



# BARGE "IB 1979"

## ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
1 CENTER	00-0/8	-00-0/8	00-0/8	-00-0/8	00-0/8	-00-0/8	00-1/8	-00-1/8	00-1/8	-00-1/8	00-1/8	-00-1/8
2 CENTER	00-1/8	-00-1/8	00-1/4	-00-1/4	00-3/8	-00-3/8	00-1/2	-00-1/2	00-1/2	-00-1/2	00-3/4	-00-3/4
3 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	00-1/2	-00-1/2

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

$$\begin{aligned} \text{FWD. DRAFT} &= 2.00'' \\ \text{AFT DRAFT} &= 4.00'' \\ \text{DIFF.} &= \frac{4.00''}{2.00''} \text{ (DOWN BY STERN)} \end{aligned}$$

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 ULLAGE IS 3'-1 3/4"

LENGTH BETWEEN DRAFT MARKS: 182'-09"

September 21, 2017

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
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# BARGE "IB 1979"

## 1 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		0		0		0		0		0		0		0		0	
1/4	3,642.00	1/4	3,486.18	1/4	3,330.94	1/4	3,175.71	1/4	3,020.49	1/4	2,865.27	1/4	2,710.05	1/4	2,554.83	1/4	2,400.00	1/4	2,245.18	1/4	2,090.36
1/2	3,641.75	1/2	3,478.46	1/2	3,297.08	1/2	3,111.85	1/2	2,926.63	1/2	2,741.41	1/2	2,556.19	1/2	2,370.97	1/2	2,185.75	1/2	2,000.53	1/2	1,815.31
3/4	3,640.26	3/4	3,474.60	3/4	3,289.37	3/4	3,104.13	3/4	2,918.89	3/4	2,733.65	3/4	2,548.41	3/4	2,363.17	3/4	2,177.93	3/4	2,000.51	3/4	1,815.27
1	3,638.77	1	3,470.74	1	3,285.51	1	3,100.28	1	2,914.84	1	2,729.59	1	2,544.34	1	2,358.90	1	2,173.46	1	2,000.51	1	1,815.27
1/4	3,637.27	1/4	3,466.88	1/4	3,281.65	1/4	3,096.42	1/4	2,911.19	1/4	2,725.96	1/4	2,540.73	1/4	2,355.50	1/4	2,170.27	1/4	2,000.51	1/4	1,815.27
1/2	3,635.78	1/2	3,463.02	1/2	3,277.79	1/2	3,092.56	1/2	2,907.33	1/2	2,721.82	1/2	2,536.59	1/2	2,351.36	1/2	2,165.13	1/2	2,000.51	1/2	1,815.27
3/4	3,634.41	3/4	3,459.16	3/4	3,273.93	3/4	3,088.70	3/4	2,903.47	3/4	2,717.76	3/4	2,532.02	3/4	2,346.78	3/4	2,160.55	3/4	2,000.51	3/4	1,815.27
2	3,633.04	2	3,455.30	2	3,270.07	2	3,084.84	2	2,900.00	2	2,844.74	2	2,888.64	2	2,932.54	2	2,976.44	2	3,020.34	2	3,064.24
1/4	3,631.67	1/4	3,451.44	1/4	3,266.21	1/4	3,080.98	1/4	2,898.98	1/4	2,842.88	1/4	2,886.78	1/4	2,930.68	1/4	2,974.58	1/4	3,018.48	1/4	3,062.38
1/2	3,629.30	1/2	3,447.59	1/2	3,262.35	1/2	3,077.12	1/2	2,895.02	1/2	2,838.92	1/2	2,882.82	1/2	2,926.72	1/2	2,970.62	1/2	3,014.52	1/2	3,058.42
3/4	3,627.92	3/4	3,443.73	3/4	3,258.49	3/4	3,073.26	3/4	2,891.16	3/4	2,835.06	3/4	2,878.96	3/4	2,922.86	3/4	2,966.76	3/4	3,010.66	3/4	3,054.56
3	3,623.74	3	3,439.87	3	3,254.64	3	3,069.40	3	2,887.31	3	2,831.21	3	2,875.11	3	2,919.01	3	2,962.91	3	3,006.81	3	3,050.71
1/4	3,620.46	1/4	3,436.01	1/4	3,250.78	1/4	3,065.54	1/4	2,883.45	1/4	2,827.35	1/4	2,871.25	1/4	2,915.15	1/4	2,959.05	1/4	3,002.95	1/4	3,046.85
1/2	3,617.18	1/2	3,432.15	1/2	3,246.92	1/2	3,061.69	1/2	2,879.59	1/2	2,823.49	1/2	2,867.39	1/2	2,911.29	1/2	2,955.19	1/2	2,999.09	1/2	3,042.99
3/4	3,613.36	3/4	3,428.29	3/4	3,243.06	3/4	3,057.83	3/4	2,875.73	3/4	2,819.63	3/4	2,863.53	3/4	2,907.43	3/4	2,951.33	3/4	2,995.23	3/4	3,039.13
4	3,609.54	4	3,424.43	4	3,239.20	4	3,053.97	4	2,871.89	4	2,815.79	4	2,859.69	4	2,903.59	4	2,947.49	4	2,991.39	4	3,035.29
1/4	3,605.72	1/4	3,420.57	1/4	3,235.34	1/4	3,050.11	1/4	2,868.05	1/4	2,811.95	1/4	2,855.85	1/4	2,899.75	1/4	2,943.65	1/4	2,987.55	1/4	3,031.45
1/2	3,601.90	1/2	3,416.71	1/2	3,231.48	1/2	3,046.25	1/2	2,864.31	1/2	2,808.21	1/2	2,852.11	1/2	2,896.01	1/2	2,939.91	1/2	2,983.81	1/2	3,027.71
3/4	3,598.05	3/4	3,412.85	3/4	3,227.62	3/4	3,042.39	3/4	2,860.45	3/4	2,804.35	3/4	2,848.25	3/4	2,892.15	3/4	2,936.05	3/4	2,979.95	3/4	3,023.85
5	3,594.20	5	3,409.00	5	3,223.76	5	3,038.53	5	2,856.59	5	2,800.49	5	2,844.39	5	2,888.29	5	2,932.19	5	2,976.09	5	3,019.99
1/4	3,590.36	1/4	3,405.14	1/4	3,219.90	1/4	3,034.67	1/4	2,852.73	1/4	2,796.63	1/4	2,840.53	1/4	2,884.43	1/4	2,928.33	1/4	2,972.23	1/4	3,016.13
1/2	3,586.51	1/2	3,401.28	1/2	3,216.05	1/2	3,030.81	1/2	2,848.87	1/2	2,792.77	1/2	2,836.67	1/2	2,880.57	1/2	2,924.47	1/2	2,968.37	1/2	3,012.27
3/4	3,582.65	3/4	3,397.42	3/4	3,212.19	3/4	3,026.95	3/4	2,845.01	3/4	2,788.91	3/4	2,832.81	3/4	2,876.71	3/4	2,920.61	3/4	2,964.51	3/4	3,008.41
6	3,578.79	6	3,393.56	6	3,208.33	6	3,023.10	6	2,841.15	6	2,785.05	6	2,828.95	6	2,872.85	6	2,916.75	6	2,960.65	6	3,004.55
1/4	3,574.93	1/4	3,389.70	1/4	3,204.47	1/4	3,019.24	1/4	2,837.29	1/4	2,781.19	1/4	2,825.09	1/4	2,868.99	1/4	2,912.89	1/4	2,956.79	1/4	3,000.69
1/2	3,571.07	1/2	3,385.84	1/2	3,200.61	1/2	3,015.38	1/2	2,833.43	1/2	2,777.33	1/2	2,821.23	1/2	2,865.13	1/2	2,909.03	1/2	2,952.93	1/2	2,996.83
3/4	3,567.21	3/4	3,381.98	3/4	3,196.75	3/4	3,011.52	3/4	2,829.57	3/4	2,773.47	3/4	2,817.27	3/4	2,861.17	3/4	2,905.07	3/4	2,948.97	3/4	2,992.87
7	3,563.36	7	3,378.12	7	3,192.89	7	3,007.66	7	2,825.71	7	2,769.61	7	2,813.51	7	2,857.41	7	2,901.31	7	2,945.21	7	2,989.11
1/4	3,559.50	1/4	3,374.26	1/4	3,189.03	1/4	3,003.80	1/4	2,821.85	1/4	2,765.75	1/4	2,809.65	1/4	2,853.55	1/4	2,897.45	1/4	2,941.35	1/4	2,985.25
1/2	3,555.64	1/2	3,370.41	1/2	3,185.17	1/2	2,999.94	1/2	2,818.00	1/2	2,761.90	1/2	2,805.80	1/2	2,849.70	1/2	2,893.60	1/2	2,937.50	1/2	2,981.40
3/4	3,551.78	3/4	3,366.55	3/4	3,181.31	3/4	2,996.08	3/4	2,814.14	3/4	2,758.04	3/4	2,801.94	3/4	2,845.84	3/4	2,889.74	3/4	2,933.64	3/4	2,977.54
8	3,547.92	8	3,362.69	8	3,177.46	8	2,992.00	8	2,810.18	8	2,754.08	8	2,797.98	8	2,841.88	8	2,885.78	8	2,929.68	8	2,973.58
1/4	3,544.06	1/4	3,358.83	1/4	3,173.60	1/4	2,988.14	1/4	2,806.32	1/4	2,750.22	1/4	2,794.12	1/4	2,838.02	1/4	2,881.92	1/4	2,925.82	1/4	2,969.72
1/2	3,540.20	1/2	3,354.97	1/2	3,169.74	1/2	2,984.28	1/2	2,802.46	1/2	2,746.36	1/2	2,790.26	1/2	2,834.16	1/2	2,878.06	1/2	2,921.96	1/2	2,965.86
3/4	3,536.34	3/4	3,351.11	3/4	3,165.88	3/4	2,980.42	3/4	2,800.60	3/4	2,742.50	3/4	2,786.40	3/4	2,830.30	3/4	2,874.20	3/4	2,918.10	3/4	2,962.00
9	3,532.48	9	3,347.25	9	3,162.02	9	2,976.56	9	2,796.74	9	2,738.64	9	2,782.54	9	2,826.44	9	2,870.34	9	2,914.24	9	2,958.14
1/4	3,528.62	1/4	3,343.39	1/4	3,158.16	1/4	2,972.70	1/4	2,792.88	1/4	2,734.78	1/4	2,778.68	1/4	2,822.58	1/4	2,866.48	1/4	2,910.38	1/4	2,954.28
1/2	3,524.77	1/2	3,339.53	1/2	3,154.30	1/2	2,968.84	1/2	2,789.02	1/2	2,730.92	1/2	2,774.82	1/2	2,818.72	1/2	2,862.62	1/2	2,906.52	1/2	2,950.42
3/4	3,520.91	3/4	3,335.67	3/4	3,150.44	3/4	2,964.98	3/4	2,785.16	3/4	2,727.06	3/4	2,770.96	3/4	2,814.86	3/4	2,858.76	3/4	2,902.66	3/4	2,946.56
10	3,517.05	10	3,331.82	10	3,146.58	10	2,961.12	10	2,781.30	10	2,723.20	10	2,767.10	10	2,811.00	10	2,854.90	10	2,898.80	10	2,942.70
1/4	3,513.19	1/4	3,327.96	1/4	3,142.72	1/4	2,957.26	1/4	2,777.44	1/4	2,719.34	1/4	2,763.24	1/4	2,807.14	1/4	2,851.04	1/4	2,894.94	1/4	2,938.84
1/2	3,509.33	1/2	3,324.10	1/2	3,138.87	1/2	2,953.40	1/2	2,773.58	1/2	2,715.48	1/2	2,759.38	1/2	2,803.28	1/2	2,847.18	1/2	2,891.08	1/2	2,934.98
3/4	3,505.47	3/4	3,320.24	3/4	3,135.01	3/4	2,949.54	3/4	2,769.72	3/4	2,711.62	3/4	2,755.52	3/4	2,799.42	3/4	2,843.32	3/4	2,887.22	3/4	2,931.12
11	3,501.61	11	3,316.38	11	3,131.15	11	2,945.68	11	2,765.86	11	2,707.76	11	2,751.66	11	2,795.56	11	2,839.46	11	2,883.36	11	2,927.26
1/4	3,497.75	1/4	3,312.52	1/4	3,127.29	1/4	2,941.82	1/4	2,762.00	1/4	2,703.90	1/4	2,747.80	1/4	2,791.70	1/4	2,835.60	1/4	2,879.50	1/4	2,923.40
1/2	3,493.89	1/2	3,308.66	1/2	3,123.43	1/2	2,937.96	1/2	2,758.14	1/2	2,700.04	1/2	2,743.94	1/2	2,787.84	1/2	2,831.74	1/2	2,875.64	1/2	2,919.54
3/4	3,490.03	3/4	3,304.80	3/4	3,119.57	3/4	2,934.10	3/4	2,754.28</												



# BARGE "IB 1979"

1 CENTER  
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS GAUGE HEIGHT 15-03 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N
0	1,462.90	0	1,477.25	0	891.76	0	611.83	0	325.86	0	40.34	0	0	0	0	0	0	0	0
1/4	1,456.96	1/4	1,471.30	1/4	885.96	1/4	605.87	1/4	319.91	1/4	34.89	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,451.01	1/2	1,165.34	1/2	880.16	1/2	599.91	1/2	313.95	1/2	29.03	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,445.07	3/4	1,159.39	3/4	874.36	3/4	593.96	3/4	307.99	3/4	25.12	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,439.13	1	1,153.43	1	868.56	1	588.00	1	302.03	1	21.21	1	1	1	1	1	1	1	1
1/4	1,433.19	1/4	1,147.48	1/4	862.76	1/4	582.04	1/4	296.08	1/4	17.29	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,427.24	1/2	1,141.53	1/2	856.96	1/2	576.08	1/2	290.12	1/2	13.38	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,421.30	3/4	1,135.57	3/4	851.16	3/4	570.13	3/4	284.16	3/4	11.18	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,415.36	1	1,129.62	1	845.36	1	564.17	1	278.20	1	8.99	1	1	1	1	1	1	1	1
1/4	1,409.41	1/4	1,123.66	1/4	839.56	1/4	558.21	1/4	272.24	1/4	6.80	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,403.47	1/2	1,117.71	1/2	833.77	1/2	552.25	1/2	266.29	1/2	4.61	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,397.53	3/4	1,111.75	3/4	827.97	3/4	546.30	3/4	260.33	3/4	3.62	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,391.58	1	1,105.80	1	822.17	1	540.34	1	254.37	1	2.62	1	1	1	1	1	1	1	1
1/4	1,385.64	1/4	1,099.85	1/4	816.37	1/4	534.38	1/4	248.41	1/4	1.63	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,379.70	1/2	1,093.89	1/2	810.57	1/2	528.42	1/2	242.46	1/2	0.63	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,373.74	3/4	1,087.94	3/4	804.77	3/4	522.46	3/4	236.50	3/4	0.63	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,367.79	1	1,081.98	1	798.97	1	516.51	1	230.54	1	0.63	1	1	1	1	1	1	1	1
1/4	1,361.83	1/4	1,076.03	1/4	793.18	1/4	510.55	1/4	224.58	1/4	0.63	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,355.88	1/2	1,070.07	1/2	787.38	1/2	504.59	1/2	218.62	1/2	0.63	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,349.93	3/4	1,064.12	3/4	781.58	3/4	498.63	3/4	212.66	3/4	0.63	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,343.97	1	1,058.17	1	775.78	1	492.68	1	206.70	1	0.63	1	1	1	1	1	1	1	1
1/4	1,338.02	1/4	1,052.21	1/4	769.98	1/4	486.72	1/4	200.73	1/4	0.63	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,332.06	1/2	1,046.26	1/2	764.18	1/2	480.76	1/2	194.77	1/2	0.63	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,326.11	3/4	1,040.30	3/4	758.38	3/4	474.80	3/4	188.80	3/4	0.63	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,320.15	1	1,034.35	1	752.59	1	468.85	1	182.84	1	0.63	1	1	1	1	1	1	1	1
1/4	1,314.20	1/4	1,028.39	1/4	746.79	1/4	462.89	1/4	176.88	1/4	0.63	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,308.25	1/2	1,022.44	1/2	740.99	1/2	456.93	1/2	170.91	1/2	0.63	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,302.29	3/4	1,016.49	3/4	735.19	3/4	450.97	3/4	164.95	3/4	0.63	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,296.34	1	1,010.53	1	729.39	1	445.02	1	158.99	1	0.63	1	1	1	1	1	1	1	1
1/4	1,290.38	1/4	1,004.58	1/4	723.59	1/4	439.06	1/4	153.03	1/4	0.63	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,284.43	1/2	998.62	1/2	717.79	1/2	433.10	1/2	147.07	1/2	0.63	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,278.47	3/4	992.67	3/4	711.99	3/4	427.14	3/4	141.11	3/4	0.63	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,272.52	1	986.71	1	706.20	1	421.19	1	135.14	1	0.63	1	1	1	1	1	1	1	1
1/4	1,266.57	1/4	980.76	1/4	700.40	1/4	415.23	1/4	129.18	1/4	0.63	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,260.61	1/2	974.81	1/2	694.60	1/2	409.27	1/2	123.21	1/2	0.63	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,254.66	3/4	968.85	3/4	688.80	3/4	403.31	3/4	117.25	3/4	0.63	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,248.70	1	962.90	1	683.00	1	397.36	1	111.28	1	0.63	1	1	1	1	1	1	1	1
1/4	1,242.75	1/4	956.94	1/4	677.20	1/4	391.40	1/4	105.31	1/4	0.63	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,236.79	1/2	950.99	1/2	671.40	1/2	385.44	1/2	99.34	1/2	0.63	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,230.84	3/4	945.03	3/4	665.45	3/4	379.48	3/4	93.37	3/4	0.63	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,224.89	1	939.08	1	659.49	1	373.52	1	87.40	1	0.63	1	1	1	1	1	1	1	1
1/4	1,218.93	1/4	933.12	1/4	653.53	1/4	367.57	1/4	81.43	1/4	0.63	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,212.98	1/2	927.17	1/2	647.57	1/2	361.61	1/2	75.47	1/2	0.63	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,207.02	3/4	921.22	3/4	641.62	3/4	355.65	3/4	69.51	3/4	0.63	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,201.07	1	915.26	1	635.66	1	349.69	1	63.56	1	0.63	1	1	1	1	1	1	1	1
1/4	1,195.11	1/4	909.31	1/4	629.70	1/4	343.74	1/4	57.60	1/4	0.63	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,189.16	1/2	903.35	1/2	623.74	1/2	337.78	1/2	51.65	1/2	0.63	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,183.21	3/4	897.35	3/4	617.79	3/4	331.82	3/4	45.99	3/4	0.63	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/21/2017 SW  
CALCULATED: 09/22/2017 CL  
PRINTED: 09/22/2017 SW  
CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/20/17

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



# BARGE "IB 1979"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
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	3,844.60	0	3,604.51	0	3,329.83	0	3,055.15	0	2,780.47	0	2,505.79	0	2,231.11	0	1,956.43	0	1,681.75	0	1,407.07
1/4	3,844.36	1/4	3,598.79	1/4	3,324.11	1/4	3,049.43	1/4	2,774.75	1/4	2,500.07	1/4	2,225.39	1/4	1,950.71	1/4	1,676.03	1/4	1,401.35
1/2	3,842.93	1/2	3,593.06	1/2	3,318.58	1/2	3,043.70	1/2	2,769.82	1/2	2,495.14	1/2	2,220.46	1/2	1,945.78	1/2	1,671.10	1/2	1,396.42
3/4	3,841.50	3/4	3,587.34	3/4	3,312.66	3/4	3,037.98	3/4	2,764.94	3/4	2,490.26	3/4	2,215.58	3/4	1,940.90	3/4	1,666.22	3/4	1,391.54
1	3,840.07	1	3,581.62	1	3,306.94	1	3,032.26	1	2,757.58	1	2,482.90	1	2,208.22	1	1,933.54	1	1,658.86	1	1,384.18
1/4	3,838.64	1/4	3,575.90	1/4	3,301.22	1/4	3,026.54	1/4	2,751.86	1/4	2,477.18	1/4	2,202.50	1/4	1,927.82	1/4	1,653.14	1/4	1,379.46
1/2	3,835.30	1/2	3,570.17	1/2	3,295.49	1/2	3,020.81	1/2	2,746.13	1/2	2,461.45	1/2	2,196.77	1/2	1,922.09	1/2	1,648.41	1/2	1,374.78
3/4	3,831.96	3/4	3,564.45	3/4	3,289.77	3/4	3,015.09	3/4	2,740.41	3/4	2,456.27	3/4	2,191.61	3/4	1,917.05	3/4	1,643.85	3/4	1,370.10
2	3,828.62	2	3,558.73	2	3,284.05	2	3,009.37	2	2,734.99	2	2,450.85	2	2,186.71	2	1,912.41	2	1,639.57	2	1,365.42
1/4	3,825.29	1/4	3,553.01	1/4	3,278.33	1/4	3,003.65	1/4	2,728.97	1/4	2,445.79	1/4	2,181.65	1/4	1,907.41	1/4	1,635.33	1/4	1,361.28
1/2	3,820.12	1/2	3,547.28	1/2	3,272.50	1/2	2,997.92	1/2	2,723.24	1/2	2,440.56	1/2	2,176.42	1/2	1,902.18	1/2	1,630.09	1/2	1,357.04
3/4	3,814.96	3/4	3,541.56	3/4	3,266.88	3/4	2,992.20	3/4	2,717.52	3/4	2,435.84	3/4	2,171.28	3/4	1,896.96	3/4	1,625.85	3/4	1,352.79
3	3,809.79	3	3,535.84	3	3,261.16	3	2,986.48	3	2,711.80	3	2,431.40	3	2,165.84	3	1,891.76	3	1,621.67	3	1,348.54
1/4	3,804.63	1/4	3,530.12	1/4	3,255.44	1/4	2,980.76	1/4	2,706.08	1/4	2,426.22	1/4	2,161.18	1/4	1,887.10	1/4	1,617.49	1/4	1,344.29
1/2	3,798.94	1/2	3,524.39	1/2	3,249.71	1/2	2,975.03	1/2	2,700.35	1/2	2,421.56	1/2	2,156.42	1/2	1,882.82	1/2	1,613.28	1/2	1,340.04
3/4	3,793.25	3/4	3,518.67	3/4	3,243.99	3/4	2,969.31	3/4	2,695.63	3/4	2,417.95	3/4	2,151.70	3/4	1,878.54	3/4	1,609.07	3/4	1,335.79
4	3,787.57	4	3,512.95	4	3,238.27	4	2,963.59	4	2,689.91	4	2,413.23	4	2,147.18	4	1,874.38	4	1,604.87	4	1,331.54
1/4	3,781.88	1/4	3,507.23	1/4	3,232.55	1/4	2,957.87	1/4	2,683.19	1/4	2,408.51	1/4	2,142.52	1/4	1,870.18	1/4	1,600.62	1/4	1,327.29
1/2	3,776.17	1/2	3,501.50	1/2	3,226.82	1/2	2,952.14	1/2	2,677.46	1/2	2,402.78	1/2	2,137.83	1/2	1,865.92	1/2	1,596.46	1/2	1,323.04
3/4	3,770.46	3/4	3,495.78	3/4	3,221.10	3/4	2,946.42	3/4	2,671.74	3/4	2,397.06	3/4	2,132.58	3/4	1,861.66	3/4	1,592.20	3/4	1,318.79
5	3,764.74	5	3,489.06	5	3,215.38	5	2,940.70	5	2,666.02	5	2,391.34	5	2,127.42	5	1,857.30	5	1,587.94	5	1,314.54
1/4	3,759.03	1/4	3,483.34	1/4	3,209.66	1/4	2,934.98	1/4	2,660.30	1/4	2,385.52	1/4	2,122.94	1/4	1,853.06	1/4	1,583.68	1/4	1,310.29
1/2	3,753.30	1/2	3,477.61	1/2	3,203.93	1/2	2,929.25	1/2	2,654.57	1/2	2,379.99	1/2	2,118.18	1/2	1,848.80	1/2	1,579.42	1/2	1,306.04
3/4	3,747.58	3/4	3,471.89	3/4	3,198.21	3/4	2,923.53	3/4	2,648.85	3/4	2,374.74	3/4	2,113.92	3/4	1,844.54	3/4	1,575.17	3/4	1,301.79
6	3,741.85	6	3,467.17	6	3,192.49	6	2,917.31	6	2,643.13	6	2,368.45	6	2,108.10	6	1,840.28	6	1,570.90	6	1,297.54
1/4	3,736.13	1/4	3,461.45	1/4	3,186.77	1/4	2,912.09	1/4	2,637.41	1/4	2,362.73	1/4	2,103.28	1/4	1,835.92	1/4	1,566.62	1/4	1,293.29
1/2	3,730.40	1/2	3,455.72	1/2	3,181.04	1/2	2,906.64	1/2	2,631.68	1/2	2,357.00	1/2	2,098.05	1/2	1,831.66	1/2	1,562.37	1/2	1,289.04
3/4	3,724.68	3/4	3,450.00	3/4	3,175.32	3/4	2,900.64	3/4	2,625.96	3/4	2,351.28	3/4	2,093.82	3/4	1,827.40	3/4	1,558.10	3/4	1,284.79
7	3,718.96	7	3,444.28	7	3,169.60	7	2,894.92	7	2,620.24	7	2,345.56	7	2,088.88	7	1,823.12	7	1,553.84	7	1,280.54
1/4	3,713.24	1/4	3,438.56	1/4	3,163.88	1/4	2,889.20	1/4	2,614.52	1/4	2,339.94	1/4	2,084.16	1/4	1,818.86	1/4	1,549.58	1/4	1,276.29
1/2	3,707.51	1/2	3,432.83	1/2	3,158.15	1/2	2,883.47	1/2	2,608.79	1/2	2,334.11	1/2	2,079.43	1/2	1,814.60	1/2	1,545.32	1/2	1,272.04
3/4	3,701.79	3/4	3,427.11	3/4	3,152.43	3/4	2,877.75	3/4	2,603.07	3/4	2,328.39	3/4	2,074.71	3/4	1,810.34	3/4	1,541.06	3/4	1,267.79
8	3,696.07	8	3,421.39	8	3,146.71	8	2,872.03	8	2,597.35	8	2,322.67	8	2,069.99	8	1,806.08	8	1,536.80	8	1,263.54
1/4	3,690.35	1/4	3,415.67	1/4	3,140.99	1/4	2,866.31	1/4	2,591.63	1/4	2,316.95	1/4	2,064.27	1/4	1,801.82	1/4	1,532.54	1/4	1,263.29
1/2	3,684.62	1/2	3,409.94	1/2	3,135.26	1/2	2,860.58	1/2	2,585.90	1/2	2,311.22	1/2	2,059.54	1/2	1,797.56	1/2	1,528.28	1/2	1,259.04
3/4	3,678.90	3/4	3,404.22	3/4	3,129.54	3/4	2,854.86	3/4	2,580.18	3/4	2,305.50	3/4	2,055.82	3/4	1,793.30	3/4	1,524.02	3/4	1,254.79
9	3,673.18	9	3,398.50	9	3,123.82	9	2,849.14	9	2,574.46	9	2,299.78	9	2,050.10	9	1,789.02	9	1,519.76	9	1,250.54
1/4	3,667.46	1/4	3,392.78	1/4	3,118.10	1/4	2,843.42	1/4	2,568.74	1/4	2,294.06	1/4	2,044.42	1/4	1,784.70	1/4	1,515.50	1/4	1,246.29
1/2	3,661.73	1/2	3,387.05	1/2	3,112.37	1/2	2,837.69	1/2	2,563.01	1/2	2,288.33	1/2	2,039.65	1/2	1,780.44	1/2	1,511.24	1/2	1,242.04
3/4	3,656.01	3/4	3,381.33	3/4	3,106.65	3/4	2,831.97	3/4	2,557.29	3/4	2,282.51	3/4	2,035.93	3/4	1,776.18	3/4	1,507.00	3/4	1,237.79
10	3,650.29	10	3,375.61	10	3,100.93	10	2,826.25	10	2,551.57	10	2,277.17	10	2,030.21	10	1,771.92	10	1,502.74	10	1,233.54
1/4	3,644.57	1/4	3,369.89	1/4	3,095.21	1/4	2,820.53	1/4	2,545.85	1/4	2,271.41	1/4	2,025.49	1/4	1,767.66	1/4	1,498.48	1/4	1,229.29
1/2	3,638.84	1/2	3,364.16	1/2	3,089.48	1/2	2,814.80	1/2	2,540.12	1/2	2,265.64	1/2	2,020.23	1/2	1,763.40	1/2	1,494.22	1/2	1,225.04
3/4	3,633.12	3/4	3,358.44	3/4	3,083.76	3/4	2,809.08	3/4	2,534.36	3/4	2,260.88	3/4	2,015.47	3/4	1,759.14	3/4	1,489.96	3/4	1,220.79
11	3,627.40	11	3,352.72	11	3,078.04	11	2,803.36	11	2,528.68	11	2,255.00	11	2,010.21	11	1,754.88	11	1,485.70	11	1,216.54
1/4	3,621.68	1/4	3,347.00	1/4	3,072.32	1/4	2,797.64	1/4	2,522.96	1/4	2,249.28	1/4	2,005.43	1/4	1,750.60	1/4	1,481.42	1/4	1,212.29
1/2	3,615.95	1/2	3,341.27	1/2	3,066.59	1/2	2,791.91	1/2	2,517.23	1/2	2,244.55	1/2	2,000.15	1/2	1,746.32	1/2	1,477.14	1/2	1,208.04
3/4	3,610.23	3/4	3,335.55	3/4	3,060.87	3/4	2,786.19	3/4	2,511.51	3/4	2,238.83	3/4	1,995.87	3/4	1,742.04	3/4	1,472.88	3/4	1,203.79

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH IAPIS 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'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
http://www.pma.com.net



# BARGE "IB 1979"

## 2 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	1,407.07	0	1,132.39	0	858.21	0	589.75	0	315.08	0	40.62	0	0	0	0	0	0	0	0
1/4	1,401.35	1/4	1,126.67	1/4	852.65	1/4	584.03	1/4	309.35	1/4	34.95	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,395.62	1/2	1,120.94	1/2	847.10	1/2	578.30	1/2	303.53	1/2	30.18	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,389.90	3/4	1,115.22	3/4	841.54	3/4	572.58	3/4	297.91	3/4	25.42	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
1	1,384.18	1	1,109.50	1	835.99	1	566.86	1	292.19	1	20.65	1	0	1	1	1	1	1	1
1 1/4	1,378.46	1 1/4	1,103.78	1 1/4	830.48	1 1/4	561.14	1 1/4	286.47	1 1/4	15.89	1 1/4	0	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	1,372.74	1 1/2	1,098.05	1 1/2	824.88	1 1/2	555.41	1 1/2	280.74	1 1/2	13.02	1 1/2	0	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	1,367.01	3/4	1,092.33	3/4	819.32	3/4	549.69	3/4	275.02	3/4	10.16	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
2	1,361.29	2	1,086.61	2	813.77	2	543.97	2	269.30	2	7.30	2	0	2	2	2	2	2	2
1 1/4	1,355.57	1 1/4	1,080.89	1 1/4	808.21	1 1/4	538.25	1 1/4	263.58	1 1/4	4.44	1 1/4	0	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	1,349.84	1 1/2	1,075.16	1 1/2	802.56	1 1/2	532.52	1 1/2	257.85	1 1/2	3.49	1 1/2	0	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	1,344.12	3/4	1,069.44	3/4	797.10	3/4	526.80	3/4	252.13	3/4	2.53	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
3	1,338.40	3	1,063.72	3	791.55	3	521.08	3	246.41	3	1.58	3	0	3	3	3	3	3	3
1 1/4	1,332.68	1 1/4	1,058.00	1 1/4	786.00	1 1/4	515.36	1 1/4	240.59	1 1/4	0.63	1 1/4	0	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	1,326.95	1 1/2	1,052.27	1 1/2	780.44	1 1/2	509.64	1 1/2	234.96	1 1/2	0	1 1/2	0	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	1,321.23	3/4	1,046.55	3/4	774.89	3/4	503.91	3/4	229.24	3/4	0	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
4	1,315.51	4	1,040.83	4	769.33	4	498.19	4	223.52	4	0	4	0	4	4	4	4	4	4
1 1/4	1,309.79	1 1/4	1,035.11	1 1/4	763.78	1 1/4	492.47	1 1/4	217.80	1 1/4	0	1 1/4	0	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	1,304.06	1 1/2	1,029.38	1 1/2	758.22	1 1/2	486.75	1 1/2	212.08	1 1/2	0	1 1/2	0	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	1,298.34	3/4	1,023.66	3/4	752.67	3/4	481.02	3/4	206.35	3/4	0	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
5	1,292.62	5	1,017.94	5	747.12	5	475.30	5	200.63	5	0	5	0	5	5	5	5	5	5
1 1/4	1,286.90	1 1/4	1,012.22	1 1/4	741.56	1 1/4	469.58	1 1/4	194.91	1 1/4	0	1 1/4	0	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	1,281.17	1 1/2	1,006.49	1 1/2	736.01	1 1/2	463.86	1 1/2	189.19	1 1/2	0	1 1/2	0	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	1,275.45	3/4	1,000.77	3/4	730.45	3/4	458.13	3/4	183.46	3/4	0	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
6	1,269.73	6	995.05	6	724.90	6	452.41	6	177.74	6	0	6	0	6	6	6	6	6	6
1 1/4	1,264.01	1 1/4	989.33	1 1/4	719.34	1 1/4	446.69	1 1/4	172.02	1 1/4	0	1 1/4	0	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	1,258.28	1 1/2	983.60	1 1/2	713.79	1 1/2	440.97	1 1/2	166.30	1 1/2	0	1 1/2	0	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	1,252.56	3/4	977.88	3/4	708.24	3/4	435.25	3/4	160.58	3/4	0	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
7	1,246.84	7	972.16	7	702.68	7	429.52	7	154.86	7	0	7	0	7	7	7	7	7	7
1 1/4	1,241.12	1 1/4	966.44	1 1/4	697.13	1 1/4	423.80	1 1/4	149.13	1 1/4	0	1 1/4	0	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	1,235.39	1 1/2	960.71	1 1/2	691.57	1 1/2	418.08	1 1/2	143.41	1 1/2	0	1 1/2	0	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	1,229.67	3/4	954.99	3/4	686.02	3/4	412.36	3/4	137.69	3/4	0	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
8	1,223.95	8	949.27	8	680.46	8	406.63	8	131.97	8	0	8	0	8	8	8	8	8	8
1 1/4	1,218.23	1 1/4	943.55	1 1/4	674.91	1 1/4	400.91	1 1/4	126.25	1 1/4	0	1 1/4	0	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	1,212.50	1 1/2	937.82	1 1/2	669.36	1 1/2	395.19	1 1/2	120.52	1 1/2	0	1 1/2	0	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	1,206.78	3/4	932.10	3/4	663.80	3/4	389.47	3/4	114.80	3/4	0	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
9	1,201.06	9	926.38	9	658.25	9	383.74	9	109.08	9	0	9	0	9	9	9	9	9	9
1 1/4	1,195.34	1 1/4	920.66	1 1/4	652.69	1 1/4	378.02	1 1/4	103.36	1 1/4	0	1 1/4	0	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	1,189.61	1 1/2	914.93	1 1/2	646.97	1 1/2	372.30	1 1/2	97.64	1 1/2	0	1 1/2	0	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	1,183.89	3/4	909.21	3/4	641.25	3/4	366.58	3/4	91.91	3/4	0	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
10	1,178.17	10	903.49	10	635.53	10	360.86	10	86.19	10	0	10	0	10	10	10	10	10	10
1 1/4	1,172.45	1 1/4	897.77	1 1/4	629.80	1 1/4	355.13	1 1/4	80.47	1 1/4	0	1 1/4	0	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	1,166.72	1 1/2	892.04	1 1/2	624.08	1 1/2	349.41	1 1/2	74.77	1 1/2	0	1 1/2	0	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	1,161.00	3/4	886.32	3/4	618.36	3/4	343.69	3/4	69.06	3/4	0	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
11	1,155.28	11	880.60	11	612.64	11	337.97	11	63.35	11	0	11	0	11	11	11	11	11	11
1 1/4	1,149.56	1 1/4	874.88	1 1/4	606.91	1 1/4	332.24	1 1/4	57.64	1 1/4	0	1 1/4	0	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	1,143.83	1 1/2	869.32	1 1/2	601.19	1 1/2	326.52	1 1/2	51.97	1 1/2	0	1 1/2	0	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	1,138.11	3/4	863.76	3/4	595.47	3/4	320.80	3/4	46.30	3/4	0	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/21/2017 SW  
 CALCULATED: 09/22/2017 CL  
 PRINTED: 09/22/2017 SW  
 CANCELS AND SUPERCENDES  
 ALL PRIOR TO 09/2017

PEARLAND, TEXAS 77588  
 P.O. BOX 2092  
 PRECISION MEASUREMENT & ANALYSIS, INC.  
 http://www.pmaacorp.net





# BARGE "IB 1979"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	3,828.86	1/4	3,590.17	1/4	3,317.06	1/4	3,043.95	1/4	2,770.84	1/4	2,497.73	1/4	2,224.62	1/4	1,951.51	1/4	1,678.40	1/4	1,405.29
1/2	3,828.62	1/2	3,584.48	1/2	3,311.37	1/2	3,038.26	1/2	2,765.15	1/2	2,492.04	1/2	2,217.93	1/2	1,943.82	1/2	1,669.71	1/2	1,395.60
3/4	3,828.38	3/4	3,579.79	3/4	3,305.68	3/4	3,032.57	3/4	2,759.46	3/4	2,485.35	3/4	2,211.24	3/4	1,937.13	3/4	1,663.02	3/4	1,388.91
1	3,824.36	1	3,567.41	1	3,294.50	1	3,021.59	1	2,748.08	1	2,474.97	1	2,201.86	1	1,928.75	1	1,655.64	1	1,382.53
1/4	3,822.93	1/4	3,565.03	1/4	3,288.61	1/4	3,015.50	1/4	2,742.39	1/4	2,469.28	1/4	2,196.17	1/4	1,923.06	1/4	1,649.95	1/4	1,376.84
1/2	3,819.61	1/2	3,556.03	1/2	3,282.92	1/2	3,009.81	1/2	2,736.70	1/2	2,463.59	1/2	2,190.48	1/2	1,917.37	1/2	1,644.26	1/2	1,371.15
3/4	3,816.30	3/4	3,550.34	3/4	3,277.23	3/4	3,004.12	3/4	2,731.01	3/4	2,457.90	3/4	2,184.79	3/4	1,911.68	3/4	1,638.57	3/4	1,366.04
1	3,812.98	1	3,544.65	1	3,271.54	1	2,998.43	1	2,725.32	1	2,452.21	1	2,179.10	1	1,905.99	1	1,632.88	1	1,360.93
1/4	3,809.66	1/4	3,538.96	1/4	3,265.85	1/4	2,992.74	1/4	2,719.63	1/4	2,446.52	1/4	2,173.41	1/4	1,900.30	1/4	1,627.19	1/4	1,355.82
1/2	3,804.52	1/2	3,533.27	1/2	3,260.16	1/2	2,987.05	1/2	2,713.94	1/2	2,440.83	1/2	2,167.72	1/2	1,894.61	1/2	1,621.50	1/2	1,350.71
3/4	3,799.39	3/4	3,527.58	3/4	3,254.47	3/4	2,981.36	3/4	2,708.25	3/4	2,435.14	3/4	2,162.03	3/4	1,888.92	3/4	1,615.81	3/4	1,345.60
1	3,794.25	1	3,521.89	1	3,248.78	1	2,975.67	1	2,702.56	1	2,429.45	1	2,156.34	1	1,883.23	1	1,610.12	1	1,340.49
1/4	3,789.11	1/4	3,516.20	1/4	3,243.09	1/4	2,969.98	1/4	2,696.87	1/4	2,423.76	1/4	2,150.65	1/4	1,877.54	1/4	1,604.43	1/4	1,335.38
1/2	3,783.46	1/2	3,510.51	1/2	3,237.40	1/2	2,964.29	1/2	2,691.18	1/2	2,418.07	1/2	2,144.96	1/2	1,871.85	1/2	1,598.74	1/2	1,330.27
3/4	3,777.81	3/4	3,504.82	3/4	3,231.71	3/4	2,958.60	3/4	2,685.49	3/4	2,412.38	3/4	2,139.27	3/4	1,866.16	3/4	1,593.05	3/4	1,325.16
1	3,772.15	1	3,499.13	1	3,226.02	1	2,952.91	1	2,679.80	1	2,406.69	1	2,133.58	1	1,860.47	1	1,587.36	1	1,320.05
1/4	3,766.50	1/4	3,493.44	1/4	3,220.33	1/4	2,947.22	1/4	2,674.11	1/4	2,401.00	1/4	2,127.89	1/4	1,854.78	1/4	1,581.67	1/4	1,314.94
1/2	3,760.82	1/2	3,487.75	1/2	3,214.64	1/2	2,941.53	1/2	2,668.42	1/2	2,395.31	1/2	2,122.20	1/2	1,849.09	1/2	1,575.98	1/2	1,309.83
3/4	3,755.14	3/4	3,482.06	3/4	3,208.95	3/4	2,935.84	3/4	2,662.73	3/4	2,389.62	3/4	2,116.51	3/4	1,843.40	3/4	1,570.29	3/4	1,304.72
1	3,749.46	1	3,476.37	1	3,203.26	1	2,930.15	1	2,657.04	1	2,383.93	1	2,110.82	1	1,837.71	1	1,564.60	1	1,300.00
1/4	3,743.78	1/4	3,470.68	1/4	3,197.57	1/4	2,924.46	1/4	2,651.35	1/4	2,378.24	1/4	2,105.13	1/4	1,832.02	1/4	1,558.91	1/4	1,295.15
1/2	3,738.09	1/2	3,464.99	1/2	3,191.88	1/2	2,918.77	1/2	2,645.66	1/2	2,372.55	1/2	2,099.44	1/2	1,826.33	1/2	1,553.22	1/2	1,290.04
3/4	3,732.41	3/4	3,459.30	3/4	3,186.19	3/4	2,913.08	3/4	2,639.95	3/4	2,366.86	3/4	2,093.75	3/4	1,820.64	3/4	1,548.11	3/4	1,284.93
1	3,726.72	1	3,453.61	1	3,180.50	1	2,907.39	1	2,633.28	1	2,361.17	1	2,088.06	1	1,814.95	1	1,541.84	1	1,279.82
1/4	3,721.04	1/4	3,447.92	1/4	3,174.81	1/4	2,901.70	1/4	2,628.59	1/4	2,355.48	1/4	2,082.37	1/4	1,809.26	1/4	1,536.15	1/4	1,274.71
1/2	3,715.35	1/2	3,442.23	1/2	3,169.12	1/2	2,896.01	1/2	2,622.90	1/2	2,349.79	1/2	2,076.68	1/2	1,803.57	1/2	1,531.04	1/2	1,269.60
3/4	3,709.66	3/4	3,436.55	3/4	3,163.43	3/4	2,890.32	3/4	2,617.21	3/4	2,344.10	3/4	2,070.99	3/4	1,797.88	3/4	1,525.93	3/4	1,264.49
1	3,703.97	1	3,430.86	1	3,157.74	1	2,884.63	1	2,611.52	1	2,338.41	1	2,065.30	1	1,792.19	1	1,520.82	1	1,259.38
1/4	3,698.28	1/4	3,425.17	1/4	3,152.06	1/4	2,878.94	1/4	2,605.83	1/4	2,332.72	1/4	2,059.61	1/4	1,786.50	1/4	1,515.39	1/4	1,254.27
1/2	3,692.59	1/2	3,419.48	1/2	3,146.37	1/2	2,873.25	1/2	2,600.14	1/2	2,327.03	1/2	2,053.92	1/2	1,780.81	1/2	1,510.20	1/2	1,249.16
3/4	3,686.90	3/4	3,413.79	3/4	3,140.68	3/4	2,867.57	3/4	2,594.45	3/4	2,321.34	3/4	2,048.23	3/4	1,775.12	3/4	1,505.09	3/4	1,244.05
1	3,681.21	1	3,408.10	1	3,134.99	1	2,861.88	1	2,588.76	1	2,315.65	1	2,042.54	1	1,769.43	1	1,499.63	1	1,238.94
1/4	3,675.52	1/4	3,402.41	1/4	3,129.30	1/4	2,856.19	1/4	2,583.08	1/4	2,309.96	1/4	2,036.85	1/4	1,763.74	1/4	1,494.53	1/4	1,233.83
1/2	3,669.83	1/2	3,396.72	1/2	3,123.61	1/2	2,850.50	1/2	2,577.39	1/2	2,304.27	1/2	2,031.16	1/2	1,758.05	1/2	1,489.42	1/2	1,228.72
3/4	3,664.14	3/4	3,391.03	3/4	3,117.92	3/4	2,844.81	3/4	2,571.70	3/4	2,298.58	3/4	2,025.47	3/4	1,752.36	3/4	1,484.31	3/4	1,223.61
1	3,658.45	1	3,385.34	1	3,112.23	1	2,839.12	1	2,566.01	1	2,292.90	1	2,019.78	1	1,746.67	1	1,479.20	1	1,218.50
1/4	3,652.76	1/4	3,379.65	1/4	3,106.54	1/4	2,833.43	1/4	2,561.32	1/4	2,287.21	1/4	2,014.10	1/4	1,740.98	1/4	1,467.87	1/4	1,213.39
1/2	3,647.07	1/2	3,373.96	1/2	3,100.85	1/2	2,827.74	1/2	2,556.63	1/2	2,281.52	1/2	2,008.41	1/2	1,735.29	1/2	1,462.18	1/2	1,208.28
3/4	3,641.38	3/4	3,368.27	3/4	3,095.16	3/4	2,822.05	3/4	2,549.95	3/4	2,275.83	3/4	2,002.72	3/4	1,729.67	3/4	1,457.07	3/4	1,203.17
1	3,635.69	1	3,362.58	1	3,089.47	1	2,817.36	1	2,543.25	1	2,270.15	1	1,997.03	1	1,723.92	1	1,451.96	1	1,198.06
1/4	3,630.00	1/4	3,356.89	1/4	3,083.78	1/4	2,810.67	1/4	2,537.56	1/4	2,264.45	1/4	1,991.34	1/4	1,718.23	1/4	1,446.85	1/4	1,192.95
1/2	3,624.31	1/2	3,351.20	1/2	3,078.09	1/2	2,804.98	1/2	2,531.87	1/2	2,258.76	1/2	1,985.65	1/2	1,712.54	1/2	1,441.74	1/2	1,187.84
3/4	3,618.62	3/4	3,345.51	3/4	3,072.40	3/4	2,799.29	3/4	2,526.18	3/4	2,253.05	3/4	1,979.46	3/4	1,706.85	3/4	1,436.63	3/4	1,182.73
1	3,612.93	1	3,339.82	1	3,066.71	1	2,793.60	1	2,520.49	1	2,247.38	1	1,973.35	1	1,701.16	1	1,431.52	1	1,177.62
1/4	3,607.24	1/4	3,334.13	1/4	3,061.02	1/4	2,787.91	1/4	2,514.80	1/4	2,241.69	1/4	1,967.58	1/4	1,695.47	1/4	1,426.41	1/4	1,172.51
1/2	3,601.55	1/2	3,328.44	1/2	3,055.33	1/2	2,782.22	1/2	2,509.11	1/2	2,235.98	1/2	1,961.89	1/2	1,689.78	1/2	1,421.30	1/2	1,167.40
3/4	3,595.86	3/4	3,322.75	3/4	3,049.64	3/4	2,776.53	3/4	2,503.42	3/4	2,230.31	3/4	1,957.20	3/4	1,684.09	3/4	1,416.19	3/4	1,162.29

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'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.

P.O. Box 2092  
 Pearland, Texas 77588  
 http://www.pmtacorp.net



# BARGE "IB 1979"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	1,405.29	0	1,132.18	0	859.09	0	586.38	0	313.28	0	40.40	0		0		0		0	
1/4	1,399.60	1/4	1,126.49	1/4	853.41	1/4	580.69	1/4	307.59	1/4	34.76	1/4		1/4		1/4		1/4	
1/2	1,393.91	1/2	1,120.80	1/2	847.73	1/2	575.00	1/2	301.90	1/2	30.02	1/2		1/2		1/2		1/2	
3/4	1,388.22	3/4	1,115.11	3/4	842.05	3/4	569.32	3/4	296.21	3/4	25.28	3/4		3/4		3/4		3/4	
1	1,382.53	1	1,109.42	1	836.37	1	563.63	1	290.52	1	20.54	1		1		1		1	
1/4	1,376.84	1/4	1,103.73	1/4	830.69	1/4	557.94	1/4	284.84	1/4	15.80	1/4		1/4		1/4		1/4	
1/2	1,371.15	1/2	1,098.04	1/2	825.01	1/2	552.25	1/2	279.15	1/2	12.96	1/2		1/2		1/2		1/2	
3/4	1,365.46	3/4	1,092.35	3/4	819.33	3/4	546.56	3/4	273.46	3/4	10.11	3/4		3/4		3/4		3/4	
2	1,359.77	2	1,086.66	2	813.65	2	540.87	2	267.77	2	7.27	2		2		2		2	
1/4	1,354.08	1/4	1,080.97	1/4	807.98	1/4	535.18	1/4	262.08	1/4	4.42	1/4		1/4		1/4		1/4	
1/2	1,348.39	1/2	1,075.28	1/2	802.30	1/2	529.49	1/2	256.39	1/2	3.48	1/2		1/2		1/2		1/2	
3/4	1,342.70	3/4	1,069.59	3/4	796.62	3/4	523.80	3/4	250.70	3/4	2.53	3/4		3/4		3/4		3/4	
3	1,337.01	3	1,063.90	3	790.94	3	518.11	3	245.01	3	1.58	3		3		3		3	
1/4	1,331.32	1/4	1,058.21	1/4	785.26	1/4	512.42	1/4	239.32	1/4	0.63	1/4		1/4		1/4		1/4	
1/2	1,325.63	1/2	1,052.52	1/2	779.58	1/2	506.73	1/2	233.63	1/2		1/2		1/2		1/2		1/2	
3/4	1,319.94	3/4	1,046.83	3/4	773.90	3/4	501.04	3/4	227.94	3/4		3/4		3/4		3/4		3/4	
4	1,314.25	4	1,041.14	4	768.22	4	495.35	4	222.25	4		4		4		4		4	
1/4	1,308.56	1/4	1,035.45	1/4	762.55	1/4	489.66	1/4	216.56	1/4		1/4		1/4		1/4		1/4	
1/2	1,302.87	1/2	1,029.76	1/2	756.87	1/2	483.97	1/2	210.87	1/2		1/2		1/2		1/2		1/2	
3/4	1,297.18	3/4	1,024.07	3/4	751.19	3/4	478.28	3/4	205.18	3/4		3/4		3/4		3/4		3/4	
5	1,291.49	5	1,018.38	5	745.51	5	472.59	5	199.49	5		5		5		5		5	
1/4	1,285.80	1/4	1,012.69	1/4	739.83	1/4	466.90	1/4	193.80	1/4		1/4		1/4		1/4		1/4	
1/2	1,280.11	1/2	1,007.00	1/2	734.15	1/2	461.21	1/2	188.11	1/2		1/2		1/2		1/2		1/2	
3/4	1,274.42	3/4	1,001.31	3/4	728.47	3/4	455.52	3/4	182.42	3/4		3/4		3/4		3/4		3/4	
6	1,268.73	6	995.62	6	722.79	6	449.83	6	176.73	6		6		6		6		6	
1/4	1,263.04	1/4	989.93	1/4	717.12	1/4	444.14	1/4	171.04	1/4		1/4		1/4		1/4		1/4	
1/2	1,257.35	1/2	984.24	1/2	711.44	1/2	438.45	1/2	165.36	1/2		1/2		1/2		1/2		1/2	
3/4	1,251.66	3/4	978.55	3/4	705.76	3/4	432.76	3/4	159.67	3/4		3/4		3/4		3/4		3/4	
7	1,245.97	7	972.86	7	700.08	7	427.08	7	153.98	7		7		7		7		7	
1/4	1,240.28	1/4	967.17	1/4	694.40	1/4	421.39	1/4	148.29	1/4		1/4		1/4		1/4		1/4	
1/2	1,234.59	1/2	961.48	1/2	688.72	1/2	415.70	1/2	142.60	1/2		1/2		1/2		1/2		1/2	
3/4	1,228.90	3/4	955.79	3/4	683.04	3/4	410.01	3/4	136.91	3/4		3/4		3/4		3/4		3/4	
8	1,223.21	8	950.10	8	677.36	8	404.32	8	131.22	8		8		8		8		8	
1/4	1,217.52	1/4	944.41	1/4	671.68	1/4	398.63	1/4	125.53	1/4		1/4		1/4		1/4		1/4	
1/2	1,211.83	1/2	938.72	1/2	666.01	1/2	392.94	1/2	119.84	1/2		1/2		1/2		1/2		1/2	
3/4	1,206.14	3/4	933.03	3/4	660.33	3/4	387.25	3/4	114.15	3/4		3/4		3/4		3/4		3/4	
9	1,200.45	9	927.34	9	654.65	9	381.56	9	108.46	9		9		9		9		9	
1/4	1,194.76	1/4	921.65	1/4	648.97	1/4	375.87	1/4	102.77	1/4		1/4		1/4		1/4		1/4	
1/2	1,189.07	1/2	915.96	1/2	643.28	1/2	370.18	1/2	97.09	1/2		1/2		1/2		1/2		1/2	
3/4	1,183.38	3/4	910.27	3/4	637.59	3/4	364.49	3/4	91.40	3/4		3/4		3/4		3/4		3/4	
10	1,177.69	10	904.58	10	631.90	10	358.80	10	85.71	10		10		10		10		10	
1/4	1,172.00	1/4	898.89	1/4	626.21	1/4	353.11	1/4	80.02	1/4		1/4		1/4		1/4		1/4	
1/2	1,166.31	1/2	893.20	1/2	620.52	1/2	347.42	1/2	74.33	1/2		1/2		1/2		1/2		1/2	
3/4	1,160.63	3/4	887.51	3/4	614.83	3/4	341.73	3/4	68.64	3/4		3/4		3/4		3/4		3/4	
11	1,154.94	11	881.82	11	609.14	11	336.04	11	63.00	11		11		11		11		11	
1/4	1,149.25	1/4	876.14	1/4	603.45	1/4	330.35	1/4	57.32	1/4		1/4		1/4		1/4		1/4	
1/2	1,143.56	1/2	870.45	1/2	597.76	1/2	324.66	1/2	51.63	1/2		1/2		1/2		1/2		1/2	
3/4	1,137.87	3/4	864.77	3/4	592.07	3/4	318.97	3/4	46.04	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/21/2017 SW  
 CALCULATED: 09/22/2017 CL  
 PRINTED: 09/22/2017 SW  
 CANCELLED AND SUPERCEDES  
 ALL PRIOR TO 09/20/17

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