



# BARGE "IB 1092"

## 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	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
2 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8
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 00-1/4"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 1/4"

LENGTH BETWEEN DRAFT MARKS: 163'-00"

July 19, 2017

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

<http://www.pmacorp.net>



# BARGE "IB 1092"

# 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	3,759.92	0	3,505.42	0	3,250.91	0	2,996.41	0	2,717.74	0	2,420.20	0	2,122.66	0	1,825.11
1/4		1/4		1/4	3,754.62	1/4	3,500.12	1/4	3,245.61	1/4	2,991.10	1/4	2,711.54	1/4	2,414.00	1/4	2,116.46	1/4	1,818.91
1/2		1/2		1/2	3,749.32	1/2	3,494.81	1/2	3,240.31	1/2	2,985.80	1/2	2,705.34	1/2	2,407.80	1/2	2,110.26	1/2	1,812.72
3/4		3/4		3/4	3,978.07	3/4	3,744.02	3/4	3,489.51	3/4	3,235.01	3/4	2,980.50	3/4	2,699.14	3/4	2,401.60	3/4	1,806.52
1		1		1	3,975.94	1	3,738.72	1	3,484.21	1	3,229.70	1	2,975.20	1	2,692.94	1	2,395.40	1	2,097.87
1/4		1/4		1/4	3,973.80	1/4	3,733.41	1/4	3,478.91	1/4	3,224.40	1/4	2,969.90	1/4	2,686.74	1/4	2,389.20	1/4	2,091.67
1/2		1/2		1/2	3,971.67	1/2	3,728.11	1/2	3,473.60	1/2	3,219.10	1/2	2,964.59	1/2	2,680.54	1/2	2,383.01	1/2	2,085.47
3/4		3/4		3/4	3,969.54	3/4	3,722.81	3/4	3,468.30	3/4	3,213.80	3/4	2,959.29	3/4	2,674.35	3/4	2,376.81	3/4	2,079.27
2		2		2	3,965.83	2	3,717.51	2	3,463.00	2	3,208.49	2	2,953.99	2	2,668.15	2	2,370.61	2	2,073.07
1/4		1/4		1/4	3,962.12	1/4	3,712.20	1/4	3,457.70	1/4	3,203.19	1/4	2,948.69	1/4	2,661.95	1/4	2,364.41	1/4	2,066.87
1/2		1/2		1/2	3,958.42	1/2	3,706.90	1/2	3,452.40	1/2	3,197.89	1/2	2,943.38	1/2	2,655.75	1/2	2,358.21	1/2	2,060.67
3/4		3/4		3/4	3,954.71	3/4	3,701.60	3/4	3,447.09	3/4	3,192.59	3/4	2,938.08	3/4	2,649.55	3/4	2,352.01	3/4	2,054.47
3		3		3	3,949.73	3	3,696.30	3	3,441.79	3	3,187.29	3	2,932.78	3	2,643.35	3	2,345.82	3	2,048.27
1/4		1/4		1/4	3,944.75	1/4	3,691.00	1/4	3,436.49	1/4	3,181.98	1/4	2,927.48	1/4	2,637.15	1/4	2,339.62	1/4	2,042.08
1/2		1/2		1/2	3,939.76	1/2	3,685.69	1/2	3,431.19	1/2	3,176.68	1/2	2,922.18	1/2	2,630.95	1/2	2,333.42	1/2	2,035.88
3/4		3/4		3/4	3,934.78	3/4	3,680.39	3/4	3,425.89	3/4	3,171.38	3/4	2,916.87	3/4	2,624.75	3/4	2,327.22	3/4	2,029.68
4		4		4	3,929.50	4	3,675.09	4	3,420.58	4	3,166.08	4	2,911.58	4	2,618.56	4	2,321.02	4	2,023.48
1/4		1/4		1/4	3,924.22	1/4	3,669.79	1/4	3,415.28	1/4	3,160.78	1/4	2,906.28	1/4	2,612.36	1/4	2,314.82	1/4	2,017.28
1/2		1/2		1/2	3,918.95	1/2	3,664.48	1/2	3,409.98	1/2	3,155.47	1/2	2,900.99	1/2	2,606.16	1/2	2,308.63	1/2	2,011.08
3/4		3/4		3/4	3,913.67	3/4	3,659.18	3/4	3,404.68	3/4	3,150.17	3/4	2,895.69	3/4	2,599.96	3/4	2,302.43	3/4	2,004.88
5		5		5	3,908.37	5	3,653.88	5	3,399.37	5	3,144.87	5	2,889.94	5	2,593.76	5	2,296.23	5	1,998.68
1/4		1/4		1/4	3,903.07	1/4	3,648.58	1/4	3,394.07	1/4	3,139.57	1/4	2,884.20	1/4	2,587.56	1/4	2,290.03	1/4	1,992.48
1/2		1/2		1/2	3,897.78	1/2	3,643.28	1/2	3,388.77	1/2	3,134.26	1/2	2,878.45	1/2	2,581.36	1/2	2,283.83	1/2	1,986.28
3/4		3/4		3/4	3,892.48	3/4	3,637.97	3/4	3,383.47	3/4	3,128.96	3/4	2,872.71	3/4	2,575.16	3/4	2,277.63	3/4	1,980.09
6		6		6	3,887.18	6	3,632.67	6	3,378.17	6	3,123.66	6	2,866.51	6	2,568.96	6	2,271.44	6	1,973.89
1/4		1/4		1/4	3,881.87	1/4	3,627.37	1/4	3,372.86	1/4	3,118.36	1/4	2,860.31	1/4	2,562.76	1/4	2,265.24	1/4	1,967.69
1/2		1/2		1/2	3,876.57	1/2	3,622.07	1/2	3,367.56	1/2	3,113.06	1/2	2,854.11	1/2	2,556.57	1/2	2,259.04	1/2	1,961.49
3/4		3/4		3/4	3,871.27	3/4	3,616.76	3/4	3,362.26	3/4	3,107.75	3/4	2,847.91	3/4	2,550.37	3/4	2,252.84	3/4	1,955.29
7		7		7	3,865.97	7	3,611.46	7	3,356.96	7	3,102.45	7	2,841.72	7	2,544.17	7	2,246.64	7	1,949.09
1/4		1/4		1/4	3,860.67	1/4	3,606.16	1/4	3,351.65	1/4	3,097.15	1/4	2,835.52	1/4	2,537.97	1/4	2,240.44	1/4	1,942.89
1/2		1/2		1/2	3,855.36	1/2	3,600.86	1/2	3,346.35	1/2	3,091.85	1/2	2,829.32	1/2	2,531.77	1/2	2,234.24	1/2	1,936.69
3/4		3/4		3/4	3,850.06	3/4	3,595.56	3/4	3,341.05	3/4	3,086.54	3/4	2,823.12	3/4	2,525.57	3/4	2,228.04	3/4	1,930.49
8		8		8	3,844.76	8	3,590.25	8	3,335.75	8	3,081.24	8	2,816.92	8	2,519.37	8	2,221.84	8	1,924.30
1/4		1/4		1/4	3,839.46	1/4	3,584.95	1/4	3,330.45	1/4	3,075.94	1/4	2,810.72	1/4	2,513.17	1/4	2,215.64	1/4	1,918.10
1/2		1/2		1/2	3,834.15	1/2	3,579.65	1/2	3,325.14	1/2	3,070.64	1/2	2,804.52	1/2	2,506.97	1/2	2,209.45	1/2	1,911.90
3/4		3/4		3/4	3,828.85	3/4	3,574.35	3/4	3,319.84	3/4	3,065.34	3/4	2,798.32	3/4	2,500.78	3/4	2,203.25	3/4	1,905.70
9		9		9	3,823.55	9	3,569.04	9	3,314.54	9	3,060.03	9	2,792.12	9	2,494.58	9	2,197.05	9	1,899.50
1/4		1/4		1/4	3,818.25	1/4	3,563.74	1/4	3,309.24	1/4	3,054.73	1/4	2,785.93	1/4	2,488.38	1/4	2,190.85	1/4	1,893.30
1/2		1/2		1/2	3,812.95	1/2	3,558.44	1/2	3,303.93	1/2	3,049.43	1/2	2,779.73	1/2	2,482.18	1/2	2,184.65	1/2	1,887.10
3/4		3/4		3/4	3,807.64	3/4	3,553.14	3/4	3,298.63	3/4	3,044.13	3/4	2,773.53	3/4	2,475.98	3/4	2,178.45	3/4	1,880.90
10		10		10	3,802.34	10	3,547.84	10	3,293.33	10	3,038.82	10	2,767.33	10	2,469.78	10	2,172.25	10	1,874.70
1/4		1/4		1/4	3,797.04	1/4	3,542.53	1/4	3,288.03	1/4	3,033.52	1/4	2,761.13	1/4	2,463.58	1/4	2,166.05	1/4	1,868.51
1/2		1/2		1/2	3,791.74	1/2	3,537.23	1/2	3,282.73	1/2	3,028.22	1/2	2,754.93	1/2	2,457.39	1/2	2,159.85	1/2	1,862.31
3/4		3/4		3/4	3,786.43	3/4	3,531.93	3/4	3,277.42	3/4	3,022.92	3/4	2,748.73	3/4	2,451.19	3/4	2,153.66	3/4	1,856.11
11		11		11	3,781.13	11	3,526.63	11	3,272.12	11	3,017.62	11	2,742.53	11	2,444.99	11	2,147.46	11	1,849.91
1/4		1/4		1/4	3,775.83	1/4	3,521.32	1/4	3,266.82	1/4	3,012.31	1/4	2,736.33	1/4	2,438.79	1/4	2,141.26	1/4	1,843.71
1/2		1/2		1/2	3,770.53	1/2	3,516.02	1/2	3,261.52	1/2	3,007.01	1/2	2,730.14	1/2	2,432.59	1/2	2,135.06	1/2	1,837.51
3/4		3/4		3/4	3,765.23	3/4	3,510.72	3/4	3,256.21	3/4	3,001.71	3/4	2,723.94	3/4	2,426.39	3/4	2,128.86	3/4	1,831.31

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.  
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
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# BARGE "IB 1092"

## 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	1,527.95	0	1,230.70	0	933.74	0	641.81	0	344.26	0	47.82	0		0		0		0	
1/4	1,521.77	1/4	1,224.50	1/4	927.69	1/4	635.61	1/4	338.06	1/4	42.19	1/4		1/4		1/4		1/4	
1/2	1,515.58	1/2	1,218.30	1/2	921.65	1/2	629.41	1/2	331.86	1/2	36.57	1/2		1/2		1/2		1/2	
3/4	1,509.40	3/4	1,212.11	3/4	915.60	3/4	623.21	3/4	325.66	3/4	30.94	3/4		3/4		3/4		3/4	
1	1,503.21	1	1,205.91	1	909.55	1	617.02	1	319.46	1	26.81	1		1		1		1	
1/4	1,497.03	1/4	1,199.72	1/4	903.50	1/4	610.82	1/4	313.26	1/4	22.67	1/4		1/4		1/4		1/4	
1/2	1,490.84	1/2	1,193.52	1/2	897.46	1/2	604.62	1/2	307.06	1/2	18.54	1/2		1/2		1/2		1/2	
3/4	1,484.66	3/4	1,187.33	3/4	891.41	3/4	598.42	3/4	300.86	3/4	14.40	3/4		3/4		3/4		3/4	
2	1,478.48	2	1,181.13	2	885.36	2	592.22	2	294.66	2	12.33	2		2		2		2	
1/4	1,472.29	1/4	1,174.93	1/4	879.32	1/4	586.02	1/4	288.46	1/4	10.26	1/4		1/4		1/4		1/4	
1/2	1,466.11	1/2	1,168.74	1/2	873.27	1/2	579.82	1/2	282.26	1/2	8.19	1/2		1/2		1/2		1/2	
3/4	1,459.92	3/4	1,162.54	3/4	867.22	3/4	573.62	3/4	276.06	3/4	6.12	3/4		3/4		3/4		3/4	
3	1,453.73	3	1,156.35	3	861.17	3	567.42	3	269.86	3		3		3		3		3	
1/4	1,447.54	1/4	1,150.15	1/4	855.13	1/4	561.22	1/4	263.66	1/4		1/4		1/4		1/4		1/4	
1/2	1,441.35	1/2	1,143.95	1/2	849.08	1/2	555.02	1/2	257.46	1/2		1/2		1/2		1/2		1/2	
3/4	1,435.16	3/4	1,137.76	3/4	843.03	3/4	548.83	3/4	251.27	3/4		3/4		3/4		3/4		3/4	
4	1,428.96	4	1,131.56	4	836.99	4	542.63	4	245.06	4		4		4		4		4	
1/4	1,422.77	1/4	1,125.37	1/4	830.94	1/4	536.43	1/4	238.86	1/4		1/4		1/4		1/4		1/4	
1/2	1,416.57	1/2	1,119.17	1/2	824.89	1/2	530.23	1/2	232.66	1/2		1/2		1/2		1/2		1/2	
3/4	1,410.37	3/4	1,112.98	3/4	818.85	3/4	524.03	3/4	226.46	3/4		3/4		3/4		3/4		3/4	
5	1,404.18	5	1,106.78	5	812.80	5	517.83	5	220.25	5		5		5		5		5	
1/4	1,397.98	1/4	1,100.58	1/4	806.75	1/4	511.63	1/4	214.04	1/4		1/4		1/4		1/4		1/4	
1/2	1,391.79	1/2	1,094.39	1/2	800.71	1/2	505.43	1/2	207.84	1/2		1/2		1/2		1/2		1/2	
3/4	1,385.59	3/4	1,088.19	3/4	794.66	3/4	499.23	3/4	201.63	3/4		3/4		3/4		3/4		3/4	
6	1,379.40	6	1,082.00	6	788.61	6	493.03	6	195.43	6		6		6		6		6	
1/4	1,373.20	1/4	1,075.80	1/4	782.57	1/4	486.83	1/4	189.23	1/4		1/4		1/4		1/4		1/4	
1/2	1,367.00	1/2	1,069.61	1/2	776.52	1/2	480.64	1/2	183.02	1/2		1/2		1/2		1/2		1/2	
3/4	1,360.81	3/4	1,063.41	3/4	770.47	3/4	474.44	3/4	176.82	3/4		3/4		3/4		3/4		3/4	
7	1,354.61	7	1,057.21	7	764.43	7	468.24	7	170.62	7		7		7		7		7	
1/4	1,348.42	1/4	1,051.02	1/4	758.38	1/4	462.04	1/4	164.42	1/4		1/4		1/4		1/4		1/4	
1/2	1,342.22	1/2	1,044.82	1/2	752.33	1/2	455.84	1/2	158.22	1/2		1/2		1/2		1/2		1/2	
3/4	1,336.02	3/4	1,038.63	3/4	746.29	3/4	449.64	3/4	152.02	3/4		3/4		3/4		3/4		3/4	
8	1,329.83	8	1,032.43	8	740.24	8	443.44	8	145.82	8		8		8		8		8	
1/4	1,323.63	1/4	1,026.23	1/4	734.19	1/4	437.24	1/4	139.63	1/4		1/4		1/4		1/4		1/4	
1/2	1,317.44	1/2	1,020.04	1/2	728.15	1/2	431.04	1/2	133.43	1/2		1/2		1/2		1/2		1/2	
3/4	1,311.24	3/4	1,013.84	3/4	722.10	3/4	424.84	3/4	127.24	3/4		3/4		3/4		3/4		3/4	
9	1,305.05	9	1,007.65	9	715.97	9	418.64	9	121.05	9		9		9		9		9	
1/4	1,298.85	1/4	1,001.45	1/4	709.85	1/4	412.45	1/4	114.87	1/4		1/4		1/4		1/4		1/4	
1/2	1,292.65	1/2	995.26	1/2	703.73	1/2	406.25	1/2	108.69	1/2		1/2		1/2		1/2		1/2	
3/4	1,286.46	3/4	989.06	3/4	697.60	3/4	400.05	3/4	102.51	3/4		3/4		3/4		3/4		3/4	
10	1,280.26	10	982.86	10	691.40	10	393.85	10	96.35	10		10		10		10		10	
1/4	1,274.07	1/4	976.67	1/4	685.21	1/4	387.65	1/4	90.20	1/4		1/4		1/4		1/4		1/4	
1/2	1,267.87	1/2	970.47	1/2	679.01	1/2	381.45	1/2	84.04	1/2		1/2		1/2		1/2		1/2	
3/4	1,261.68	3/4	964.28	3/4	672.81	3/4	375.25	3/4	77.89	3/4		3/4		3/4		3/4		3/4	
11	1,255.48	11	958.15	11	666.61	11	369.05	11	71.78	11		11		11		11		11	
1/4	1,249.28	1/4	952.03	1/4	660.41	1/4	362.85	1/4	65.66	1/4		1/4		1/4		1/4		1/4	
1/2	1,243.09	1/2	945.91	1/2	654.21	1/2	356.65	1/2	59.55	1/2		1/2		1/2		1/2		1/2	
3/4	1,236.89	3/4	939.79	3/4	648.01	3/4	350.45	3/4	53.44	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/19/2017 CL  
CALCULATED: 07/20/2017 CL  
PRINTED: 07/20/2017 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2017

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
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# BARGE "IB 1092"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-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	3,471.38	0	3,208.08	0	2,944.78	0	2,681.48	0	2,418.19	0	2,154.89	0	1,891.59	0	1,628.29
1/4	1/4		1/4		3,465.90	1/4	3,202.60	1/4	2,939.30	1/4	2,676.00	1/4	2,412.70	1/4	2,149.40	1/4	1,886.10	1/4	1,622.80
1/2	1/2		1/2		3,460.41	1/2	3,197.11	1/2	2,933.81	1/2	2,670.51	1/2	2,407.21	1/2	2,143.92	1/2	1,880.62	1/2	1,617.32
3/4	3/4		3/4		3,454.93	3/4	3,191.63	3/4	2,928.33	3/4	2,665.03	3/4	2,401.73	3/4	2,138.43	3/4	1,875.13	3/4	1,611.83
1		1		1	3,449.44	1	3,186.14	1	2,922.84	1	2,659.54	1	2,396.24	1	2,132.94	1	1,869.65	1	1,606.35
1/4	1/4		1/4		3,443.96	1/4	3,180.66	1/4	2,917.36	1/4	2,654.06	1/4	2,390.76	1/4	2,127.46	1/4	1,864.16	1/4	1,600.86
1/2	1/2		1/2		3,682.11	1/2	3,438.47	1/2	2,911.87	1/2	2,648.57	1/2	2,385.27	1/2	2,121.97	1/2	1,858.67	1/2	1,595.38
3/4	3/4		3/4		3,679.82	3/4	3,432.98	3/4	3,169.69	3/4	2,906.39	3/4	2,643.09	3/4	2,379.79	3/4	2,116.49	3/4	1,589.89
2		2		2	3,677.54	2	3,427.50	2	2,900.90	2	2,637.60	2	2,374.30	2	2,111.00	2	1,847.70	2	1,584.40
1/4	1/4		1/4		3,675.25	1/4	3,422.01	1/4	3,158.71	1/4	2,895.42	1/4	2,632.12	1/4	2,368.82	1/4	2,105.52	1/4	1,578.92
1/2	1/2		1/2		3,672.97	1/2	3,416.53	1/2	3,153.23	1/2	2,889.93	1/2	2,626.63	1/2	2,363.33	1/2	2,100.03	1/2	1,573.43
3/4	3/4		3/4		3,668.89	3/4	3,411.04	3/4	3,147.74	3/4	2,884.44	3/4	2,621.14	3/4	2,357.85	3/4	2,094.55	3/4	1,567.95
3		3		3	3,664.82	3	3,405.56	3	3,142.26	3	2,878.96	3	2,615.66	3	2,352.36	3	2,089.06	3	1,562.46
1/4	1/4		1/4		3,660.74	1/4	3,400.07	1/4	3,136.77	1/4	2,873.47	1/4	2,610.17	1/4	2,346.87	1/4	2,083.58	1/4	1,556.98
1/2	1/2		1/2		3,656.66	1/2	3,394.59	1/2	3,131.29	1/2	2,867.99	1/2	2,604.69	1/2	2,341.39	1/2	2,078.09	1/2	1,551.49
3/4	3/4		3/4		3,651.46	3/4	3,389.10	3/4	3,125.80	3/4	2,862.50	3/4	2,599.20	3/4	2,335.90	3/4	2,072.60	3/4	1,546.01
4		4		4	3,646.26	4	3,383.62	4	3,120.32	4	2,857.02	4	2,593.72	4	2,330.42	4	2,067.12	4	1,540.52
1/4	1/4		1/4		3,641.05	1/4	3,378.13	1/4	3,114.83	1/4	2,851.53	1/4	2,588.23	1/4	2,324.93	1/4	2,061.63	1/4	1,535.04
1/2	1/2		1/2		3,635.85	1/2	3,372.64	1/2	3,109.35	1/2	2,846.05	1/2	2,582.75	1/2	2,319.45	1/2	2,056.15	1/2	1,529.55
3/4	3/4		3/4		3,630.39	3/4	3,367.16	3/4	3,103.86	3/4	2,840.56	3/4	2,577.26	3/4	2,313.96	3/4	2,050.66	3/4	1,524.06
5		5		5	3,624.92	5	3,361.67	5	3,098.37	5	2,835.08	5	2,571.78	5	2,308.48	5	2,045.18	5	1,518.58
1/4	1/4		1/4		3,619.46	1/4	3,356.19	1/4	3,092.89	1/4	2,829.59	1/4	2,566.29	1/4	2,302.99	1/4	2,039.69	1/4	1,513.09
1/2	1/2		1/2		3,613.99	1/2	3,350.70	1/2	3,087.40	1/2	2,824.10	1/2	2,560.81	1/2	2,297.51	1/2	2,034.21	1/2	1,507.61
3/4	3/4		3/4		3,608.51	3/4	3,345.22	3/4	3,081.92	3/4	2,818.62	3/4	2,555.32	3/4	2,292.02	3/4	2,028.72	3/4	1,502.12
6		6		6	3,603.03	6	3,339.73	6	3,076.43	6	2,813.13	6	2,549.83	6	2,286.54	6	2,023.24	6	1,496.64
1/4	1/4		1/4		3,597.55	1/4	3,334.25	1/4	3,070.95	1/4	2,807.65	1/4	2,544.35	1/4	2,281.05	1/4	2,017.75	1/4	1,491.15
1/2	1/2		1/2		3,592.07	1/2	3,328.76	1/2	3,065.46	1/2	2,802.16	1/2	2,538.86	1/2	2,275.56	1/2	2,012.27	1/2	1,485.67
3/4	3/4		3/4		3,586.58	3/4	3,323.28	3/4	3,059.98	3/4	2,796.68	3/4	2,533.38	3/4	2,270.08	3/4	2,006.78	3/4	1,480.18
7		7		7	3,581.09	7	3,317.79	7	3,054.49	7	2,791.19	7	2,527.89	7	2,264.59	7	2,001.29	7	1,474.70
1/4	1/4		1/4		3,575.61	1/4	3,312.31	1/4	3,049.01	1/4	2,785.71	1/4	2,522.41	1/4	2,259.11	1/4	1,995.81	1/4	1,469.21
1/2	1/2		1/2		3,570.12	1/2	3,306.82	1/2	3,043.52	1/2	2,780.22	1/2	2,516.92	1/2	2,253.62	1/2	1,990.32	1/2	1,463.73
3/4	3/4		3/4		3,564.63	3/4	3,301.33	3/4	3,038.04	3/4	2,774.74	3/4	2,511.44	3/4	2,248.14	3/4	1,984.84	3/4	1,458.24
8		8		8	3,559.15	8	3,295.85	8	3,032.55	8	2,769.25	8	2,505.95	8	2,242.65	8	1,979.35	8	1,452.75
1/4	1/4		1/4		3,553.66	1/4	3,290.36	1/4	3,027.06	1/4	2,763.77	1/4	2,500.47	1/4	2,237.17	1/4	1,973.87	1/4	1,447.27
1/2	1/2		1/2		3,548.18	1/2	3,284.88	1/2	3,021.58	1/2	2,758.28	1/2	2,494.98	1/2	2,231.68	1/2	1,968.38	1/2	1,441.78
3/4	3/4		3/4		3,542.69	3/4	3,279.39	3/4	3,016.09	3/4	2,752.79	3/4	2,489.50	3/4	2,226.20	3/4	1,962.90	3/4	1,436.30
9		9		9	3,537.21	9	3,273.91	9	3,010.61	9	2,747.31	9	2,484.01	9	2,220.71	9	1,957.41	9	1,430.81
1/4	1/4		1/4		3,531.72	1/4	3,268.42	1/4	3,005.12	1/4	2,741.82	1/4	2,478.52	1/4	2,215.23	1/4	1,951.93	1/4	1,425.33
1/2	1/2		1/2		3,526.24	1/2	3,262.94	1/2	2,999.64	1/2	2,736.34	1/2	2,473.04	1/2	2,209.74	1/2	1,946.44	1/2	1,419.84
3/4	3/4		3/4		3,520.75	3/4	3,257.45	3/4	2,994.15	3/4	2,730.85	3/4	2,467.55	3/4	2,204.25	3/4	1,940.96	3/4	1,414.36
10		10		10	3,515.27	10	3,251.97	10	2,988.67	10	2,725.37	10	2,462.07	10	2,198.77	10	1,935.47	10	1,408.87
1/4	1/4		1/4		3,509.78	1/4	3,246.48	1/4	2,983.18	1/4	2,719.88	1/4	2,456.58	1/4	2,193.28	1/4	1,929.98	1/4	1,403.39
1/2	1/2		1/2		3,504.29	1/2	3,241.00	1/2	2,977.70	1/2	2,714.40	1/2	2,451.10	1/2	2,187.80	1/2	1,924.50	1/2	1,397.90
3/4	3/4		3/4		3,498.81	3/4	3,235.51	3/4	2,972.21	3/4	2,708.91	3/4	2,445.61	3/4	2,182.31	3/4	1,919.01	3/4	1,392.42
11		11		11	3,493.32	11	3,230.02	11	2,966.73	11	2,703.43	11	2,440.13	11	2,176.83	11	1,913.53	11	1,386.93
1/4	1/4		1/4		3,487.84	1/4	3,224.54	1/4	2,961.24	1/4	2,697.94	1/4	2,434.64	1/4	2,171.34	1/4	1,908.04	1/4	1,381.44
1/2	1/2		1/2		3,482.35	1/2	3,219.05	1/2	2,955.75	1/2	2,692.46	1/2	2,429.16	1/2	2,165.86	1/2	1,902.56	1/2	1,375.96
3/4	3/4		3/4		3,476.87	3/4	3,213.57	3/4	2,950.27	3/4	2,686.97	3/4	2,423.67	3/4	2,160.37	3/4	1,897.07	3/4	1,370.47

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.  
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 25'-00" FORWARD OF AFT BULKHEAD.

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



# BARGE "IB 1092"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-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	1,364.99	0	1,101.69	0	838.54	0	581.09	0	317.80	0	55.05	0		0		0		0	
1/4	1,359.50	1/4	1,096.20	1/4	833.13	1/4	575.60	1/4	312.31	1/4	49.65	1/4		1/4		1/4		1/4	
1/2	1,354.02	1/2	1,090.72	1/2	827.72	1/2	570.12	1/2	306.83	1/2	44.25	1/2		1/2		1/2		1/2	
3/4	1,348.53	3/4	1,085.23	3/4	822.38	3/4	564.63	3/4	301.34	3/4	39.29	3/4		3/4		3/4		3/4	
1	1,343.05	1	1,079.75	1	817.04	1	559.15	1	295.86	1	34.32	1		1		1		1	
1/4	1,337.56	1/4	1,074.26	1/4	811.71	1/4	553.66	1/4	290.37	1/4	29.35	1/4		1/4		1/4		1/4	
1/2	1,332.08	1/2	1,068.78	1/2	806.37	1/2	548.18	1/2	284.89	1/2	24.38	1/2		1/2		1/2		1/2	
3/4	1,326.59	3/4	1,063.29	3/4	801.03	3/4	542.69	3/4	279.40	3/4	20.73	3/4		3/4		3/4		3/4	
2	1,321.11	2	1,057.81	2	795.70	2	537.21	2	273.92	2	17.08	2		2		2		2	
1/4	1,315.62	1/4	1,052.32	1/4	790.36	1/4	531.72	1/4	268.43	1/4	13.42	1/4		1/4		1/4		1/4	
1/2	1,310.13	1/2	1,046.84	1/2	785.03	1/2	526.24	1/2	262.95	1/2	9.77	1/2		1/2		1/2		1/2	
3/4	1,304.65	3/4	1,041.35	3/4	779.69	3/4	520.75	3/4	257.46	3/4	7.94	3/4		3/4		3/4		3/4	
3	1,299.16	3	1,035.86	3	774.36	3	515.27	3	251.98	3	6.12	3		3		3		3	
1/4	1,293.68	1/4	1,030.38	1/4	769.02	1/4	509.78	1/4	246.49	1/4	4.29	1/4		1/4		1/4		1/4	
1/2	1,288.19	1/2	1,024.89	1/2	763.68	1/2	504.29	1/2	241.01	1/2	2.45	1/2		1/2		1/2		1/2	
3/4	1,282.71	3/4	1,019.41	3/4	758.35	3/4	498.81	3/4	235.52	3/4		3/4		3/4		3/4		3/4	
4	1,277.22	4	1,013.92	4	753.01	4	493.32	4	230.03	4		4		4		4		4	
1/4	1,271.74	1/4	1,008.44	1/4	747.68	1/4	487.84	1/4	224.55	1/4		1/4		1/4		1/4		1/4	
1/2	1,266.25	1/2	1,002.95	1/2	742.34	1/2	482.35	1/2	219.06	1/2		1/2		1/2		1/2		1/2	
3/4	1,260.77	3/4	997.47	3/4	737.01	3/4	476.87	3/4	213.58	3/4		3/4		3/4		3/4		3/4	
5	1,255.28	5	991.98	5	731.67	5	471.38	5	208.09	5		5		5		5		5	
1/4	1,249.79	1/4	986.50	1/4	726.34	1/4	465.90	1/4	202.61	1/4		1/4		1/4		1/4		1/4	
1/2	1,244.31	1/2	981.01	1/2	721.00	1/2	460.41	1/2	197.12	1/2		1/2		1/2		1/2		1/2	
3/4	1,238.82	3/4	975.52	3/4	715.67	3/4	454.93	3/4	191.64	3/4		3/4		3/4		3/4		3/4	
6	1,233.34	6	970.04	6	710.33	6	449.44	6	186.15	6		6		6		6		6	
1/4	1,227.85	1/4	964.55	1/4	705.00	1/4	443.96	1/4	180.67	1/4		1/4		1/4		1/4		1/4	
1/2	1,222.37	1/2	959.07	1/2	699.66	1/2	438.47	1/2	175.18	1/2		1/2		1/2		1/2		1/2	
3/4	1,216.88	3/4	953.58	3/4	694.33	3/4	432.99	3/4	169.70	3/4		3/4		3/4		3/4		3/4	
7	1,211.40	7	948.10	7	688.99	7	427.50	7	164.21	7		7		7		7		7	
1/4	1,205.91	1/4	942.61	1/4	683.66	1/4	422.02	1/4	158.73	1/4		1/4		1/4		1/4		1/4	
1/2	1,200.43	1/2	937.13	1/2	678.32	1/2	416.53	1/2	153.25	1/2		1/2		1/2		1/2		1/2	
3/4	1,194.94	3/4	931.64	3/4	672.99	3/4	411.05	3/4	147.76	3/4		3/4		3/4		3/4		3/4	
8	1,189.46	8	926.16	8	667.65	8	405.56	8	142.28	8		8		8		8		8	
1/4	1,183.97	1/4	920.67	1/4	662.32	1/4	400.08	1/4	136.80	1/4		1/4		1/4		1/4		1/4	
1/2	1,178.48	1/2	915.19	1/2	656.98	1/2	394.59	1/2	131.32	1/2		1/2		1/2		1/2		1/2	
3/4	1,173.00	3/4	909.70	3/4	651.65	3/4	389.11	3/4	125.84	3/4		3/4		3/4		3/4		3/4	
9	1,167.51	9	904.21	9	646.31	9	383.62	9	120.37	9		9		9		9		9	
1/4	1,162.03	1/4	898.73	1/4	640.98	1/4	378.14	1/4	114.90	1/4		1/4		1/4		1/4		1/4	
1/2	1,156.54	1/2	893.24	1/2	635.64	1/2	372.65	1/2	109.42	1/2		1/2		1/2		1/2		1/2	
3/4	1,151.06	3/4	887.76	3/4	630.23	3/4	367.16	3/4	103.96	3/4		3/4		3/4		3/4		3/4	
10	1,145.57	10	882.27	10	624.82	10	361.68	10	98.50	10		10		10		10		10	
1/4	1,140.09	1/4	876.79	1/4	619.41	1/4	356.19	1/4	93.04	1/4		1/4		1/4		1/4		1/4	
1/2	1,134.60	1/2	871.30	1/2	614.00	1/2	350.71	1/2	87.58	1/2		1/2		1/2		1/2		1/2	
3/4	1,129.12	3/4	865.82	3/4	608.51	3/4	345.22	3/4	82.15	3/4		3/4		3/4		3/4		3/4	
11	1,123.63	11	860.33	11	603.03	11	339.74	11	76.71	11		11		11		11		11	
1/4	1,118.15	1/4	854.85	1/4	597.54	1/4	334.25	1/4	71.28	1/4		1/4		1/4		1/4		1/4	
1/2	1,112.66	1/2	849.36	1/2	592.06	1/2	328.77	1/2	65.84	1/2		1/2		1/2		1/2		1/2	
3/4	1,107.17	3/4	843.95	3/4	586.57	3/4	323.28	3/4	60.44	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/19/2017 CL  
CALCULATED: 07/20/2017 CL  
PRINTED: 07/20/2017 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2017

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



# BARGE "IB 1092"

## 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	3,444.89	0	3,183.61	0	2,922.32	0	2,661.04	0	2,399.76	0	2,138.48	0	1,877.19	0	1,615.91
1/4	1/4		1/4		3,439.45	1/4	3,178.16	1/4	2,916.88	1/4	2,655.60	1/4	2,394.32	1/4	2,133.03	1/4	1,871.75	1/4	1,610.47
1/2	1/2		1/2		3,434.00	1/2	3,172.72	1/2	2,911.44	1/2	2,650.15	1/2	2,388.87	1/2	2,127.59	1/2	1,866.31	1/2	1,605.02
3/4	3/4		3/4		3,428.56	3/4	3,167.28	3/4	2,905.99	3/4	2,644.71	3/4	2,383.43	3/4	2,122.15	3/4	1,860.86	3/4	1,599.58
1		1		1	3,423.12	1	3,161.83	1	2,900.55	1	2,639.27	1	2,377.98	1	2,116.70	1	1,855.42	1	1,594.14
1/4	1/4		1/4		3,659.45	1/4	3,417.67	1/4	3,156.39	1/4	2,895.11	1/4	2,633.82	1/4	2,372.54	1/4	1,849.98	1/4	1,588.69
1/2	1/2		1/2		3,657.18	1/2	3,412.23	1/2	3,150.95	1/2	2,889.66	1/2	2,628.38	1/2	2,367.10	1/2	1,844.53	1/2	1,583.25
3/4	3/4		3/4		3,654.91	3/4	3,406.79	3/4	3,145.50	3/4	2,884.22	3/4	2,622.94	3/4	2,361.65	3/4	1,839.09	3/4	1,577.81
2		2		2	3,652.65	2	3,401.34	2	3,140.06	2	2,878.78	2	2,617.49	2	2,356.21	2	2,094.93	2	1,572.36
1/4	1/4		1/4		3,650.38	1/4	3,395.90	1/4	3,134.62	1/4	2,873.33	1/4	2,612.05	1/4	2,350.77	1/4	2,089.48	1/4	1,566.92
1/2	1/2		1/2		3,646.33	1/2	3,390.46	1/2	3,129.17	1/2	2,867.89	1/2	2,606.61	1/2	2,345.32	1/2	2,084.04	1/2	1,561.47
3/4	3/4		3/4		3,642.29	3/4	3,385.01	3/4	3,123.73	3/4	2,862.45	3/4	2,601.16	3/4	2,339.88	3/4	2,078.60	3/4	1,556.03
3		3		3	3,638.24	3	3,379.57	3	3,118.29	3	2,857.00	3	2,595.72	3	2,334.44	3	2,073.15	3	1,550.59
1/4	1/4		1/4		3,634.20	1/4	3,374.13	1/4	3,112.84	1/4	2,851.56	1/4	2,590.28	1/4	2,328.99	1/4	2,067.71	1/4	1,545.14
1/2	1/2		1/2		3,629.03	1/2	3,368.68	1/2	3,107.40	1/2	2,846.12	1/2	2,584.83	1/2	2,323.55	1/2	2,062.27	1/2	1,539.70
3/4	3/4		3/4		3,623.87	3/4	3,363.24	3/4	3,101.96	3/4	2,840.67	3/4	2,579.39	3/4	2,318.11	3/4	2,056.82	3/4	1,534.26
4		4		4	3,618.71	4	3,357.80	4	3,096.51	4	2,835.23	4	2,573.95	4	2,312.66	4	2,051.38	4	1,528.81
1/4	1/4		1/4		3,613.55	1/4	3,352.35	1/4	3,091.07	1/4	2,829.79	1/4	2,568.50	1/4	2,307.22	1/4	2,045.94	1/4	1,523.37
1/2	1/2		1/2		3,608.12	1/2	3,346.91	1/2	3,085.63	1/2	2,824.34	1/2	2,563.06	1/2	2,301.78	1/2	2,040.49	1/2	1,517.93
3/4	3/4		3/4		3,602.70	3/4	3,341.47	3/4	3,080.18	3/4	2,818.90	3/4	2,557.62	3/4	2,296.33	3/4	2,035.05	3/4	1,512.48
5		5		5	3,597.28	5	3,336.02	5	3,074.74	5	2,813.46	5	2,552.17	5	2,290.89	5	2,029.61	5	1,507.04
1/4	1/4		1/4		3,591.85	1/4	3,330.58	1/4	3,069.30	1/4	2,808.01	1/4	2,546.73	1/4	2,285.45	1/4	2,024.16	1/4	1,501.60
1/2	1/2		1/2		3,586.42	1/2	3,325.14	1/2	3,063.85	1/2	2,802.57	1/2	2,541.29	1/2	2,280.00	1/2	2,018.72	1/2	1,496.15
3/4	3/4		3/4		3,580.98	3/4	3,319.69	3/4	3,058.41	3/4	2,797.13	3/4	2,535.84	3/4	2,274.56	3/4	2,013.28	3/4	1,490.71
6		6		6	3,575.54	6	3,314.25	6	3,052.97	6	2,791.68	6	2,530.40	6	2,269.12	6	2,007.83	6	1,485.27
1/4	1/4		1/4		3,570.10	1/4	3,308.81	1/4	3,047.52	1/4	2,786.24	1/4	2,524.96	1/4	2,263.67	1/4	2,002.39	1/4	1,479.82
1/2	1/2		1/2		3,564.65	1/2	3,303.36	1/2	3,042.08	1/2	2,780.80	1/2	2,519.51	1/2	2,258.23	1/2	1,996.95	1/2	1,474.38
3/4	3/4		3/4		3,559.21	3/4	3,297.92	3/4	3,036.64	3/4	2,775.35	3/4	2,514.07	3/4	2,252.79	3/4	1,991.50	3/4	1,468.94
7		7		7	3,553.76	7	3,292.48	7	3,031.19	7	2,769.91	7	2,508.63	7	2,247.34	7	1,986.06	7	1,463.49
1/4	1/4		1/4		3,548.32	1/4	3,287.03	1/4	3,025.75	1/4	2,764.47	1/4	2,503.18	1/4	2,241.90	1/4	1,980.62	1/4	1,458.05
1/2	1/2		1/2		3,542.87	1/2	3,281.59	1/2	3,020.31	1/2	2,759.02	1/2	2,497.74	1/2	2,236.46	1/2	1,975.17	1/2	1,452.61
3/4	3/4		3/4		3,537.43	3/4	3,276.15	3/4	3,014.86	3/4	2,753.58	3/4	2,492.30	3/4	2,231.01	3/4	1,969.73	3/4	1,447.16
8		8		8	3,531.99	8	3,270.70	8	3,009.42	8	2,748.14	8	2,486.85	8	2,225.57	8	1,964.29	8	1,441.72
1/4	1/4		1/4		3,526.54	1/4	3,265.26	1/4	3,003.98	1/4	2,742.69	1/4	2,481.41	1/4	2,220.13	1/4	1,958.84	1/4	1,436.28
1/2	1/2		1/2		3,521.10	1/2	3,259.82	1/2	2,998.53	1/2	2,737.25	1/2	2,475.97	1/2	2,214.68	1/2	1,953.40	1/2	1,430.83
3/4	3/4		3/4		3,515.66	3/4	3,254.37	3/4	2,993.09	3/4	2,731.81	3/4	2,470.52	3/4	2,209.24	3/4	1,947.96	3/4	1,425.39
9		9		9	3,510.21	9	3,248.93	9	2,987.65	9	2,726.36	9	2,465.08	9	2,203.80	9	1,942.51	9	1,419.95
1/4	1/4		1/4		3,504.77	1/4	3,243.49	1/4	2,982.20	1/4	2,720.92	1/4	2,459.64	1/4	2,198.35	1/4	1,937.07	1/4	1,414.50
1/2	1/2		1/2		3,499.33	1/2	3,238.04	1/2	2,976.76	1/2	2,715.48	1/2	2,454.19	1/2	2,192.91	1/2	1,931.63	1/2	1,409.06
3/4	3/4		3/4		3,493.88	3/4	3,232.60	3/4	2,971.32	3/4	2,710.03	3/4	2,448.75	3/4	2,187.47	3/4	1,926.18	3/4	1,403.62
10		10		10	3,488.44	10	3,227.16	10	2,965.87	10	2,704.59	10	2,443.31	10	2,182.02	10	1,920.74	10	1,398.17
1/4	1/4		1/4		3,483.00	1/4	3,221.71	1/4	2,960.43	1/4	2,699.15	1/4	2,437.86	1/4	2,176.58	1/4	1,915.30	1/4	1,392.73
1/2	1/2		1/2		3,477.55	1/2	3,216.27	1/2	2,954.99	1/2	2,693.70	1/2	2,432.42	1/2	2,171.14	1/2	1,909.85	1/2	1,387.29
3/4	3/4		3/4		3,472.11	3/4	3,210.83	3/4	2,949.54	3/4	2,688.26	3/4	2,426.98	3/4	2,165.69	3/4	1,904.41	3/4	1,381.84
11		11		11	3,466.67	11	3,205.38	11	2,944.10	11	2,682.82	11	2,421.53	11	2,160.25	11	1,898.97	11	1,376.40
1/4	1/4		1/4		3,461.22	1/4	3,199.94	1/4	2,938.66	1/4	2,677.37	1/4	2,416.09	1/4	2,154.81	1/4	1,893.52	1/4	1,370.96
1/2	1/2		1/2		3,455.78	1/2	3,194.49	1/2	2,933.21	1/2	2,671.93	1/2	2,410.65	1/2	2,149.36	1/2	1,888.08	1/2	1,365.51
3/4	3/4		3/4		3,450.33	3/4	3,189.05	3/4	2,927.77	3/4	2,666.49	3/4	2,405.20	3/4	2,143.92	3/4	1,882.64	3/4	1,360.07

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" 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  
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# BARGE "IB 1092"

## 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	1,354.63	0	1,093.34	0	832.07	0	571.20	0	309.92	0	49.27	0		0		0		0	
1/4	1,349.18	1/4	1,087.90	1/4	826.63	1/4	565.75	1/4	304.48	1/4	43.92	1/4		1/4		1/4		1/4	
1/2	1,343.74	1/2	1,082.46	1/2	821.20	1/2	560.31	1/2	299.04	1/2	38.99	1/2		1/2		1/2		1/2	
3/4	1,338.30	3/4	1,077.01	3/4	815.77	3/4	554.87	3/4	293.59	3/4	34.06	3/4		3/4		3/4		3/4	
1	1,332.85	1	1,071.57	1	810.33	1	549.43	1	288.15	1	29.13	1		1		1		1	
1/4	1,327.41	1/4	1,066.13	1/4	804.90	1/4	543.98	1/4	282.71	1/4	24.20	1/4		1/4		1/4		1/4	
1/2	1,321.97	1/2	1,060.68	1/2	799.47	1/2	538.54	1/2	277.27	1/2	20.57	1/2		1/2		1/2		1/2	
3/4	1,316.52	3/4	1,055.24	3/4	794.03	3/4	533.10	3/4	271.82	3/4	16.95	3/4		3/4		3/4		3/4	
2	1,311.08	2	1,049.80	2	788.60	2	527.65	2	266.38	2	13.33	2		2		2		2	
1/4	1,305.64	1/4	1,044.35	1/4	783.17	1/4	522.21	1/4	260.94	1/4	9.70	1/4		1/4		1/4		1/4	
1/2	1,300.19	1/2	1,038.91	1/2	777.73	1/2	516.77	1/2	255.49	1/2	7.89	1/2		1/2		1/2		1/2	
3/4	1,294.75	3/4	1,033.47	3/4	772.30	3/4	511.32	3/4	250.05	3/4	6.07	3/4		3/4		3/4		3/4	
3	1,289.30	3	1,028.02	3	766.87	3	505.88	3	244.61	3	4.26	3		3		3		3	
1/4	1,283.86	1/4	1,022.58	1/4	761.43	1/4	500.44	1/4	239.16	1/4	2.44	1/4		1/4		1/4		1/4	
1/2	1,278.42	1/2	1,017.13	1/2	756.00	1/2	494.99	1/2	233.72	1/2		1/2		1/2		1/2		1/2	
3/4	1,272.97	3/4	1,011.69	3/4	750.57	3/4	489.55	3/4	228.28	3/4		3/4		3/4		3/4		3/4	
4	1,267.53	4	1,006.25	4	745.14	4	484.11	4	222.83	4		4		4		4		4	
1/4	1,262.09	1/4	1,000.80	1/4	739.70	1/4	478.66	1/4	217.39	1/4		1/4		1/4		1/4		1/4	
1/2	1,256.64	1/2	995.36	1/2	734.27	1/2	473.22	1/2	211.95	1/2		1/2		1/2		1/2		1/2	
3/4	1,251.20	3/4	989.92	3/4	728.84	3/4	467.78	3/4	206.50	3/4		3/4		3/4		3/4		3/4	
5	1,245.76	5	984.47	5	723.41	5	462.33	5	201.06	5		5		5		5		5	
1/4	1,240.31	1/4	979.03	1/4	717.97	1/4	456.89	1/4	195.62	1/4		1/4		1/4		1/4		1/4	
1/2	1,234.87	1/2	973.59	1/2	712.54	1/2	451.45	1/2	190.17	1/2		1/2		1/2		1/2		1/2	
3/4	1,229.43	3/4	968.14	3/4	707.11	3/4	446.00	3/4	184.73	3/4		3/4		3/4		3/4		3/4	
6	1,223.98	6	962.70	6	701.68	6	440.56	6	179.29	6		6		6		6		6	
1/4	1,218.54	1/4	957.26	1/4	696.24	1/4	435.12	1/4	173.85	1/4		1/4		1/4		1/4		1/4	
1/2	1,213.10	1/2	951.81	1/2	690.81	1/2	429.67	1/2	168.40	1/2		1/2		1/2		1/2		1/2	
3/4	1,207.65	3/4	946.37	3/4	685.38	3/4	424.23	3/4	162.96	3/4		3/4		3/4		3/4		3/4	
7	1,202.21	7	940.93	7	679.95	7	418.79	7	157.52	7		7		7		7		7	
1/4	1,196.77	1/4	935.48	1/4	674.51	1/4	413.35	1/4	152.08	1/4		1/4		1/4		1/4		1/4	
1/2	1,191.32	1/2	930.04	1/2	669.08	1/2	407.90	1/2	146.64	1/2		1/2		1/2		1/2		1/2	
3/4	1,185.88	3/4	924.60	3/4	663.65	3/4	402.46	3/4	141.20	3/4		3/4		3/4		3/4		3/4	
8	1,180.44	8	919.15	8	658.22	8	397.02	8	135.76	8		8		8		8		8	
1/4	1,174.99	1/4	913.71	1/4	652.78	1/4	391.57	1/4	130.32	1/4		1/4		1/4		1/4		1/4	
1/2	1,169.55	1/2	908.27	1/2	647.35	1/2	386.13	1/2	124.88	1/2		1/2		1/2		1/2		1/2	
3/4	1,164.11	3/4	902.82	3/4	641.92	3/4	380.69	3/4	119.45	3/4		3/4		3/4		3/4		3/4	
9	1,158.66	9	897.38	9	636.48	9	375.24	9	114.02	9		9		9		9		9	
1/4	1,153.22	1/4	891.94	1/4	631.05	1/4	369.80	1/4	108.59	1/4		1/4		1/4		1/4		1/4	
1/2	1,147.78	1/2	886.49	1/2	625.61	1/2	364.36	1/2	103.17	1/2		1/2		1/2		1/2		1/2	
3/4	1,142.33	3/4	881.05	3/4	620.18	3/4	358.91	3/4	97.75	3/4		3/4		3/4		3/4		3/4	
10	1,136.89	10	875.61	10	614.74	10	353.47	10	92.33	10		10		10		10		10	
1/4	1,131.45	1/4	870.16	1/4	609.30	1/4	348.03	1/4	86.92	1/4		1/4		1/4		1/4		1/4	
1/2	1,126.00	1/2	864.72	1/2	603.86	1/2	342.58	1/2	81.52	1/2		1/2		1/2		1/2		1/2	
3/4	1,120.56	3/4	859.28	3/4	598.41	3/4	337.14	3/4	76.13	3/4		3/4		3/4		3/4		3/4	
11	1,115.12	11	853.83	11	592.97	11	331.70	11	70.73	11		11		11		11		11	
1/4	1,109.67	1/4	848.39	1/4	587.53	1/4	326.25	1/4	65.34	1/4		1/4		1/4		1/4		1/4	
1/2	1,104.23	1/2	842.95	1/2	582.08	1/2	320.81	1/2	59.98	1/2		1/2		1/2		1/2		1/2	
3/4	1,098.79	3/4	837.51	3/4	576.64	3/4	315.37	3/4	54.63	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CALCULATED: 07/20/2017 CL  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2017

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