	3/4	3,288.26	3/4	3,539.64	3/4	3,791.00	3/4	4,042.38	3/4	4,293.74	3/4	4,545.11	3/4	4,796.48
7/8	2,539.39	7/8	2,790.76	7/8	3,042.13	7/8	3,293.50	7/8	3,544.87	7/8	3,796.24	7/8	4,047.61	7/8	4,298.97	7/8	4,550.34	7/8	4,801.71
4	2,544.63	10	2,796.00	4	3,047.37	10	3,298.74	4	3,550.11	10	3,801.48	4	4,052.85	10	4,304.21	4	4,555.58	10	4,806.95
1/8	2,549.87	1/8	2,801.24	1/8	3,052.61	1/8	3,303.98	1/8	3,555.35	1/8	3,806.72	1/8	4,058.09	1/8	4,309.45	1/8	4,560.82	1/8	4,812.19
1/4	2,555.11	1/4	2,806.47	1/4	3,057.84	1/4	3,309.21	1/4	3,560.58	1/4	3,811.95	1/4	4,063.32	1/4	4,314.69	1/4	4,566.05	1/4	4,817.43
3/8	2,560.34	3/8	2,811.71	3/8	3,063.08	3/8	3,314.45	3/8	3,565.82	3/8	3,817.19	3/8	4,068.56	3/8	4,319.92	3/8	4,571.29	3/8	4,822.66
1/2	2,565.58	1/2	2,816.95	1/2	3,068.32	1/2	3,319.68	1/2	3,571.05	1/2	3,822.42	1/2	4,073.79	1/2	4,325.16	1/2	4,576.53	1/2	4,827.90
5/8	2,570.82	5/8	2,822.19	5/8	3,073.55	5/8	3,324.92	5/8	3,576.29	5/8	3,827.66	5/8	4,079.03	5/8	4,330.40	5/8	4,581.77	5/8	4,833.14
3/4	2,576.06	3/4	2,827.42	3/4	3,078.79	3/4	3,330.16	3/4	3,581.53	3/4	3,832.90	3/4	4,084.27	3/4	4,335.64	3/4	4,587.00	3/4	4,838.38
7/8	2,581.29	7/8	2,832.66	7/8	3,084.02	7/8	3,335.39	7/8	3,586.76	7/8	3,838.13	7/8	4,089.50	7/8	4,340.87	7/8	4,592.24	7/8	4,843.61
5	2,586.53	11	2,837.90	5	3,089.26	11	3,340.63	5	3,592.00	11	3,843.37	5	4,094.74	11	4,346.11	5	4,597.48	11	4,848.85
1/8	2,591.77	1/8	2,843.14	1/8	3,094.50	1/8	3,345.87	1/8	3,597.24	1/8	3,848.61	1/8	4,099.98	1/8	4,351.35	1/8	4,602.72	1/8	4,854.09
1/4	2,597.00	1/4	2,848.37	1/4	3,099.74	1/4	3,351.11	1/4	3,602.47	1/4	3,853.85	1/4	4,105.21	1/4	4,356.58	1/4	4,607.95	1/4	4,859.32
3/8	2,602.24	3/8	2,853.61	3/8	3,104.97	3/8	3,356.34	3/8	3,607.71	3/8	3,859.08	3/8	4,110.45	3/8	4,361.82	3/8	4,613.19	3/8	4,864.56
1/2	2,607.47	1/2	2,858.84	1/2	3,110.21	1/2	3,361.58	1/2	3,612.95	1/2	3,864.32	1/2	4,115.68	1/2	4,367.05	1/2	4,618.42	1/2	4,869.79
5/8	2,612.71	5/8	2,864.08	5/8	3,115.45	5/8	3,366.82	5/8	3,618.19	5/8	3,869.56	5/8	4,120.92	5/8	4,372.29	5/8	4,623.66	5/8	4,875.03
3/4	2,617.95	3/4	2,869.32	3/4	3,120.68	3/4	3,372.06	3/4	3,623.42	3/4	3,874.80	3/4	4,126.16	3/4	4,377.53	3/4	4,628.90	3/4	4,880.27
7/8	2,623.18	7/8	2,874.55	7/8	3,125.92	7/8	3,377.29	7/8	3,628.66	7/8	3,880.03	7/8	4,131.39	7/8	4,382.76	7/8	4,634.13	7/8	4,885.50

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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BARGE "PBL 3421"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 1/4"

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	4,890.74	6	5,142.11	0	5,393.49	6	5,644.86	0	5,896.24	6	6,147.62	0	6,398.99	6	6,636.40	0		6	
1/8	4,895.98	1/8	5,147.35	1/8	5,398.73	1/8	5,650.10	1/8	5,901.48	1/8	6,152.86	1/8	6,404.23	1/8	6,639.45	1/8		1/8	
1/4	4,901.21	1/4	5,152.59	1/4	5,403.96	1/4	5,655.33	1/4	5,906.71	1/4	6,158.09	1/4	6,409.47	1/4	6,642.50	1/4		1/4	
3/8	4,906.45	3/8	5,157.82	3/8	5,409.20	3/8	5,660.57	3/8	5,911.95	3/8	6,163.33	3/8	6,414.70	3/8	6,645.56	3/8		3/8	
1/2	4,911.69	1/2	5,163.06	1/2	5,414.43	1/2	5,665.81	1/2	5,917.19	1/2	6,168.56	1/2	6,419.94	1/2	6,648.61	1/2		1/2	
5/8	4,916.93	5/8	5,168.30	5/8	5,419.67	5/8	5,671.05	5/8	5,922.43	5/8	6,173.80	5/8	6,425.18	5/8	6,651.66	5/8		5/8	
3/4	4,922.16	3/4	5,173.54	3/4	5,424.91	3/4	5,676.28	3/4	5,927.66	3/4	6,179.04	3/4	6,430.42	3/4	6,654.71	3/4		3/4	
7/8	4,927.40	7/8	5,178.77	7/8	5,430.14	7/8	5,681.52	7/8	5,932.90	7/8	6,184.27	7/8	6,435.65	7/8	6,657.77	7/8		7/8	
1	4,932.64	7	5,184.01	1	5,435.38	7	5,686.76	1	5,938.14	7	6,189.51	1	6,440.89	7	6,660.82	1		7	
1/8	4,937.88	1/8	5,189.25	1/8	5,440.62	1/8	5,692.00	1/8	5,943.38	1/8	6,194.75	1/8	6,446.13	1/8	6,663.00	1/8		1/8	
1/4	4,943.11	1/4	5,194.48	1/4	5,445.85	1/4	5,697.23	1/4	5,948.61	1/4	6,199.99	1/4	6,451.36	1/4	6,665.18	1/4		1/4	
3/8	4,948.35	3/8	5,199.72	3/8	5,451.09	3/8	5,702.47	3/8	5,953.85	3/8	6,205.22	3/8	6,456.60	3/8	6,667.36	3/8		3/8	
1/2	4,953.58	1/2	5,204.95	1/2	5,456.33	1/2	5,707.71	1/2	5,959.08	1/2	6,210.46	1/2	6,461.83	1/2	6,669.53	1/2		1/2	
5/8	4,958.82	5/8	5,210.19	5/8	5,461.57	5/8	5,712.95	5/8	5,964.32	5/8	6,215.70	5/8	6,467.07	5/8	6,671.71	5/8		5/8	
3/4	4,964.06	3/4	5,215.43	3/4	5,466.80	3/4	5,718.18	3/4	5,969.56	3/4	6,220.94	3/4	6,472.31	3/4	6,673.89	3/4		3/4	
7/8	4,969.29	7/8	5,220.66	7/8	5,472.04	7/8	5,723.42	7/8	5,974.79	7/8	6,226.17	7/8	6,477.54	7/8	6,676.07	7/8		7/8	
2	4,974.53	8	5,225.90	2	5,477.28	8	5,728.66	2	5,980.03	8	6,231.41	2	6,482.78	8	6,678.25	2		8	
1/8	4,979.77	1/8	5,231.14	1/8	5,482.52	1/8	5,733.90	1/8	5,985.27	1/8	6,236.65	1/8	6,488.02	1/8	6,679.56	1/8		1/8	
1/4	4,985.01	1/4	5,236.37	1/4	5,487.75	1/4	5,739.13	1/4	5,990.51	1/4	6,241.88	1/4	6,493.25	1/4	6,680.87	1/4		1/4	
3/8	4,990.24	3/8	5,241.61	3/8	5,492.99	3/8	5,744.37	3/8	5,995.74	3/8	6,247.12	3/8	6,498.49	3/8	6,682.18	3/8		3/8	
1/2	4,995.48	1/2	5,246.85	1/2	5,498.23	1/2	5,749.60	1/2	6,000.98	1/2	6,252.35	1/2	6,503.73	1/2	6,683.48	1/2		1/2	
5/8	5,000.72	5/8	5,252.09	5/8	5,503.47	5/8	5,754.84	5/8	6,006.22	5/8	6,257.59	5/8	6,508.97	5/8	6,684.79	5/8		5/8	
3/4	5,005.96	3/4	5,257.32	3/4	5,508.70	3/4	5,760.08	3/4	6,011.46	3/4	6,262.83	3/4	6,514.20	3/4	6,686.10	3/4		3/4	
7/8	5,011.19	7/8	5,262.56	7/8	5,513.94	7/8	5,765.31	7/8	6,016.69	7/8	6,268.06	7/8	6,519.44	7/8	6,687.41	7/8		7/8	
3	5,016.43	9	5,267.80	3	5,519.18	9	5,770.55	3	6,021.93	9	6,273.30	3	6,524.68	9	6,688.72	3		9	
1/8	5,021.67	1/8	5,273.04	1/8	5,524.42	1/8	5,775.79	1/8	6,027.17	1/8	6,278.54	1/8	6,529.92	1/8	6,689.16	1/8		1/8	
1/4	5,026.90	1/4	5,278.27	1/4	5,529.65	1/4	5,781.03	1/4	6,032.40	1/4	6,283.77	1/4	6,535.15	1/4	6,689.60	1/4		1/4	
3/8	5,032.14	3/8	5,283.51	3/8	5,534.89	3/8	5,786.26	3/8	6,037.64	3/8	6,289.01	3/8	6,540.39	3/8		3/8		3/8	
1/2	5,037.37	1/2	5,288.75	1/2	5,540.12	1/2	5,791.50	1/2	6,042.87	1/2	6,294.25	1/2	6,545.63	1/2		1/2		1/2	
5/8	5,042.61	5/8	5,293.99	5/8	5,545.36	5/8	5,796.74	5/8	6,048.11	5/8	6,299.49	5/8	6,550.87	5/8		5/8		5/8	
3/4	5,047.85	3/4	5,299.22	3/4	5,550.60	3/4	5,801.98	3/4	6,053.35	3/4	6,304.72	3/4	6,556.10	3/4		3/4		3/4	
7/8	5,053.08	7/8	5,304.46	7/8	5,555.83	7/8	5,807.21	7/8	6,058.58	7/8	6,309.96	7/8	6,561.34	7/8		7/8		7/8	
4	5,058.32	10	5,309.70	4	5,561.07	10	5,812.45	4	6,063.82	10	6,315.20	4	6,566.58	10		4		10	
1/8	5,063.56	1/8	5,314.94	1/8	5,566.31	1/8	5,817.69	1/8	6,069.06	1/8	6,320.44	1/8	6,571.38	1/8		1/8		1/8	
1/4	5,068.79	1/4	5,320.17	1/4	5,571.55	1/4	5,822.92	1/4	6,074.29	1/4	6,325.67	1/4	6,576.18	1/4		1/4		1/4	
3/8	5,074.03	3/8	5,325.41	3/8	5,576.78	3/8	5,828.16	3/8	6,079.53	3/8	6,330.91	3/8	6,580.98	3/8		3/8		3/8	
1/2	5,079.27	1/2	5,330.64	1/2	5,582.02	1/2	5,833.39	1/2	6,084.77	1/2	6,336.15	1/2	6,585.78	1/2		1/2		1/2	
5/8	5,084.51	5/8	5,335.88	5/8	5,587.26	5/8	5,838.63	5/8	6,090.01	5/8	6,341.39	5/8	6,590.59	5/8		5/8		5/8	
3/4	5,089.74	3/4	5,341.12	3/4	5,592.50	3/4	5,843.87	3/4	6,095.24	3/4	6,346.62	3/4	6,595.39	3/4		3/4		3/4	
7/8	5,094.98	7/8	5,346.35	7/8	5,597.73	7/8	5,849.10	7/8	6,100.48	7/8	6,351.86	7/8	6,600.19	7/8		7/8		7/8	
5	5,100.22	11	5,351.59	5	5,602.97	11	5,854.34	5	6,105.72	11	6,357.10	5	6,604.99	11		5		11	
1/8	5,105.46	1/8	5,356.83	1/8	5,608.21	1/8	5,859.58	1/8	6,110.96	1/8	6,362.34	1/8	6,608.92	1/8		1/8		1/8	
1/4	5,110.69	1/4	5,362.07	1/4	5,613.44	1/4	5,864.81	1/4	6,116.19	1/4	6,367.57	1/4	6,612.84	1/4		1/4		1/4	
3/8	5,115.93	3/8	5,367.30	3/8	5,618.68	3/8	5,870.05	3/8	6,121.43	3/8	6,372.81	3/8	6,616.77	3/8		3/8		3/8	
1/2	5,121.16	1/2	5,372.54	1/2	5,623.91	1/2	5,875.29	1/2	6,126.67	1/2	6,378.04	1/2	6,620.69	1/2		1/2		1/2	
5/8	5,126.40	5/8	5,377.78	5/8	5,629.15	5/8	5,880.53	5/8	6,131.91	5/8	6,383.28	5/8	6,624.62	5/8		5/8		5/8	
3/4	5,131.64	3/4	5,383.02	3/4	5,634.39	3/4	5,885.76	3/4	6,137.14	3/4	6,388.52	3/4	6,628.55	3/4		3/4		3/4	
7/8	5,136.87	7/8	5,388.25	7/8	5,639.62	7/8	5,891.00	7/8	6,142.38	7/8	6,393.75	7/8	6,632.47	7/8		7/8		7/8	

STRAPPED: 01/15/2013 SI
RECALCULATED: 05/16/2023 SW
REPRINTED: 05/16/2023 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2023

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BARGE "PBL 3421"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-09 1/2"

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	6,991.95	6	7,351.31	0	7,710.66	6	8,070.02	0	8,429.38	6	8,788.74	0	9,148.09	6	9,462.53	0		6	
1/8	6,999.44	1/8	7,358.80	1/8	7,718.15	1/8	8,077.51	1/8	8,436.87	1/8	8,796.23	1/8	9,155.58	1/8	9,465.65	1/8		1/8	
1/4	7,006.92	1/4	7,366.28	1/4	7,725.63	1/4	8,084.99	1/4	8,444.35	1/4	8,803.71	1/4	9,163.06	1/4	9,468.76	1/4		1/4	
3/8	7,014.41	3/8	7,373.77	3/8	7,733.12	3/8	8,092.48	3/8	8,451.84	3/8	8,811.20	3/8	9,170.55	3/8	9,471.88	3/8		3/8	
1/2	7,021.89	1/2	7,381.26	1/2	7,740.61	1/2	8,099.97	1/2	8,459.32	1/2	8,818.68	1/2	9,178.03	1/2	9,475.00	1/2		1/2	
5/8	7,029.38	5/8	7,388.74	5/8	7,748.10	5/8	8,107.45	5/8	8,466.81	5/8	8,826.17	5/8	9,185.52	5/8	9,478.12	5/8		5/8	
3/4	7,036.87	3/4	7,396.23	3/4	7,755.58	3/4	8,114.94	3/4	8,474.30	3/4	8,833.66	3/4	9,193.01	3/4	9,481.23	3/4		3/4	
7/8	7,044.35	7/8	7,403.71	7/8	7,763.07	7/8	8,122.42	7/8	8,481.78	7/8	8,841.14	7/8	9,200.49	7/8	9,484.35	7/8		7/8	
1	7,051.84	7	7,411.20	1	7,770.56	7	8,129.91	1	8,489.27	7	8,848.63	1	9,207.98	7	9,487.47	1		7	
1/8	7,059.33	1/8	7,418.69	1/8	7,778.05	1/8	8,137.40	1/8	8,496.76	1/8	8,856.12	1/8	9,215.47	1/8	9,489.34	1/8		1/8	
1/4	7,066.81	1/4	7,426.17	1/4	7,785.53	1/4	8,144.89	1/4	8,504.24	1/4	8,863.60	1/4	9,222.95	1/4	9,491.21	1/4		1/4	
3/8	7,074.30	3/8	7,433.66	3/8	7,793.02	3/8	8,152.37	3/8	8,511.73	3/8	8,871.09	3/8	9,230.44	3/8	9,493.08	3/8		3/8	
1/2	7,081.79	1/2	7,441.15	1/2	7,800.50	1/2	8,159.86	1/2	8,519.21	1/2	8,878.58	1/2	9,237.93	1/2	9,494.95	1/2		1/2	
5/8	7,089.28	5/8	7,448.63	5/8	7,807.99	5/8	8,167.35	5/8	8,526.70	5/8	8,886.06	5/8	9,245.42	5/8	9,496.82	5/8		5/8	
3/4	7,096.76	3/4	7,456.12	3/4	7,815.48	3/4	8,174.84	3/4	8,534.19	3/4	8,893.55	3/4	9,252.90	3/4	9,498.69	3/4		3/4	
7/8	7,104.25	7/8	7,463.60	7/8	7,822.96	7/8	8,182.32	7/8	8,541.67	7/8	8,901.03	7/8	9,260.39	7/8	9,500.56	7/8		7/8	
2	7,111.74	8	7,471.09	2	7,830.45	8	8,189.81	2	8,549.16	8	8,908.52	2	9,267.88	8	9,502.43	2		8	
1/8	7,119.23	1/8	7,478.58	1/8	7,837.94	1/8	8,197.30	1/8	8,556.65	1/8	8,916.01	1/8	9,275.37	1/8	9,503.05	1/8		1/8	
1/4	7,126.71	1/4	7,486.07	1/4	7,845.42	1/4	8,204.78	1/4	8,564.13	1/4	8,923.49	1/4	9,282.85	1/4	9,503.67	1/4		1/4	
3/8	7,134.20	3/8	7,493.55	3/8	7,852.91	3/8	8,212.27	3/8	8,571.62	3/8	8,930.98	3/8	9,290.34	3/8	9,504.30	3/8		3/8	
1/2	7,141.68	1/2	7,501.04	1/2	7,860.40	1/2	8,219.75	1/2	8,579.11	1/2	8,938.47	1/2	9,297.82	1/2	9,504.92	1/2		1/2	
5/8	7,149.17	5/8	7,508.53	5/8	7,867.88	5/8	8,227.24	5/8	8,586.60	5/8	8,945.95	5/8	9,305.31	5/8	9,505.54	5/8		5/8	
3/4	7,156.66	3/4	7,516.02	3/4	7,875.37	3/4	8,234.73	3/4	8,594.08	3/4	8,953.44	3/4	9,312.80	3/4	9,506.16	3/4		3/4	
7/8	7,164.14	7/8	7,523.50	7/8	7,882.85	7/8	8,242.21	7/8	8,601.57	7/8	8,960.92	7/8	9,320.28	7/8	9,506.79	7/8		7/8	
3	7,171.63	9	7,530.99	3	7,890.34	9	8,249.70	3	8,609.06	9	8,968.41	3	9,327.77	9	9,507.41	3		9	
1/8	7,179.12	1/8	7,538.48	1/8	7,897.83	1/8	8,257.19	1/8	8,616.55	1/8	8,975.90	1/8	9,334.63	1/8		1/8		1/8	
1/4	7,186.60	1/4	7,545.96	1/4	7,905.32	1/4	8,264.67	1/4	8,624.03	1/4	8,983.39	1/4	9,341.50	1/4		1/4		1/4	
3/8	7,194.09	3/8	7,553.45	3/8	7,912.80	3/8	8,272.16	3/8	8,631.52	3/8	8,990.87	3/8	9,348.36	3/8		3/8		3/8	
1/2	7,201.58	1/2	7,560.93	1/2	7,920.29	1/2	8,279.64	1/2	8,639.00	1/2	8,998.36	1/2	9,355.22	1/2		1/2		1/2	
5/8	7,209.06	5/8	7,568.42	5/8	7,927.78	5/8	8,287.13	5/8	8,646.49	5/8	9,005.85	5/8	9,362.09	5/8		5/8		5/8	
3/4	7,216.55	3/4	7,575.91	3/4	7,935.26	3/4	8,294.62	3/4	8,653.98	3/4	9,013.34	3/4	9,368.95	3/4		3/4		3/4	
7/8	7,224.03	7/8	7,583.39	7/8	7,942.75	7/8	8,302.10	7/8	8,661.46	7/8	9,020.82	7/8	9,375.82	7/8		7/8		7/8	
4	7,231.52	10	7,590.88	4	7,950.24	10	8,309.59	4	8,668.95	10	9,028.31	4	9,382.68	10		4		10	
1/8	7,239.01	1/8	7,598.37	1/8	7,957.73	1/8	8,317.08	1/8	8,676.44	1/8	9,035.80	1/8	9,388.29	1/8		1/8		1/8	
1/4	7,246.50	1/4	7,605.85	1/4	7,965.21	1/4	8,324.56	1/4	8,683.92	1/4	9,043.28	1/4	9,393.91	1/4		1/4		1/4	
3/8	7,253.98	3/8	7,613.34	3/8	7,972.70	3/8	8,332.05	3/8	8,691.41	3/8	9,050.77	3/8	9,399.52	3/8		3/8		3/8	
1/2	7,261.47	1/2	7,620.82	1/2	7,980.18	1/2	8,339.54	1/2	8,698.90	1/2	9,058.25	1/2	9,405.14	1/2		1/2		1/2	
5/8	7,268.96	5/8	7,628.31	5/8	7,987.67	5/8	8,347.03	5/8	8,706.38	5/8	9,065.74	5/8	9,410.75	5/8		5/8		5/8	
3/4	7,276.44	3/4	7,635.80	3/4	7,995.16	3/4	8,354.51	3/4	8,713.87	3/4	9,073.23	3/4	9,416.37	3/4		3/4		3/4	
7/8	7,283.93	7/8	7,643.28	7/8	8,002.64	7/8	8,362.00	7/8	8,721.35	7/8	9,080.71	7/8	9,421.98	7/8		7/8		7/8	
5	7,291.42	11	7,650.77	5	8,010.13	11	8,369.49	5	8,728.84	11	9,088.20	5	9,427.60	11		5		11	
1/8	7,298.91	1/8	7,658.26	1/8	8,017.62	1/8	8,376.98	1/8	8,736.33	1/8	9,095.69	1/8	9,431.97	1/8		1/8		1/8	
1/4	7,306.39	1/4	7,665.74	1/4	8,025.10	1/4	8,384.46	1/4	8,743.82	1/4	9,103.17	1/4	9,436.33	1/4		1/4		1/4	
3/8	7,313.88	3/8	7,673.23	3/8	8,032.59	3/8	8,391.95	3/8	8,751.30	3/8	9,110.66	3/8	9,440.70	3/8		3/8		3/8	
1/2	7,321.36	1/2	7,680.71	1/2	8,040.08	1/2	8,399.43	1/2	8,758.79	1/2	9,118.14	1/2	9,445.06	1/2		1/2		1/2	
5/8	7,328.85	5/8	7,688.20	5/8	8,047.56	5/8	8,406.92	5/8	8,766.28	5/8	9,125.63	5/8	9,449.43	5/8		5/8		5/8	
3/4	7,336.34	3/4	7,695.69	3/4	8,055.05	3/4	8,414.41	3/4	8,773.76	3/4	9,133.12	3/4	9,453.80	3/4		3/4		3/4	
7/8	7,343.82	7/8	7,703.17	7/8	8,062.53	7/8	8,421.89	7/8	8,781.25	7/8	9,140.60	7/8	9,458.16	7/8		7/8		7/8	

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BARGE "PBL 3421"

**4 CENTER
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 1/2"

Table with columns for IN, 5 FT., IN, 5 FT., IN, 6 FT., IN, 6 FT., IN, 7 FT., IN, 7 FT., IN, 8 FT., IN, 8 FT., IN, 9 FT., IN, 9 FT.

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BARGE "PBL 3421"

4 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 1/2"

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	7,026.47	6	7,387.63	0	7,748.78	6	8,109.96	0	8,471.13	6	8,832.30	0	9,193.47	6	9,534.53	0		6	
1/8	7,033.99	1/8	7,395.15	1/8	7,756.30	1/8	8,117.48	1/8	8,478.65	1/8	8,839.82	1/8	9,200.99	1/8	9,538.91	1/8		1/8	
1/4	7,041.52	1/4	7,402.68	1/4	7,763.83	1/4	8,125.01	1/4	8,486.18	1/4	8,847.35	1/4	9,208.52	1/4	9,543.29	1/4		1/4	
3/8	7,049.04	3/8	7,410.20	3/8	7,771.35	3/8	8,132.53	3/8	8,493.70	3/8	8,854.87	3/8	9,216.04	3/8	9,547.68	3/8		3/8	
1/2	7,056.57	1/2	7,417.72	1/2	7,778.88	1/2	8,140.05	1/2	8,501.22	1/2	8,862.39	1/2	9,223.56	1/2	9,552.06	1/2		1/2	
5/8	7,064.09	5/8	7,425.25	5/8	7,786.40	5/8	8,147.58	5/8	8,508.75	5/8	8,869.92	5/8	9,231.09	5/8	9,556.44	5/8		5/8	
3/4	7,071.62	3/4	7,432.77	3/4	7,793.93	3/4	8,155.10	3/4	8,516.27	3/4	8,877.44	3/4	9,238.61	3/4	9,560.82	3/4		3/4	
7/8	7,079.14	7/8	7,440.30	7/8	7,801.45	7/8	8,162.63	7/8	8,523.80	7/8	8,884.97	7/8	9,246.14	7/8	9,565.21	7/8		7/8	
1	7,086.67	7	7,447.82	1	7,808.98	7	8,170.15	1	8,531.32	7	8,892.49	1	9,253.66	7	9,569.59	1		7	
1/8	7,094.19	1/8	7,455.34	1/8	7,816.50	1/8	8,177.67	1/8	8,538.84	1/8	8,900.01	1/8	9,261.18	1/8	9,572.72	1/8		1/8	
1/4	7,101.72	1/4	7,462.87	1/4	7,824.03	1/4	8,185.20	1/4	8,546.37	1/4	8,907.54	1/4	9,268.71	1/4	9,575.84	1/4		1/4	
3/8	7,109.24	3/8	7,470.39	3/8	7,831.55	3/8	8,192.72	3/8	8,553.89	3/8	8,915.06	3/8	9,276.23	3/8	9,578.97	3/8		3/8	
1/2	7,116.76	1/2	7,477.91	1/2	7,839.07	1/2	8,200.25	1/2	8,561.42	1/2	8,922.59	1/2	9,283.76	1/2	9,582.10	1/2		1/2	
5/8	7,124.29	5/8	7,485.44	5/8	7,846.60	5/8	8,207.77	5/8	8,568.94	5/8	8,930.11	5/8	9,291.28	5/8	9,585.23	5/8		5/8	
3/4	7,131.81	3/4	7,492.96	3/4	7,854.12	3/4	8,215.30	3/4	8,576.47	3/4	8,937.64	3/4	9,298.81	3/4	9,588.35	3/4		3/4	
7/8	7,139.34	7/8	7,500.49	7/8	7,861.65	7/8	8,222.82	7/8	8,583.99	7/8	8,945.16	7/8	9,306.33	7/8	9,591.48	7/8		7/8	
2	7,146.86	8	7,508.01	2	7,869.17	8	8,230.35	2	8,591.52	8	8,952.69	2	9,313.86	8	9,594.61	2		8	
1/8	7,154.38	1/8	7,515.53	1/8	7,876.69	1/8	8,237.87	1/8	8,599.04	1/8	8,960.21	1/8	9,321.38	1/8	9,596.48	1/8		1/8	
1/4	7,161.91	1/4	7,523.06	1/4	7,884.22	1/4	8,245.40	1/4	8,606.57	1/4	8,967.74	1/4	9,328.91	1/4	9,598.35	1/4		1/4	
3/8	7,169.43	3/8	7,530.58	3/8	7,891.74	3/8	8,252.92	3/8	8,614.09	3/8	8,975.26	3/8	9,336.43	3/8	9,600.23	3/8		3/8	
1/2	7,176.95	1/2	7,538.10	1/2	7,899.27	1/2	8,260.44	1/2	8,621.61	1/2	8,982.78	1/2	9,343.95	1/2	9,602.10	1/2		1/2	
5/8	7,184.48	5/8	7,545.63	5/8	7,906.79	5/8	8,267.97	5/8	8,629.14	5/8	8,990.31	5/8	9,351.48	5/8	9,603.97	5/8		5/8	
3/4	7,192.00	3/4	7,553.15	3/4	7,914.32	3/4	8,275.49	3/4	8,636.66	3/4	8,997.83	3/4	9,359.00	3/4	9,605.84	3/4		3/4	
7/8	7,199.53	7/8	7,560.68	7/8	7,921.84	7/8	8,283.02	7/8	8,644.19	7/8	9,005.36	7/8	9,366.53	7/8	9,607.72	7/8		7/8	
3	7,207.05	9	7,568.20	3	7,929.37	9	8,290.54	3	8,651.71	9	9,012.88	3	9,374.05	9	9,609.59	3		9	
1/8	7,214.57	1/8	7,575.72	1/8	7,936.89	1/8	8,298.06	1/8	8,659.23	1/8	9,020.40	1/8	9,381.57	1/8	9,610.22	1/8		1/8	
1/4	7,222.10	1/4	7,583.25	1/4	7,944.42	1/4	8,305.59	1/4	8,666.76	1/4	9,027.93	1/4	9,389.10	1/4	9,610.84	1/4		1/4	
3/8	7,229.62	3/8	7,590.77	3/8	7,951.94	3/8	8,313.11	3/8	8,674.28	3/8	9,035.45	3/8	9,396.62	3/8	9,611.47	3/8		3/8	
1/2	7,237.14	1/2	7,598.29	1/2	7,959.47	1/2	8,320.64	1/2	8,681.81	1/2	9,042.98	1/2	9,404.15	1/2	9,612.10	1/2		1/2	
5/8	7,244.67	5/8	7,605.82	5/8	7,966.99	5/8	8,328.16	5/8	8,689.33	5/8	9,050.50	5/8	9,411.67	5/8		5/8		5/8	
3/4	7,252.19	3/4	7,613.34	3/4	7,974.52	3/4	8,335.69	3/4	8,696.86	3/4	9,058.03	3/4	9,419.20	3/4		3/4		3/4	
7/8	7,259.72	7/8	7,620.86	7/8	7,982.04	7/8	8,343.21	7/8	8,704.38	7/8	9,065.55	7/8	9,426.72	7/8		7/8		7/8	
4	7,267.24	10	7,628.39	4	7,989.57	10	8,350.74	4	8,711.91	10	9,073.08	4	9,434.25	10		4		10	
1/8	7,274.76	1/8	7,635.91	1/8	7,997.09	1/8	8,358.26	1/8	8,719.43	1/8	9,080.60	1/8	9,441.14	1/8		1/8		1/8	
1/4	7,282.29	1/4	7,643.44	1/4	8,004.62	1/4	8,365.79	1/4	8,726.96	1/4	9,088.13	1/4	9,448.04	1/4		1/4		1/4	
3/8	7,289.81	3/8	7,650.96	3/8	8,012.14	3/8	8,373.31	3/8	8,734.48	3/8	9,095.65	3/8	9,454.93	3/8		3/8		3/8	
1/2	7,297.33	1/2	7,658.49	1/2	8,019.66	1/2	8,380.83	1/2	8,742.00	1/2	9,103.17	1/2	9,461.83	1/2		1/2		1/2	
5/8	7,304.86	5/8	7,666.01	5/8	8,027.19	5/8	8,388.36	5/8	8,749.53	5/8	9,110.70	5/8	9,468.72	5/8		5/8		5/8	
3/4	7,312.38	3/4	7,673.54	3/4	8,034.71	3/4	8,395.88	3/4	8,757.05	3/4	9,118.22	3/4	9,475.62	3/4		3/4		3/4	
7/8	7,319.90	7/8	7,681.06	7/8	8,042.24	7/8	8,403.41	7/8	8,764.58	7/8	9,125.75	7/8	9,482.51	7/8		7/8		7/8	
5	7,327.43	11	7,688.59	5	8,049.76	11	8,410.93	5	8,772.10	11	9,133.27	5	9,489.41	11		5		11	
1/8	7,334.95	1/8	7,696.11	1/8	8,057.28	1/8	8,418.45	1/8	8,779.62	1/8	9,140.79	1/8	9,495.05	1/8		1/8		1/8	
1/4	7,342.48	1/4	7,703.64	1/4	8,064.81	1/4	8,425.98	1/4	8,787.15	1/4	9,148.32	1/4	9,500.69	1/4		1/4		1/4	
3/8	7,350.00	3/8	7,711.16	3/8	8,072.33	3/8	8,433.50	3/8	8,794.67	3/8	9,155.84	3/8	9,506.33	3/8		3/8		3/8	
1/2	7,357.53	1/2	7,718.68	1/2	8,079.86	1/2	8,441.03	1/2	8,802.20	1/2	9,163.37	1/2	9,511.97	1/2		1/2		1/2	
5/8	7,365.05	5/8	7,726.21	5/8	8,087.38	5/8	8,448.55	5/8	8,809.72	5/8	9,170.89	5/8	9,517.61	5/8		5/8		5/8	
3/4	7,372.58	3/4	7,733.73	3/4	8,094.91	3/4	8,456.08	3/4	8,817.25	3/4	9,178.42	3/4	9,523.25	3/4		3/4		3/4	
7/8	7,380.10	7/8	7,741.26	7/8	8,102.43	7/8	8,463.60	7/8	8,824.77	7/8	9,185.94	7/8	9,528.89	7/8		7/8		7/8	

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BARGE "PBL 3421"

LARGE FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 7'-00 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	729	0	1,459	0	2,188	0	2,918	0	3,647	0	4,377	0		0		0	
1/4	15	1/4	745	1/4	1,474	1/4	2,204	1/4	2,933	1/4	3,663	1/4		1/4		1/4		1/4	
1/2	30	1/2	760	1/2	1,489	1/2	2,219	1/2	2,948	1/2	3,678	1/2		1/2		1/2		1/2	
3/4	46	3/4	775	3/4	1,505	3/4	2,234	3/4	2,963	3/4	3,693	3/4		3/4		3/4		3/4	
1	61	1	790	1	1,520	1	2,249	1	2,979	1	3,708	1		1		1		1	
1/4	76	1/4	805	1/4	1,535	1/4	2,264	1/4	2,994	1/4	3,723	1/4		1/4		1/4		1/4	
1/2	91	1/2	821	1/2	1,550	1/2	2,280	1/2	3,009	1/2	3,739	1/2		1/2		1/2		1/2	
3/4	106	3/4	836	3/4	1,565	3/4	2,295	3/4	3,024	3/4	3,754	3/4		3/4		3/4		3/4	
2	122	2	851	2	1,581	2	2,310	2	3,039	2	3,769	2		2		2		2	
1/4	137	1/4	866	1/4	1,596	1/4	2,325	1/4	3,055	1/4	3,784	1/4		1/4		1/4		1/4	
1/2	152	1/2	881	1/2	1,611	1/2	2,340	1/2	3,070	1/2	3,799	1/2		1/2		1/2		1/2	
3/4	167	3/4	897	3/4	1,626	3/4	2,356	3/4	3,085	3/4	3,814	3/4		3/4		3/4		3/4	
3	182	3	912	3	1,641	3	2,371	3	3,100	3	3,830	3		3		3		3	
1/4	198	1/4	927	1/4	1,656	1/4	2,386	1/4	3,115	1/4	3,845	1/4		1/4		1/4		1/4	
1/2	213	1/2	942	1/2	1,672	1/2	2,401	1/2	3,131	1/2	3,860	1/2		1/2		1/2		1/2	
3/4	228	3/4	957	3/4	1,687	3/4	2,416	3/4	3,146	3/4	3,875	3/4		3/4		3/4		3/4	
4	243	4	973	4	1,702	4	2,432	4	3,161	4	3,890	4		4		4		4	
1/4	258	1/4	988	1/4	1,717	1/4	2,447	1/4	3,176	1/4	3,906	1/4		1/4		1/4		1/4	
1/2	274	1/2	1,003	1/2	1,732	1/2	2,462	1/2	3,191	1/2	3,921	1/2		1/2		1/2		1/2	
3/4	289	3/4	1,018	3/4	1,748	3/4	2,477	3/4	3,207	3/4	3,936	3/4		3/4		3/4		3/4	
5	304	5	1,033	5	1,763	5	2,492	5	3,222	5	3,951	5		5		5		5	
1/4	319	1/4	1,049	1/4	1,778	1/4	2,508	1/4	3,237	1/4	3,966	1/4		1/4		1/4		1/4	
1/2	334	1/2	1,064	1/2	1,793	1/2	2,523	1/2	3,252	1/2	3,982	1/2		1/2		1/2		1/2	
3/4	350	3/4	1,079	3/4	1,808	3/4	2,538	3/4	3,267	3/4	3,997	3/4		3/4		3/4		3/4	
6	365	6	1,094	6	1,824	6	2,553	6	3,283	6	4,012	6		6		6		6	
1/4	380	1/4	1,109	1/4	1,839	1/4	2,568	1/4	3,298	1/4	4,027	1/4		1/4		1/4		1/4	
1/2	395	1/2	1,125	1/2	1,854	1/2	2,584	1/2	3,313	1/2	4,042	1/2		1/2		1/2		1/2	
3/4	410	3/4	1,140	3/4	1,869	3/4	2,599	3/4	3,328	3/4	4,058	3/4		3/4		3/4		3/4	
7	426	7	1,155	7	1,884	7	2,614	7	3,343	7	4,073	7		7		7		7	
1/4	441	1/4	1,170	1/4	1,900	1/4	2,629	1/4	3,359	1/4	4,088	1/4		1/4		1/4		1/4	
1/2	456	1/2	1,185	1/2	1,915	1/2	2,644	1/2	3,374	1/2	4,103	1/2		1/2		1/2		1/2	
3/4	471	3/4	1,201	3/4	1,930	3/4	2,660	3/4	3,389	3/4	4,118	3/4		3/4		3/4		3/4	
8	486	8	1,216	8	1,945	8	2,675	8	3,404	8	4,134	8		8		8		8	
1/4	502	1/4	1,231	1/4	1,960	1/4	2,690	1/4	3,419	1/4	4,149	1/4		1/4		1/4		1/4	
1/2	517	1/2	1,246	1/2	1,976	1/2	2,705	1/2	3,435	1/2	4,164	1/2		1/2		1/2		1/2	
3/4	532	3/4	1,261	3/4	1,991	3/4	2,720	3/4	3,450	3/4	4,179	3/4		3/4		3/4		3/4	
9	547	9	1,277	9	2,006	9	2,735	9	3,465	9	4,194	9		9		9		9	
1/4	562	1/4	1,292	1/4	2,021	1/4	2,751	1/4	3,480	1/4	4,210	1/4		1/4		1/4		1/4	
1/2	577	1/2	1,307	1/2	2,036	1/2	2,766	1/2	3,495	1/2	4,225	1/2		1/2		1/2		1/2	
3/4	593	3/4	1,322	3/4	2,052	3/4	2,781	3/4	3,511	3/4	4,240	3/4		3/4		3/4		3/4	
10	608	10	1,337	10	2,067	10	2,796	10	3,526	10	4,255	10		10		10		10	
1/4	623	1/4	1,353	1/4	2,082	1/4	2,811	1/4	3,541	1/4	4,270	1/4		1/4		1/4		1/4	
1/2	638	1/2	1,368	1/2	2,097	1/2	2,827	1/2	3,556	1/2	4,286	1/2		1/2		1/2		1/2	
3/4	653	3/4	1,383	3/4	2,112	3/4	2,842	3/4	3,571	3/4	4,301	3/4		3/4		3/4		3/4	
11	669	11	1,398	11	2,128	11	2,857	11	3,587	11	4,316	11		11		11		11	
1/4	684	1/4	1,413	1/4	2,143	1/4	2,872	1/4	3,602	1/4	4,331	1/4		1/4		1/4		1/4	
1/2	699	1/2	1,429	1/2	2,158	1/2	2,887	1/2	3,617	1/2	4,346	1/2		1/2		1/2		1/2	
3/4	714	3/4	1,444	3/4	2,173	3/4	2,903	3/4	3,632	3/4	4,362	3/4		3/4		3/4		3/4	

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CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
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BARGE "PBL 3421"

SMALL FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 4'-00"

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	85	0	213	0	328	0		0		0		0		0		0	
1/4	1	1/4	87	1/4	215	1/4	330	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1	1/2	90	1/2	218	1/2	332	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2	3/4	92	3/4	221	3/4	334	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2	1	95	1	223	1	336	1	1	1	1	1	1	1	1	1	1	1	1
1/4	3	1/4	97	1/4	226	1/4	337	1/4	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	1/2	100	1/2	229	1/2	339	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	5	3/4	102	3/4	231	3/4	341	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	6	2	105	2	234	2	342	2	2	2	2	2	2	2	2	2	2	2	2
1/4	8	1/4	108	1/4	237	1/4	344	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	9	1/2	110	1/2	239	1/2	345	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	10	3/4	113	3/4	242	3/4	347	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	11	3	115	3	244	3	348	3	3	3	3	3	3	3	3	3	3	3	3
1/4	13	1/4	118	1/4	247	1/4	350	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	14	1/2	121	1/2	250	1/2	351	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	16	3/4	123	3/4	252	3/4	352	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	17	4	126	4	255	4	354	4	4	4	4	4	4	4	4	4	4	4	4
1/4	19	1/4	129	1/4	257	1/4	355	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	21	1/2	131	1/2	260	1/2	356	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	22	3/4	134	3/4	262	3/4	357	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	24	5	137	5	265	5	358	5	5	5	5	5	5	5	5	5	5	5	5
1/4	26	1/4	139	1/4	268	1/4	358	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	28	1/2	142	1/2	270	1/2	359	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	30	3/4	145	3/4	273	3/4	359	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	32	6	147	6	275	6	360	6	6	6	6	6	6	6	6	6	6	6	6
1/4	34	1/4	150	1/4	277	1/4	=====	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	35	1/2	153	1/2	280	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	37	3/4	155	3/4	282	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	39	7	158	7	285	7		7	7	7	7	7	7	7	7	7	7	7	7
1/4	42	1/4	161	1/4	287	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	44	1/2	164	1/2	289	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	46	3/4	166	3/4	292	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	48	8	169	8	294	8		8	8	8	8	8	8	8	8	8	8	8	8
1/4	50	1/4	172	1/4	296	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	52	1/2	174	1/2	299	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54	3/4	177	3/4	301	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	57	9	180	9	303	9		9	9	9	9	9	9	9	9	9	9	9	9
1/4	59	1/4	183	1/4	306	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61	1/2	185	1/2	308	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63	3/4	188	3/4	310	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	66	10	191	10	312	10		10	10	10	10	10	10	10	10	10	10	10	10
1/4	68	1/4	194	1/4	314	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70	1/2	196	1/2	316	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73	3/4	199	3/4	318	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	75	11	202	11	320	11		11	11	11	11	11	11	11	11	11	11	11	11
1/4	78	1/4	204	1/4	322	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80	1/2	207	1/2	324	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82	3/4	210	3/4	326	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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