



# BARGE "PBL 3423"

## ULLAGE TRIM TABLE

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

(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)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS 00-1/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 251'-09"

July 1, 2024

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

<http://www.pmacorp.net>



# BARGE "PBL 3423"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.		
0		0		0		0	5,135.06	0	4,795.90	0	4,449.95	0	4,088.84	0	3,726.13	0	3,363.42	0	3,000.71		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,127.61	1/4	4,788.91	1/4	4,442.55	1/4	4,081.28	1/4	3,718.57	1/4	3,355.86	1/4	2,993.16		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,120.15	1/2	4,781.91	1/2	4,435.15	1/2	4,073.72	1/2	3,711.02	1/2	3,348.31	1/2	2,985.60		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,112.69	3/4	4,774.88	3/4	4,427.72	3/4	4,066.17	3/4	3,703.46	3/4	3,340.75	3/4	2,978.04		
1		1		1		1	5,105.24	1	4,767.85	1	4,420.28	1	4,058.61	1	3,695.90	1	3,333.20	1	2,970.49		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,097.78	1/4	4,760.82	1/4	4,412.85	1/4	4,051.05	1/4	3,688.35	1/4	3,325.64	1/4	2,962.93		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,090.32	1/2	4,753.80	1/2	4,405.42	1/2	4,043.50	1/2	3,680.79	1/2	3,318.08	1/2	2,955.38		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,082.86	3/4	4,746.74	3/4	4,397.96	3/4	4,035.94	3/4	3,673.23	3/4	3,310.53	3/4	2,947.82		
2		2		2		2	5,075.40	2	4,739.68	2	4,390.50	2	4,028.38	2	3,665.68	2	3,302.97	2	2,940.26		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,067.95	1/4	4,732.62	1/4	4,383.03	1/4	4,020.83	1/4	3,658.12	1/4	3,295.41	1/4	2,932.71		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,060.49	1/2	4,725.56	1/2	4,375.57	1/2	4,013.27	1/2	3,650.56	1/2	3,287.86	1/2	2,925.15		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,053.03	3/4	4,718.44	3/4	4,368.08	3/4	4,005.71	3/4	3,643.01	3/4	3,280.30	3/4	2,917.59		
3		3		3		3	5,045.57	3	4,711.32	3	4,360.58	3	3,998.16	3	3,635.45	3	3,272.74	3	2,910.04		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,038.11	1/4	4,704.20	1/4	4,353.09	1/4	3,990.60	1/4	3,627.89	1/4	3,265.19	1/4	2,902.48		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,030.66	1/2	4,697.08	1/2	4,345.59	1/2	3,983.05	1/2	3,620.34	1/2	3,257.63	1/2	2,894.92		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,023.58	3/4	4,689.93	3/4	4,338.07	3/4	3,975.49	3/4	3,612.78	3/4	3,250.07	3/4	2,887.37		
4		4		4		4	5,016.50	4	4,682.78	4	4,330.54	4	3,967.93	4	3,605.23	4	3,242.52	4	2,879.81		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,009.43	1/4	4,675.62	1/4	4,323.02	1/4	3,960.38	1/4	3,597.67	1/4	3,234.96	1/4	2,872.25		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,002.35	1/2	4,668.47	1/2	4,315.49	1/2	3,952.82	1/2	3,590.11	1/2	3,227.41	1/2	2,864.70		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,995.57	3/4	4,661.29	3/4	4,307.95	3/4	3,945.26	3/4	3,582.56	3/4	3,219.85	3/4	2,857.14		
5		5		5		5	4,988.79	5	4,654.11	5	4,300.40	5	3,937.71	5	3,575.00	5	3,212.29	5	2,849.59		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,982.01	1/4	4,646.93	1/4	4,292.85	1/4	3,930.15	1/4	3,567.44	1/4	3,204.74	1/4	2,842.03		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,975.23	1/2	4,639.74	1/2	4,285.30	1/2	3,922.59	1/2	3,559.89	1/2	3,197.18	1/2	2,834.47		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,968.41	3/4	4,632.53	3/4	4,277.75	3/4	3,915.04	3/4	3,552.33	3/4	3,189.62	3/4	2,826.92		
6		6		6		6	4,961.60	6	4,625.32	6	4,270.19	6	3,907.48	6	3,544.77	6	3,182.07	6	2,819.36		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,954.79	1/4	4,618.10	1/4	4,262.63	1/4	3,899.93	1/4	3,537.22	1/4	3,174.51	1/4	2,811.80		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,268.30	1/2	4,947.97	1/2	4,610.89	1/2	4,255.08	1/2	3,892.37	1/2	3,529.66	1/2	3,166.95	1/2	2,804.25
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,264.59	3/4	4,941.13	3/4	4,603.65	3/4	4,247.52	3/4	3,884.81	3/4	3,522.11	3/4	3,159.40	3/4	2,796.69
7		7		7		7	5,260.89	7	4,934.29	7	4,596.40	7	4,239.96	7	3,877.26	7	3,514.55	7	3,151.84	7	2,789.13
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,257.18	1/4	4,927.45	1/4	4,589.16	1/4	4,232.41	1/4	3,869.70	1/4	3,506.99	1/4	3,144.29	1/4	2,781.58
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,253.48	1/2	4,920.61	1/2	4,581.91	1/2	4,224.85	1/2	3,862.14	1/2	3,499.44	1/2	3,136.73	1/2	2,774.02
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,248.51	3/4	4,913.74	3/4	4,574.64	3/4	4,217.29	3/4	3,854.59	3/4	3,491.88	3/4	3,129.17	3/4	2,766.47
8		8		8		8	5,243.54	8	4,906.86	8	4,567.36	8	4,209.74	8	3,847.03	8	3,484.32	8	3,121.62	8	2,758.91
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,238.58	1/4	4,899.99	1/4	4,560.08	1/4	4,202.18	1/4	3,839.47	1/4	3,476.77	1/4	3,114.06	1/4	2,751.35
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,233.61	1/2	4,893.12	1/2	4,552.81	1/2	4,194.62	1/2	3,831.92	1/2	3,469.21	1/2	3,106.50	1/2	2,743.80
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,227.41	3/4	4,886.21	3/4	4,545.50	3/4	4,187.07	3/4	3,824.36	3/4	3,461.65	3/4	3,098.95	3/4	2,736.24
9		9		9		9	5,221.22	9	4,879.31	9	4,538.19	9	4,179.51	9	3,816.80	9	3,454.10	9	3,091.39	9	2,728.68
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,215.02	1/4	4,872.41	1/4	4,530.89	1/4	4,171.96	1/4	3,809.25	1/4	3,446.54	1/4	3,083.83	1/4	2,721.13
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,208.82	1/2	4,865.50	1/2	4,523.58	1/2	4,164.40	1/2	3,801.69	1/2	3,438.98	1/2	3,076.28	1/2	2,713.57
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,201.54	3/4	4,858.57	3/4	4,516.24	3/4	4,156.84	3/4	3,794.14	3/4	3,431.43	3/4	3,068.72	3/4	2,706.01
10		10		10		10	5,194.27	10	4,851.63	10	4,508.90	10	4,149.29	10	3,786.58	10	3,423.87	10	3,061.16	10	2,698.46
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,186.99	1/4	4,844.70	1/4	4,501.57	1/4	4,141.73	1/4	3,779.02	1/4	3,416.32	1/4	3,053.61	1/4	2,690.90
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,179.72	1/2	4,837.76	1/2	4,494.23	1/2	4,134.17	1/2	3,771.47	1/2	3,408.76	1/2	3,046.05	1/2	2,683.34
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,172.28	3/4	4,830.80	3/4	4,486.86	3/4	4,126.62	3/4	3,763.91	3/4	3,401.20	3/4	3,038.50	3/4	2,675.79
11		11		11		11	5,164.84	11	4,823.83	11	4,479.49	11	4,119.06	11	3,756.35	11	3,393.65	11	3,030.94	11	2,668.23
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,157.40	1/4	4,816.87	1/4	4,472.12	1/4	4,111.50	1/4	3,748.80	1/4	3,386.09	1/4	3,023.38	1/4	2,660.68
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,149.96	1/2	4,809.90	1/2	4,464.75	1/2	4,103.95	1/2	3,741.24	1/2	3,378.53	1/2	3,015.83	1/2	2,653.12
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,142.51	3/4	4,802.90	3/4	4,457.35	3/4	4,096.39	3/4	3,733.68	3/4	3,370.98	3/4	3,008.27	3/4	2,645.56

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 WITH HERMETIC GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "PBL 3423"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,638.01	0	2,275.17	0	1,912.33	0	1,549.64	0	1,187.05	0	824.61	0	461.76	0	106.04	0			
1/4	2,630.45	1/4	2,267.61	1/4	1,904.77	1/4	1,542.10	1/4	1,179.50	1/4	817.05	1/4	454.20	1/4	98.52	1/4			
1/2	2,622.89	1/2	2,260.05	1/2	1,897.21	1/2	1,534.57	1/2	1,171.96	1/2	809.49	1/2	446.64	1/2	91.00	1/2			
3/4	2,615.33	3/4	2,252.49	3/4	1,889.65	3/4	1,527.03	3/4	1,164.41	3/4	801.93	3/4	439.08	3/4	84.07	3/4			
1	2,607.78	1	2,244.93	1	1,882.09	1	1,519.49	1	1,156.86	1	794.37	1	431.52	1	77.14	1			
1/4	2,600.22	1/4	2,237.37	1/4	1,874.53	1/4	1,511.96	1/4	1,149.31	1/4	786.81	1/4	423.96	1/4	70.21	1/4			
1/2	2,592.66	1/2	2,229.82	1/2	1,866.97	1/2	1,504.42	1/2	1,141.77	1/2	779.25	1/2	416.40	1/2	63.29	1/2			
3/4	2,585.10	3/4	2,222.26	3/4	1,859.41	3/4	1,496.88	3/4	1,134.22	3/4	771.69	3/4	408.84	3/4	57.62	3/4			
2	2,577.54	2	2,214.70	2	1,851.86	2	1,489.33	2	1,126.67	2	764.13	2	401.29	2	51.95	2			
1/4	2,569.98	1/4	2,207.14	1/4	1,844.30	1/4	1,481.79	1/4	1,119.12	1/4	756.57	1/4	393.73	1/4	46.28	1/4			
1/2	2,562.42	1/2	2,199.58	1/2	1,836.74	1/2	1,474.25	1/2	1,111.58	1/2	749.01	1/2	386.18	1/2	40.61	1/2			
3/4	2,554.86	3/4	2,192.02	3/4	1,829.18	3/4	1,466.69	3/4	1,104.03	3/4	741.45	3/4	378.62	3/4	36.20	3/4			
3	2,547.30	3	2,184.46	3	1,821.62	3	1,459.13	3	1,096.48	3	733.90	3	371.06	3	31.79	3			
1/4	2,539.74	1/4	2,176.90	1/4	1,814.06	1/4	1,451.57	1/4	1,088.94	1/4	726.34	1/4	363.51	1/4	27.38	1/4			
1/2	2,532.18	1/2	2,169.34	1/2	1,806.50	1/2	1,444.01	1/2	1,081.39	1/2	718.78	1/2	355.95	1/2	22.97	1/2			
3/4	2,524.62	3/4	2,161.78	3/4	1,798.94	3/4	1,436.45	3/4	1,073.84	3/4	711.22	3/4	348.39	3/4		3/4			
4	2,517.06	4	2,154.22	4	1,791.38	4	1,428.89	4	1,066.29	4	703.66	4	340.83	4		4			
1/4	2,509.51	1/4	2,146.66	1/4	1,783.82	1/4	1,421.33	1/4	1,058.75	1/4	696.10	1/4	333.27	1/4		1/4			
1/2	2,501.95	1/2	2,139.10	1/2	1,776.26	1/2	1,413.77	1/2	1,051.20	1/2	688.54	1/2	325.71	1/2		1/2			
3/4	2,494.39	3/4	2,131.55	3/4	1,768.70	3/4	1,406.21	3/4	1,043.65	3/4	680.98	3/4	318.15	3/4		3/4			
5	2,486.83	5	2,123.99	5	1,761.14	5	1,398.65	5	1,036.10	5	673.42	5	310.59	5		5			
1/4	2,479.27	1/4	2,116.43	1/4	1,753.59	1/4	1,391.09	1/4	1,028.56	1/4	665.86	1/4	303.03	1/4		1/4			
1/2	2,471.71	1/2	2,108.87	1/2	1,746.03	1/2	1,383.53	1/2	1,021.01	1/2	658.30	1/2	295.48	1/2		1/2			
3/4	2,464.15	3/4	2,101.31	3/4	1,738.47	3/4	1,375.97	3/4	1,013.46	3/4	650.74	3/4	287.92	3/4		3/4			
6	2,456.59	6	2,093.75	6	1,730.91	6	1,368.41	6	1,005.91	6	643.18	6	280.36	6		6			
1/4	2,449.03	1/4	2,086.19	1/4	1,723.35	1/4	1,360.85	1/4	998.37	1/4	635.62	1/4	272.80	1/4		1/4			
1/2	2,441.47	1/2	2,078.63	1/2	1,715.79	1/2	1,353.29	1/2	990.82	1/2	628.06	1/2	265.24	1/2		1/2			
3/4	2,433.91	3/4	2,071.07	3/4	1,708.23	3/4	1,345.73	3/4	983.27	3/4	620.50	3/4	257.90	3/4		3/4			
7	2,426.35	7	2,063.51	7	1,700.67	7	1,338.17	7	975.72	7	612.94	7	250.56	7		7			
1/4	2,418.80	1/4	2,055.95	1/4	1,693.11	1/4	1,330.61	1/4	968.18	1/4	605.39	1/4	243.22	1/4		1/4			
1/2	2,411.24	1/2	2,048.39	1/2	1,685.55	1/2	1,323.05	1/2	960.63	1/2	597.83	1/2	235.88	1/2		1/2			
3/4	2,403.68	3/4	2,040.84	3/4	1,677.99	3/4	1,315.49	3/4	953.08	3/4	590.27	3/4	229.19	3/4		3/4			
8	2,396.12	8	2,033.28	8	1,670.43	8	1,307.93	8	945.53	8	582.71	8	222.51	8		8			
1/4	2,388.56	1/4	2,025.72	1/4	1,662.88	1/4	1,300.37	1/4	937.99	1/4	575.15	1/4	215.82	1/4		1/4			
1/2	2,381.00	1/2	2,018.16	1/2	1,655.32	1/2	1,292.81	1/2	930.44	1/2	567.59	1/2	209.14	1/2		1/2			
3/4	2,373.44	3/4	2,010.60	3/4	1,647.76	3/4	1,285.25	3/4	922.88	3/4	560.03	3/4	202.23	3/4		3/4			
9	2,365.88	9	2,003.04	9	1,640.20	9	1,277.69	9	915.32	9	552.47	9	195.33	9		9			
1/4	2,358.32	1/4	1,995.48	1/4	1,632.64	1/4	1,270.13	1/4	907.76	1/4	544.91	1/4	188.42	1/4		1/4			
1/2	2,350.76	1/2	1,987.92	1/2	1,625.08	1/2	1,262.57	1/2	900.20	1/2	537.35	1/2	181.52	1/2		1/2			
3/4	2,343.20	3/4	1,980.36	3/4	1,617.53	3/4	1,255.01	3/4	892.64	3/4	529.79	3/4	173.96	3/4		3/4			
10	2,335.64	10	1,972.80	10	1,609.97	10	1,247.45	10	885.08	10	522.23	10	166.40	10		10			
1/4	2,328.08	1/4	1,965.24	1/4	1,602.42	1/4	1,239.90	1/4	877.52	1/4	514.67	1/4	158.85	1/4		1/4			
1/2	2,320.53	1/2	1,957.68	1/2	1,594.86	1/2	1,232.34	1/2	869.96	1/2	507.11	1/2	151.29	1/2		1/2			
3/4	2,312.97	3/4	1,950.12	3/4	1,587.33	3/4	1,224.79	3/4	862.40	3/4	499.55	3/4	143.74	3/4		3/4			
11	2,305.41	11	1,942.57	11	1,579.79	11	1,217.24	11	854.85	11	491.99	11	136.19	11		11			
1/4	2,297.85	1/4	1,935.01	1/4	1,572.25	1/4	1,209.69	1/4	847.29	1/4	484.43	1/4	128.64	1/4		1/4			
1/2	2,290.29	1/2	1,927.45	1/2	1,564.72	1/2	1,202.15	1/2	839.73	1/2	476.88	1/2	121.09	1/2		1/2			
3/4	2,282.73	3/4	1,919.89	3/4	1,557.18	3/4	1,194.60	3/4	832.17	3/4	469.32	3/4	113.57	3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/22/2014 PMA  
RECALCULATED: 07/01/2024 CL  
VERIFIED: 07/01/2024 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2024

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



# BARGE "PBL 3423"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.		
0		0		0		0	5,132.23	0	4,793.14	0	4,447.25	0	4,086.20	0	3,723.56	0	3,360.92	0	2,998.28		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,124.77	1/4	4,786.14	1/4	4,439.85	1/4	4,078.65	1/4	3,716.01	1/4	3,353.37	1/4	2,990.73		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,117.32	1/2	4,779.15	1/2	4,432.45	1/2	4,071.09	1/2	3,708.45	1/2	3,345.81	1/2	2,983.17		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,109.86	3/4	4,772.12	3/4	4,425.02	3/4	4,063.54	3/4	3,700.90	3/4	3,338.26	3/4	2,975.62		
1	1	1	1	1	1	1	5,102.41	1	4,765.09	1	4,417.59	1	4,055.98	1	3,693.34	1	3,330.70	1	2,968.06		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,094.95	1/4	4,758.07	1/4	4,410.16	1/4	4,048.43	1/4	3,685.79	1/4	3,323.15	1/4	2,960.51		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,087.49	1/2	4,751.04	1/2	4,402.73	1/2	4,040.87	1/2	3,678.23	1/2	3,315.59	1/2	2,952.95		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,080.04	3/4	4,743.98	3/4	4,395.27	3/4	4,033.32	3/4	3,670.68	3/4	3,308.04	3/4	2,945.40		
2	2	2	2	2	2	2	5,072.58	2	4,736.92	2	4,387.81	2	4,025.76	2	3,663.12	2	3,300.48	2	2,937.84		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,065.12	1/4	4,729.86	1/4	4,380.35	1/4	4,018.21	1/4	3,655.57	1/4	3,292.93	1/4	2,930.29		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,057.67	1/2	4,722.80	1/2	4,372.89	1/2	4,010.65	1/2	3,648.01	1/2	3,285.37	1/2	2,922.73		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,050.21	3/4	4,715.69	3/4	4,365.39	3/4	4,003.10	3/4	3,640.46	3/4	3,277.82	3/4	2,915.18		
3	3	3	3	3	3	3	5,042.75	3	4,708.57	3	4,357.90	3	3,995.54	3	3,632.90	3	3,270.26	3	2,907.62		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,035.30	1/4	4,701.45	1/4	4,350.41	1/4	3,987.99	1/4	3,625.35	1/4	3,262.71	1/4	2,900.07		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,027.84	1/2	4,694.33	1/2	4,342.92	1/2	3,980.43	1/2	3,617.79	1/2	3,255.15	1/2	2,892.51		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,020.77	3/4	4,687.18	3/4	4,335.39	3/4	3,972.88	3/4	3,610.24	3/4	3,247.60	3/4	2,884.96		
4	4	4	4	4	4	4	5,013.69	4	4,680.03	4	4,327.87	4	3,965.32	4	3,602.68	4	3,240.04	4	2,877.40		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,006.62	1/4	4,672.88	1/4	4,320.34	1/4	3,957.77	1/4	3,595.13	1/4	3,232.49	1/4	2,869.85		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,999.54	1/2	4,665.73	1/2	4,312.82	1/2	3,950.21	1/2	3,587.57	1/2	3,224.93	1/2	2,862.29		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,992.76	3/4	4,658.55	3/4	4,305.27	3/4	3,942.66	3/4	3,580.02	3/4	3,217.38	3/4	2,854.74		
5	5	5	5	5	5	5	4,985.98	5	4,651.37	5	4,297.73	5	3,935.10	5	3,572.46	5	3,209.82	5	2,847.18		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,979.20	1/4	4,644.19	1/4	4,290.18	1/4	3,927.55	1/4	3,564.91	1/4	3,202.27	1/4	2,839.63		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,972.42	1/2	4,637.01	1/2	4,282.63	1/2	3,919.99	1/2	3,557.35	1/2	3,194.71	1/2	2,832.07		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,965.61	3/4	4,629.80	3/4	4,275.08	3/4	3,912.44	3/4	3,549.80	3/4	3,187.16	3/4	2,824.52		
6	6	6	6	6	6	6	4,958.80	6	4,622.58	6	4,267.52	6	3,904.88	6	3,542.24	6	3,179.60	6	2,816.96		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,951.99	1/4	4,615.37	1/4	4,259.97	1/4	3,897.33	1/4	3,534.69	1/4	3,172.05	1/4	2,809.41		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,265.45	1/2	4,945.18	1/2	4,608.16	1/2	4,252.41	1/2	3,889.77	1/2	3,527.13	1/2	3,164.49	1/2	2,801.85
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,261.74	3/4	4,938.34	3/4	4,600.92	3/4	4,244.86	3/4	3,882.22	3/4	3,519.58	3/4	3,156.94	3/4	2,794.30
7	7	7	7	7	7	7	5,258.04	7	4,931.50	7	4,593.67	7	4,237.30	7	3,874.66	7	3,512.02	7	3,149.38	7	2,786.74
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,254.33	1/4	4,924.66	1/4	4,586.43	1/4	4,229.75	1/4	3,867.11	1/4	3,504.47	1/4	3,141.83	1/4	2,779.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,250.63	1/2	4,917.82	1/2	4,579.19	1/2	4,222.19	1/2	3,859.55	1/2	3,496.91	1/2	3,134.27	1/2	2,771.63
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,245.66	3/4	4,910.95	3/4	4,571.91	3/4	4,214.64	3/4	3,852.00	3/4	3,489.36	3/4	3,126.72	3/4	2,764.08
8	8	8	8	8	8	8	5,240.70	8	4,904.07	8	4,564.64	8	4,207.08	8	3,844.44	8	3,481.80	8	3,119.16	8	2,756.52
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,235.73	1/4	4,897.20	1/4	4,557.36	1/4	4,199.53	1/4	3,836.89	1/4	3,474.25	1/4	3,111.61	1/4	2,748.97
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,230.77	1/2	4,890.33	1/2	4,550.09	1/2	4,191.97	1/2	3,829.33	1/2	3,466.69	1/2	3,104.05	1/2	2,741.41
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,224.57	3/4	4,883.43	3/4	4,542.78	3/4	4,184.42	3/4	3,821.78	3/4	3,459.14	3/4	3,096.50	3/4	2,733.86
9	9	9	9	9	9	9	5,218.37	9	4,876.53	9	4,535.48	9	4,176.86	9	3,814.22	9	3,451.58	9	3,088.94	9	2,726.30
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,212.18	1/4	4,869.62	1/4	4,528.17	1/4	4,169.31	1/4	3,806.67	1/4	3,444.03	1/4	3,081.39	1/4	2,718.75
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,205.98	1/2	4,862.72	1/2	4,520.87	1/2	4,161.75	1/2	3,799.11	1/2	3,436.47	1/2	3,073.83	1/2	2,711.19
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,198.71	3/4	4,855.79	3/4	4,513.53	3/4	4,154.20	3/4	3,791.56	3/4	3,428.92	3/4	3,066.28	3/4	2,703.64
10	10	10	10	10	10	10	5,191.43	10	4,848.86	10	4,506.19	10	4,146.64	10	3,784.00	10	3,421.36	10	3,058.72	10	2,696.08
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,184.16	1/4	4,841.92	1/4	4,498.86	1/4	4,139.09	1/4	3,776.45	1/4	3,413.81	1/4	3,051.17	1/4	2,688.53
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,176.88	1/2	4,834.99	1/2	4,491.52	1/2	4,131.53	1/2	3,768.89	1/2	3,406.25	1/2	3,043.61	1/2	2,680.97
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,169.45	3/4	4,828.02	3/4	4,484.15	3/4	4,123.98	3/4	3,761.34	3/4	3,398.70	3/4	3,036.06	3/4	2,673.42
11	11	11	11	11	11	11	5,162.01	11	4,821.06	11	4,476.79	11	4,116.42	11	3,753.78	11	3,391.14	11	3,028.50	11	2,665.86
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,154.57	1/4	4,814.09	1/4	4,469.42	1/4	4,108.87	1/4	3,746.23	1/4	3,383.59	1/4	3,020.95	1/4	2,658.31
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,147.14	1/2	4,807.13	1/2	4,462.05	1/2	4,101.31	1/2	3,738.67	1/2	3,376.03	1/2	3,013.39	1/2	2,650.75
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,139.68	3/4	4,800.13	3/4	4,454.65	3/4	4,093.76	3/4	3,731.12	3/4	3,368.48	3/4	3,005.84	3/4	2,643.20

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 WITH HERMETIC GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

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



# BARGE "PBL 3423"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,635.64	0	2,272.88	0	1,910.11	0	1,547.44	0	1,185.26	0	824.41	0	461.64	0	106.02	0			
1/4	2,628.09	1/4	2,265.32	1/4	1,902.55	1/4	1,539.90	1/4	1,177.75	1/4	816.85	1/4	454.08	1/4	98.49	1/4			
1/2	2,620.53	1/2	2,257.76	1/2	1,894.99	1/2	1,532.35	1/2	1,170.25	1/2	809.29	1/2	446.53	1/2	90.97	1/2			
3/4	2,612.97	3/4	2,250.20	3/4	1,887.43	3/4	1,524.81	3/4	1,162.74	3/4	801.73	3/4	438.97	3/4	84.05	3/4			
1	2,605.42	1	2,242.65	1	1,879.88	1	1,517.27	1	1,155.24	1	794.18	1	431.41	1	77.12	1			
1/4	2,597.86	1/4	2,235.09	1/4	1,872.32	1/4	1,509.72	1/4	1,147.73	1/4	786.62	1/4	423.85	1/4	70.19	1/4			
1/2	2,590.30	1/2	2,227.53	1/2	1,864.76	1/2	1,502.18	1/2	1,140.22	1/2	779.06	1/2	416.30	1/2	63.27	1/2			
3/4	2,582.74	3/4	2,219.97	3/4	1,857.20	3/4	1,494.63	3/4	1,132.72	3/4	771.50	3/4	408.74	3/4	57.60	3/4			
2	2,575.18	2	2,212.41	2	1,849.65	2	1,487.09	2	1,125.21	2	763.95	2	401.19	2	51.93	2			
1/4	2,567.63	1/4	2,204.86	1/4	1,842.09	1/4	1,479.54	1/4	1,117.71	1/4	756.39	1/4	393.63	1/4	46.27	1/4			
1/2	2,560.07	1/2	2,197.30	1/2	1,834.53	1/2	1,471.99	1/2	1,110.20	1/2	748.83	1/2	386.08	1/2	40.60	1/2			
3/4	2,552.51	3/4	2,189.74	3/4	1,826.97	3/4	1,464.44	3/4	1,102.69	3/4	741.27	3/4	378.52	3/4	36.19	3/4			
3	2,544.95	3	2,182.18	3	1,819.41	3	1,456.88	3	1,095.19	3	733.72	3	370.97	3	31.78	3			
1/4	2,537.40	1/4	2,174.63	1/4	1,811.86	1/4	1,449.32	1/4	1,087.68	1/4	726.16	1/4	363.42	1/4	27.38	1/4			
1/2	2,529.84	1/2	2,167.07	1/2	1,804.30	1/2	1,441.76	1/2	1,080.18	1/2	718.60	1/2	355.86	1/2	22.97	1/2			
3/4	2,522.28	3/4	2,159.51	3/4	1,796.74	3/4	1,434.20	3/4	1,072.67	3/4	711.04	3/4	348.30	3/4		3/4			
4	2,514.72	4	2,151.95	4	1,789.18	4	1,426.65	4	1,065.16	4	703.49	4	340.75	4		4			
1/4	2,507.16	1/4	2,144.40	1/4	1,781.63	1/4	1,419.09	1/4	1,057.66	1/4	695.93	1/4	333.19	1/4		1/4			
1/2	2,499.61	1/2	2,136.84	1/2	1,774.07	1/2	1,411.53	1/2	1,050.15	1/2	688.37	1/2	325.63	1/2		1/2			
3/4	2,492.05	3/4	2,129.28	3/4	1,766.51	3/4	1,403.97	3/4	1,042.65	3/4	680.81	3/4	318.07	3/4		3/4			
5	2,484.49	5	2,121.72	5	1,758.95	5	1,396.41	5	1,035.14	5	673.26	5	310.52	5		5			
1/4	2,476.93	1/4	2,114.16	1/4	1,751.39	1/4	1,388.86	1/4	1,027.63	1/4	665.70	1/4	302.96	1/4		1/4			
1/2	2,469.38	1/2	2,106.61	1/2	1,743.84	1/2	1,381.30	1/2	1,020.13	1/2	658.14	1/2	295.40	1/2		1/2			
3/4	2,461.82	3/4	2,099.05	3/4	1,736.28	3/4	1,373.74	3/4	1,012.62	3/4	650.58	3/4	287.84	3/4		3/4			
6	2,454.26	6	2,091.49	6	1,728.72	6	1,366.18	6	1,005.11	6	643.02	6	280.29	6		6			
1/4	2,446.70	1/4	2,083.93	1/4	1,721.16	1/4	1,358.63	1/4	997.61	1/4	635.47	1/4	272.73	1/4		1/4			
1/2	2,439.15	1/2	2,076.38	1/2	1,713.61	1/2	1,351.07	1/2	990.10	1/2	627.91	1/2	265.17	1/2		1/2			
3/4	2,431.59	3/4	2,068.82	3/4	1,706.05	3/4	1,343.51	3/4	982.60	3/4	620.35	3/4	257.83	3/4		3/4			
7	2,424.03	7	2,061.26	7	1,698.49	7	1,335.95	7	975.09	7	612.79	7	250.49	7		7			
1/4	2,416.47	1/4	2,053.70	1/4	1,690.93	1/4	1,328.39	1/4	967.58	1/4	605.24	1/4	243.15	1/4		1/4			
1/2	2,408.91	1/2	2,046.15	1/2	1,683.38	1/2	1,320.84	1/2	960.08	1/2	597.68	1/2	235.81	1/2		1/2			
3/4	2,401.36	3/4	2,038.59	3/4	1,675.82	3/4	1,313.28	3/4	952.57	3/4	590.12	3/4	229.13	3/4		3/4			
8	2,393.80	8	2,031.03	8	1,668.26	8	1,305.72	8	945.07	8	582.56	8	222.45	8		8			
1/4	2,386.24	1/4	2,023.47	1/4	1,660.70	1/4	1,298.16	1/4	937.56	1/4	575.01	1/4	215.77	1/4		1/4			
1/2	2,378.68	1/2	2,015.91	1/2	1,653.14	1/2	1,290.60	1/2	930.05	1/2	567.45	1/2	209.08	1/2		1/2			
3/4	2,371.13	3/4	2,008.36	3/4	1,645.59	3/4	1,283.05	3/4	922.54	3/4	559.89	3/4	202.18	3/4		3/4			
9	2,363.57	9	2,000.80	9	1,638.03	9	1,275.49	9	915.02	9	552.33	9	195.28	9		9			
1/4	2,356.01	1/4	1,993.24	1/4	1,630.47	1/4	1,267.93	1/4	907.50	1/4	544.78	1/4	188.38	1/4		1/4			
1/2	2,348.45	1/2	1,985.68	1/2	1,622.91	1/2	1,260.37	1/2	899.98	1/2	537.22	1/2	181.47	1/2		1/2			
3/4	2,340.90	3/4	1,978.13	3/4	1,615.36	3/4	1,252.85	3/4	892.43	3/4	529.66	3/4	173.92	3/4		3/4			
10	2,333.34	10	1,970.57	10	1,607.81	10	1,245.34	10	884.87	10	522.10	10	166.36	10		10			
1/4	2,325.78	1/4	1,963.01	1/4	1,600.25	1/4	1,237.82	1/4	877.31	1/4	514.55	1/4	158.81	1/4		1/4			
1/2	2,318.22	1/2	1,955.45	1/2	1,592.70	1/2	1,230.30	1/2	869.75	1/2	506.99	1/2	151.25	1/2		1/2			
3/4	2,310.66	3/4	1,947.90	3/4	1,585.15	3/4	1,222.79	3/4	862.20	3/4	499.43	3/4	143.70	3/4		3/4			
11	2,303.11	11	1,940.34	11	1,577.61	11	1,215.29	11	854.64	11	491.87	11	136.15	11		11			
1/4	2,295.55	1/4	1,932.78	1/4	1,570.07	1/4	1,207.78	1/4	847.08	1/4	484.32	1/4	128.61	1/4		1/4			
1/2	2,287.99	1/2	1,925.22	1/2	1,562.52	1/2	1,200.27	1/2	839.52	1/2	476.76	1/2	121.06	1/2		1/2			
3/4	2,280.43	3/4	1,917.66	3/4	1,554.98	3/4	1,192.77	3/4	831.96	3/4	469.20	3/4	113.54	3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/22/2014 PMA  
RECALCULATED: 07/01/2024 CL  
VERIFIED: 07/01/2024 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2024

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



# BARGE "PBL 3423"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.		
0		0		0		0	5,109.62	0	4,772.05	0	4,427.69	0	4,068.23	0	3,707.21	0	3,346.18	0	2,985.15		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,102.21	1/4	4,765.08	1/4	4,420.32	1/4	4,060.71	1/4	3,699.68	1/4	3,338.66	1/4	2,977.63		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,094.79	1/2	4,758.12	1/2	4,412.96	1/2	4,053.19	1/2	3,692.16	1/2	3,331.14	1/2	2,970.11		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,087.37	3/4	4,751.12	3/4	4,405.56	3/4	4,045.67	3/4	3,684.64	3/4	3,323.61	3/4	2,962.59		
1		1		1		1	5,079.94	1	4,744.13	1	4,398.16	1	4,038.15	1	3,677.12	1	3,316.09	1	2,955.07		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,072.52	1/4	4,737.13	1/4	4,390.76	1/4	4,030.63	1/4	3,669.60	1/4	3,308.57	1/4	2,947.54		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,065.10	1/2	4,730.13	1/2	4,383.37	1/2	4,023.10	1/2	3,662.08	1/2	3,301.05	1/2	2,940.02		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,057.67	3/4	4,723.11	3/4	4,375.94	3/4	4,015.58	3/4	3,654.56	3/4	3,293.53	3/4	2,932.50		
2		2		2		2	5,050.25	2	4,716.08	2	4,368.51	2	4,008.06	2	3,647.03	2	3,286.01	2	2,924.98		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,042.83	1/4	4,709.05	1/4	4,361.08	1/4	4,000.54	1/4	3,639.51	1/4	3,278.49	1/4	2,917.46		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,035.40	1/2	4,702.03	1/2	4,353.65	1/2	3,993.02	1/2	3,631.99	1/2	3,270.96	1/2	2,909.94		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,027.98	3/4	4,694.94	3/4	4,346.19	3/4	3,985.50	3/4	3,624.47	3/4	3,263.44	3/4	2,902.42		
3		3		3		3	5,020.56	3	4,687.85	3	4,338.73	3	3,977.98	3	3,616.95	3	3,255.92	3	2,894.89		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,013.13	1/4	4,680.76	1/4	4,331.28	1/4	3,970.45	1/4	3,609.43	1/4	3,248.40	1/4	2,887.37		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,005.71	1/2	4,673.68	1/2	4,323.82	1/2	3,962.93	1/2	3,601.91	1/2	3,240.88	1/2	2,879.85		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,998.67	3/4	4,666.56	3/4	4,316.33	3/4	3,955.41	3/4	3,594.38	3/4	3,233.36	3/4	2,872.33		
4		4		4		4	4,991.63	4	4,659.44	4	4,308.84	4	3,947.89	4	3,586.86	4	3,225.84	4	2,864.81		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,984.58	1/4	4,652.32	1/4	4,301.34	1/4	3,940.37	1/4	3,579.34	1/4	3,218.31	1/4	2,857.29		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,977.54	1/2	4,645.20	1/2	4,293.85	1/2	3,932.85	1/2	3,571.82	1/2	3,210.79	1/2	2,849.77		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,970.79	3/4	4,638.06	3/4	4,286.34	3/4	3,925.33	3/4	3,564.30	3/4	3,203.27	3/4	2,842.24		
5		5		5		5	4,964.04	5	4,630.91	5	4,278.82	5	3,917.80	5	3,556.78	5	3,195.75	5	2,834.72		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,957.29	1/4	4,623.76	1/4	4,271.31	1/4	3,910.28	1/4	3,549.26	1/4	3,188.23	1/4	2,827.20		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,950.54	1/2	4,616.61	1/2	4,263.79	1/2	3,902.76	1/2	3,541.73	1/2	3,180.71	1/2	2,819.68		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,943.76	3/4	4,609.43	3/4	4,256.27	3/4	3,895.24	3/4	3,534.21	3/4	3,173.19	3/4	2,812.16		
6		6		6		6	4,936.98	6	4,602.25	6	4,248.75	6	3,887.72	6	3,526.69	6	3,165.66	6	2,804.64		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,930.20	1/4	4,595.07	1/4	4,241.23	1/4	3,880.20	1/4	3,519.17	1/4	3,158.14	1/4	2,797.12		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,242.24	1/2	4,923.41	1/2	4,587.89	1/2	4,233.70	1/2	3,872.68	1/2	3,511.65	1/2	3,150.62	1/2	2,789.59
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,238.55	3/4	4,916.60	3/4	4,580.68	3/4	4,226.18	3/4	3,865.16	3/4	3,504.13	3/4	3,143.10	3/4	2,782.07
7		7		7		7	5,234.86	7	4,909.79	7	4,573.46	7	4,218.66	7	3,857.63	7	3,496.61	7	3,135.58	7	2,774.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,231.17	1/4	4,902.98	1/4	4,566.25	1/4	4,211.14	1/4	3,850.11	1/4	3,489.09	1/4	3,128.06	1/4	2,767.03
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,227.49	1/2	4,896.17	1/2	4,559.04	1/2	4,203.62	1/2	3,842.59	1/2	3,481.56	1/2	3,120.54	1/2	2,759.51
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,222.54	3/4	4,889.33	3/4	4,551.80	3/4	4,196.10	3/4	3,835.07	3/4	3,474.04	3/4	3,113.02	3/4	2,751.99
8		8		8		8	5,217.60	8	4,882.49	8	4,544.56	8	4,188.58	8	3,827.55	8	3,466.52	8	3,105.49	8	2,744.47
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,212.66	1/4	4,875.65	1/4	4,537.32	1/4	4,181.05	1/4	3,820.03	1/4	3,459.00	1/4	3,097.97	1/4	2,736.95
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,207.71	1/2	4,868.81	1/2	4,530.07	1/2	4,173.53	1/2	3,812.51	1/2	3,451.48	1/2	3,090.45	1/2	2,729.42
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,201.54	3/4	4,861.94	3/4	4,522.80	3/4	4,166.01	3/4	3,804.98	3/4	3,443.96	3/4	3,082.93	3/4	2,721.90
9		9		9		9	5,195.38	9	4,855.07	9	4,515.53	9	4,158.49	9	3,797.46	9	3,436.44	9	3,075.41	9	2,714.38
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,189.21	1/4	4,848.20	1/4	4,508.25	1/4	4,150.97	1/4	3,789.94	1/4	3,428.91	1/4	3,067.89	1/4	2,706.86
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,183.04	1/2	4,841.32	1/2	4,500.98	1/2	4,143.45	1/2	3,782.42	1/2	3,421.39	1/2	3,060.37	1/2	2,699.34
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,175.80	3/4	4,834.42	3/4	4,493.68	3/4	4,135.93	3/4	3,774.90	3/4	3,413.87	3/4	3,052.84	3/4	2,691.82
10		10		10		10	5,168.55	10	4,827.52	10	4,486.37	10	4,128.40	10	3,767.38	10	3,406.35	10	3,045.32	10	2,684.30
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,161.31	1/4	4,820.62	1/4	4,479.07	1/4	4,120.88	1/4	3,759.86	1/4	3,398.83	1/4	3,037.80	1/4	2,676.77
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,154.07	1/2	4,813.71	1/2	4,471.76	1/2	4,113.36	1/2	3,752.33	1/2	3,391.31	1/2	3,030.28	1/2	2,669.25
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,146.67	3/4	4,806.78	3/4	4,464.43	3/4	4,105.84	3/4	3,744.81	3/4	3,383.79	3/4	3,022.76	3/4	2,661.73
11		11		11		11	5,139.26	11	4,799.84	11	4,457.09	11	4,098.32	11	3,737.29	11	3,376.26	11	3,015.24	11	2,654.21
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,131.86	1/4	4,792.91	1/4	4,449.76	1/4	4,090.80	1/4	3,729.77	1/4	3,368.74	1/4	3,007.72	1/4	2,646.69
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,124.46	1/2	4,785.98	1/2	4,442.42	1/2	4,083.28	1/2	3,722.25	1/2	3,361.22	1/2	3,000.19	1/2	2,639.17
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,117.04	3/4	4,779.01	3/4	4,435.06	3/4	4,075.75	3/4	3,714.73	3/4	3,353.70	3/4	2,992.67	3/4	2,631.65

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 WITH HERMETIC GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

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





# BARGE "PBL 3423"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,624.12	0	2,262.96	0	1,901.80	0	1,541.48	0	1,181.47	0	820.72	0	459.57	0	105.55	0		0	
1/4	2,616.60	1/4	2,255.44	1/4	1,894.27	1/4	1,534.07	1/4	1,173.96	1/4	813.20	1/4	452.04	1/4	98.06	1/4		1/4	
1/2	2,609.08	1/2	2,247.91	1/2	1,886.75	1/2	1,526.67	1/2	1,166.45	1/2	805.67	1/2	444.52	1/2	90.57	1/2		1/2	
3/4	2,601.56	3/4	2,240.39	3/4	1,879.22	3/4	1,519.27	3/4	1,158.94	3/4	798.15	3/4	436.99	3/4	83.67	3/4		3/4	
1	2,594.03	1	2,232.87	1	1,871.70	1	1,511.86	1	1,151.42	1	790.63	1	429.47	1	76.78	1		1	
1/4	2,586.51	1/4	2,225.34	1/4	1,864.18	1/4	1,504.46	1/4	1,143.91	1/4	783.10	1/4	421.95	1/4	69.88	1/4		1/4	
1/2	2,578.98	1/2	2,217.82	1/2	1,856.65	1/2	1,497.06	1/2	1,136.40	1/2	775.58	1/2	414.42	1/2	62.99	1/2		1/2	
3/4	2,571.46	3/4	2,210.29	3/4	1,849.13	3/4	1,489.62	3/4	1,128.89	3/4	768.05	3/4	406.90	3/4	57.35	3/4		3/4	
2	2,563.94	2	2,202.77	2	1,841.60	2	1,482.19	2	1,121.38	2	760.53	2	399.38	2	51.70	2		2	
1/4	2,556.41	1/4	2,195.24	1/4	1,834.08	1/4	1,474.76	1/4	1,113.86	1/4	753.01	1/4	391.86	1/4	46.06	1/4		1/4	
1/2	2,548.89	1/2	2,187.72	1/2	1,826.55	1/2	1,467.32	1/2	1,106.35	1/2	745.48	1/2	384.34	1/2	40.42	1/2		1/2	
3/4	2,541.36	3/4	2,180.20	3/4	1,819.03	3/4	1,459.80	3/4	1,098.84	3/4	737.96	3/4	376.82	3/4	36.03	3/4		3/4	
3	2,533.84	3	2,172.67	3	1,811.51	3	1,452.27	3	1,091.33	3	730.43	3	369.30	3	31.64	3		3	
1/4	2,526.31	1/4	2,165.15	1/4	1,803.98	1/4	1,444.75	1/4	1,083.81	1/4	722.91	1/4	361.77	1/4	27.26	1/4		1/4	
1/2	2,518.79	1/2	2,157.62	1/2	1,796.46	1/2	1,437.22	1/2	1,076.30	1/2	715.39	1/2	354.25	1/2	22.86	1/2		1/2	
3/4	2,511.27	3/4	2,150.10	3/4	1,788.93	3/4	1,429.70	3/4	1,068.79	3/4	707.86	3/4	346.73	3/4		3/4		3/4	
4	2,503.74	4	2,142.57	4	1,781.41	4	1,422.18	4	1,061.28	4	700.34	4	339.21	4		4		4	
1/4	2,496.22	1/4	2,135.05	1/4	1,773.88	1/4	1,414.65	1/4	1,053.77	1/4	692.81	1/4	331.68	1/4		1/4		1/4	
1/2	2,488.69	1/2	2,127.53	1/2	1,766.36	1/2	1,407.13	1/2	1,046.25	1/2	685.29	1/2	324.16	1/2		1/2		1/2	
3/4	2,481.17	3/4	2,120.00	3/4	1,758.84	3/4	1,399.60	3/4	1,038.74	3/4	677.77	3/4	316.63	3/4		3/4		3/4	
5	2,473.64	5	2,112.48	5	1,751.31	5	1,392.08	5	1,031.23	5	670.24	5	309.11	5		5		5	
1/4	2,466.12	1/4	2,104.95	1/4	1,743.79	1/4	1,384.55	1/4	1,023.72	1/4	662.72	1/4	301.59	1/4		1/4		1/4	
1/2	2,458.60	1/2	2,097.43	1/2	1,736.26	1/2	1,377.03	1/2	1,016.21	1/2	655.19	1/2	294.06	1/2		1/2		1/2	
3/4	2,451.07	3/4	2,089.90	3/4	1,728.74	3/4	1,369.51	3/4	1,008.69	3/4	647.67	3/4	286.54	3/4		3/4		3/4	
6	2,443.55	6	2,082.38	6	1,721.21	6	1,361.98	6	1,001.18	6	640.14	6	279.01	6		6		6	
1/4	2,436.02	1/4	2,074.86	1/4	1,713.69	1/4	1,354.46	1/4	993.67	1/4	632.62	1/4	271.49	1/4		1/4		1/4	
1/2	2,428.50	1/2	2,067.33	1/2	1,706.17	1/2	1,346.93	1/2	986.16	1/2	625.10	1/2	263.97	1/2		1/2		1/2	
3/4	2,420.97	3/4	2,059.81	3/4	1,698.64	3/4	1,339.41	3/4	978.65	3/4	617.57	3/4	256.66	3/4		3/4		3/4	
7	2,413.45	7	2,052.28	7	1,691.12	7	1,331.88	7	971.13	7	610.05	7	249.35	7		7		7	
1/4	2,405.93	1/4	2,044.76	1/4	1,683.59	1/4	1,324.36	1/4	963.62	1/4	602.52	1/4	242.05	1/4		1/4		1/4	
1/2	2,398.40	1/2	2,037.23	1/2	1,676.07	1/2	1,316.84	1/2	956.11	1/2	595.00	1/2	234.74	1/2		1/2		1/2	
3/4	2,390.88	3/4	2,029.71	3/4	1,668.54	3/4	1,309.31	3/4	948.60	3/4	587.48	3/4	228.09	3/4		3/4		3/4	
8	2,383.35	8	2,022.19	8	1,661.02	8	1,301.79	8	941.08	8	579.95	8	221.44	8		8		8	
1/4	2,375.83	1/4	2,014.66	1/4	1,653.50	1/4	1,294.26	1/4	933.57	1/4	572.43	1/4	214.79	1/4		1/4		1/4	
1/2	2,368.30	1/2	2,007.14	1/2	1,645.97	1/2	1,286.74	1/2	926.06	1/2	564.90	1/2	208.15	1/2		1/2		1/2	
3/4	2,360.78	3/4	1,999.61	3/4	1,638.45	3/4	1,279.21	3/4	918.54	3/4	557.38	3/4	201.28	3/4		3/4		3/4	
9	2,353.26	9	1,992.09	9	1,630.92	9	1,271.69	9	911.01	9	549.86	9	194.41	9		9		9	
1/4	2,345.73	1/4	1,984.56	1/4	1,623.40	1/4	1,264.17	1/4	903.49	1/4	542.33	1/4	187.54	1/4		1/4		1/4	
1/2	2,338.21	1/2	1,977.04	1/2	1,615.87	1/2	1,256.64	1/2	895.96	1/2	534.81	1/2	180.67	1/2		1/2		1/2	
3/4	2,330.68	3/4	1,969.52	3/4	1,608.38	3/4	1,249.12	3/4	888.44	3/4	527.28	3/4	173.15	3/4		3/4		3/4	
10	2,323.16	10	1,961.99	10	1,600.89	10	1,241.59	10	880.92	10	519.76	10	165.63	10		10		10	
1/4	2,315.63	1/4	1,954.47	1/4	1,593.39	1/4	1,234.07	1/4	873.39	1/4	512.23	1/4	158.10	1/4		1/4		1/4	
1/2	2,308.11	1/2	1,946.94	1/2	1,585.90	1/2	1,226.54	1/2	865.87	1/2	504.71	1/2	150.58	1/2		1/2		1/2	
3/4	2,300.58	3/4	1,939.42	3/4	1,578.49	3/4	1,219.03	3/4	858.34	3/4	497.19	3/4	143.07	3/4		3/4		3/4	
11	2,293.06	11	1,931.89	11	1,571.09	11	1,211.52	11	850.82	11	489.66	11	135.55	11		11		11	
1/4	2,285.54	1/4	1,924.37	1/4	1,563.69	1/4	1,204.01	1/4	843.30	1/4	482.14	1/4	128.04	1/4		1/4		1/4	
1/2	2,278.01	1/2	1,916.85	1/2	1,556.28	1/2	1,196.50	1/2	835.77	1/2	474.61	1/2	120.52	1/2		1/2		1/2	
3/4	2,270.49	3/4	1,909.32	3/4	1,548.88	3/4	1,188.98	3/4	828.25	3/4	467.09	3/4	113.04	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/22/2014 PMA  
RECALCULATED: 07/01/2024 CL  
VERIFIED: 07/01/2024 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2024

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



# BARGE "PBL 3423"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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		0	5,087.54	0	4,750.32	0	4,405.48	0	4,045.78	0	3,684.67	0	3,323.55	0	2,962.44		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,080.12	1/4	4,743.36	1/4	4,398.11	1/4	4,038.26	1/4	3,677.14	1/4	3,316.03	1/4	2,954.92		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,072.69	1/2	4,736.36	1/2	4,390.71	1/2	4,030.73	1/2	3,669.62	1/2	3,308.51	1/2	2,947.39		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,065.27	3/4	4,729.36	3/4	4,383.31	3/4	4,023.21	3/4	3,662.10	3/4	3,300.98	3/4	2,939.87		
1		1		1		1	5,057.84	1	4,722.36	1	4,375.91	1	4,015.69	1	3,654.57	1	3,293.46	1	2,932.35		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,050.42	1/4	4,715.37	1/4	4,368.51	1/4	4,008.16	1/4	3,647.05	1/4	3,285.94	1/4	2,924.82		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,042.99	1/2	4,708.34	1/2	4,361.08	1/2	4,000.64	1/2	3,639.53	1/2	3,278.41	1/2	2,917.30		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,035.57	3/4	4,701.31	3/4	4,353.65	3/4	3,993.12	3/4	3,632.00	3/4	3,270.89	3/4	2,909.78		
2		2		2		2	5,028.14	2	4,694.28	2	4,346.22	2	3,985.59	2	3,624.48	2	3,263.37	2	2,902.25		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,020.72	1/4	4,687.25	1/4	4,338.79	1/4	3,978.07	1/4	3,616.96	1/4	3,255.84	1/4	2,894.73		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,013.29	1/2	4,680.16	1/2	4,331.33	1/2	3,970.55	1/2	3,609.43	1/2	3,248.32	1/2	2,887.21		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,005.87	3/4	4,673.07	3/4	4,323.87	3/4	3,963.03	3/4	3,601.91	3/4	3,240.80	3/4	2,879.68		
3		3		3		3	4,998.44	3	4,665.98	3	4,316.41	3	3,955.50	3	3,594.39	3	3,233.27	3	2,872.16		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,991.02	1/4	4,658.90	1/4	4,308.95	1/4	3,947.98	1/4	3,586.87	1/4	3,225.75	1/4	2,864.64		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,983.97	1/2	4,651.78	1/2	4,301.46	1/2	3,940.46	1/2	3,579.34	1/2	3,218.23	1/2	2,857.11		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,976.93	3/4	4,644.66	3/4	4,293.96	3/4	3,932.93	3/4	3,571.82	3/4	3,210.71	3/4	2,849.59		
4		4		4		4	4,969.88	4	4,637.54	4	4,286.47	4	3,925.41	4	3,564.30	4	3,203.18	4	2,842.07		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,962.84	1/4	4,630.42	1/4	4,278.98	1/4	3,917.89	1/4	3,556.77	1/4	3,195.66	1/4	2,834.55		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,956.08	1/2	4,623.26	1/2	4,271.46	1/2	3,910.36	1/2	3,549.25	1/2	3,188.14	1/2	2,827.02		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,949.33	3/4	4,616.11	3/4	4,263.94	3/4	3,902.84	3/4	3,541.73	3/4	3,180.61	3/4	2,819.50		
5		5		5		5	4,942.58	5	4,608.96	5	4,256.42	5	3,895.32	5	3,534.20	5	3,173.09	5	2,811.98		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,935.83	1/4	4,601.81	1/4	4,248.91	1/4	3,887.79	1/4	3,526.68	1/4	3,165.57	1/4	2,804.45		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,929.05	1/2	4,594.63	1/2	4,241.38	1/2	3,880.27	1/2	3,519.16	1/2	3,158.04	1/2	2,796.93		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,922.26	3/4	4,587.45	3/4	4,233.86	3/4	3,872.75	3/4	3,511.63	3/4	3,150.52	3/4	2,789.41		
6		6		6		6	4,915.48	6	4,580.27	6	4,226.34	6	3,865.22	6	3,504.11	6	3,143.00	6	2,781.88		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,227.61	1/4	4,908.70	1/4	4,573.08	1/4	4,218.81	1/4	3,857.70	1/4	3,496.59	1/4	3,135.47	1/4	2,774.36
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,223.92	1/2	4,901.89	1/2	4,565.87	1/2	4,211.29	1/2	3,850.18	1/2	3,489.06	1/2	3,127.95	1/2	2,766.84
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,220.23	3/4	4,895.07	3/4	4,558.66	3/4	4,203.77	3/4	3,842.65	3/4	3,481.54	3/4	3,120.43	3/4	2,759.31
7		7		7		7	5,216.54	7	4,888.26	7	4,551.45	7	4,196.24	7	3,835.13	7	3,474.02	7	3,112.90	7	2,751.79
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,212.85	1/4	4,881.45	1/4	4,544.23	1/4	4,188.72	1/4	3,827.61	1/4	3,466.49	1/4	3,105.38	1/4	2,744.27
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,207.91	1/2	4,874.61	1/2	4,536.99	1/2	4,181.20	1/2	3,820.08	1/2	3,458.97	1/2	3,097.86	1/2	2,736.74
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,202.96	3/4	4,867.77	3/4	4,529.74	3/4	4,173.67	3/4	3,812.56	3/4	3,451.45	3/4	3,090.33	3/4	2,729.22
8		8		8		8	5,198.02	8	4,860.92	8	4,522.50	8	4,166.15	8	3,805.04	8	3,443.92	8	3,082.81	8	2,721.70
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,193.07	1/4	4,854.08	1/4	4,515.26	1/4	4,158.63	1/4	3,797.51	1/4	3,436.40	1/4	3,075.29	1/4	2,714.17
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,186.90	1/2	4,847.21	1/2	4,507.98	1/2	4,151.11	1/2	3,789.99	1/2	3,428.88	1/2	3,067.76	1/2	2,706.65
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,180.73	3/4	4,840.33	3/4	4,500.71	3/4	4,143.58	3/4	3,782.47	3/4	3,421.35	3/4	3,060.24	3/4	2,699.13
9		9		9		9	5,174.56	9	4,833.46	9	4,493.43	9	4,136.06	9	3,774.95	9	3,413.83	9	3,052.72	9	2,691.60
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,168.39	1/4	4,826.59	1/4	4,486.16	1/4	4,128.54	1/4	3,767.42	1/4	3,406.31	1/4	3,045.19	1/4	2,684.08
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,161.15	1/2	4,819.68	1/2	4,478.85	1/2	4,121.01	1/2	3,759.90	1/2	3,398.79	1/2	3,037.67	1/2	2,676.56
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,153.91	3/4	4,812.78	3/4	4,471.54	3/4	4,113.49	3/4	3,752.38	3/4	3,391.26	3/4	3,030.15	3/4	2,669.03
10		10		10		10	5,146.66	10	4,805.87	10	4,464.24	10	4,105.97	10	3,744.85	10	3,383.74	10	3,022.63	10	2,661.51
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,139.42	1/4	4,798.97	1/4	4,456.93	1/4	4,098.44	1/4	3,737.33	1/4	3,376.22	1/4	3,015.10	1/4	2,653.99
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,132.01	1/2	4,792.03	1/2	4,449.59	1/2	4,090.92	1/2	3,729.81	1/2	3,368.69	1/2	3,007.58	1/2	2,646.47
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,124.61	3/4	4,785.10	3/4	4,442.26	3/4	4,083.40	3/4	3,722.28	3/4	3,361.17	3/4	3,000.06	3/4	2,638.94
11		11		11		11	5,117.20	11	4,778.16	11	4,434.92	11	4,075.87	11	3,714.76	11	3,353.65	11	2,992.53	11	2,631.42
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,109.80	1/4	4,771.22	1/4	4,427.58	1/4	4,068.35	1/4	3,707.24	1/4	3,346.12	1/4	2,985.01	1/4	2,623.90
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,102.38	1/2	4,764.26	1/2	4,420.21	1/2	4,060.83	1/2	3,699.71	1/2	3,338.60	1/2	2,977.49	1/2	2,616.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,094.96	3/4	4,757.29	3/4	4,412.85	3/4	4,053.30	3/4	3,692.19	3/4	3,331.08	3/4	2,969.96	3/4	2,608.85

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 WITH HERMETIC GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

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





# BARGE "PBL 3423"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	2,601.33	0	2,240.08	0	1,878.82	0	1,518.54	0	1,161.98	0	813.39	0	452.14	0	98.07	0		0	
1/4	2,593.80	1/4	2,232.55	1/4	1,871.30	1/4	1,511.13	1/4	1,154.80	1/4	805.86	1/4	444.62	1/4	90.58	1/4		1/4	
1/2	2,586.28	1/2	2,225.02	1/2	1,863.77	1/2	1,503.73	1/2	1,147.61	1/2	798.34	1/2	437.09	1/2	83.69	1/2		1/2	
3/4	2,578.75	3/4	2,217.50	3/4	1,856.24	3/4	1,496.32	3/4	1,140.43	3/4	790.81	3/4	429.57	3/4	76.79	3/4		3/4	
1	2,571.22	1	2,209.97	1	1,848.72	1	1,488.92	1	1,133.25	1	783.28	1	422.04	1	69.89	1		1	
1/4	2,563.70	1/4	2,202.45	1/4	1,841.19	1/4	1,481.51	1/4	1,126.07	1/4	775.76	1/4	414.52	1/4	63.00	1/4		1/4	
1/2	2,556.17	1/2	2,194.92	1/2	1,833.67	1/2	1,474.08	1/2	1,118.88	1/2	768.23	1/2	406.99	1/2	57.35	1/2		1/2	
3/4	2,548.65	3/4	2,187.39	3/4	1,826.14	3/4	1,466.64	3/4	1,111.70	3/4	760.71	3/4	399.47	3/4	51.71	3/4		3/4	
2	2,541.12	2	2,179.87	2	1,818.61	2	1,459.21	2	1,104.52	2	753.18	2	391.95	2	46.07	2		2	
1/4	2,533.59	1/4	2,172.34	1/4	1,811.09	1/4	1,451.77	1/4	1,097.33	1/4	745.65	1/4	384.42	1/4	40.42	1/4		1/4	
1/2	2,526.07	1/2	2,164.82	1/2	1,803.56	1/2	1,444.24	1/2	1,090.15	1/2	738.13	1/2	376.90	1/2	36.03	1/2		1/2	
3/4	2,518.54	3/4	2,157.29	3/4	1,796.04	3/4	1,436.72	3/4	1,082.97	3/4	730.60	3/4	369.38	3/4	31.64	3/4		3/4	
3	2,511.02	3	2,149.76	3	1,788.51	3	1,429.19	3	1,075.79	3	723.08	3	361.86	3	27.25	3		3	
1/4	2,503.49	1/4	2,142.24	1/4	1,780.98	1/4	1,421.67	1/4	1,068.60	1/4	715.55	1/4	354.33	1/4	22.87	1/4		1/4	
1/2	2,495.96	1/2	2,134.71	1/2	1,773.46	1/2	1,414.14	1/2	1,061.42	1/2	708.03	1/2	346.81	1/2		1/2		1/2	
3/4	2,488.44	3/4	2,127.18	3/4	1,765.93	3/4	1,406.61	3/4	1,054.24	3/4	700.50	3/4	339.28	3/4		3/4		3/4	
4	2,480.91	4	2,119.66	4	1,758.41	4	1,399.09	4	1,047.06	4	692.97	4	331.76	4		4		4	
1/4	2,473.39	1/4	2,112.13	1/4	1,750.88	1/4	1,391.56	1/4	1,039.87	1/4	685.45	1/4	324.23	1/4		1/4		1/4	
1/2	2,465.86	1/2	2,104.61	1/2	1,743.35	1/2	1,384.04	1/2	1,032.69	1/2	677.92	1/2	316.70	1/2		1/2		1/2	
3/4	2,458.33	3/4	2,097.08	3/4	1,735.83	3/4	1,376.51	3/4	1,025.51	3/4	670.40	3/4	309.18	3/4		3/4		3/4	
5	2,450.81	5	2,089.55	5	1,728.30	5	1,368.98	5	1,018.32	5	662.87	5	301.65	5		5		5	
1/4	2,443.28	1/4	2,082.03	1/4	1,720.78	1/4	1,361.46	1/4	1,011.14	1/4	655.34	1/4	294.13	1/4		1/4		1/4	
1/2	2,435.75	1/2	2,074.50	1/2	1,713.25	1/2	1,353.93	1/2	1,003.96	1/2	647.82	1/2	286.60	1/2		1/2		1/2	
3/4	2,428.23	3/4	2,066.98	3/4	1,705.72	3/4	1,346.40	3/4	996.78	3/4	640.29	3/4	279.07	3/4		3/4		3/4	
6	2,420.70	6	2,059.45	6	1,698.20	6	1,338.88	6	989.59	6	632.77	6	271.55	6		6		6	
1/4	2,413.18	1/4	2,051.92	1/4	1,690.67	1/4	1,331.35	1/4	982.41	1/4	625.24	1/4	264.02	1/4		1/4		1/4	
1/2	2,405.65	1/2	2,044.40	1/2	1,683.14	1/2	1,323.83	1/2	975.23	1/2	617.71	1/2	256.72	1/2		1/2		1/2	
3/4	2,398.12	3/4	2,036.87	3/4	1,675.62	3/4	1,316.30	3/4	968.05	3/4	610.19	3/4	249.41	3/4		3/4		3/4	
7	2,390.60	7	2,029.35	7	1,668.09	7	1,308.77	7	960.86	7	602.66	7	242.10	7		7		7	
1/4	2,383.07	1/4	2,021.82	1/4	1,660.57	1/4	1,301.25	1/4	953.68	1/4	595.14	1/4	234.79	1/4		1/4		1/4	
1/2	2,375.55	1/2	2,014.29	1/2	1,653.04	1/2	1,293.72	1/2	946.50	1/2	587.61	1/2	228.14	1/2		1/2		1/2	
3/4	2,368.02	3/4	2,006.77	3/4	1,645.51	3/4	1,286.19	3/4	939.31	3/4	580.08	3/4	221.49	3/4		3/4		3/4	
8	2,360.49	8	1,999.24	8	1,637.99	8	1,278.67	8	932.13	8	572.56	8	214.84	8		8		8	
1/4	2,352.97	1/4	1,991.71	1/4	1,630.46	1/4	1,271.14	1/4	924.95	1/4	565.03	1/4	208.19	1/4		1/4		1/4	
1/2	2,345.44	1/2	1,984.19	1/2	1,622.94	1/2	1,263.62	1/2	917.76	1/2	557.51	1/2	201.32	1/2		1/2		1/2	
3/4	2,337.92	3/4	1,976.66	3/4	1,615.41	3/4	1,256.09	3/4	910.56	3/4	549.98	3/4	194.45	3/4		3/4		3/4	
9	2,330.39	9	1,969.14	9	1,607.88	9	1,248.56	9	903.37	9	542.46	9	187.58	9		9		9	
1/4	2,322.86	1/4	1,961.61	1/4	1,600.36	1/4	1,241.04	1/4	896.17	1/4	534.93	1/4	180.71	1/4		1/4		1/4	
1/2	2,315.34	1/2	1,954.08	1/2	1,592.86	1/2	1,233.84	1/2	888.65	1/2	527.40	1/2	173.18	1/2		1/2		1/2	
3/4	2,307.81	3/4	1,946.56	3/4	1,585.37	3/4	1,226.65	3/4	881.12	3/4	519.88	3/4	165.66	3/4		3/4		3/4	
10	2,300.28	10	1,939.03	10	1,577.87	10	1,219.45	10	873.60	10	512.35	10	158.13	10		10		10	
1/4	2,292.76	1/4	1,931.51	1/4	1,570.37	1/4	1,212.26	1/4	866.07	1/4	504.83	1/4	150.61	1/4		1/4		1/4	
1/2	2,285.23	1/2	1,923.98	1/2	1,562.97	1/2	1,205.07	1/2	858.54	1/2	497.30	1/2	143.09	1/2		1/2		1/2	
3/4	2,277.71	3/4	1,916.45	3/4	1,555.56	3/4	1,197.89	3/4	851.02	3/4	489.77	3/4	135.58	3/4		3/4		3/4	
11	2,270.18	11	1,908.93	11	1,548.16	11	1,190.71	11	843.49	11	482.25	11	128.06	11		11		11	
1/4	2,262.65	1/4	1,901.40	1/4	1,540.75	1/4	1,183.53	1/4	835.97	1/4	474.72	1/4	120.55	1/4		1/4		1/4	
1/2	2,255.13	1/2	1,893.88	1/2	1,533.35	1/2	1,176.34	1/2	828.44	1/2	467.20	1/2	113.06	1/2		1/2		1/2	
3/4	2,247.60	3/4	1,886.35	3/4	1,525.94	3/4	1,169.16	3/4	820.91	3/4	459.67	3/4	105.57	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/22/2014 PMA  
RECALCULATED: 07/01/2024 CL  
VERIFIED: 07/01/2024 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2024

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



# BARGE "PBL 3423"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,333.99	0	4,162.69	0	3,985.72	0	3,793.86	0	3,600.42	0	3,331.53	0	2,973.43
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,330.02	1/4	4,159.20	1/4	3,981.84	1/4	3,789.83	1/4	3,596.39	1/4	3,324.07	1/4	2,965.96
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,326.05	1/2	4,155.71	1/2	3,977.97	1/2	3,785.80	1/2	3,592.36	1/2	3,316.61	1/2	2,958.48
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,322.07	3/4	4,152.19	3/4	3,974.06	3/4	3,781.77	3/4	3,588.33	3/4	3,309.17	3/4	2,951.00
1		1		1		1	4,318.10	1	4,148.67	1	3,970.16	1	3,777.74	1	3,584.30	1	3,301.72	1	2,943.52
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,314.12	1/4	4,145.15	1/4	3,966.25	1/4	3,773.71	1/4	3,580.27	1/4	3,294.28	1/4	2,936.04
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,310.14	1/2	4,141.63	1/2	3,962.34	1/2	3,769.68	1/2	3,576.24	1/2	3,286.83	1/2	2,928.56
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,306.16	3/4	4,138.08	3/4	3,958.41	3/4	3,765.65	3/4	3,572.21	3/4	3,279.39	3/4	2,921.09
2		2		2		2	4,302.19	2	4,134.53	2	3,954.47	2	3,761.62	2	3,568.18	2	3,271.95	2	2,913.61
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,298.21	1/4	4,130.98	1/4	3,950.53	1/4	3,757.59	1/4	3,564.15	1/4	3,264.50	1/4	2,906.13
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,294.23	1/2	4,127.42	1/2	3,946.59	1/2	3,753.56	1/2	3,560.12	1/2	3,257.06	1/2	2,898.65
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,290.26	3/4	4,123.83	3/4	3,942.63	3/4	3,749.53	3/4	3,556.09	3/4	3,249.61	3/4	2,891.17
3		3		3		3	4,286.28	3	4,120.23	3	3,938.66	3	3,745.50	3	3,552.06	3	3,242.17	3	2,883.70
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,282.30	1/4	4,116.63	1/4	3,934.69	1/4	3,741.47	1/4	3,548.03	1/4	3,234.73	1/4	2,876.22
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,278.33	1/2	4,113.03	1/2	3,930.72	1/2	3,737.44	1/2	3,544.00	1/2	3,227.28	1/2	2,868.74
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,274.73	3/4	4,109.41	3/4	3,926.72	3/4	3,733.41	3/4	3,539.97	3/4	3,219.84	3/4	2,861.26
4		4		4		4	4,271.13	4	4,105.78	4	3,922.72	4	3,729.38	4	3,535.94	4	3,212.39	4	2,853.78
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,267.53	1/4	4,102.15	1/4	3,918.73	1/4	3,725.35	1/4	3,531.91	1/4	3,204.95	1/4	2,846.30
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,263.93	1/2	4,098.52	1/2	3,914.73	1/2	3,721.32	1/2	3,527.88	1/2	3,197.51	1/2	2,838.83
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,260.66	3/4	4,094.86	3/4	3,910.70	3/4	3,717.29	3/4	3,523.85	3/4	3,190.06	3/4	2,831.35
5		5		5		5	4,257.39	5	4,091.20	5	3,906.68	5	3,713.26	5	3,519.82	5	3,182.62	5	2,823.87
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,254.11	1/4	4,087.54	1/4	3,902.66	1/4	3,709.23	1/4	3,515.79	1/4	3,175.17	1/4	2,816.39
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,250.84	1/2	4,083.89	1/2	3,898.64	1/2	3,705.20	1/2	3,511.76	1/2	3,167.73	1/2	2,808.91
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,247.53	3/4	4,080.20	3/4	3,894.61	3/4	3,701.17	3/4	3,507.73	3/4	3,160.29	3/4	2,801.43
6		6		6		6	4,244.23	6	4,076.51	6	3,890.58	6	3,697.14	6	3,503.70	6	3,152.84	6	2,793.96
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,240.92	1/4	4,072.82	1/4	3,886.55	1/4	3,693.11	1/4	3,499.67	1/4	3,145.40	1/4	2,786.48
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,390.82	1/2	4,237.62	1/2	4,069.13	1/2	3,882.52	1/2	3,689.08	1/2	3,495.64	1/2	3,137.95
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,390.58	3/4	4,234.28	3/4	4,065.40	3/4	3,878.49	3/4	3,685.05	3/4	3,488.18	3/4	3,130.48
7		7		7		7	4,390.33	7	4,230.95	7	4,061.68	7	3,874.46	7	3,681.02	7	3,480.72	7	3,123.00
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,390.09	1/4	4,227.61	1/4	4,057.96	1/4	3,870.43	1/4	3,676.99	1/4	3,473.26	1/4	3,115.52
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,389.84	1/2	4,224.28	1/2	4,054.24	1/2	3,866.40	1/2	3,672.96	1/2	3,465.80	1/2	3,108.04
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,388.35	3/4	4,220.91	3/4	4,050.49	3/4	3,862.37	3/4	3,668.93	3/4	3,458.34	3/4	3,100.56
8		8		8		8	4,386.86	8	4,217.55	8	4,046.74	8	3,858.34	8	3,664.90	8	3,450.88	8	3,093.08
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,385.36	1/4	4,214.18	1/4	4,042.99	1/4	3,854.31	1/4	3,660.87	1/4	3,443.42	1/4	3,085.61
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,383.87	1/2	4,210.81	1/2	4,039.23	1/2	3,850.28	1/2	3,656.84	1/2	3,435.96	1/2	3,078.13
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,381.14	3/4	4,207.42	3/4	4,035.45	3/4	3,846.25	3/4	3,652.81	3/4	3,428.50	3/4	3,070.65
9		9		9		9	4,378.41	9	4,204.02	9	4,031.67	9	3,842.22	9	3,648.78	9	3,421.04	9	3,063.17
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,375.68	1/4	4,200.62	1/4	4,027.89	1/4	3,838.19	1/4	3,644.75	1/4	3,413.58	1/4	3,055.69
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,372.95	1/2	4,197.22	1/2	4,024.10	1/2	3,834.16	1/2	3,640.72	1/2	3,406.13	1/2	3,048.22
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,369.16	3/4	4,193.80	3/4	4,020.29	3/4	3,830.13	3/4	3,636.69	3/4	3,398.67	3/4	3,040.74
10		10		10		10	4,365.36	10	4,190.37	10	4,016.48	10	3,826.10	10	3,632.66	10	3,391.21	10	3,033.26
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,361.56	1/4	4,186.94	1/4	4,012.66	1/4	3,822.07	1/4	3,628.63	1/4	3,383.75	1/4	3,025.78
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,357.77	1/2	4,183.51	1/2	4,008.85	1/2	3,818.04	1/2	3,624.60	1/2	3,376.29	1/2	3,018.30
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,353.81	3/4	4,180.05	3/4	4,005.00	3/4	3,814.01	3/4	3,620.57	3/4	3,368.83	3/4	3,010.82
11		11		11		11	4,349.85	11	4,176.59	11	4,001.16	11	3,809.98	11	3,616.54	11	3,361.37	11	3,003.35
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,345.89	1/4	4,173.13	1/4	3,997.32	1/4	3,805.95	1/4	3,612.51	1/4	3,353.91	1/4	2,995.87
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,341.94	1/2	4,169.67	1/2	3,993.47	1/2	3,801.92	1/2	3,608.48	1/2	3,346.45	1/2	2,988.39
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,337.96	3/4	4,166.18	3/4	3,989.60	3/4	3,797.89	3/4	3,604.45	3/4	3,338.99	3/4	2,980.91

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 WITH HERMETIC GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 55'-03" FORWARD OF AFT BULKHEAD.

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



# BARGE "PBL 3423"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,614.19	0	2,254.56	0	1,894.90	0	1,535.75	0	1,176.78	0	817.39	0	457.66	0	105.14	0			
1/4	2,606.70	1/4	2,247.07	1/4	1,887.40	1/4	1,528.34	1/4	1,169.29	1/4	809.90	1/4	450.16	1/4	97.68	1/4			
1/2	2,599.21	1/2	2,239.58	1/2	1,879.91	1/2	1,520.93	1/2	1,161.81	1/2	802.40	1/2	442.67	1/2	90.22	1/2			
3/4	2,591.72	3/4	2,232.08	3/4	1,872.41	3/4	1,513.51	3/4	1,154.32	3/4	794.91	3/4	435.18	3/4	83.35	3/4			
1	2,584.23	1	2,224.59	1	1,864.92	1	1,506.10	1	1,146.84	1	787.41	1	427.68	1	76.48	1			
1/4	2,576.73	1/4	2,217.10	1/4	1,857.42	1/4	1,498.69	1/4	1,139.35	1/4	779.92	1/4	420.19	1/4	69.61	1/4			
1/2	2,569.24	1/2	2,209.61	1/2	1,849.93	1/2	1,491.28	1/2	1,131.87	1/2	772.42	1/2	412.69	1/2	62.75	1/2			
3/4	2,561.75	3/4	2,202.11	3/4	1,842.44	3/4	1,483.84	3/4	1,124.38	3/4	764.93	3/4	405.20	3/4	57.13	3/4			
2	2,554.26	2	2,194.62	2	1,834.94	2	1,476.41	2	1,116.90	2	757.43	2	397.71	2	51.51	2			
1/4	2,546.76	1/4	2,187.13	1/4	1,827.45	1/4	1,468.98	1/4	1,109.41	1/4	749.94	1/4	390.22	1/4	45.88	1/4			
1/2	2,539.27	1/2	2,179.64	1/2	1,819.95	1/2	1,461.55	1/2	1,101.93	1/2	742.45	1/2	382.73	1/2	40.26	1/2			
3/4	2,531.78	3/4	2,172.14	3/4	1,812.46	3/4	1,454.05	3/4	1,094.44	3/4	734.95	3/4	375.24	3/4	35.89	3/4			
3	2,524.29	3	2,164.65	3	1,804.97	3	1,446.56	3	1,086.96	3	727.46	3	367.75	3	31.52	3			
1/4	2,516.80	1/4	2,157.16	1/4	1,797.47	1/4	1,439.06	1/4	1,079.47	1/4	719.96	1/4	360.26	1/4	27.15	1/4			
1/2	2,509.30	1/2	2,149.67	1/2	1,789.98	1/2	1,431.57	1/2	1,071.99	1/2	712.47	1/2	352.77	1/2	22.78	1/2			
3/4	2,501.81	3/4	2,142.18	3/4	1,782.48	3/4	1,424.07	3/4	1,064.50	3/4	704.97	3/4	345.27	3/4		3/4			
4	2,494.32	4	2,134.68	4	1,774.99	4	1,416.58	4	1,057.02	4	697.48	4	337.78	4		4			
1/4	2,486.83	1/4	2,127.19	1/4	1,767.50	1/4	1,409.08	1/4	1,049.53	1/4	689.99	1/4	330.29	1/4		1/4			
1/2	2,479.33	1/2	2,119.70	1/2	1,760.00	1/2	1,401.59	1/2	1,042.05	1/2	682.49	1/2	322.80	1/2		1/2			
3/4	2,471.84	3/4	2,112.21	3/4	1,752.51	3/4	1,394.09	3/4	1,034.56	3/4	675.00	3/4	315.31	3/4		3/4			
5	2,464.35	5	2,104.71	5	1,745.01	5	1,386.60	5	1,027.08	5	667.50	5	307.82	5		5			
1/4	2,456.86	1/4	2,097.22	1/4	1,737.52	1/4	1,379.11	1/4	1,019.59	1/4	660.01	1/4	300.33	1/4		1/4			
1/2	2,449.36	1/2	2,089.73	1/2	1,730.03	1/2	1,371.61	1/2	1,012.11	1/2	652.51	1/2	292.83	1/2		1/2			
3/4	2,441.87	3/4	2,082.24	3/4	1,722.53	3/4	1,364.12	3/4	1,004.62	3/4	645.02	3/4	285.34	3/4		3/4			
6	2,434.38	6	2,074.74	6	1,715.04	6	1,356.62	6	997.13	6	637.52	6	277.85	6		6			
1/4	2,426.89	1/4	2,067.25	1/4	1,707.54	1/4	1,349.13	1/4	989.65	1/4	630.03	1/4	270.36	1/4		1/4			
1/2	2,419.39	1/2	2,059.76	1/2	1,700.05	1/2	1,341.63	1/2	982.16	1/2	622.54	1/2	262.87	1/2		1/2			
3/4	2,411.90	3/4	2,052.27	3/4	1,692.55	3/4	1,334.14	3/4	974.68	3/4	615.04	3/4	255.60	3/4		3/4			
7	2,404.41	7	2,044.77	7	1,685.06	7	1,326.64	7	967.19	7	607.55	7	248.32	7		7			
1/4	2,396.92	1/4	2,037.28	1/4	1,677.57	1/4	1,319.15	1/4	959.71	1/4	600.05	1/4	241.05	1/4		1/4			
1/2	2,389.42	1/2	2,029.79	1/2	1,670.07	1/2	1,311.65	1/2	952.22	1/2	592.56	1/2	233.78	1/2		1/2			
3/4	2,381.93	3/4	2,022.30	3/4	1,662.58	3/4	1,304.16	3/4	944.74	3/4	585.06	3/4	227.16	3/4		3/4			
8	2,374.44	8	2,014.80	8	1,655.08	8	1,296.66	8	937.25	8	577.57	8	220.54	8		8			
1/4	2,366.95	1/4	2,007.31	1/4	1,647.59	1/4	1,289.17	1/4	929.77	1/4	570.07	1/4	213.93	1/4		1/4			
1/2	2,359.45	1/2	1,999.81	1/2	1,640.10	1/2	1,281.67	1/2	922.28	1/2	562.58	1/2	207.31	1/2		1/2			
3/4	2,351.96	3/4	1,992.32	3/4	1,632.60	3/4	1,274.18	3/4	914.80	3/4	555.09	3/4	200.47	3/4		3/4			
9	2,344.47	9	1,984.82	9	1,625.11	9	1,266.68	9	907.31	9	547.59	9	193.64	9		9			
1/4	2,336.98	1/4	1,977.33	1/4	1,617.61	1/4	1,259.19	1/4	899.82	1/4	540.10	1/4	186.80	1/4		1/4			
1/2	2,329.49	1/2	1,969.84	1/2	1,610.12	1/2	1,251.70	1/2	892.33	1/2	532.60	1/2	179.96	1/2		1/2			
3/4	2,321.99	3/4	1,962.34	3/4	1,602.63	3/4	1,244.20	3/4	884.84	3/4	525.11	3/4	172.47	3/4		3/4			
10	2,314.50	10	1,954.85	10	1,595.17	10	1,236.71	10	877.35	10	517.61	10	164.98	10		10			
1/4	2,307.01	1/4	1,947.35	1/4	1,587.70	1/4	1,229.21	1/4	869.85	1/4	510.12	1/4	157.48	1/4		1/4			
1/2	2,299.52	1/2	1,939.86	1/2	1,580.22	1/2	1,221.72	1/2	862.36	1/2	502.63	1/2	149.99	1/2		1/2			
3/4	2,292.02	3/4	1,932.37	3/4	1,572.81	3/4	1,214.22	3/4	854.86	3/4	495.13	3/4	142.51	3/4		3/4			
11	2,284.53	11	1,924.87	11	1,565.40	11	1,206.73	11	847.37	11	487.64	11	135.02	11		11			
1/4	2,277.04	1/4	1,917.38	1/4	1,557.99	1/4	1,199.24	1/4	839.87	1/4	480.14	1/4	127.54	1/4		1/4			
1/2	2,269.55	1/2	1,909.88	1/2	1,550.58	1/2	1,191.75	1/2	832.38	1/2	472.65	1/2	120.05	1/2		1/2			
3/4	2,262.05	3/4	1,902.39	3/4	1,543.16	3/4	1,184.26	3/4	824.88	3/4	465.15	3/4	112.59	3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/22/2014 PMA  
RECALCULATED: 07/01/2024 CL  
VERIFIED: 07/01/2024 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2024

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
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# BARGE "PBL 3423"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,304.91	0	4,134.28	0	3,957.98	0	3,766.79	0	3,574.03	0	3,305.81	0	2,948.49
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,300.95	1/4	4,130.81	1/4	3,954.12	1/4	3,762.78	1/4	3,570.01	1/4	3,298.36	1/4	2,941.03
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,297.00	1/2	4,127.33	1/2	3,950.26	1/2	3,758.76	1/2	3,565.99	1/2	3,290.92	1/2	2,933.58
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,293.03	3/4	4,123.83	3/4	3,946.37	3/4	3,754.75	3/4	3,561.98	3/4	3,283.49	3/4	2,926.12
1	1	1	1	1	1	1	4,289.07	1	4,120.32	1	3,942.47	1	3,750.73	1	3,557.96	1	3,276.06	1	2,918.66
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,285.11	1/4	4,116.81	1/4	3,938.58	1/4	3,746.71	1/4	3,553.95	1/4	3,268.63	1/4	2,911.21
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,281.14	1/2	4,113.30	1/2	3,934.69	1/2	3,742.70	1/2	3,549.93	1/2	3,261.20	1/2	2,903.75
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,277.18	3/4	4,109.77	3/4	3,930.77	3/4	3,738.68	3/4	3,545.91	3/4	3,253.77	3/4	2,896.29
2	2	2	2	2	2	2	4,273.22	2	4,106.23	2	3,926.84	2	3,734.67	2	3,541.90	2	3,246.34	2	2,888.84
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,269.26	1/4	4,102.69	1/4	3,922.92	1/4	3,730.65	1/4	3,537.88	1/4	3,238.91	1/4	2,881.38
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,265.29	1/2	4,099.15	1/2	3,919.00	1/2	3,726.63	1/2	3,533.87	1/2	3,231.48	1/2	2,873.92
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,261.33	3/4	4,095.57	3/4	3,915.04	3/4	3,722.62	3/4	3,529.85	3/4	3,224.05	3/4	2,866.46
3	3	3	3	3	3	3	4,257.37	3	4,091.99	3	3,911.09	3	3,718.60	3	3,525.83	3	3,216.62	3	2,858.99
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,253.40	1/4	4,088.40	1/4	3,907.13	1/4	3,714.59	1/4	3,521.82	1/4	3,209.19	1/4	2,851.53
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,249.44	1/2	4,084.82	1/2	3,903.18	1/2	3,710.57	1/2	3,517.80	1/2	3,201.76	1/2	2,844.07
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,245.86	3/4	4,081.21	3/4	3,899.20	3/4	3,706.55	3/4	3,513.79	3/4	3,194.33	3/4	2,836.60
4	4	4	4	4	4	4	4,242.27	4	4,077.59	4	3,895.21	4	3,702.54	4	3,509.77	4	3,186.90	4	2,829.14
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,238.69	1/4	4,073.98	1/4	3,891.23	1/4	3,698.52	1/4	3,505.75	1/4	3,179.47	1/4	2,821.67
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,235.10	1/2	4,070.36	1/2	3,887.24	1/2	3,694.51	1/2	3,501.74	1/2	3,172.04	1/2	2,814.21
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,231.84	3/4	4,066.72	3/4	3,883.23	3/4	3,690.49	3/4	3,497.72	3/4	3,164.61	3/4	2,806.74
5	5	5	5	5	5	5	4,228.58	5	4,063.07	5	3,879.23	5	3,686.47	5	3,493.71	5	3,157.18	5	2,799.28
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,225.32	1/4	4,059.43	1/4	3,875.22	1/4	3,682.46	1/4	3,489.69	1/4	3,149.75	1/4	2,791.82
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,222.06	1/2	4,055.78	1/2	3,871.21	1/2	3,678.44	1/2	3,485.67	1/2	3,142.32	1/2	2,784.35
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,218.77	3/4	4,052.11	3/4	3,867.19	3/4	3,674.43	3/4	3,481.66	3/4	3,134.89	3/4	2,776.89
6	6	6	6	6	6	6	4,215.48	6	4,048.43	6	3,863.18	6	3,670.41	6	3,477.64	6	3,127.46	6	2,769.42
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,212.19	1/4	4,044.76	1/4	3,859.16	1/4	3,666.39	1/4	3,473.63	1/4	3,120.03	1/4	2,761.96
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,361.43	1/2	4,208.90	1/2	4,041.08	1/2	3,855.15	1/2	3,662.38	1/2	3,469.61	1/2	3,112.60
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,361.20	3/4	4,205.58	3/4	4,037.37	3/4	3,851.13	3/4	3,658.36	3/4	3,462.16	3/4	3,105.13
7	7	7	7	7	7	7	4,360.97	7	4,202.26	7	4,033.67	7	3,847.11	7	3,654.35	7	3,454.72	7	3,097.67
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,360.74	1/4	4,198.94	1/4	4,029.96	1/4	3,843.10	1/4	3,650.33	1/4	3,447.27	1/4	3,090.20
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,360.51	1/2	4,195.62	1/2	4,026.25	1/2	3,839.08	1/2	3,646.31	1/2	3,439.83	1/2	3,082.74
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,359.03	3/4	4,192.26	3/4	4,022.51	3/4	3,835.07	3/4	3,642.30	3/4	3,432.38	3/4	3,075.28
8	8	8	8	8	8	8	4,357.55	8	4,188.91	8	4,018.78	8	3,831.05	8	3,638.28	8	3,424.94	8	3,067.81
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,356.07	1/4	4,185.56	1/4	4,015.04	1/4	3,827.03	1/4	3,634.27	1/4	3,417.49	1/4	3,060.35
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,354.59	1/2	4,182.21	1/2	4,011.30	1/2	3,823.02	1/2	3,630.25	1/2	3,410.05	1/2	3,052.88
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,351.88	3/4	4,178.82	3/4	4,007.53	3/4	3,819.00	3/4	3,626.23	3/4	3,402.60	3/4	3,045.43
9	9	9	9	9	9	9	4,349.16	9	4,175.44	9	4,003.76	9	3,814.99	9	3,622.22	9	3,395.15	9	3,037.97
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,346.45	1/4	4,172.06	1/4	3,999.99	1/4	3,810.97	1/4	3,618.20	1/4	3,387.71	1/4	3,030.51
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,343.73	1/2	4,168.67	1/2	3,996.23	1/2	3,806.95	1/2	3,614.19	1/2	3,380.26	1/2	3,023.06
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,339.95	3/4	4,165.26	3/4	3,992.43	3/4	3,802.94	3/4	3,610.17	3/4	3,372.82	3/4	3,015.60
10	10	10	10	10	10	10	4,336.17	10	4,161.85	10	3,988.63	10	3,798.92	10	3,606.15	10	3,365.37	10	3,008.14
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,332.38	1/4	4,158.43	1/4	3,984.83	1/4	3,794.91	1/4	3,602.14	1/4	3,357.93	1/4	3,000.69
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,328.60	1/2	4,155.02	1/2	3,981.03	1/2	3,790.89	1/2	3,598.12	1/2	3,350.48	1/2	2,993.23
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,324.66	3/4	4,151.57	3/4	3,977.20	3/4	3,786.87	3/4	3,594.11	3/4	3,343.04	3/4	2,985.77
11	11	11	11	11	11	11	4,320.71	11	4,148.13	11	3,973.37	11	3,782.86	11	3,590.09	11	3,335.59	11	2,978.32
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,316.77	1/4	4,144.68	1/4	3,969.54	1/4	3,778.84	1/4	3,586.07	1/4	3,328.14	1/4	2,970.86
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,312.83	1/2	4,141.24	1/2	3,965.71	1/2	3,774.83	1/2	3,582.06	1/2	3,320.70	1/2	2,963.40
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,308.87	3/4	4,137.76	3/4	3,961.84	3/4	3,770.81	3/4	3,578.04	3/4	3,313.25	3/4	2,955.95

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 WITH HERMETIC GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 55'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "PBL 3423"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,590.00	0	2,231.04	0	1,872.04	0	1,514.22	0	1,159.43	0	815.57	0	456.97	0	104.98	0		0	
1/4	2,582.52	1/4	2,223.56	1/4	1,864.56	1/4	1,506.91	1/4	1,152.00	1/4	808.37	1/4	449.48	1/4	97.53	1/4		1/4	
1/2	2,575.04	1/2	2,216.08	1/2	1,857.08	1/2	1,499.60	1/2	1,144.57	1/2	801.17	1/2	442.00	1/2	90.08	1/2		1/2	
3/4	2,567.56	3/4	2,208.60	3/4	1,849.60	3/4	1,492.30	3/4	1,137.43	3/4	793.69	3/4	434.52	3/4	83.23	3/4		3/4	
1	2,560.09	1	2,201.12	1	1,842.12	1	1,484.99	1	1,130.28	1	786.20	1	427.03	1	76.39	1		1	
1/4	2,552.61	1/4	2,193.64	1/4	1,834.64	1/4	1,477.68	1/4	1,123.14	1/4	778.72	1/4	419.55	1/4	69.54	1/4		1/4	
1/2	2,545.13	1/2	2,186.17	1/2	1,827.16	1/2	1,470.38	1/2	1,115.99	1/2	771.24	1/2	412.07	1/2	62.70	1/2		1/2	
3/4	2,537.65	3/4	2,178.69	3/4	1,819.68	3/4	1,463.09	3/4	1,108.85	3/4	763.76	3/4	404.59	3/4	57.09	3/4		3/4	
2	2,530.17	2	2,171.21	2	1,812.20	2	1,455.80	2	1,101.70	2	756.27	2	397.11	2	51.48	2		2	
1/4	2,522.69	1/4	2,163.73	1/4	1,804.72	1/4	1,448.51	1/4	1,094.56	1/4	748.79	1/4	389.63	1/4	45.87	1/4		1/4	
1/2	2,515.22	1/2	2,156.25	1/2	1,797.24	1/2	1,441.23	1/2	1,087.41	1/2	741.31	1/2	382.15	1/2	40.26	1/2		1/2	
3/4	2,507.74	3/4	2,148.77	3/4	1,789.76	3/4	1,433.81	3/4	1,080.27	3/4	733.83	3/4	374.67	3/4	35.89	3/4		3/4	
3	2,500.26	3	2,141.30	3	1,782.28	3	1,426.39	3	1,073.12	3	726.34	3	367.19	3	31.52	3		3	
1/4	2,492.78	1/4	2,133.82	1/4	1,774.80	1/4	1,418.97	1/4	1,065.98	1/4	718.86	1/4	359.71	1/4	27.15	1/4		1/4	
1/2	2,485.30	1/2	2,126.34	1/2	1,767.32	1/2	1,411.55	1/2	1,058.83	1/2	711.38	1/2	352.24	1/2	22.78	1/2		1/2	
3/4	2,477.82	3/4	2,118.86	3/4	1,759.84	3/4	1,404.13	3/4	1,051.69	3/4	703.89	3/4	344.76	3/4		3/4		3/4	
4	2,470.34	4	2,111.38	4	1,752.36	4	1,396.71	4	1,044.54	4	696.41	4	337.28	4		4		4	
1/4	2,462.87	1/4	2,103.90	1/4	1,744.88	1/4	1,389.29	1/4	1,037.39	1/4	688.93	1/4	329.80	1/4		1/4		1/4	
1/2	2,455.39	1/2	2,096.42	1/2	1,737.40	1/2	1,381.87	1/2	1,030.25	1/2	681.45	1/2	322.32	1/2		1/2		1/2	
3/4	2,447.91	3/4	2,088.95	3/4	1,729.92	3/4	1,374.46	3/4	1,023.10	3/4	673.96	3/4	314.84	3/4		3/4		3/4	
5	2,440.43	5	2,081.47	5	1,722.44	5	1,367.04	5	1,015.96	5	666.48	5	307.36	5		5		5	
1/4	2,432.95	1/4	2,073.99	1/4	1,714.96	1/4	1,359.62	1/4	1,008.81	1/4	659.00	1/4	299.88	1/4		1/4		1/4	
1/2	2,425.47	1/2	2,066.51	1/2	1,707.48	1/2	1,352.20	1/2	1,001.67	1/2	651.52	1/2	292.40	1/2		1/2		1/2	
3/4	2,418.00	3/4	2,059.03	3/4	1,700.00	3/4	1,344.78	3/4	994.52	3/4	644.03	3/4	284.92	3/4		3/4		3/4	
6	2,410.52	6	2,051.55	6	1,692.52	6	1,337.36	6	987.38	6	636.55	6	277.44	6		6		6	
1/4	2,403.04	1/4	2,044.08	1/4	1,685.04	1/4	1,329.94	1/4	980.23	1/4	629.07	1/4	269.96	1/4		1/4		1/4	
1/2	2,395.56	1/2	2,036.60	1/2	1,677.56	1/2	1,322.52	1/2	973.09	1/2	621.58	1/2	262.48	1/2		1/2		1/2	
3/4	2,388.08	3/4	2,029.12	3/4	1,670.08	3/4	1,315.10	3/4	965.94	3/4	614.10	3/4	255.22	3/4		3/4		3/4	
7	2,380.60	7	2,021.64	7	1,662.60	7	1,307.69	7	958.80	7	606.62	7	247.96	7		7		7	
1/4	2,373.13	1/4	2,014.16	1/4	1,655.12	1/4	1,300.27	1/4	951.65	1/4	599.14	1/4	240.69	1/4		1/4		1/4	
1/2	2,365.65	1/2	2,006.68	1/2	1,647.64	1/2	1,292.85	1/2	944.51	1/2	591.65	1/2	233.43	1/2		1/2		1/2	
3/4	2,358.17	3/4	1,999.20	3/4	1,640.16	3/4	1,285.43	3/4	937.36	3/4	584.17	3/4	226.83	3/4		3/4		3/4	
8	2,350.69	8	1,991.72	8	1,632.68	8	1,278.01	8	930.22	8	576.69	8	220.22	8		8		8	
1/4	2,343.21	1/4	1,984.24	1/4	1,625.20	1/4	1,270.59	1/4	923.07	1/4	569.21	1/4	213.62	1/4		1/4		1/4	
1/2	2,335.73	1/2	1,976.76	1/2	1,617.72	1/2	1,263.17	1/2	915.92	1/2	561.72	1/2	207.01	1/2		1/2		1/2	
3/4	2,328.26	3/4	1,969.28	3/4	1,610.24	3/4	1,255.75	3/4	908.78	3/4	554.24	3/4	200.19	3/4		3/4		3/4	
9	2,320.78	9	1,961.80	9	1,602.76	9	1,248.33	9	901.63	9	546.76	9	193.36	9		9		9	
1/4	2,313.30	1/4	1,954.32	1/4	1,595.28	1/4	1,240.92	1/4	894.48	1/4	539.28	1/4	186.54	1/4		1/4		1/4	
1/2	2,305.82	1/2	1,946.84	1/2	1,587.80	1/2	1,233.50	1/2	887.33	1/2	531.79	1/2	179.71	1/2		1/2		1/2	
3/4	2,298.34	3/4	1,939.36	3/4	1,580.36	3/4	1,226.09	3/4	880.16	3/4	524.31	3/4	172.23	3/4		3/4		3/4	
10	2,290.86	10	1,931.88	10	1,572.93	10	1,218.69	10	872.99	10	516.83	10	164.75	10		10		10	
1/4	2,283.38	1/4	1,924.40	1/4	1,565.49	1/4	1,211.29	1/4	865.82	1/4	509.34	1/4	157.27	1/4		1/4		1/4	
1/2	2,275.91	1/2	1,916.92	1/2	1,558.05	1/2	1,203.89	1/2	858.65	1/2	501.86	1/2	149.79	1/2		1/2		1/2	
3/4	2,268.43	3/4	1,909.44	3/4	1,550.75	3/4	1,196.49	3/4	851.48	3/4	494.38	3/4	142.31	3/4		3/4		3/4	
11	2,260.95	11	1,901.96	11	1,543.44	11	1,189.09	11	844.31	11	486.90	11	134.83	11		11		11	
1/4	2,253.47	1/4	1,894.48	1/4	1,536.13	1/4	1,181.69	1/4	837.14	1/4	479.41	1/4	127.35	1/4		1/4		1/4	
1/2	2,245.99	1/2	1,887.00	1/2	1,528.83	1/2	1,174.29	1/2	829.97	1/2	471.93	1/2	119.87	1/2		1/2		1/2	
3/4	2,238.51	3/4	1,879.52	3/4	1,521.52	3/4	1,166.86	3/4	822.77	3/4	464.45	3/4	112.42	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/22/2014 PMA  
RECALCULATED: 07/01/2024 CL  
VERIFIED: 07/01/2024 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2024

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "PBL 3423"

# PORT FUEL TANK

## INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-00 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	24	0	1,167	0	2,310	0	3,452	0	4,560	0	5,609	0		0		0		0	
1/4	48	1/4	1,190	1/4	2,333	1/4	3,476	1/4	4,583	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71	1/2	1,214	1/2	2,357	1/2	3,499	1/2	4,605	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	95	3/4	1,238	3/4	2,381	3/4	3,523	3/4	4,628	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	119	1	1,262	1	2,405	1	3,547	1	4,650	1	1	1	1	1	1	1	1	1	1
1/4	143	1/4	1,286	1/4	2,429	1/4	3,570	1/4	4,673	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	167	1/2	1,310	1/2	2,452	1/2	3,594	1/2	4,695	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	190	3/4	1,333	3/4	2,476	3/4	3,617	3/4	4,717	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	214	2	1,357	2	2,500	2	3,641	2	4,740	2	2	2	2	2	2	2	2	2	2
1/4	238	1/4	1,381	1/4	2,524	1/4	3,664	1/4	4,762	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	262	1/2	1,405	1/2	2,548	1/2	3,688	1/2	4,784	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	286	3/4	1,429	3/4	2,571	3/4	3,711	3/4	4,806	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	310	3	1,452	3	2,595	3	3,735	3	4,829	3	3	3	3	3	3	3	3	3	3
1/4	333	1/4	1,476	1/4	2,619	1/4	3,758	1/4	4,851	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	357	1/2	1,500	1/2	2,643	1/2	3,781	1/2	4,873	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	381	3/4	1,524	3/4	2,667	3/4	3,805	3/4	4,895	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	405	4	1,548	4	2,691	4	3,828	4	4,917	4	4	4	4	4	4	4	4	4	4
1/4	429	1/4	1,571	1/4	2,714	1/4	3,851	1/4	4,939	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	452	1/2	1,595	1/2	2,738	1/2	3,874	1/2	4,961	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	476	3/4	1,619	3/4	2,762	3/4	3,898	3/4	4,983	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	500	5	1,643	5	2,786	5	3,921	5	5,005	5	5	5	5	5	5	5	5	5	5
1/4	524	1/4	1,667	1/4	2,810	1/4	3,944	1/4	5,027	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	548	1/2	1,690	1/2	2,833	1/2	3,967	1/2	5,049	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	571	3/4	1,714	3/4	2,857	3/4	3,990	3/4	5,071	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	595	6	1,738	6	2,881	6	4,013	6	5,093	6	6	6	6	6	6	6	6	6	6
1/4	619	1/4	1,762	1/4	2,905	1/4	4,036	1/4	5,115	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	643	1/2	1,786	1/2	2,929	1/2	4,059	1/2	5,137	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	667	3/4	1,810	3/4	2,952	3/4	4,083	3/4	5,159	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	690	7	1,833	7	2,976	7	4,106	7	5,181	7	7	7	7	7	7	7	7	7	7
1/4	714	1/4	1,857	1/4	3,000	1/4	4,128	1/4	5,202	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	738	1/2	1,881	1/2	3,024	1/2	4,151	1/2	5,224	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	762	3/4	1,905	3/4	3,048	3/4	4,174	3/4	5,246	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	786	8	1,929	8	3,071	8	4,197	8	5,267	8	8	8	8	8	8	8	8	8	8
1/4	810	1/4	1,952	1/4	3,095	1/4	4,220	1/4	5,289	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	833	1/2	1,976	1/2	3,119	1/2	4,243	1/2	5,310	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	857	3/4	2,000	3/4	3,143	3/4	4,266	3/4	5,331	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	881	9	2,024	9	3,167	9	4,289	9	5,353	9	9	9	9	9	9	9	9	9	9
1/4	905	1/4	2,048	1/4	3,191	1/4	4,311	1/4	5,374	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	929	1/2	2,071	1/2	3,214	1/2	4,334	1/2	5,395	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	952	3/4	2,095	3/4	3,238	3/4	4,357	3/4	5,416	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	976	10	2,119	10	3,262	10	4,380	10	5,437	10	10	10	10	10	10	10	10	10	10
1/4	1,000	1/4	2,143	1/4	3,286	1/4	4,402	1/4	5,459	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,024	1/2	2,167	1/2	3,310	1/2	4,425	1/2	5,480	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,048	3/4	2,191	3/4	3,333	3/4	4,448	3/4	5,501	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,071	11	2,214	11	3,357	11	4,470	11	5,522	11	11	11	11	11	11	11	11	11	11
1/4	1,095	1/4	2,238	1/4	3,381	1/4	4,493	1/4	5,544	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,119	1/2	2,262	1/2	3,405	1/2	4,515	1/2	5,565	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,143	3/4	2,286	3/4	3,428	3/4	4,538	3/4	5,587	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

STRAPPED: 01/22/2014 SW  
 CALCULATED: 01/24/2014 CL  
 VERIFIED: 07/01/2024 JS

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 07/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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





# BARGE "PBL 3423"

# STBD FUEL TANK

## INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-00 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	25	0	1,205	0	2,385	0	3,564	0	4,710	0	5,795	0		0		0		0	
1/4	49	1/4	1,229	1/4	2,409	1/4	3,589	1/4	4,733	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74	1/2	1,254	1/2	2,434	1/2	3,613	1/2	4,756	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	98	3/4	1,278	3/4	2,458	3/4	3,638	3/4	4,779	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	123	1	1,303	1	2,483	1	3,662	1	4,803	1	1	1	1	1	1	1	1	1	1
1/4	147	1/4	1,327	1/4	2,507	1/4	3,686	1/4	4,826	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	172	1/2	1,352	1/2	2,532	1/2	3,711	1/2	4,849	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	197	3/4	1,377	3/4	2,557	3/4	3,735	3/4	4,872	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	221	2	1,401	2	2,581	2	3,759	2	4,895	2	2	2	2	2	2	2	2	2	2
1/4	246	1/4	1,426	1/4	2,606	1/4	3,783	1/4	4,918	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	270	1/2	1,450	1/2	2,630	1/2	3,808	1/2	4,941	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	295	3/4	1,475	3/4	2,655	3/4	3,832	3/4	4,964	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	320	3	1,500	3	2,680	3	3,856	3	4,987	3	3	3	3	3	3	3	3	3	3
1/4	344	1/4	1,524	1/4	2,704	1/4	3,880	1/4	5,010	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	369	1/2	1,549	1/2	2,729	1/2	3,904	1/2	5,033	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	393	3/4	1,573	3/4	2,753	3/4	3,928	3/4	5,056	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	418	4	1,598	4	2,778	4	3,952	4	5,079	4	4	4	4	4	4	4	4	4	4
1/4	442	1/4	1,622	1/4	2,802	1/4	3,976	1/4	5,102	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	467	1/2	1,647	1/2	2,827	1/2	4,000	1/2	5,125	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	492	3/4	1,672	3/4	2,852	3/4	4,025	3/4	5,147	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	516	5	1,696	5	2,876	5	4,049	5	5,170	5	5	5	5	5	5	5	5	5	5
1/4	541	1/4	1,721	1/4	2,901	1/4	4,072	1/4	5,193	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	565	1/2	1,745	1/2	2,925	1/2	4,096	1/2	5,216	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	590	3/4	1,770	3/4	2,950	3/4	4,120	3/4	5,238	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	615	6	1,795	6	2,974	6	4,144	6	5,261	6	6	6	6	6	6	6	6	6	6
1/4	639	1/4	1,819	1/4	2,999	1/4	4,168	1/4	5,284	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	664	1/2	1,844	1/2	3,024	1/2	4,192	1/2	5,306	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	688	3/4	1,868	3/4	3,048	3/4	4,216	3/4	5,329	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	713	7	1,893	7	3,073	7	4,239	7	5,352	7	7	7	7	7	7	7	7	7	7
1/4	737	1/4	1,917	1/4	3,097	1/4	4,263	1/4	5,374	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	762	1/2	1,942	1/2	3,122	1/2	4,287	1/2	5,396	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	787	3/4	1,967	3/4	3,147	3/4	4,311	3/4	5,419	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	811	8	1,991	8	3,171	8	4,334	8	5,441	8	8	8	8	8	8	8	8	8	8
1/4	836	1/4	2,016	1/4	3,196	1/4	4,358	1/4	5,463	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	860	1/2	2,040	1/2	3,220	1/2	4,382	1/2	5,486	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	885	3/4	2,065	3/4	3,245	3/4	4,405	3/4	5,508	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	910	9	2,090	9	3,269	9	4,429	9	5,530	9	9	9	9	9	9	9	9	9	9
1/4	934	1/4	2,114	1/4	3,294	1/4	4,452	1/4	5,552	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	959	1/2	2,139	1/2	3,319	1/2	4,476	1/2	5,574	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	983	3/4	2,163	3/4	3,343	3/4	4,499	3/4	5,596	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,008	10	2,188	10	3,368	10	4,523	10	5,618	10	10	10	10	10	10	10	10	10	10
1/4	1,032	1/4	2,212	1/4	3,392	1/4	4,546	1/4	5,640	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,057	1/2	2,237	1/2	3,417	1/2	4,570	1/2	5,662	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,082	3/4	2,262	3/4	3,442	3/4	4,593	3/4	5,683	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,106	11	2,286	11	3,466	11	4,617	11	5,705	11	11	11	11	11	11	11	11	11	11
1/4	1,131	1/4	2,311	1/4	3,491	1/4	4,640	1/4	5,728	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,155	1/2	2,335	1/2	3,515	1/2	4,663	1/2	5,750	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,180	3/4	2,360	3/4	3,540	3/4	4,686	3/4	5,773	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

STRAPPED: 01/22/2014 SW  
 CALCULATED: 01/24/2014 CL  
 VERIFIED: 07/01/2024 JS

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