



# BARGE "IB 1114"

## 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 CENTER	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
2 CENTER	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-0/8	01-0/8
3 CENTER	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-0/8	01-0/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 CENTER IS 00 3/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 3/8"

LENGTH BETWEEN DRAFT MARKS: 163'-00"

June 19, 2018

PRECISION MEASUREMENT  
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# BARGE "IB 1114"

# 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 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	3,734.53	0	3,481.02	0	3,227.52	0	2,974.02	0	2,694.67	0	2,398.30	0	2,101.94	0	1,805.56
1/4		1/4	3,962.37	1/4	3,729.25	1/4	3,475.74	1/4	3,222.24	1/4	2,968.74	1/4	2,688.49	1/4	2,392.12	1/4	2,095.77	1/4	1,799.39
1/2		1/2	3,960.25	1/2	3,723.96	1/2	3,470.46	1/2	3,216.96	1/2	2,963.46	1/2	2,682.32	1/2	2,385.95	1/2	2,089.59	1/2	1,793.22
3/4		3/4	3,958.12	3/4	3,718.68	3/4	3,465.18	3/4	3,211.68	3/4	2,958.18	3/4	2,676.14	3/4	2,379.77	3/4	2,083.42	3/4	1,787.04
1		1	3,956.00	1	3,713.40	1	3,459.90	1	3,206.40	1	2,952.89	1	2,669.97	1	2,373.60	1	2,077.24	1	1,780.87
1/4		1/4	3,953.87	1/4	3,708.12	1/4	3,454.62	1/4	3,201.12	1/4	2,947.61	1/4	2,663.79	1/4	2,367.43	1/4	2,071.07	1/4	1,774.69
1/2		1/2	3,950.18	1/2	3,702.84	1/2	3,449.34	1/2	3,195.83	1/2	2,942.33	1/2	2,657.62	1/2	2,361.25	1/2	2,064.89	1/2	1,768.52
3/4		3/4	3,946.49	3/4	3,697.56	3/4	3,444.06	3/4	3,190.55	3/4	2,937.05	3/4	2,651.44	3/4	2,355.08	3/4	2,058.72	3/4	1,762.34
2		2	3,942.79	2	3,692.28	2	3,438.77	2	3,185.27	2	2,931.77	2	2,645.27	2	2,348.91	2	2,052.54	2	1,756.17
1/4		1/4	3,939.10	1/4	3,687.00	1/4	3,433.49	1/4	3,179.99	1/4	2,926.49	1/4	2,639.10	1/4	2,342.73	1/4	2,046.37	1/4	1,749.99
1/2		1/2	3,934.14	1/2	3,681.71	1/2	3,428.21	1/2	3,174.71	1/2	2,921.21	1/2	2,632.92	1/2	2,336.56	1/2	2,040.20	1/2	1,743.82
3/4		3/4	3,929.18	3/4	3,676.43	3/4	3,422.93	3/4	3,169.43	3/4	2,915.93	3/4	2,626.75	3/4	2,330.38	3/4	2,034.02	3/4	1,737.64
3		3	3,924.21	3	3,671.15	3	3,417.65	3	3,164.15	3	2,910.64	3	2,620.57	3	2,324.21	3	2,027.85	3	1,731.47
1/4		1/4	3,919.25	1/4	3,665.87	1/4	3,412.37	1/4	3,158.87	1/4	2,905.36	1/4	2,614.40	1/4	2,318.04	1/4	2,021.67	1/4	1,725.30
1/2		1/2	3,913.99	1/2	3,660.59	1/2	3,407.09	1/2	3,153.58	1/2	2,900.09	1/2	2,608.22	1/2	2,311.86	1/2	2,015.50	1/2	1,719.12
3/4		3/4	3,908.74	3/4	3,655.31	3/4	3,401.80	3/4	3,148.30	3/4	2,894.81	3/4	2,602.05	3/4	2,305.69	3/4	2,009.32	3/4	1,712.95
4		4	3,903.48	4	3,650.03	4	3,396.52	4	3,143.02	4	2,889.54	4	2,595.87	4	2,299.51	4	2,003.15	4	1,706.77
1/4		1/4	3,898.22	1/4	3,644.74	1/4	3,391.24	1/4	3,137.74	1/4	2,884.26	1/4	2,589.70	1/4	2,293.34	1/4	1,996.97	1/4	1,700.60
1/2		1/2	3,892.95	1/2	3,639.46	1/2	3,385.96	1/2	3,132.46	1/2	2,878.54	1/2	2,583.52	1/2	2,287.17	1/2	1,990.80	1/2	1,694.43
3/4		3/4	3,887.67	3/4	3,634.18	3/4	3,380.68	3/4	3,127.18	3/4	2,872.82	3/4	2,577.35	3/4	2,280.99	3/4	1,984.62	3/4	1,688.26
5		5	3,882.39	5	3,628.90	5	3,375.40	5	3,121.90	5	2,867.10	5	2,571.18	5	2,274.82	5	1,978.45	5	1,682.10
1/4		1/4	3,877.12	1/4	3,623.62	1/4	3,370.12	1/4	3,116.61	1/4	2,861.38	1/4	2,565.00	1/4	2,268.65	1/4	1,972.28	1/4	1,675.93
1/2		1/2	3,871.84	1/2	3,618.34	1/2	3,364.84	1/2	3,111.33	1/2	2,855.20	1/2	2,558.83	1/2	2,262.47	1/2	1,966.10	1/2	1,669.77
3/4		3/4	3,866.56	3/4	3,613.06	3/4	3,359.55	3/4	3,106.05	3/4	2,849.03	3/4	2,552.65	3/4	2,256.30	3/4	1,959.93	3/4	1,663.61
6		6	3,861.28	6	3,607.78	6	3,354.27	6	3,100.77	6	2,842.85	6	2,546.48	6	2,250.13	6	1,953.75	6	1,657.45
1/4		1/4	3,856.00	1/4	3,602.49	1/4	3,348.99	1/4	3,095.49	1/4	2,836.68	1/4	2,540.30	1/4	2,243.95	1/4	1,947.58	1/4	1,651.29
1/2		1/2	3,850.72	1/2	3,597.21	1/2	3,343.71	1/2	3,090.21	1/2	2,830.50	1/2	2,534.13	1/2	2,237.78	1/2	1,941.40	1/2	1,645.13
3/4		3/4	3,845.43	3/4	3,591.93	3/4	3,338.43	3/4	3,084.93	3/4	2,824.33	3/4	2,527.95	3/4	2,231.60	3/4	1,935.23	3/4	1,638.97
7		7	3,840.15	7	3,586.65	7	3,333.15	7	3,079.65	7	2,818.16	7	2,521.78	7	2,225.43	7	1,929.05	7	1,632.81
1/4		1/4	3,834.87	1/4	3,581.37	1/4	3,327.87	1/4	3,074.36	1/4	2,811.98	1/4	2,515.61	1/4	2,219.26	1/4	1,922.88	1/4	1,626.65
1/2		1/2	3,829.59	1/2	3,576.09	1/2	3,322.59	1/2	3,069.08	1/2	2,805.81	1/2	2,509.43	1/2	2,213.08	1/2	1,916.71	1/2	1,620.49
3/4		3/4	3,824.31	3/4	3,570.81	3/4	3,317.30	3/4	3,063.80	3/4	2,799.63	3/4	2,503.26	3/4	2,206.91	3/4	1,910.53	3/4	1,614.33
8		8	3,819.03	8	3,565.53	8	3,312.02	8	3,058.52	8	2,793.46	8	2,497.08	8	2,200.73	8	1,904.36	8	1,608.17
1/4		1/4	3,813.75	1/4	3,560.24	1/4	3,306.74	1/4	3,053.24	1/4	2,787.28	1/4	2,490.91	1/4	2,194.56	1/4	1,898.18	1/4	1,602.01
1/2		1/2	3,808.47	1/2	3,554.96	1/2	3,301.46	1/2	3,047.96	1/2	2,781.11	1/2	2,484.73	1/2	2,188.38	1/2	1,892.01	1/2	1,595.85
3/4		3/4	3,803.18	3/4	3,549.68	3/4	3,296.18	3/4	3,042.68	3/4	2,774.93	3/4	2,478.56	3/4	2,182.21	3/4	1,885.83	3/4	1,589.69
9		9	3,797.90	9	3,544.40	9	3,290.90	9	3,037.40	9	2,768.76	9	2,472.38	9	2,176.03	9	1,879.66	9	1,583.53
1/4		1/4	3,792.62	1/4	3,539.12	1/4	3,285.62	1/4	3,032.11	1/4	2,762.59	1/4	2,466.21	1/4	2,169.86	1/4	1,873.48	1/4	1,577.37
1/2		1/2	3,787.34	1/2	3,533.84	1/2	3,280.34	1/2	3,026.83	1/2	2,756.41	1/2	2,460.03	1/2	2,163.69	1/2	1,867.31	1/2	1,571.21
3/4		3/4	3,782.06	3/4	3,528.56	3/4	3,275.05	3/4	3,021.55	3/4	2,750.24	3/4	2,453.86	3/4	2,157.51	3/4	1,861.13	3/4	1,565.05
10		10	3,776.78	10	3,523.27	10	3,269.77	10	3,016.27	10	2,744.06	10	2,447.69	10	2,151.34	10	1,854.96	10	1,558.88
1/4		1/4	3,771.50	1/4	3,517.99	1/4	3,264.49	1/4	3,010.99	1/4	2,737.89	1/4	2,441.51	1/4	2,145.16	1/4	1,848.79	1/4	1,552.72
1/2		1/2	3,766.21	1/2	3,512.71	1/2	3,259.21	1/2	3,005.71	1/2	2,731.71	1/2	2,435.34	1/2	2,138.99	1/2	1,842.61	1/2	1,546.56
3/4		3/4	3,760.93	3/4	3,507.43	3/4	3,253.93	3/4	3,000.43	3/4	2,725.54	3/4	2,429.16	3/4	2,132.81	3/4	1,836.44	3/4	1,540.40
11		11	3,755.65	11	3,502.15	11	3,248.65	11	2,995.14	11	2,719.36	11	2,422.99	11	2,126.64	11	1,830.26	11	1,534.24
1/4		1/4	3,750.37	1/4	3,496.87	1/4	3,243.37	1/4	2,989.86	1/4	2,713.19	1/4	2,416.82	1/4	2,120.46	1/4	1,824.09	1/4	1,528.08
1/2		1/2	3,745.09	1/2	3,491.59	1/2	3,238.08	1/2	2,984.58	1/2	2,707.01	1/2	2,410.64	1/2	2,114.29	1/2	1,817.91	1/2	1,521.92
3/4		3/4	3,739.81	3/4	3,486.31	3/4	3,232.80	3/4	2,979.30	3/4	2,700.84	3/4	2,404.47	3/4	2,108.11	3/4	1,811.74	3/4	1,515.76

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 INNAE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 30'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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# BARGE "IB 1114"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,509.60	0	1,213.50	0	918.01	0	626.93	0	330.55	0	36.43	0		0		0		0	
1/4	1,503.44	1/4	1,207.33	1/4	911.99	1/4	620.76	1/4	324.37	1/4	30.82	1/4		1/4		1/4		1/4	
1/2	1,497.28	1/2	1,201.16	1/2	905.96	1/2	614.59	1/2	318.20	1/2	26.70	1/2		1/2		1/2		1/2	
3/4	1,491.12	3/4	1,194.99	3/4	899.94	3/4	608.41	3/4	312.02	3/4	22.58	3/4		3/4		3/4		3/4	
1	1,484.96	1	1,188.81	1	893.92	1	602.24	1	305.85	1	18.46	1		1		1		1	
1/4	1,478.80	1/4	1,182.64	1/4	887.89	1/4	596.06	1/4	299.67	1/4	14.34	1/4		1/4		1/4		1/4	
1/2	1,472.64	1/2	1,176.47	1/2	881.87	1/2	589.89	1/2	293.50	1/2	12.28	1/2		1/2		1/2		1/2	
3/4	1,466.48	3/4	1,170.30	3/4	875.85	3/4	583.71	3/4	287.32	3/4	10.22	3/4		3/4		3/4		3/4	
2	1,460.32	2	1,164.13	2	869.83	2	577.54	2	281.15	2	8.16	2		2		2		2	
1/4	1,454.16	1/4	1,157.96	1/4	863.80	1/4	571.36	1/4	274.97	1/4	6.09	1/4		1/4		1/4		1/4	
1/2	1,448.00	1/2	1,151.79	1/2	857.78	1/2	565.19	1/2	268.80	1/2		1/2		1/2		1/2		1/2	
3/4	1,441.83	3/4	1,145.61	3/4	851.76	3/4	559.01	3/4	262.62	3/4		3/4		3/4		3/4		3/4	
3	1,435.66	3	1,139.44	3	845.73	3	552.84	3	256.45	3		3		3		3		3	
1/4	1,429.50	1/4	1,133.27	1/4	839.71	1/4	546.66	1/4	250.28	1/4		1/4		1/4		1/4		1/4	
1/2	1,423.33	1/2	1,127.10	1/2	833.69	1/2	540.49	1/2	244.10	1/2		1/2		1/2		1/2		1/2	
3/4	1,417.16	3/4	1,120.93	3/4	827.66	3/4	534.31	3/4	237.92	3/4		3/4		3/4		3/4		3/4	
4	1,410.98	4	1,114.76	4	821.64	4	528.14	4	231.74	4		4		4		4		4	
1/4	1,404.81	1/4	1,108.59	1/4	815.62	1/4	521.96	1/4	225.56	1/4		1/4		1/4		1/4		1/4	
1/2	1,398.64	1/2	1,102.41	1/2	809.60	1/2	515.79	1/2	219.38	1/2		1/2		1/2		1/2		1/2	
3/4	1,392.47	3/4	1,096.24	3/4	803.57	3/4	509.62	3/4	213.20	3/4		3/4		3/4		3/4		3/4	
5	1,386.30	5	1,090.07	5	797.55	5	503.44	5	207.02	5		5		5		5		5	
1/4	1,380.13	1/4	1,083.90	1/4	791.53	1/4	497.27	1/4	200.84	1/4		1/4		1/4		1/4		1/4	
1/2	1,373.96	1/2	1,077.73	1/2	785.50	1/2	491.09	1/2	194.66	1/2		1/2		1/2		1/2		1/2	
3/4	1,367.79	3/4	1,071.56	3/4	779.48	3/4	484.92	3/4	188.48	3/4		3/4		3/4		3/4		3/4	
6	1,361.61	6	1,065.39	6	773.46	6	478.74	6	182.30	6		6		6		6		6	
1/4	1,355.44	1/4	1,059.22	1/4	767.43	1/4	472.57	1/4	176.12	1/4		1/4		1/4		1/4		1/4	
1/2	1,349.27	1/2	1,053.04	1/2	761.41	1/2	466.39	1/2	169.95	1/2		1/2		1/2		1/2		1/2	
3/4	1,343.10	3/4	1,046.87	3/4	755.39	3/4	460.22	3/4	163.77	3/4		3/4		3/4		3/4		3/4	
7	1,336.93	7	1,040.70	7	749.37	7	454.04	7	157.60	7		7		7		7		7	
1/4	1,330.76	1/4	1,034.53	1/4	743.34	1/4	447.87	1/4	151.42	1/4		1/4		1/4		1/4		1/4	
1/2	1,324.59	1/2	1,028.36	1/2	737.32	1/2	441.69	1/2	145.25	1/2		1/2		1/2		1/2		1/2	
3/4	1,318.41	3/4	1,022.19	3/4	731.30	3/4	435.52	3/4	139.08	3/4		3/4		3/4		3/4		3/4	
8	1,312.24	8	1,016.02	8	725.27	8	429.34	8	132.91	8		8		8		8		8	
1/4	1,306.07	1/4	1,009.84	1/4	719.25	1/4	423.17	1/4	126.74	1/4		1/4		1/4		1/4		1/4	
1/2	1,299.90	1/2	1,003.67	1/2	713.15	1/2	416.99	1/2	120.58	1/2		1/2		1/2		1/2		1/2	
3/4	1,293.73	3/4	997.50	3/4	707.05	3/4	410.82	3/4	114.42	3/4		3/4		3/4		3/4		3/4	
9	1,287.56	9	991.33	9	700.95	9	404.65	9	108.26	9		9		9		9		9	
1/4	1,281.39	1/4	985.16	1/4	694.86	1/4	398.47	1/4	102.11	1/4		1/4		1/4		1/4		1/4	
1/2	1,275.21	1/2	978.99	1/2	688.68	1/2	392.30	1/2	95.97	1/2		1/2		1/2		1/2		1/2	
3/4	1,269.04	3/4	972.82	3/4	682.51	3/4	386.12	3/4	89.84	3/4		3/4		3/4		3/4		3/4	
10	1,262.87	10	966.64	10	676.33	10	379.95	10	83.71	10		10		10		10		10	
1/4	1,256.70	1/4	960.47	1/4	670.16	1/4	373.77	1/4	77.58	1/4		1/4		1/4		1/4		1/4	
1/2	1,250.53	1/2	954.38	1/2	663.98	1/2	367.60	1/2	71.49	1/2		1/2		1/2		1/2		1/2	
3/4	1,244.36	3/4	948.28	3/4	657.81	3/4	361.42	3/4	65.41	3/4		3/4		3/4		3/4		3/4	
11	1,238.19	11	942.18	11	651.63	11	355.25	11	59.32	11		11		11		11		11	
1/4	1,232.01	1/4	936.08	1/4	645.46	1/4	349.07	1/4	53.23	1/4		1/4		1/4		1/4		1/4	
1/2	1,225.84	1/2	930.06	1/2	639.28	1/2	342.90	1/2	47.63	1/2		1/2		1/2		1/2		1/2	
3/4	1,219.67	3/4	924.03	3/4	633.11	3/4	336.72	3/4	42.03	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/19/2018 SW  
CALCULATED: 06/19/2018 CL  
PRINTED: 06/20/2018 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2018

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



# BARGE "IB 1114"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 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	3,443.83	0	3,180.96	0	2,918.09	0	2,655.22	0	2,392.34	0	2,129.47	0	1,866.60	0	1,603.73
1/4		1/4		1/4	3,438.36	1/4	3,175.48	1/4	2,912.61	1/4	2,649.74	1/4	2,386.87	1/4	2,124.00	1/4	1,861.12	1/4	1,598.25
1/2		1/2		1/2	3,676.11	1/2	3,432.88	1/2	3,170.01	1/2	2,907.14	1/2	2,644.26	1/2	2,381.39	1/2	2,118.52	1/2	1,592.78
3/4		3/4		3/4	3,673.83	3/4	3,427.40	3/4	3,164.53	3/4	2,901.66	3/4	2,638.79	3/4	2,375.92	3/4	2,113.04	3/4	1,587.30
1		1		1	3,671.55	1	3,421.93	1	3,159.05	1	2,896.18	1	2,633.31	1	2,370.44	1	2,107.57	1	1,581.82
1/4		1/4		1/4	3,669.26	1/4	3,416.45	1/4	3,153.58	1/4	2,890.71	1/4	2,627.83	1/4	2,364.96	1/4	2,102.09	1/4	1,576.35
1/2		1/2		1/2	3,666.98	1/2	3,410.97	1/2	3,148.10	1/2	2,885.23	1/2	2,622.36	1/2	2,359.49	1/2	2,096.61	1/2	1,570.87
3/4		3/4		3/4	3,662.91	3/4	3,405.50	3/4	3,142.63	3/4	2,879.75	3/4	2,616.88	3/4	2,354.01	3/4	2,091.14	3/4	1,565.39
2		2		2	3,658.84	2	3,400.02	2	3,137.15	2	2,874.28	2	2,611.40	2	2,348.53	2	2,085.66	2	1,559.92
1/4		1/4		1/4	3,654.77	1/4	3,394.54	1/4	3,131.67	1/4	2,868.80	1/4	2,605.93	1/4	2,343.06	1/4	2,080.18	1/4	1,554.44
1/2		1/2		1/2	3,650.70	1/2	3,389.07	1/2	3,126.20	1/2	2,863.32	1/2	2,600.45	1/2	2,337.58	1/2	2,074.71	1/2	1,548.96
3/4		3/4		3/4	3,645.51	3/4	3,383.59	3/4	3,120.72	3/4	2,857.85	3/4	2,594.98	3/4	2,332.10	3/4	2,069.23	3/4	1,543.49
3		3		3	3,640.32	3	3,378.11	3	3,115.24	3	2,852.37	3	2,589.50	3	2,326.63	3	2,063.75	3	1,538.01
1/4		1/4		1/4	3,635.12	1/4	3,372.64	1/4	3,109.77	1/4	2,846.89	1/4	2,584.02	1/4	2,321.15	1/4	2,058.28	1/4	1,532.53
1/2		1/2		1/2	3,629.93	1/2	3,367.16	1/2	3,104.29	1/2	2,841.42	1/2	2,578.55	1/2	2,315.67	1/2	2,052.80	1/2	1,527.06
3/4		3/4		3/4	3,624.47	3/4	3,361.69	3/4	3,098.81	3/4	2,835.94	3/4	2,573.07	3/4	2,310.20	3/4	2,047.33	3/4	1,521.58
4		4		4	3,619.02	4	3,356.21	4	3,093.34	4	2,830.46	4	2,567.59	4	2,304.72	4	2,041.85	4	1,516.10
1/4		1/4		1/4	3,613.56	1/4	3,350.73	1/4	3,087.86	1/4	2,824.99	1/4	2,562.12	1/4	2,299.24	1/4	2,036.37	1/4	1,510.63
1/2		1/2		1/2	3,608.10	1/2	3,345.26	1/2	3,082.38	1/2	2,819.51	1/2	2,556.64	1/2	2,293.77	1/2	2,030.90	1/2	1,505.15
3/4		3/4		3/4	3,602.63	3/4	3,339.78	3/4	3,076.91	3/4	2,814.04	3/4	2,551.16	3/4	2,288.29	3/4	2,025.42	3/4	1,499.68
5		5		5	3,597.16	5	3,334.30	5	3,071.43	5	2,808.56	5	2,545.69	5	2,282.81	5	2,019.94	5	1,494.20
1/4		1/4		1/4	3,591.69	1/4	3,328.83	1/4	3,065.95	1/4	2,803.08	1/4	2,540.21	1/4	2,277.34	1/4	2,014.47	1/4	1,488.72
1/2		1/2		1/2	3,586.22	1/2	3,323.35	1/2	3,060.48	1/2	2,797.61	1/2	2,534.73	1/2	2,271.86	1/2	2,008.99	1/2	1,483.25
3/4		3/4		3/4	3,580.74	3/4	3,317.87	3/4	3,055.00	3/4	2,792.13	3/4	2,529.26	3/4	2,266.39	3/4	2,003.51	3/4	1,477.77
6		6		6	3,575.27	6	3,312.40	6	3,049.52	6	2,786.65	6	2,523.78	6	2,260.91	6	1,998.04	6	1,472.29
1/4		1/4		1/4	3,569.79	1/4	3,306.92	1/4	3,044.05	1/4	2,781.18	1/4	2,518.30	1/4	2,255.43	1/4	1,992.56	1/4	1,466.82
1/2		1/2		1/2	3,564.32	1/2	3,301.44	1/2	3,038.57	1/2	2,775.70	1/2	2,512.83	1/2	2,249.96	1/2	1,987.08	1/2	1,461.34
3/4		3/4		3/4	3,558.84	3/4	3,295.97	3/4	3,033.10	3/4	2,770.22	3/4	2,507.35	3/4	2,244.48	3/4	1,981.61	3/4	1,455.86
7		7		7	3,553.36	7	3,290.49	7	3,027.62	7	2,764.75	7	2,501.87	7	2,239.00	7	1,976.13	7	1,450.39
1/4		1/4		1/4	3,547.89	1/4	3,285.01	1/4	3,022.14	1/4	2,759.27	1/4	2,496.40	1/4	2,233.53	1/4	1,970.65	1/4	1,444.91
1/2		1/2		1/2	3,542.41	1/2	3,279.54	1/2	3,016.67	1/2	2,753.79	1/2	2,490.92	1/2	2,228.05	1/2	1,965.18	1/2	1,439.43
3/4		3/4		3/4	3,536.93	3/4	3,274.06	3/4	3,011.19	3/4	2,748.32	3/4	2,485.45	3/4	2,222.57	3/4	1,959.70	3/4	1,433.96
8		8		8	3,531.46	8	3,268.58	8	3,005.71	8	2,742.84	8	2,479.97	8	2,217.10	8	1,954.22	8	1,428.48
1/4		1/4		1/4	3,525.98	1/4	3,263.11	1/4	3,000.24	1/4	2,737.36	1/4	2,474.49	1/4	2,211.62	1/4	1,948.75	1/4	1,423.00
1/2		1/2		1/2	3,520.50	1/2	3,257.63	1/2	2,994.76	1/2	2,731.89	1/2	2,469.02	1/2	2,206.14	1/2	1,943.27	1/2	1,417.53
3/4		3/4		3/4	3,515.03	3/4	3,252.16	3/4	2,989.28	3/4	2,726.41	3/4	2,463.54	3/4	2,200.67	3/4	1,937.80	3/4	1,412.05
9		9		9	3,509.55	9	3,246.68	9	2,983.81	9	2,720.93	9	2,458.06	9	2,195.19	9	1,932.32	9	1,406.57
1/4		1/4		1/4	3,504.07	1/4	3,241.20	1/4	2,978.33	1/4	2,715.46	1/4	2,452.59	1/4	2,189.71	1/4	1,926.84	1/4	1,401.10
1/2		1/2		1/2	3,498.60	1/2	3,235.73	1/2	2,972.85	1/2	2,709.98	1/2	2,447.11	1/2	2,184.24	1/2	1,921.37	1/2	1,395.62
3/4		3/4		3/4	3,493.12	3/4	3,230.25	3/4	2,967.38	3/4	2,704.51	3/4	2,441.63	3/4	2,178.76	3/4	1,915.89	3/4	1,390.15
10		10		10	3,487.64	10	3,224.77	10	2,961.90	10	2,699.03	10	2,436.16	10	2,173.28	10	1,910.41	10	1,384.67
1/4		1/4		1/4	3,482.17	1/4	3,219.30	1/4	2,956.42	1/4	2,693.55	1/4	2,430.68	1/4	2,167.81	1/4	1,904.94	1/4	1,379.19
1/2		1/2		1/2	3,476.69	1/2	3,213.82	1/2	2,950.95	1/2	2,688.08	1/2	2,425.20	1/2	2,162.33	1/2	1,899.46	1/2	1,373.72
3/4		3/4		3/4	3,471.22	3/4	3,208.34	3/4	2,945.47	3/4	2,682.60	3/4	2,419.73	3/4	2,156.86	3/4	1,893.98	3/4	1,368.24
11		11		11	3,465.74	11	3,202.87	11	2,939.99	11	2,677.12	11	2,414.25	11	2,151.38	11	1,888.51	11	1,362.76
1/4		1/4		1/4	3,460.26	1/4	3,197.39	1/4	2,934.52	1/4	2,671.65	1/4	2,408.77	1/4	2,145.90	1/4	1,883.03	1/4	1,357.29
1/2		1/2		1/2	3,454.79	1/2	3,191.91	1/2	2,929.04	1/2	2,666.17	1/2	2,403.30	1/2	2,140.43	1/2	1,877.55	1/2	1,351.81
3/4		3/4		3/4	3,449.31	3/4	3,186.44	3/4	2,923.57	3/4	2,660.69	3/4	2,397.82	3/4	2,134.95	3/4	1,872.08	3/4	1,346.33

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 INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "IB 1114"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,340.86	0	1,077.98	0	815.71	0	558.23	0	295.37	0	34.26	0		0		0		0	
1/4	1,335.38	1/4	1,072.51	1/4	810.38	1/4	552.76	1/4	289.89	1/4	29.30	1/4		1/4		1/4		1/4	
1/2	1,329.90	1/2	1,067.03	1/2	805.05	1/2	547.28	1/2	284.42	1/2	24.34	1/2		1/2		1/2		1/2	
3/4	1,324.43	3/4	1,061.56	3/4	799.72	3/4	541.80	3/4	278.94	3/4	20.69	3/4		3/4		3/4		3/4	
1	1,318.95	1	1,056.08	1	794.40	1	536.33	1	273.46	1	17.04	1		1		1		1	
1/4	1,313.47	1/4	1,050.60	1/4	789.07	1/4	530.85	1/4	267.99	1/4	13.40	1/4		1/4		1/4		1/4	
1/2	1,308.00	1/2	1,045.13	1/2	783.74	1/2	525.37	1/2	262.51	1/2	9.75	1/2		1/2		1/2		1/2	
3/4	1,302.52	3/4	1,039.65	3/4	778.41	3/4	519.90	3/4	257.03	3/4	7.92	3/4		3/4		3/4		3/4	
2	1,297.04	2	1,034.17	2	773.09	2	514.42	2	251.56	2	6.10	2		2		2		2	
1/4	1,291.57	1/4	1,028.70	1/4	767.76	1/4	508.94	1/4	246.08	1/4	4.27	1/4		1/4		1/4		1/4	
1/2	1,286.09	1/2	1,023.22	1/2	762.43	1/2	503.47	1/2	240.61	1/2	2.45	1/2		1/2		1/2		1/2	
3/4	1,280.62	3/4	1,017.74	3/4	757.11	3/4	497.99	3/4	235.13	3/4		3/4		3/4		3/4		3/4	
3	1,275.14	3	1,012.27	3	751.78	3	492.52	3	229.65	3		3		3		3		3	
1/4	1,269.66	1/4	1,006.79	1/4	746.45	1/4	487.04	1/4	224.18	1/4		1/4		1/4		1/4		1/4	
1/2	1,264.19	1/2	1,001.31	1/2	741.13	1/2	481.56	1/2	218.70	1/2		1/2		1/2		1/2		1/2	
3/4	1,258.71	3/4	995.84	3/4	735.80	3/4	476.09	3/4	213.22	3/4		3/4		3/4		3/4		3/4	
4	1,253.23	4	990.36	4	730.48	4	470.61	4	207.75	4		4		4		4		4	
1/4	1,247.76	1/4	984.88	1/4	725.15	1/4	465.13	1/4	202.27	1/4		1/4		1/4		1/4		1/4	
1/2	1,242.28	1/2	979.41	1/2	719.82	1/2	459.66	1/2	196.80	1/2		1/2		1/2		1/2		1/2	
3/4	1,236.80	3/4	973.93	3/4	714.50	3/4	454.18	3/4	191.32	3/4		3/4		3/4		3/4		3/4	
5	1,231.33	5	968.45	5	709.17	5	448.71	5	185.84	5		5		5		5		5	
1/4	1,225.85	1/4	962.98	1/4	703.84	1/4	443.23	1/4	180.37	1/4		1/4		1/4		1/4		1/4	
1/2	1,220.37	1/2	957.50	1/2	698.52	1/2	437.75	1/2	174.89	1/2		1/2		1/2		1/2		1/2	
3/4	1,214.90	3/4	952.03	3/4	693.19	3/4	432.28	3/4	169.42	3/4		3/4		3/4		3/4		3/4	
6	1,209.42	6	946.55	6	687.86	6	426.80	6	163.94	6		6		6		6		6	
1/4	1,203.94	1/4	941.07	1/4	682.54	1/4	421.32	1/4	158.46	1/4		1/4		1/4		1/4		1/4	
1/2	1,198.47	1/2	935.60	1/2	677.21	1/2	415.85	1/2	152.99	1/2		1/2		1/2		1/2		1/2	
3/4	1,192.99	3/4	930.12	3/4	671.88	3/4	410.37	3/4	147.52	3/4		3/4		3/4		3/4		3/4	
7	1,187.51	7	924.64	7	666.56	7	404.89	7	142.04	7		7		7		7		7	
1/4	1,182.04	1/4	919.17	1/4	661.23	1/4	399.42	1/4	136.57	1/4		1/4		1/4		1/4		1/4	
1/2	1,176.56	1/2	913.69	1/2	655.90	1/2	393.94	1/2	131.10	1/2		1/2		1/2		1/2		1/2	
3/4	1,171.09	3/4	908.21	3/4	650.58	3/4	388.47	3/4	125.63	3/4		3/4		3/4		3/4		3/4	
8	1,165.61	8	902.74	8	645.25	8	382.99	8	120.17	8		8		8		8		8	
1/4	1,160.13	1/4	897.26	1/4	639.92	1/4	377.51	1/4	114.70	1/4		1/4		1/4		1/4		1/4	
1/2	1,154.66	1/2	891.78	1/2	634.60	1/2	372.04	1/2	109.24	1/2		1/2		1/2		1/2		1/2	
3/4	1,149.18	3/4	886.31	3/4	629.20	3/4	366.56	3/4	103.79	3/4		3/4		3/4		3/4		3/4	
9	1,143.70	9	880.83	9	623.80	9	361.08	9	98.34	9		9		9		9		9	
1/4	1,138.23	1/4	875.35	1/4	618.40	1/4	355.61	1/4	92.89	1/4		1/4		1/4		1/4		1/4	
1/2	1,132.75	1/2	869.88	1/2	612.99	1/2	350.13	1/2	87.44	1/2		1/2		1/2		1/2		1/2	
3/4	1,127.27	3/4	864.40	3/4	607.52	3/4	344.66	3/4	82.01	3/4		3/4		3/4		3/4		3/4	
10	1,121.80	10	858.92	10	602.04	10	339.18	10	76.58	10		10		10		10		10	
1/4	1,116.32	1/4	853.45	1/4	596.57	1/4	333.70	1/4	71.15	1/4		1/4		1/4		1/4		1/4	
1/2	1,110.84	1/2	847.97	1/2	591.09	1/2	328.23	1/2	65.73	1/2		1/2		1/2		1/2		1/2	
3/4	1,105.37	3/4	842.57	3/4	585.61	3/4	322.75	3/4	60.34	3/4		3/4		3/4		3/4		3/4	
11	1,099.89	11	837.17	11	580.14	11	317.27	11	54.95	11		11		11		11		11	
1/4	1,094.41	1/4	831.76	1/4	574.66	1/4	311.80	1/4	49.56	1/4		1/4		1/4		1/4		1/4	
1/2	1,088.94	1/2	826.36	1/2	569.18	1/2	306.32	1/2	44.17	1/2		1/2		1/2		1/2		1/2	
3/4	1,083.46	3/4	821.03	3/4	563.71	3/4	300.85	3/4	39.21	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/19/2018 SW  
CALCULATED: 06/19/2018 CL  
PRINTED: 06/20/2018 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2018

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



# BARGE "IB 1114"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-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	3,440.59	0	3,179.63	0	2,918.67	0	2,657.72	0	2,396.76	0	2,135.80	0	1,874.85	0	1,613.89
1/4		1/4		1/4	3,435.15	1/4	3,174.19	1/4	2,913.24	1/4	2,652.28	1/4	2,391.32	1/4	2,130.37	1/4	1,869.41	1/4	1,608.45
1/2		1/2		1/2	3,429.71	1/2	3,168.76	1/2	2,907.80	1/2	2,646.84	1/2	2,385.89	1/2	2,124.93	1/2	1,863.97	1/2	1,603.02
3/4		3/4		3/4	3,424.28	3/4	3,163.32	3/4	2,902.36	3/4	2,641.41	3/4	2,380.45	3/4	2,119.49	3/4	1,858.54	3/4	1,597.58
1		1		1	3,418.84	1	3,157.88	1	2,896.93	1	2,635.97	1	2,375.01	1	2,114.06	1	1,853.10	1	1,592.14
1/4		1/4		1/4	3,654.88	1/4	3,413.40	1/4	3,152.45	1/4	2,891.49	1/4	2,630.53	1/4	2,369.58	1/4	2,108.62	1/4	1,847.66
1/2		1/2		1/2	3,652.61	1/2	3,407.97	1/2	3,147.01	1/2	2,886.05	1/2	2,625.10	1/2	2,364.14	1/2	2,103.18	1/2	1,842.23
3/4		3/4		3/4	3,650.35	3/4	3,402.53	3/4	3,141.57	3/4	2,880.62	3/4	2,619.66	3/4	2,358.70	3/4	2,097.75	3/4	1,836.79
2		2		2	3,648.08	2	3,397.09	2	3,136.14	2	2,875.18	2	2,614.22	2	2,353.27	2	2,092.31	2	1,831.35
1/4		1/4		1/4	3,645.82	1/4	3,391.66	1/4	3,130.70	1/4	2,869.74	1/4	2,608.79	1/4	2,347.83	1/4	2,086.87	1/4	1,825.92
1/2		1/2		1/2	3,641.78	1/2	3,386.22	1/2	3,125.26	1/2	2,864.31	1/2	2,603.35	1/2	2,342.39	1/2	2,081.44	1/2	1,820.48
3/4		3/4		3/4	3,637.74	3/4	3,380.78	3/4	3,119.83	3/4	2,858.87	3/4	2,597.91	3/4	2,336.96	3/4	2,076.00	3/4	1,815.04
3		3		3	3,633.70	3	3,375.35	3	3,114.39	3	2,853.43	3	2,592.48	3	2,331.52	3	2,070.56	3	1,809.61
1/4		1/4		1/4	3,629.66	1/4	3,369.91	1/4	3,108.95	1/4	2,848.00	1/4	2,587.04	1/4	2,326.08	1/4	2,065.13	1/4	1,804.17
1/2		1/2		1/2	3,624.50	1/2	3,364.47	1/2	3,103.52	1/2	2,842.56	1/2	2,581.60	1/2	2,320.65	1/2	2,059.69	1/2	1,798.73
3/4		3/4		3/4	3,619.35	3/4	3,359.04	3/4	3,098.08	3/4	2,837.12	3/4	2,576.17	3/4	2,315.21	3/4	2,054.25	3/4	1,793.30
4		4		4	3,614.19	4	3,353.60	4	3,092.64	4	2,831.69	4	2,570.73	4	2,309.77	4	2,048.82	4	1,787.86
1/4		1/4		1/4	3,609.03	1/4	3,348.16	1/4	3,087.21	1/4	2,826.25	1/4	2,565.29	1/4	2,304.34	1/4	2,043.38	1/4	1,782.42
1/2		1/2		1/2	3,603.62	1/2	3,342.73	1/2	3,081.77	1/2	2,820.81	1/2	2,559.86	1/2	2,298.90	1/2	2,037.94	1/2	1,776.99
3/4		3/4		3/4	3,598.20	3/4	3,337.29	3/4	3,076.33	3/4	2,815.38	3/4	2,554.42	3/4	2,293.46	3/4	2,032.51	3/4	1,771.55
5		5		5	3,592.79	5	3,331.85	5	3,070.90	5	2,809.94	5	2,548.98	5	2,288.03	5	2,027.07	5	1,766.11
1/4		1/4		1/4	3,587.37	1/4	3,326.42	1/4	3,065.46	1/4	2,804.50	1/4	2,543.55	1/4	2,282.59	1/4	2,021.63	1/4	1,760.68
1/2		1/2		1/2	3,581.94	1/2	3,320.98	1/2	3,060.02	1/2	2,799.07	1/2	2,538.11	1/2	2,277.15	1/2	2,016.20	1/2	1,755.24
3/4		3/4		3/4	3,576.51	3/4	3,315.54	3/4	3,054.59	3/4	2,793.63	3/4	2,532.67	3/4	2,271.72	3/4	2,010.76	3/4	1,749.80
6		6		6	3,571.07	6	3,310.11	6	3,049.15	6	2,788.19	6	2,527.24	6	2,266.28	6	2,005.32	6	1,744.37
1/4		1/4		1/4	3,565.64	1/4	3,304.67	1/4	3,043.71	1/4	2,782.76	1/4	2,521.80	1/4	2,260.84	1/4	1,999.89	1/4	1,738.93
1/2		1/2		1/2	3,560.20	1/2	3,299.23	1/2	3,038.28	1/2	2,777.32	1/2	2,516.36	1/2	2,255.41	1/2	1,994.45	1/2	1,733.49
3/4		3/4		3/4	3,554.76	3/4	3,293.80	3/4	3,032.84	3/4	2,771.88	3/4	2,510.93	3/4	2,249.97	3/4	1,989.01	3/4	1,728.06
7		7		7	3,549.32	7	3,288.36	7	3,027.40	7	2,766.45	7	2,505.49	7	2,244.53	7	1,983.58	7	1,722.62
1/4		1/4		1/4	3,543.88	1/4	3,282.92	1/4	3,021.97	1/4	2,761.01	1/4	2,500.05	1/4	2,239.10	1/4	1,978.14	1/4	1,717.18
1/2		1/2		1/2	3,538.44	1/2	3,277.49	1/2	3,016.53	1/2	2,755.57	1/2	2,494.62	1/2	2,233.66	1/2	1,972.70	1/2	1,711.75
3/4		3/4		3/4	3,533.01	3/4	3,272.05	3/4	3,011.09	3/4	2,750.14	3/4	2,489.18	3/4	2,228.22	3/4	1,967.27	3/4	1,706.31
8		8		8	3,527.57	8	3,266.61	8	3,005.66	8	2,744.70	8	2,483.74	8	2,222.79	8	1,961.83	8	1,700.87
1/4		1/4		1/4	3,522.13	1/4	3,261.18	1/4	3,000.22	1/4	2,739.26	1/4	2,478.31	1/4	2,217.35	1/4	1,956.39	1/4	1,695.44
1/2		1/2		1/2	3,516.70	1/2	3,255.74	1/2	2,994.78	1/2	2,733.83	1/2	2,472.87	1/2	2,211.91	1/2	1,950.96	1/2	1,690.00
3/4		3/4		3/4	3,511.26	3/4	3,250.30	3/4	2,989.35	3/4	2,728.39	3/4	2,467.43	3/4	2,206.48	3/4	1,945.52	3/4	1,684.56
9		9		9	3,505.83	9	3,244.87	9	2,983.91	9	2,722.95	9	2,462.00	9	2,201.04	9	1,940.08	9	1,679.13
1/4		1/4		1/4	3,500.39	1/4	3,239.43	1/4	2,978.47	1/4	2,717.52	1/4	2,456.56	1/4	2,195.60	1/4	1,934.65	1/4	1,673.69
1/2		1/2		1/2	3,494.95	1/2	3,234.00	1/2	2,973.04	1/2	2,712.08	1/2	2,451.12	1/2	2,190.17	1/2	1,929.21	1/2	1,668.25
3/4		3/4		3/4	3,489.52	3/4	3,228.56	3/4	2,967.60	3/4	2,706.64	3/4	2,445.69	3/4	2,184.73	3/4	1,923.77	3/4	1,662.82
10		10		10	3,484.08	10	3,223.12	10	2,962.17	10	2,701.21	10	2,440.25	10	2,179.29	10	1,918.34	10	1,657.38
1/4		1/4		1/4	3,478.64	1/4	3,217.69	1/4	2,956.73	1/4	2,695.77	1/4	2,434.81	1/4	2,173.86	1/4	1,912.90	1/4	1,651.94
1/2		1/2		1/2	3,473.21	1/2	3,212.25	1/2	2,951.29	1/2	2,690.34	1/2	2,429.38	1/2	2,168.42	1/2	1,907.46	1/2	1,646.51
3/4		3/4		3/4	3,467.77	3/4	3,206.81	3/4	2,945.86	3/4	2,684.90	3/4	2,423.94	3/4	2,162.98	3/4	1,902.03	3/4	1,641.07
11		11		11	3,462.33	11	3,201.38	11	2,940.42	11	2,679.46	11	2,418.51	11	2,157.55	11	1,896.59	11	1,635.63
1/4		1/4		1/4	3,456.90	1/4	3,195.94	1/4	2,934.98	1/4	2,674.03	1/4	2,413.07	1/4	2,152.11	1/4	1,891.15	1/4	1,630.20
1/2		1/2		1/2	3,451.46	1/2	3,190.50	1/2	2,929.55	1/2	2,668.59	1/2	2,407.63	1/2	2,146.68	1/2	1,885.72	1/2	1,624.76
3/4		3/4		3/4	3,446.02	3/4	3,185.07	3/4	2,924.11	3/4	2,663.15	3/4	2,402.20	3/4	2,141.24	3/4	1,880.28	3/4	1,619.32

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 INNAE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "IB 1114"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-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	1,352.93	0	1,091.97	0	831.03	0	570.48	0	309.53	0	49.21	0		0		0		0	
1/4	1,347.49	1/4	1,086.54	1/4	825.60	1/4	565.05	1/4	304.10	1/4	43.86	1/4		1/4		1/4		1/4	
1/2	1,342.06	1/2	1,081.10	1/2	820.17	1/2	559.61	1/2	298.66	1/2	38.94	1/2		1/2		1/2		1/2	
3/4	1,336.62	3/4	1,075.66	3/4	814.75	3/4	554.17	3/4	293.23	3/4	34.01	3/4		3/4		3/4		3/4	
1	1,331.19	1	1,070.23	1	809.32	1	548.74	1	287.79	1	29.09	1		1		1		1	
1/4	1,325.75	1/4	1,064.79	1/4	803.89	1/4	543.30	1/4	282.35	1/4	24.17	1/4		1/4		1/4		1/4	
1/2	1,320.31	1/2	1,059.36	1/2	798.46	1/2	537.86	1/2	276.92	1/2	20.55	1/2		1/2		1/2		1/2	
3/4	1,314.88	3/4	1,053.92	3/4	793.04	3/4	532.43	3/4	271.48	3/4	16.93	3/4		3/4		3/4		3/4	
2	1,309.44	2	1,048.48	2	787.61	2	526.99	2	266.04	2	13.31	2		2		2		2	
1/4	1,304.00	1/4	1,043.05	1/4	782.18	1/4	521.55	1/4	260.61	1/4	9.69	1/4		1/4		1/4		1/4	
1/2	1,298.57	1/2	1,037.61	1/2	776.76	1/2	516.12	1/2	255.17	1/2	7.87	1/2		1/2		1/2		1/2	
3/4	1,293.13	3/4	1,032.17	3/4	771.33	3/4	510.68	3/4	249.73	3/4	6.06	3/4		3/4		3/4		3/4	
3	1,287.69	3	1,026.74	3	765.91	3	505.24	3	244.30	3	4.25	3		3		3		3	
1/4	1,282.26	1/4	1,021.30	1/4	760.48	1/4	499.81	1/4	238.86	1/4	2.44	1/4		1/4		1/4		1/4	
1/2	1,276.82	1/2	1,015.86	1/2	755.06	1/2	494.37	1/2	233.42	1/2		1/2		1/2		1/2		1/2	
3/4	1,271.38	3/4	1,010.43	3/4	749.63	3/4	488.94	3/4	227.99	3/4		3/4		3/4		3/4		3/4	
4	1,265.95	4	1,004.99	4	744.20	4	483.50	4	222.55	4		4		4		4		4	
1/4	1,260.51	1/4	999.55	1/4	738.78	1/4	478.06	1/4	217.12	1/4		1/4		1/4		1/4		1/4	
1/2	1,255.07	1/2	994.12	1/2	733.35	1/2	472.63	1/2	211.68	1/2		1/2		1/2		1/2		1/2	
3/4	1,249.64	3/4	988.68	3/4	727.93	3/4	467.19	3/4	206.24	3/4		3/4		3/4		3/4		3/4	
5	1,244.20	5	983.24	5	722.50	5	461.75	5	200.81	5		5		5		5		5	
1/4	1,238.76	1/4	977.81	1/4	717.07	1/4	456.32	1/4	195.37	1/4		1/4		1/4		1/4		1/4	
1/2	1,233.33	1/2	972.37	1/2	711.65	1/2	450.88	1/2	189.93	1/2		1/2		1/2		1/2		1/2	
3/4	1,227.89	3/4	966.93	3/4	706.22	3/4	445.44	3/4	184.50	3/4		3/4		3/4		3/4		3/4	
6	1,222.45	6	961.50	6	700.80	6	440.01	6	179.06	6		6		6		6		6	
1/4	1,217.02	1/4	956.06	1/4	695.37	1/4	434.57	1/4	173.63	1/4		1/4		1/4		1/4		1/4	
1/2	1,211.58	1/2	950.62	1/2	689.95	1/2	429.14	1/2	168.19	1/2		1/2		1/2		1/2		1/2	
3/4	1,206.14	3/4	945.19	3/4	684.52	3/4	423.70	3/4	162.75	3/4		3/4		3/4		3/4		3/4	
7	1,200.71	7	939.75	7	679.09	7	418.26	7	157.32	7		7		7		7		7	
1/4	1,195.27	1/4	934.31	1/4	673.67	1/4	412.83	1/4	151.88	1/4		1/4		1/4		1/4		1/4	
1/2	1,189.83	1/2	928.88	1/2	668.24	1/2	407.39	1/2	146.45	1/2		1/2		1/2		1/2		1/2	
3/4	1,184.40	3/4	923.44	3/4	662.82	3/4	401.95	3/4	141.02	3/4		3/4		3/4		3/4		3/4	
8	1,178.96	8	918.00	8	657.39	8	396.52	8	135.58	8		8		8		8		8	
1/4	1,173.52	1/4	912.57	1/4	651.97	1/4	391.08	1/4	130.15	1/4		1/4		1/4		1/4		1/4	
1/2	1,168.09	1/2	907.13	1/2	646.54	1/2	385.64	1/2	124.73	1/2		1/2		1/2		1/2		1/2	
3/4	1,162.65	3/4	901.69	3/4	641.11	3/4	380.21	3/4	119.30	3/4		3/4		3/4		3/4		3/4	
9	1,157.21	9	896.26	9	635.69	9	374.77	9	113.87	9		9		9		9		9	
1/4	1,151.78	1/4	890.82	1/4	630.26	1/4	369.33	1/4	108.45	1/4		1/4		1/4		1/4		1/4	
1/2	1,146.34	1/2	885.38	1/2	624.83	1/2	363.90	1/2	103.04	1/2		1/2		1/2		1/2		1/2	
3/4	1,140.90	3/4	879.95	3/4	619.40	3/4	358.46	3/4	97.63	3/4		3/4		3/4		3/4		3/4	
10	1,135.47	10	874.51	10	613.97	10	353.03	10	92.22	10		10		10		10		10	
1/4	1,130.03	1/4	869.07	1/4	608.54	1/4	347.59	1/4	86.81	1/4		1/4		1/4		1/4		1/4	
1/2	1,124.59	1/2	863.64	1/2	603.10	1/2	342.15	1/2	81.42	1/2		1/2		1/2		1/2		1/2	
3/4	1,119.16	3/4	858.20	3/4	597.66	3/4	336.72	3/4	76.03	3/4		3/4		3/4		3/4		3/4	
11	1,113.72	11	852.76	11	592.23	11	331.28	11	70.64	11		11		11		11		11	
1/4	1,108.28	1/4	847.33	1/4	586.79	1/4	325.84	1/4	65.25	1/4		1/4		1/4		1/4		1/4	
1/2	1,102.85	1/2	841.90	1/2	581.35	1/2	320.41	1/2	59.91	1/2		1/2		1/2		1/2		1/2	
3/4	1,097.41	3/4	836.46	3/4	575.92	3/4	314.97	3/4	54.56	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/19/2018 SW  
CALCULATED: 06/19/2018 CL  
PRINTED: 06/20/2018 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2018

PRECISION MEASUREMENT  
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