



# BARGE "IB 1113"

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

<http://www.pmacorp.net>



# BARGE "IB 1113"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	3,749.00	0	3,495.23	0	3,241.47	0	2,987.70	0	2,709.84	0	2,413.16	0	2,116.49	0	1,819.81
1/4		1/4		1/4	3,743.71	1/4	3,489.95	1/4	3,236.18	1/4	2,982.41	1/4	2,703.66	1/4	2,406.98	1/4	2,110.31	1/4	1,813.63
1/2		1/2		1/2	3,738.43	1/2	3,484.66	1/2	3,230.89	1/2	2,977.13	1/2	2,697.48	1/2	2,400.80	1/2	2,104.13	1/2	1,807.45
3/4		3/4	3,966.51	3/4	3,733.14	3/4	3,479.37	3/4	3,225.61	3/4	2,971.84	3/4	2,691.30	3/4	2,394.62	3/4	2,097.95	3/4	1,801.27
1		1	3,964.38	1	3,727.85	1	3,474.09	1	3,220.32	1	2,966.55	1	2,685.12	1	2,388.44	1	2,091.77	1	1,795.09
1/4		1/4	3,962.26	1/4	3,722.57	1/4	3,468.80	1/4	3,215.03	1/4	2,961.27	1/4	2,678.94	1/4	2,382.26	1/4	2,085.59	1/4	1,788.91
1/2		1/2	3,960.13	1/2	3,717.28	1/2	3,463.51	1/2	3,209.75	1/2	2,955.98	1/2	2,672.76	1/2	2,376.08	1/2	2,079.41	1/2	1,782.73
3/4		3/4	3,958.00	3/4	3,711.99	3/4	3,458.23	3/4	3,204.46	3/4	2,950.69	3/4	2,666.57	3/4	2,369.90	3/4	2,073.23	3/4	1,776.54
2		2	3,954.31	2	3,706.70	2	3,452.94	2	3,199.17	2	2,945.41	2	2,660.39	2	2,363.72	2	2,067.05	2	1,770.36
1/4		1/4	3,950.61	1/4	3,701.42	1/4	3,447.65	1/4	3,193.89	1/4	2,940.12	1/4	2,654.21	1/4	2,357.54	1/4	2,060.87	1/4	1,764.18
1/2		1/2	3,946.91	1/2	3,696.13	1/2	3,442.36	1/2	3,188.60	1/2	2,934.83	1/2	2,648.03	1/2	2,351.36	1/2	2,054.68	1/2	1,758.00
3/4		3/4	3,943.22	3/4	3,690.84	3/4	3,437.08	3/4	3,183.31	3/4	2,929.55	3/4	2,641.85	3/4	2,345.18	3/4	2,048.50	3/4	1,751.82
3		3	3,938.25	3	3,685.56	3	3,431.79	3	3,178.02	3	2,924.26	3	2,635.67	3	2,339.00	3	2,042.32	3	1,745.64
1/4		1/4	3,933.28	1/4	3,680.27	1/4	3,426.50	1/4	3,172.74	1/4	2,918.97	1/4	2,629.49	1/4	2,332.82	1/4	2,036.14	1/4	1,739.46
1/2		1/2	3,928.31	1/2	3,674.98	1/2	3,421.22	1/2	3,167.45	1/2	2,913.69	1/2	2,623.31	1/2	2,326.64	1/2	2,029.96	1/2	1,733.28
3/4		3/4	3,923.35	3/4	3,669.70	3/4	3,415.93	3/4	3,162.16	3/4	2,908.40	3/4	2,617.13	3/4	2,320.46	3/4	2,023.78	3/4	1,727.10
4		4	3,918.08	4	3,664.41	4	3,410.64	4	3,156.88	4	2,903.12	4	2,610.95	4	2,314.28	4	2,017.60	4	1,720.92
1/4		1/4	3,912.82	1/4	3,659.12	1/4	3,405.36	1/4	3,151.59	1/4	2,897.84	1/4	2,604.77	1/4	2,308.10	1/4	2,011.42	1/4	1,714.74
1/2		1/2	3,907.56	1/2	3,653.84	1/2	3,400.07	1/2	3,146.30	1/2	2,892.56	1/2	2,598.58	1/2	2,301.92	1/2	2,005.24	1/2	1,708.55
3/4		3/4	3,902.29	3/4	3,648.55	3/4	3,394.78	3/4	3,141.02	3/4	2,887.28	3/4	2,592.40	3/4	2,295.74	3/4	1,999.06	3/4	1,702.37
5		5	3,897.01	5	3,643.26	5	3,389.50	5	3,135.73	5	2,881.55	5	2,586.22	5	2,289.56	5	1,992.88	5	1,696.20
1/4		1/4	3,891.73	1/4	3,637.98	1/4	3,384.21	1/4	3,130.44	1/4	2,875.82	1/4	2,580.04	1/4	2,283.38	1/4	1,986.70	1/4	1,690.03
1/2		1/2	3,886.45	1/2	3,632.69	1/2	3,378.92	1/2	3,125.16	1/2	2,870.09	1/2	2,573.86	1/2	2,277.20	1/2	1,980.51	1/2	1,683.85
3/4		3/4	3,881.17	3/4	3,627.40	3/4	3,373.64	3/4	3,119.87	3/4	2,864.36	3/4	2,567.68	3/4	2,271.02	3/4	1,974.33	3/4	1,677.68
6		6	3,875.88	6	3,622.12	6	3,368.35	6	3,114.58	6	2,858.18	6	2,561.50	6	2,264.84	6	1,968.15	6	1,671.51
1/4		1/4	3,870.60	1/4	3,616.83	1/4	3,363.06	1/4	3,109.30	1/4	2,852.00	1/4	2,555.32	1/4	2,258.65	1/4	1,961.97	1/4	1,665.34
1/2		1/2	3,865.31	1/2	3,611.54	1/2	3,357.78	1/2	3,104.01	1/2	2,845.82	1/2	2,549.14	1/2	2,252.47	1/2	1,955.79	1/2	1,659.18
3/4		3/4	3,860.02	3/4	3,606.26	3/4	3,352.49	3/4	3,098.72	3/4	2,839.64	3/4	2,542.96	3/4	2,246.29	3/4	1,949.61	3/4	1,653.01
7		7	3,854.74	7	3,600.97	7	3,347.20	7	3,093.44	7	2,833.46	7	2,536.78	7	2,240.11	7	1,943.43	7	1,646.85
1/4		1/4	3,849.45	1/4	3,595.68	1/4	3,341.92	1/4	3,088.15	1/4	2,827.28	1/4	2,530.59	1/4	2,233.93	1/4	1,937.25	1/4	1,640.68
1/2		1/2	3,844.16	1/2	3,590.40	1/2	3,336.63	1/2	3,082.86	1/2	2,821.10	1/2	2,524.41	1/2	2,227.75	1/2	1,931.07	1/2	1,634.51
3/4		3/4	3,838.87	3/4	3,585.11	3/4	3,331.34	3/4	3,077.58	3/4	2,814.92	3/4	2,518.23	3/4	2,221.57	3/4	1,924.89	3/4	1,628.35
8		8	3,833.59	8	3,579.82	8	3,326.06	8	3,072.29	8	2,808.74	8	2,512.05	8	2,215.39	8	1,918.71	8	1,622.18
1/4		1/4	3,828.30	1/4	3,574.53	1/4	3,320.77	1/4	3,067.00	1/4	2,802.55	1/4	2,505.87	1/4	2,209.21	1/4	1,912.52	1/4	1,616.01
1/2		1/2	3,823.01	1/2	3,569.25	1/2	3,315.48	1/2	3,061.72	1/2	2,796.37	1/2	2,499.69	1/2	2,203.03	1/2	1,906.34	1/2	1,609.85
3/4		3/4	3,817.73	3/4	3,563.96	3/4	3,310.19	3/4	3,056.43	3/4	2,790.19	3/4	2,493.51	3/4	2,196.85	3/4	1,900.16	3/4	1,603.68
9		9	3,812.44	9	3,558.67	9	3,304.91	9	3,051.14	9	2,784.01	9	2,487.33	9	2,190.66	9	1,893.98	9	1,597.51
1/4		1/4	3,807.15	1/4	3,553.39	1/4	3,299.62	1/4	3,045.85	1/4	2,777.83	1/4	2,481.15	1/4	2,184.48	1/4	1,887.80	1/4	1,591.35
1/2		1/2	3,801.87	1/2	3,548.10	1/2	3,294.33	1/2	3,040.57	1/2	2,771.65	1/2	2,474.97	1/2	2,178.30	1/2	1,881.62	1/2	1,585.18
3/4		3/4	3,796.58	3/4	3,542.81	3/4	3,289.05	3/4	3,035.28	3/4	2,765.47	3/4	2,468.79	3/4	2,172.12	3/4	1,875.44	3/4	1,579.01
10		10	3,791.29	10	3,537.53	10	3,283.76	10	3,029.99	10	2,759.29	10	2,462.61	10	2,165.94	10	1,869.26	10	1,572.85
1/4		1/4	3,786.01	1/4	3,532.24	1/4	3,278.47	1/4	3,024.71	1/4	2,753.11	1/4	2,456.43	1/4	2,159.76	1/4	1,863.08	1/4	1,566.68
1/2		1/2	3,780.72	1/2	3,526.95	1/2	3,273.19	1/2	3,019.42	1/2	2,746.93	1/2	2,450.24	1/2	2,153.58	1/2	1,856.90	1/2	1,560.51
3/4		3/4	3,775.43	3/4	3,521.67	3/4	3,267.90	3/4	3,014.13	3/4	2,740.75	3/4	2,444.06	3/4	2,147.40	3/4	1,850.72	3/4	1,554.35
11		11	3,770.15	11	3,516.38	11	3,262.61	11	3,008.85	11	2,734.56	11	2,437.88	11	2,141.22	11	1,844.53	11	1,548.18
1/4		1/4	3,764.86	1/4	3,511.09	1/4	3,257.33	1/4	3,003.56	1/4	2,728.38	1/4	2,431.70	1/4	2,135.04	1/4	1,838.35	1/4	1,542.01
1/2		1/2	3,759.57	1/2	3,505.81	1/2	3,252.04	1/2	2,998.27	1/2	2,722.20	1/2	2,425.52	1/2	2,128.86	1/2	1,832.17	1/2	1,535.85
3/4		3/4	3,754.29	3/4	3,500.52	3/4	3,246.75	3/4	2,992.99	3/4	2,716.02	3/4	2,419.34	3/4	2,122.67	3/4	1,825.99	3/4	1,529.68

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.  
P.O. Box 2092  
Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "IB 1113"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,523.51	0	1,227.12	0	931.03	0	639.95	0	343.26	0	47.68	0		0		0		0	
1/4	1,517.35	1/4	1,220.94	1/4	925.00	1/4	633.77	1/4	337.07	1/4	42.07	1/4		1/4		1/4		1/4	
1/2	1,511.18	1/2	1,214.77	1/2	918.97	1/2	627.59	1/2	330.89	1/2	36.46	1/2		1/2		1/2		1/2	
3/4	1,505.01	3/4	1,208.59	3/4	912.94	3/4	621.41	3/4	324.71	3/4	30.86	3/4		3/4		3/4		3/4	
1	1,498.85	1	1,202.41	1	906.91	1	615.22	1	318.53	1	26.73	1		1		1		1	
1/4	1,492.68	1/4	1,196.23	1/4	900.88	1/4	609.04	1/4	312.35	1/4	22.61	1/4		1/4		1/4		1/4	
1/2	1,486.51	1/2	1,190.05	1/2	894.85	1/2	602.86	1/2	306.17	1/2	18.48	1/2		1/2		1/2		1/2	
3/4	1,480.35	3/4	1,183.88	3/4	888.82	3/4	596.68	3/4	299.99	3/4	14.36	3/4		3/4		3/4		3/4	
2	1,474.18	2	1,177.70	2	882.79	2	590.50	2	293.81	2	12.29	2		2		2		2	
1/4	1,468.01	1/4	1,171.52	1/4	876.76	1/4	584.32	1/4	287.62	1/4	10.23	1/4		1/4		1/4		1/4	
1/2	1,461.85	1/2	1,165.34	1/2	870.73	1/2	578.14	1/2	281.44	1/2	8.17	1/2		1/2		1/2		1/2	
3/4	1,455.68	3/4	1,159.17	3/4	864.70	3/4	571.96	3/4	275.26	3/4	6.10	3/4		3/4		3/4		3/4	
3	1,449.51	3	1,152.99	3	858.67	3	565.78	3	269.08	3		3		3		3		3	
1/4	1,443.33	1/4	1,146.81	1/4	852.65	1/4	559.59	1/4	262.90	1/4		1/4		1/4		1/4		1/4	
1/2	1,437.16	1/2	1,140.63	1/2	846.62	1/2	553.41	1/2	256.72	1/2		1/2		1/2		1/2		1/2	
3/4	1,430.99	3/4	1,134.45	3/4	840.59	3/4	547.23	3/4	250.54	3/4		3/4		3/4		3/4		3/4	
4	1,424.81	4	1,128.28	4	834.56	4	541.05	4	244.35	4		4		4		4		4	
1/4	1,418.63	1/4	1,122.10	1/4	828.53	1/4	534.87	1/4	238.17	1/4		1/4		1/4		1/4		1/4	
1/2	1,412.46	1/2	1,115.92	1/2	822.50	1/2	528.69	1/2	231.98	1/2		1/2		1/2		1/2		1/2	
3/4	1,406.28	3/4	1,109.74	3/4	816.47	3/4	522.51	3/4	225.80	3/4		3/4		3/4		3/4		3/4	
5	1,400.10	5	1,103.57	5	810.44	5	516.33	5	219.61	5		5		5		5		5	
1/4	1,393.92	1/4	1,097.39	1/4	804.41	1/4	510.15	1/4	213.42	1/4		1/4		1/4		1/4		1/4	
1/2	1,387.74	1/2	1,091.21	1/2	798.38	1/2	503.96	1/2	207.24	1/2		1/2		1/2		1/2		1/2	
3/4	1,381.57	3/4	1,085.03	3/4	792.35	3/4	497.78	3/4	201.05	3/4		3/4		3/4		3/4		3/4	
6	1,375.39	6	1,078.85	6	786.32	6	491.60	6	194.86	6		6		6		6		6	
1/4	1,369.21	1/4	1,072.68	1/4	780.29	1/4	485.42	1/4	188.68	1/4		1/4		1/4		1/4		1/4	
1/2	1,363.03	1/2	1,066.50	1/2	774.26	1/2	479.24	1/2	182.49	1/2		1/2		1/2		1/2		1/2	
3/4	1,356.85	3/4	1,060.32	3/4	768.24	3/4	473.06	3/4	176.31	3/4		3/4		3/4		3/4		3/4	
7	1,350.68	7	1,054.14	7	762.21	7	466.88	7	170.13	7		7		7		7		7	
1/4	1,344.50	1/4	1,047.96	1/4	756.18	1/4	460.70	1/4	163.94	1/4		1/4		1/4		1/4		1/4	
1/2	1,338.32	1/2	1,041.79	1/2	750.15	1/2	454.52	1/2	157.76	1/2		1/2		1/2		1/2		1/2	
3/4	1,332.14	3/4	1,035.61	3/4	744.12	3/4	448.33	3/4	151.58	3/4		3/4		3/4		3/4		3/4	
8	1,325.97	8	1,029.43	8	738.09	8	442.15	8	145.40	8		8		8		8		8	
1/4	1,319.79	1/4	1,023.25	1/4	732.06	1/4	435.97	1/4	139.22	1/4		1/4		1/4		1/4		1/4	
1/2	1,313.61	1/2	1,017.08	1/2	726.03	1/2	429.79	1/2	133.05	1/2		1/2		1/2		1/2		1/2	
3/4	1,307.43	3/4	1,010.90	3/4	720.00	3/4	423.61	3/4	126.87	3/4		3/4		3/4		3/4		3/4	
9	1,301.25	9	1,004.72	9	713.90	9	417.43	9	120.70	9		9		9		9		9	
1/4	1,295.08	1/4	998.54	1/4	707.79	1/4	411.25	1/4	114.54	1/4		1/4		1/4		1/4		1/4	
1/2	1,288.90	1/2	992.36	1/2	701.68	1/2	405.07	1/2	108.38	1/2		1/2		1/2		1/2		1/2	
3/4	1,282.72	3/4	986.19	3/4	695.58	3/4	398.89	3/4	102.21	3/4		3/4		3/4		3/4		3/4	
10	1,276.54	10	980.01	10	689.40	10	392.70	10	96.07	10		10		10		10		10	
1/4	1,270.37	1/4	973.83	1/4	683.22	1/4	386.52	1/4	89.94	1/4		1/4		1/4		1/4		1/4	
1/2	1,264.19	1/2	967.65	1/2	677.04	1/2	380.34	1/2	83.80	1/2		1/2		1/2		1/2		1/2	
3/4	1,258.01	3/4	961.48	3/4	670.85	3/4	374.16	3/4	77.66	3/4		3/4		3/4		3/4		3/4	
11	1,251.83	11	955.37	11	664.67	11	367.98	11	71.57	11		11		11		11		11	
1/4	1,245.65	1/4	949.27	1/4	658.49	1/4	361.80	1/4	65.48	1/4		1/4		1/4		1/4		1/4	
1/2	1,239.48	1/2	943.16	1/2	652.31	1/2	355.62	1/2	59.38	1/2		1/2		1/2		1/2		1/2	
3/4	1,233.30	3/4	937.06	3/4	646.13	3/4	349.44	3/4	53.29	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 1113"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-01 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0	3,675.28	0	3,428.73	0	3,165.76	0	2,902.78	0	2,639.81	0	2,376.84	0	2,113.87	0	1,850.89	0	1,587.92
1/4		1/4	3,672.99	1/4	3,423.25	1/4	3,160.28	1/4	2,897.31	1/4	2,634.33	1/4	2,371.36	1/4	2,108.39	1/4	1,845.41	1/4	1,582.44
1/2		1/2	3,670.71	1/2	3,417.77	1/2	3,154.80	1/2	2,891.83	1/2	2,628.85	1/2	2,365.88	1/2	2,102.91	1/2	1,839.94	1/2	1,576.96
3/4		3/4	3,668.43	3/4	3,412.29	3/4	3,149.32	3/4	2,886.35	3/4	2,623.38	3/4	2,360.40	3/4	2,097.43	3/4	1,834.46	3/4	1,571.48
1		1	3,664.36	1	3,406.82	1	3,143.84	1	2,880.87	1	2,617.90	1	2,354.92	1	2,091.95	1	1,828.98	1	1,566.01
1/4		1/4	3,660.29	1/4	3,401.34	1/4	3,138.36	1/4	2,875.39	1/4	2,612.42	1/4	2,349.45	1/4	2,086.47	1/4	1,823.50	1/4	1,560.53
1/2		1/2	3,656.22	1/2	3,395.86	1/2	3,132.89	1/2	2,869.91	1/2	2,606.94	1/2	2,343.97	1/2	2,080.99	1/2	1,818.02	1/2	1,555.05
3/4		3/4	3,652.14	3/4	3,390.38	3/4	3,127.41	3/4	2,864.43	3/4	2,601.46	3/4	2,338.49	3/4	2,075.52	3/4	1,812.54	3/4	1,549.57
2		2	3,646.95	2	3,384.90	2	3,121.93	2	2,858.96	2	2,595.98	2	2,333.01	2	2,070.04	2	1,807.06	2	1,544.09
1/4		1/4	3,641.75	1/4	3,379.42	1/4	3,116.45	1/4	2,853.48	1/4	2,590.50	1/4	2,327.53	1/4	2,064.56	1/4	1,801.59	1/4	1,538.61
1/2		1/2	3,636.56	1/2	3,373.94	1/2	3,110.97	1/2	2,848.00	1/2	2,585.03	1/2	2,322.05	1/2	2,059.08	1/2	1,796.11	1/2	1,533.13
3/4		3/4	3,631.36	3/4	3,368.46	3/4	3,105.49	3/4	2,842.52	3/4	2,579.55	3/4	2,316.57	3/4	2,053.60	3/4	1,790.63	3/4	1,527.66
3		3	3,625.90	3	3,362.99	3	3,100.01	3	2,837.04	3	2,574.07	3	2,311.10	3	2,048.12	3	1,785.15	3	1,522.18
1/4		1/4	3,620.44	1/4	3,357.51	1/4	3,094.53	1/4	2,831.56	1/4	2,568.59	1/4	2,305.62	1/4	2,042.64	1/4	1,779.67	1/4	1,516.70
1/2		1/2	3,614.99	1/2	3,352.03	1/2	3,089.06	1/2	2,826.08	1/2	2,563.11	1/2	2,300.14	1/2	2,037.17	1/2	1,774.19	1/2	1,511.22
3/4		3/4	3,609.53	3/4	3,346.55	3/4	3,083.58	3/4	2,820.60	3/4	2,557.63	3/4	2,294.66	3/4	2,031.69	3/4	1,768.71	3/4	1,505.74
4		4	3,604.05	4	3,341.07	4	3,078.10	4	2,815.13	4	2,552.15	4	2,289.18	4	2,026.21	4	1,763.24	4	1,500.26
1/4		1/4	3,598.58	1/4	3,335.59	1/4	3,072.62	1/4	2,809.65	1/4	2,546.67	1/4	2,283.70	1/4	2,020.73	1/4	1,757.76	1/4	1,494.78
1/2		1/2	3,593.11	1/2	3,330.11	1/2	3,067.14	1/2	2,804.17	1/2	2,541.20	1/2	2,278.22	1/2	2,015.25	1/2	1,752.28	1/2	1,489.31
3/4		3/4	3,587.63	3/4	3,324.64	3/4	3,061.66	3/4	2,798.69	3/4	2,535.72	3/4	2,272.74	3/4	2,009.77	3/4	1,746.80	3/4	1,483.83
5		5	3,582.15	5	3,319.16	5	3,056.18	5	2,793.21	5	2,530.24	5	2,267.27	5	2,004.29	5	1,741.32	5	1,478.35
1/4		1/4	3,576.66	1/4	3,313.68	1/4	3,050.71	1/4	2,787.73	1/4	2,524.76	1/4	2,261.79	1/4	1,998.81	1/4	1,735.84	1/4	1,472.87
1/2		1/2	3,571.18	1/2	3,308.20	1/2	3,045.23	1/2	2,782.25	1/2	2,519.28	1/2	2,256.31	1/2	1,993.34	1/2	1,730.36	1/2	1,467.39
3/4		3/4	3,565.69	3/4	3,302.72	3/4	3,039.75	3/4	2,776.78	3/4	2,513.80	3/4	2,250.83	3/4	1,987.86	3/4	1,724.88	3/4	1,461.91
6		6	3,560.22	6	3,297.24	6	3,034.27	6	2,771.30	6	2,508.32	6	2,245.35	6	1,982.38	6	1,719.41	6	1,456.43
1/4		1/4	3,554.74	1/4	3,291.76	1/4	3,028.79	1/4	2,765.82	1/4	2,502.85	1/4	2,239.87	1/4	1,976.90	1/4	1,713.93	1/4	1,450.95
1/2		1/2	3,549.26	1/2	3,286.29	1/2	3,023.31	1/2	2,760.34	1/2	2,497.37	1/2	2,234.39	1/2	1,971.42	1/2	1,708.45	1/2	1,445.48
3/4		3/4	3,543.78	3/4	3,280.81	3/4	3,017.83	3/4	2,754.86	3/4	2,491.89	3/4	2,228.92	3/4	1,965.94	3/4	1,702.97	3/4	1,440.00
7		7	3,538.30	7	3,275.33	7	3,012.36	7	2,749.38	7	2,486.41	7	2,223.44	7	1,960.46	7	1,697.49	7	1,434.52
1/4		1/4	3,532.82	1/4	3,269.85	1/4	3,006.88	1/4	2,743.90	1/4	2,480.93	1/4	2,217.96	1/4	1,954.99	1/4	1,692.01	1/4	1,429.04
1/2		1/2	3,527.34	1/2	3,264.37	1/2	3,001.40	1/2	2,738.43	1/2	2,475.45	1/2	2,212.48	1/2	1,949.51	1/2	1,686.53	1/2	1,423.56
3/4		3/4	3,521.87	3/4	3,258.89	3/4	2,995.92	3/4	2,732.95	3/4	2,469.97	3/4	2,207.00	3/4	1,944.03	3/4	1,681.06	3/4	1,418.08
8		8	3,516.39	8	3,253.41	8	2,990.44	8	2,727.47	8	2,464.50	8	2,201.52	8	1,938.55	8	1,675.58	8	1,412.60
1/4		1/4	3,510.91	1/4	3,247.94	1/4	2,984.96	1/4	2,721.99	1/4	2,459.02	1/4	2,196.04	1/4	1,933.07	1/4	1,670.10	1/4	1,407.13
1/2		1/2	3,505.43	1/2	3,242.46	1/2	2,979.48	1/2	2,716.51	1/2	2,453.54	1/2	2,190.57	1/2	1,927.59	1/2	1,664.62	1/2	1,401.65
3/4		3/4	3,499.95	3/4	3,236.98	3/4	2,974.01	3/4	2,711.03	3/4	2,448.06	3/4	2,185.09	3/4	1,922.11	3/4	1,659.14	3/4	1,396.17
9		9	3,494.47	9	3,231.50	9	2,968.53	9	2,705.55	9	2,442.58	9	2,179.61	9	1,916.64	9	1,653.66	9	1,390.69
1/4		1/4	3,488.99	1/4	3,226.02	1/4	2,963.05	1/4	2,700.08	1/4	2,437.10	1/4	2,174.13	1/4	1,911.16	1/4	1,648.18	1/4	1,385.21
1/2		1/2	3,483.52	1/2	3,220.54	1/2	2,957.57	1/2	2,694.60	1/2	2,431.62	1/2	2,168.65	1/2	1,905.68	1/2	1,642.71	1/2	1,379.73
3/4		3/4	3,478.04	3/4	3,215.06	3/4	2,952.09	3/4	2,689.12	3/4	2,426.15	3/4	2,163.17	3/4	1,900.20	3/4	1,637.23	3/4	1,374.25
10		10	3,472.56	10	3,209.59	10	2,946.61	10	2,683.64	10	2,420.67	10	2,157.69	10	1,894.72	10	1,631.75	10	1,368.78
1/4		1/4	3,467.08	1/4	3,204.11	1/4	2,941.13	1/4	2,678.16	1/4	2,415.19	1/4	2,152.22	1/4	1,889.24	1/4	1,626.27	1/4	1,363.30
1/2		1/2	3,461.60	1/2	3,198.63	1/2	2,935.66	1/2	2,672.68	1/2	2,409.71	1/2	2,146.74	1/2	1,883.76	1/2	1,620.79	1/2	1,357.82
3/4		3/4	3,456.12	3/4	3,193.15	3/4	2,930.18	3/4	2,667.20	3/4	2,404.23	3/4	2,141.26	3/4	1,878.29	3/4	1,615.31	3/4	1,352.34
11		11	3,450.64	11	3,187.67	11	2,924.70	11	2,661.73	11	2,398.75	11	2,135.78	11	1,872.81	11	1,609.83	11	1,346.86
1/4		1/4	3,445.17	1/4	3,182.19	1/4	2,919.22	1/4	2,656.25	1/4	2,393.27	1/4	2,130.30	1/4	1,867.33	1/4	1,604.36	1/4	1,341.38
1/2		1/2	3,439.69	1/2	3,176.71	1/2	2,913.74	1/2	2,650.77	1/2	2,387.80	1/2	2,124.82	1/2	1,861.85	1/2	1,598.88	1/2	1,335.90
3/4		3/4	3,434.21	3/4	3,171.24	3/4	2,908.26	3/4	2,645.29	3/4	2,382.32	3/4	2,119.34	3/4	1,856.37	3/4	1,593.40	3/4	1,330.43

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'-03" FORWARD OF AFT BULKHEAD.

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



# BARGE "IB 1113"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-01 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,324.95	0	1,061.97	0	800.04	0	542.02	0	279.05	0	20.70	0		0		0		0	
1/4	1,319.47	1/4	1,056.50	1/4	794.71	1/4	536.54	1/4	273.57	1/4	17.05	1/4		1/4		1/4		1/4	
1/2	1,313.99	1/2	1,051.02	1/2	789.38	1/2	531.06	1/2	268.10	1/2	13.41	1/2		1/2		1/2		1/2	
3/4	1,308.51	3/4	1,045.54	3/4	784.05	3/4	525.58	3/4	262.62	3/4	9.76	3/4		3/4		3/4		3/4	
1	1,303.03	1	1,040.06	1	778.72	1	520.10	1	257.14	1	7.93	1		1		1		1	
1/4	1,297.55	1/4	1,034.58	1/4	773.40	1/4	514.62	1/4	251.66	1/4	6.10	1/4		1/4		1/4		1/4	
1/2	1,292.08	1/2	1,029.10	1/2	768.07	1/2	509.15	1/2	246.18	1/2	4.28	1/2		1/2		1/2		1/2	
3/4	1,286.60	3/4	1,023.62	3/4	762.74	3/4	503.67	3/4	240.70	3/4	2.45	3/4		3/4		3/4		3/4	
2	1,281.12	2	1,018.15	2	757.41	2	498.19	2	235.23	2		2		2		2		2	
1/4	1,275.64	1/4	1,012.67	1/4	752.08	1/4	492.71	1/4	229.75	1/4		1/4		1/4		1/4		1/4	
1/2	1,270.16	1/2	1,007.19	1/2	746.75	1/2	487.23	1/2	224.27	1/2		1/2		1/2		1/2		1/2	
3/4	1,264.68	3/4	1,001.71	3/4	741.42	3/4	481.75	3/4	218.79	3/4		3/4		3/4		3/4		3/4	
3	1,259.20	3	996.23	3	736.10	3	476.28	3	213.31	3		3		3		3		3	
1/4	1,253.73	1/4	990.75	1/4	730.77	1/4	470.80	1/4	207.83	1/4		1/4		1/4		1/4		1/4	
1/2	1,248.25	1/2	985.27	1/2	725.44	1/2	465.32	1/2	202.36	1/2		1/2		1/2		1/2		1/2	
3/4	1,242.77	3/4	979.80	3/4	720.11	3/4	459.84	3/4	196.88	3/4		3/4		3/4		3/4		3/4	
4	1,237.29	4	974.32	4	714.78	4	454.36	4	191.40	4		4		4		4		4	
1/4	1,231.81	1/4	968.84	1/4	709.45	1/4	448.88	1/4	185.92	1/4		1/4		1/4		1/4		1/4	
1/2	1,226.33	1/2	963.36	1/2	704.12	1/2	443.41	1/2	180.44	1/2		1/2		1/2		1/2		1/2	
3/4	1,220.85	3/4	957.88	3/4	698.80	3/4	437.93	3/4	174.96	3/4		3/4		3/4		3/4		3/4	
5	1,215.38	5	952.40	5	693.47	5	432.45	5	169.49	5		5		5		5		5	
1/4	1,209.90	1/4	946.92	1/4	688.14	1/4	426.97	1/4	164.01	1/4		1/4		1/4		1/4		1/4	
1/2	1,204.42	1/2	941.45	1/2	682.81	1/2	421.49	1/2	158.53	1/2		1/2		1/2		1/2		1/2	
3/4	1,198.94	3/4	935.97	3/4	677.48	3/4	416.01	3/4	153.05	3/4		3/4		3/4		3/4		3/4	
6	1,193.46	6	930.49	6	672.15	6	410.53	6	147.58	6		6		6		6		6	
1/4	1,187.98	1/4	925.01	1/4	666.82	1/4	405.06	1/4	142.10	1/4		1/4		1/4		1/4		1/4	
1/2	1,182.50	1/2	919.53	1/2	661.50	1/2	399.58	1/2	136.63	1/2		1/2		1/2		1/2		1/2	
3/4	1,177.02	3/4	914.05	3/4	656.17	3/4	394.10	3/4	131.15	3/4		3/4		3/4		3/4		3/4	
7	1,171.55	7	908.57	7	650.84	7	388.62	7	125.69	7		7		7		7		7	
1/4	1,166.07	1/4	903.09	1/4	645.51	1/4	383.14	1/4	120.22	1/4		1/4		1/4		1/4		1/4	
1/2	1,160.59	1/2	897.62	1/2	640.18	1/2	377.66	1/2	114.75	1/2		1/2		1/2		1/2		1/2	
3/4	1,155.11	3/4	892.14	3/4	634.85	3/4	372.19	3/4	109.28	3/4		3/4		3/4		3/4		3/4	
8	1,149.63	8	886.66	8	629.45	8	366.71	8	103.83	8		8		8		8		8	
1/4	1,144.15	1/4	881.18	1/4	624.04	1/4	361.23	1/4	98.38	1/4		1/4		1/4		1/4		1/4	
1/2	1,138.67	1/2	875.70	1/2	618.64	1/2	355.75	1/2	92.93	1/2		1/2		1/2		1/2		1/2	
3/4	1,133.20	3/4	870.22	3/4	613.24	3/4	350.27	3/4	87.47	3/4		3/4		3/4		3/4		3/4	
9	1,127.72	9	864.74	9	607.76	9	344.79	9	82.04	9		9		9		9		9	
1/4	1,122.24	1/4	859.27	1/4	602.28	1/4	339.32	1/4	76.61	1/4		1/4		1/4		1/4		1/4	
1/2	1,116.76	1/2	853.79	1/2	596.80	1/2	333.84	1/2	71.19	1/2		1/2		1/2		1/2		1/2	
3/4	1,111.28	3/4	848.31	3/4	591.32	3/4	328.36	3/4	65.76	3/4		3/4		3/4		3/4		3/4	
10	1,105.80	10	842.90	10	585.84	10	322.88	10	60.37	10		10		10		10		10	
1/4	1,100.32	1/4	837.50	1/4	580.37	1/4	317.40	1/4	54.98	1/4		1/4		1/4		1/4		1/4	
1/2	1,094.85	1/2	832.10	1/2	574.89	1/2	311.92	1/2	49.59	1/2		1/2		1/2		1/2		1/2	
3/4	1,089.37	3/4	826.69	3/4	569.41	3/4	306.45	3/4	44.20	3/4		3/4		3/4		3/4		3/4	
11	1,083.89	11	821.36	11	563.93	11	300.97	11	39.23	11		11		11		11		11	
1/4	1,078.41	1/4	816.03	1/4	558.45	1/4	295.49	1/4	34.27	1/4		1/4		1/4		1/4		1/4	
1/2	1,072.93	1/2	810.70	1/2	552.97	1/2	290.01	1/2	29.31	1/2		1/2		1/2		1/2		1/2	
3/4	1,067.45	3/4	805.37	3/4	547.49	3/4	284.53	3/4	24.35	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 1113"

## 3 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	3,414.12	0	3,153.52	0	2,892.92	0	2,632.33	0	2,371.73	0	2,111.13	0	1,850.54	0	1,589.94
1/4		1/4	3,649.81	1/4	3,408.69	1/4	3,148.09	1/4	2,887.49	1/4	2,626.90	1/4	2,366.30	1/4	2,105.70	1/4	1,845.11	1/4	1,584.51
1/2		1/2	3,647.55	1/2	3,142.66	1/2	2,882.06	1/2	2,621.47	1/2	2,360.87	1/2	2,100.27	1/2	2,009.85	1/2	1,839.68	1/2	1,579.08
3/4		3/4	3,645.29	3/4	3,397.83	3/4	3,137.23	3/4	2,876.64	3/4	2,616.04	3/4	2,355.44	3/4	2,094.85	3/4	1,834.25	3/4	1,573.65
1		1	3,643.02	1	3,392.40	1	3,131.80	1	2,871.21	1	2,610.61	1	2,350.01	1	2,089.42	1	1,828.82	1	1,568.22
1/4		1/4	3,640.76	1/4	3,386.97	1/4	3,126.37	1/4	2,865.78	1/4	2,605.18	1/4	2,344.58	1/4	2,083.99	1/4	1,823.39	1/4	1,562.79
1/2		1/2	3,636.73	1/2	3,381.54	1/2	3,120.95	1/2	2,860.35	1/2	2,599.75	1/2	2,339.15	1/2	2,078.56	1/2	1,817.96	1/2	1,557.36
3/4		3/4	3,632.69	3/4	3,376.11	3/4	3,115.52	3/4	2,854.92	3/4	2,594.32	3/4	2,333.73	3/4	2,073.13	3/4	1,812.53	3/4	1,551.94
2		2	3,628.66	2	3,370.68	2	3,110.09	2	2,849.49	2	2,588.89	2	2,328.30	2	2,067.70	2	1,807.10	2	1,546.51
1/4		1/4	3,624.62	1/4	3,365.25	1/4	3,104.66	1/4	2,844.06	1/4	2,583.46	1/4	2,322.87	1/4	2,062.27	1/4	1,801.67	1/4	1,541.08
1/2		1/2	3,619.47	1/2	3,359.83	1/2	3,099.23	1/2	2,838.63	1/2	2,578.04	1/2	2,317.44	1/2	2,056.84	1/2	1,796.24	1/2	1,535.65
3/4		3/4	3,614.33	3/4	3,354.40	3/4	3,093.80	3/4	2,833.20	3/4	2,572.61	3/4	2,312.01	3/4	2,051.41	3/4	1,790.82	3/4	1,530.22
3		3	3,609.18	3	3,348.97	3	3,088.37	3	2,827.77	3	2,567.18	3	2,306.58	3	2,045.98	3	1,785.39	3	1,524.79
1/4		1/4	3,604.03	1/4	3,343.54	1/4	3,082.94	1/4	2,822.34	1/4	2,561.75	1/4	2,301.15	1/4	2,040.55	1/4	1,779.96	1/4	1,519.36
1/2		1/2	3,598.62	1/2	3,338.11	1/2	3,077.51	1/2	2,816.92	1/2	2,556.32	1/2	2,295.72	1/2	2,035.13	1/2	1,774.53	1/2	1,513.93
3/4		3/4	3,593.21	3/4	3,332.68	3/4	3,072.08	3/4	2,811.49	3/4	2,550.89	3/4	2,290.29	3/4	2,029.70	3/4	1,769.10	3/4	1,508.50
4		4	3,587.80	4	3,327.25	4	3,066.65	4	2,806.06	4	2,545.46	4	2,284.86	4	2,024.27	4	1,763.67	4	1,503.07
1/4		1/4	3,582.39	1/4	3,321.82	1/4	3,061.23	1/4	2,800.63	1/4	2,540.03	1/4	2,279.43	1/4	2,018.84	1/4	1,758.24	1/4	1,497.64
1/2		1/2	3,576.97	1/2	3,316.39	1/2	3,055.80	1/2	2,795.20	1/2	2,534.60	1/2	2,274.01	1/2	2,013.41	1/2	1,752.81	1/2	1,492.22
3/4		3/4	3,571.54	3/4	3,310.96	3/4	3,050.37	3/4	2,789.77	3/4	2,529.17	3/4	2,268.58	3/4	2,007.98	3/4	1,747.38	3/4	1,486.79
5		5	3,566.12	5	3,305.53	5	3,044.94	5	2,784.34	5	2,523.74	5	2,263.15	5	2,002.55	5	1,741.95	5	1,481.36
1/4		1/4	3,560.70	1/4	3,300.11	1/4	3,039.51	1/4	2,778.91	1/4	2,518.32	1/4	2,257.72	1/4	1,997.12	1/4	1,736.52	1/4	1,475.93
1/2		1/2	3,555.27	1/2	3,294.68	1/2	3,034.08	1/2	2,773.48	1/2	2,512.89	1/2	2,252.29	1/2	1,991.69	1/2	1,731.10	1/2	1,470.50
3/4		3/4	3,549.84	3/4	3,289.25	3/4	3,028.65	3/4	2,768.05	3/4	2,507.46	3/4	2,246.86	3/4	1,986.26	3/4	1,725.67	3/4	1,465.07
6		6	3,544.41	6	3,283.82	6	3,023.22	6	2,762.62	6	2,502.03	6	2,241.43	6	1,980.83	6	1,720.24	6	1,459.64
1/4		1/4	3,538.99	1/4	3,278.39	1/4	3,017.79	1/4	2,757.20	1/4	2,496.60	1/4	2,236.00	1/4	1,975.41	1/4	1,714.81	1/4	1,454.21
1/2		1/2	3,533.56	1/2	3,272.96	1/2	3,012.36	1/2	2,751.77	1/2	2,491.17	1/2	2,230.57	1/2	1,969.98	1/2	1,709.38	1/2	1,448.78
3/4		3/4	3,528.13	3/4	3,267.53	3/4	3,006.93	3/4	2,746.34	3/4	2,485.74	3/4	2,225.14	3/4	1,964.55	3/4	1,703.95	3/4	1,443.35
7		7	3,522.70	7	3,262.10	7	3,001.51	7	2,740.91	7	2,480.31	7	2,219.71	7	1,959.12	7	1,698.52	7	1,437.92
1/4		1/4	3,517.27	1/4	3,256.67	1/4	2,996.08	1/4	2,735.48	1/4	2,474.88	1/4	2,214.29	1/4	1,953.69	1/4	1,693.09	1/4	1,432.50
1/2		1/2	3,511.84	1/2	3,251.24	1/2	2,990.65	1/2	2,730.05	1/2	2,469.45	1/2	2,208.86	1/2	1,948.26	1/2	1,687.66	1/2	1,427.07
3/4		3/4	3,506.41	3/4	3,245.81	3/4	2,985.22	3/4	2,724.62	3/4	2,464.02	3/4	2,203.43	3/4	1,942.83	3/4	1,682.23	3/4	1,421.64
8		8	3,500.98	8	3,240.39	8	2,979.79	8	2,719.19	8	2,458.60	8	2,198.00	8	1,937.40	8	1,676.80	8	1,416.21
1/4		1/4	3,495.55	1/4	3,234.96	1/4	2,974.36	1/4	2,713.76	1/4	2,453.17	1/4	2,192.57	1/4	1,931.97	1/4	1,671.38	1/4	1,410.78
1/2		1/2	3,490.12	1/2	3,229.53	1/2	2,968.93	1/2	2,708.33	1/2	2,447.74	1/2	2,187.14	1/2	1,926.54	1/2	1,665.95	1/2	1,405.35
3/4		3/4	3,484.70	3/4	3,224.10	3/4	2,963.50	3/4	2,702.90	3/4	2,442.31	3/4	2,181.71	3/4	1,921.11	3/4	1,660.52	3/4	1,399.92
9		9	3,479.27	9	3,218.67	9	2,958.07	9	2,697.48	9	2,436.88	9	2,176.28	9	1,915.69	9	1,655.09	9	1,394.49
1/4		1/4	3,473.84	1/4	3,213.24	1/4	2,952.64	1/4	2,692.05	1/4	2,431.45	1/4	2,170.85	1/4	1,910.26	1/4	1,649.66	1/4	1,389.06
1/2		1/2	3,468.41	1/2	3,207.81	1/2	2,947.21	1/2	2,686.62	1/2	2,426.02	1/2	2,165.42	1/2	1,904.83	1/2	1,644.23	1/2	1,383.63
3/4		3/4	3,462.98	3/4	3,202.38	3/4	2,941.79	3/4	2,681.19	3/4	2,420.59	3/4	2,159.99	3/4	1,899.40	3/4	1,638.80	3/4	1,378.20
10		10	3,457.55	10	3,196.95	10	2,936.36	10	2,675.76	10	2,415.16	10	2,154.57	10	1,893.97	10	1,633.37	10	1,372.78
1/4		1/4	3,452.12	1/4	3,191.52	1/4	2,930.93	1/4	2,670.33	1/4	2,409.73	1/4	2,149.14	1/4	1,888.54	1/4	1,627.94	1/4	1,367.35
1/2		1/2	3,446.69	1/2	3,186.09	1/2	2,925.50	1/2	2,664.90	1/2	2,404.30	1/2	2,143.71	1/2	1,883.11	1/2	1,622.51	1/2	1,361.92
3/4		3/4	3,441.26	3/4	3,180.67	3/4	2,920.07	3/4	2,659.47	3/4	2,398.88	3/4	2,138.28	3/4	1,877.68	3/4	1,617.08	3/4	1,356.49
11		11	3,435.83	11	3,175.24	11	2,914.64	11	2,654.04	11	2,393.45	11	2,132.85	11	1,872.25	11	1,611.66	11	1,351.06
1/4		1/4	3,430.40	1/4	3,169.81	1/4	2,909.21	1/4	2,648.61	1/4	2,388.02	1/4	2,127.42	1/4	1,866.82	1/4	1,606.23	1/4	1,345.63
1/2		1/2	3,424.97	1/2	3,164.38	1/2	2,903.78	1/2	2,643.18	1/2	2,382.59	1/2	2,121.99	1/2	1,861.39	1/2	1,600.80	1/2	1,340.20
3/4		3/4	3,419.55	3/4	3,158.95	3/4	2,898.35	3/4	2,637.76	3/4	2,377.16	3/4	2,116.56	3/4	1,855.97	3/4	1,595.37	3/4	1,334.77

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 1113"

## 3 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	1,329.34	0	1,068.75	0	808.20	0	547.98	0	287.39	0	29.05	0		0		0		0	
1/4	1,323.91	1/4	1,063.32	1/4	802.78	1/4	542.55	1/4	281.96	1/4	24.13	1/4		1/4		1/4		1/4	
1/2	1,318.48	1/2	1,057.89	1/2	797.36	1/2	537.12	1/2	276.53	1/2	20.52	1/2		1/2		1/2		1/2	
3/4	1,313.06	3/4	1,052.46	3/4	791.94	3/4	531.69	3/4	271.10	3/4	16.90	3/4		3/4		3/4		3/4	
1	1,307.63	1	1,047.03	1	786.52	1	526.26	1	265.67	1	13.29	1		1		1		1	
1/4	1,302.20	1/4	1,041.60	1/4	781.10	1/4	520.83	1/4	260.25	1/4	9.67	1/4		1/4		1/4		1/4	
1/2	1,296.77	1/2	1,036.17	1/2	775.68	1/2	515.40	1/2	254.82	1/2	7.86	1/2		1/2		1/2		1/2	
3/4	1,291.34	3/4	1,030.74	3/4	770.26	3/4	509.98	3/4	249.39	3/4	6.05	3/4		3/4		3/4		3/4	
2	1,285.91	2	1,025.31	2	764.85	2	504.55	2	243.96	2	4.24	2		2		2		2	
1/4	1,280.48	1/4	1,019.88	1/4	759.43	1/4	499.12	1/4	238.53	1/4	2.43	1/4		1/4		1/4		1/4	
1/2	1,275.05	1/2	1,014.45	1/2	754.01	1/2	493.69	1/2	233.10	1/2		1/2		1/2		1/2		1/2	
3/4	1,269.62	3/4	1,009.03	3/4	748.59	3/4	488.26	3/4	227.67	3/4		3/4		3/4		3/4		3/4	
3	1,264.19	3	1,003.60	3	743.17	3	482.83	3	222.24	3		3		3		3		3	
1/4	1,258.76	1/4	998.17	1/4	737.75	1/4	477.40	1/4	216.81	1/4		1/4		1/4		1/4		1/4	
1/2	1,253.33	1/2	992.74	1/2	732.34	1/2	471.97	1/2	211.39	1/2		1/2		1/2		1/2		1/2	
3/4	1,247.91	3/4	987.31	3/4	726.92	3/4	466.54	3/4	205.96	3/4		3/4		3/4		3/4		3/4	
4	1,242.48	4	981.88	4	721.50	4	461.12	4	200.53	4		4		4		4		4	
1/4	1,237.05	1/4	976.45	1/4	716.08	1/4	455.69	1/4	195.10	1/4		1/4		1/4		1/4		1/4	
1/2	1,231.62	1/2	971.02	1/2	710.66	1/2	450.26	1/2	189.67	1/2		1/2		1/2		1/2		1/2	
3/4	1,226.19	3/4	965.59	3/4	705.24	3/4	444.83	3/4	184.24	3/4		3/4		3/4		3/4		3/4	
5	1,220.76	5	960.16	5	699.83	5	439.40	5	178.81	5		5		5		5		5	
1/4	1,215.33	1/4	954.73	1/4	694.41	1/4	433.97	1/4	173.38	1/4		1/4		1/4		1/4		1/4	
1/2	1,209.90	1/2	949.31	1/2	688.99	1/2	428.54	1/2	167.96	1/2		1/2		1/2		1/2		1/2	
3/4	1,204.47	3/4	943.88	3/4	683.57	3/4	423.11	3/4	162.53	3/4		3/4		3/4		3/4		3/4	
6	1,199.04	6	938.45	6	678.15	6	417.68	6	157.10	6		6		6		6		6	
1/4	1,193.61	1/4	933.02	1/4	672.73	1/4	412.26	1/4	151.67	1/4		1/4		1/4		1/4		1/4	
1/2	1,188.19	1/2	927.59	1/2	667.32	1/2	406.83	1/2	146.25	1/2		1/2		1/2		1/2		1/2	
3/4	1,182.76	3/4	922.16	3/4	661.90	3/4	401.40	3/4	140.82	3/4		3/4		3/4		3/4		3/4	
7	1,177.33	7	916.73	7	656.48	7	395.97	7	135.40	7		7		7		7		7	
1/4	1,171.90	1/4	911.30	1/4	651.06	1/4	390.54	1/4	129.97	1/4		1/4		1/4		1/4		1/4	
1/2	1,166.47	1/2	905.87	1/2	645.64	1/2	385.11	1/2	124.55	1/2		1/2		1/2		1/2		1/2	
3/4	1,161.04	3/4	900.44	3/4	640.22	3/4	379.68	3/4	119.14	3/4		3/4		3/4		3/4		3/4	
8	1,155.61	8	895.01	8	634.81	8	374.25	8	113.72	8		8		8		8		8	
1/4	1,150.18	1/4	889.59	1/4	629.39	1/4	368.82	1/4	108.30	1/4		1/4		1/4		1/4		1/4	
1/2	1,144.75	1/2	884.16	1/2	623.96	1/2	363.40	1/2	102.90	1/2		1/2		1/2		1/2		1/2	
3/4	1,139.32	3/4	878.73	3/4	618.54	3/4	357.97	3/4	97.49	3/4		3/4		3/4		3/4		3/4	
9	1,133.89	9	873.30	9	613.12	9	352.54	9	92.09	9		9		9		9		9	
1/4	1,128.47	1/4	867.87	1/4	607.70	1/4	347.11	1/4	86.69	1/4		1/4		1/4		1/4		1/4	
1/2	1,123.04	1/2	862.44	1/2	602.27	1/2	341.68	1/2	81.31	1/2		1/2		1/2		1/2		1/2	
3/4	1,117.61	3/4	857.01	3/4	596.84	3/4	336.25	3/4	75.93	3/4		3/4		3/4		3/4		3/4	
10	1,112.18	10	851.58	10	591.41	10	330.82	10	70.54	10		10		10		10		10	
1/4	1,106.75	1/4	846.15	1/4	585.98	1/4	325.39	1/4	65.16	1/4		1/4		1/4		1/4		1/4	
1/2	1,101.32	1/2	840.73	1/2	580.55	1/2	319.96	1/2	59.82	1/2		1/2		1/2		1/2		1/2	
3/4	1,095.89	3/4	835.30	3/4	575.12	3/4	314.54	3/4	54.48	3/4		3/4		3/4		3/4		3/4	
11	1,090.46	11	829.88	11	569.69	11	309.11	11	49.14	11		11		11		11		11	
1/4	1,085.03	1/4	824.45	1/4	564.26	1/4	303.68	1/4	43.80	1/4		1/4		1/4		1/4		1/4	
1/2	1,079.60	1/2	819.04	1/2	558.84	1/2	298.25	1/2	38.88	1/2		1/2		1/2		1/2		1/2	
3/4	1,074.17	3/4	813.62	3/4	553.41	3/4	292.82	3/4	33.97	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>