

# BARGE "1B 1985"

## INNAGE 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	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 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	- 00-5/8	00-5/8
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	- 00-5/8	00-5/8

(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)

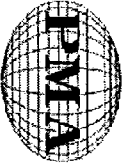
THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 CENTER IS 00-1/4"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 1/4"

LENGTH BETWEEN DRAFT MARKS: 182'-09"

November 4, 2017

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

<http://www.pmacorp.net>



# BARGE "IB 1985"

## 1 CENTER INNAGE 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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	0.63	0	242.29	0	528.07	0	810.03	0	1,093.16	0	1,378.77	0	1,663.96	0	1,949.73	0	2,235.48	0	2,521.23
1/4	1.62	1/4	248.25	1/4	534.02	1/4	816.00	1/4	1,099.11	1/4	1,384.71	1/4	1,670.30	1/4	1,955.88	1/4	2,241.43	1/4	2,527.18
1/2	2.62	1/2	254.20	1/2	539.97	1/2	821.62	1/2	1,105.06	1/2	1,390.65	1/2	1,676.24	1/2	1,961.83	1/2	2,247.39	1/2	2,533.14
3/4	3.61	3/4	260.15	3/4	545.93	3/4	827.41	3/4	1,111.01	3/4	1,396.59	3/4	1,682.18	3/4	1,967.77	3/4	2,253.34	3/4	2,539.09
1	4.61	1	266.11	1	551.88	1	833.20	1	1,116.96	1	1,402.53	1	1,688.12	1	1,973.71	1	2,259.29	1	2,545.04
1/4	6.80	1/4	272.06	1/4	557.83	1/4	839.00	1/4	1,122.91	1/4	1,408.47	1/4	1,693.73	1/4	1,979.49	1/4	2,265.24	1/4	2,551.00
1/2	8.99	1/2	278.01	1/2	563.79	1/2	844.79	1/2	1,128.86	1/2	1,414.41	1/2	1,699.68	1/2	1,985.45	1/2	2,271.20	1/2	2,556.95
3/4	11.18	3/4	283.97	3/4	569.74	3/4	850.59	3/4	1,134.81	3/4	1,420.35	3/4	1,705.64	3/4	1,991.40	3/4	2,277.15	3/4	2,562.90
2	13.37	2	289.92	2	575.70	2	856.58	2	1,140.76	2	1,426.28	2	1,711.59	2	1,997.35	2	2,283.10	2	2,568.86
1/4	17.28	1/4	295.88	1/4	581.65	1/4	862.18	1/4	1,146.71	1/4	1,432.22	1/4	1,717.54	1/4	2,003.31	1/4	2,289.06	1/4	2,574.81
1/2	21.19	1/2	301.83	1/2	587.60	1/2	867.97	1/2	1,152.66	1/2	1,438.16	1/2	1,723.50	1/2	2,009.26	1/2	2,295.01	1/2	2,580.76
3/4	25.10	3/4	307.78	3/4	593.56	3/4	873.77	3/4	1,158.61	3/4	1,444.10	3/4	1,729.45	3/4	2,015.21	3/4	2,300.96	3/4	2,586.72
3	29.01	3	313.74	3	599.51	3	879.57	3	1,164.56	3	1,450.04	3	1,735.40	3	2,021.17	3	2,306.91	3	2,592.67
1/4	34.66	1/4	319.69	1/4	605.46	1/4	885.36	1/4	1,170.51	1/4	1,455.98	1/4	1,741.36	1/4	2,027.12	1/4	2,312.82	1/4	2,598.62
1/2	40.31	1/2	325.64	1/2	611.42	1/2	891.16	1/2	1,176.46	1/2	1,461.92	1/2	1,747.31	1/2	2,033.07	1/2	2,318.82	1/2	2,604.58
3/4	45.96	3/4	331.60	3/4	617.37	3/4	896.95	3/4	1,182.41	3/4	1,467.86	3/4	1,753.26	3/4	2,039.03	3/4	2,324.77	3/4	2,610.53
4	51.61	4	337.55	4	623.32	4	902.75	4	1,188.36	4	1,473.80	4	1,759.22	4	2,044.98	4	2,330.72	4	2,616.48
1/4	57.56	1/4	343.51	1/4	629.28	1/4	908.70	1/4	1,194.31	1/4	1,479.74	1/4	1,765.17	1/4	2,050.93	1/4	2,336.68	1/4	2,622.44
1/2	63.51	1/2	349.46	1/2	635.23	1/2	914.65	1/2	1,200.26	1/2	1,485.68	1/2	1,771.12	1/2	2,056.89	1/2	2,342.63	1/2	2,628.39
3/4	69.46	3/4	355.41	3/4	641.19	3/4	920.60	3/4	1,206.21	3/4	1,491.61	3/4	1,777.08	3/4	2,062.84	3/4	2,348.58	3/4	2,634.34
5	75.41	5	361.37	5	647.14	5	926.55	5	1,212.16	5	1,497.55	5	1,783.03	5	2,068.79	5	2,354.53	5	2,640.30
1/4	81.38	1/4	367.32	1/4	653.09	1/4	932.50	1/4	1,218.11	1/4	1,503.49	1/4	1,788.98	1/4	2,074.75	1/4	2,360.49	1/4	2,646.25
1/2	87.34	1/2	373.27	1/2	659.05	1/2	938.45	1/2	1,224.06	1/2	1,509.43	1/2	1,794.94	1/2	2,080.70	1/2	2,366.44	1/2	2,652.20
3/4	93.27	3/4	379.23	3/4	665.00	3/4	944.40	3/4	1,230.01	3/4	1,515.37	3/4	1,800.89	3/4	2,086.65	3/4	2,372.39	3/4	2,658.16
6	99.27	6	385.18	6	670.95	6	950.35	6	1,235.96	6	1,521.31	6	1,806.84	6	2,092.61	6	2,378.35	6	2,664.11
1/4	105.23	1/4	391.13	1/4	676.75	1/4	956.30	1/4	1,241.91	1/4	1,527.25	1/4	1,812.80	1/4	2,098.56	1/4	2,384.30	1/4	2,670.06
1/2	111.20	1/2	397.09	1/2	682.54	1/2	962.25	1/2	1,247.86	1/2	1,533.19	1/2	1,818.75	1/2	2,104.51	1/2	2,390.26	1/2	2,676.02
3/4	117.17	3/4	403.04	3/4	688.34	3/4	968.20	3/4	1,253.82	3/4	1,539.13	3/4	1,824.70	3/4	2,110.47	3/4	2,396.21	3/4	2,681.97
7	123.13	7	408.99	7	694.13	7	974.15	7	1,259.77	7	1,545.07	7	1,830.66	7	2,116.42	7	2,402.16	7	2,687.93
1/4	129.09	1/4	414.95	1/4	699.93	1/4	980.10	1/4	1,265.72	1/4	1,551.01	1/4	1,836.61	1/4	2,122.37	1/4	2,408.12	1/4	2,693.88
1/2	135.05	1/2	420.90	1/2	705.72	1/2	986.05	1/2	1,271.67	1/2	1,556.94	1/2	1,842.56	1/2	2,128.33	1/2	2,414.07	1/2	2,699.83
3/4	141.01	3/4	426.86	3/4	711.52	3/4	992.00	3/4	1,277.62	3/4	1,562.88	3/4	1,848.52	3/4	2,134.28	3/4	2,420.02	3/4	2,705.79
8	146.97	8	432.81	8	717.31	8	997.95	8	1,283.57	8	1,568.82	8	1,854.47	8	2,140.23	8	2,425.98	8	2,711.74
1/4	152.93	1/4	438.76	1/4	723.11	1/4	1,003.80	1/4	1,289.52	1/4	1,574.76	1/4	1,860.42	1/4	2,146.19	1/4	2,431.93	1/4	2,717.69
1/2	158.88	1/2	444.72	1/2	728.90	1/2	1,009.85	1/2	1,295.47	1/2	1,580.70	1/2	1,866.38	1/2	2,152.14	1/2	2,437.88	1/2	2,723.65
3/4	164.84	3/4	450.67	3/4	734.69	3/4	1,015.80	3/4	1,301.42	3/4	1,586.64	3/4	1,872.33	3/4	2,158.09	3/4	2,443.84	3/4	2,729.60
9	170.80	9	456.62	9	740.49	9	1,021.75	9	1,307.37	9	1,592.58	9	1,878.29	9	2,164.05	9	2,449.79	9	2,735.55
1/4	176.76	1/4	462.58	1/4	746.28	1/4	1,027.70	1/4	1,313.32	1/4	1,598.52	1/4	1,884.24	1/4	2,170.00	1/4	2,455.74	1/4	2,741.51
1/2	182.72	1/2	468.53	1/2	752.08	1/2	1,033.65	1/2	1,319.27	1/2	1,604.46	1/2	1,890.19	1/2	2,175.95	1/2	2,461.70	1/2	2,747.46
3/4	188.68	3/4	474.48	3/4	757.87	3/4	1,039.60	3/4	1,325.22	3/4	1,610.40	3/4	1,896.15	3/4	2,181.91	3/4	2,467.65	3/4	2,753.41
10	194.64	10	480.44	10	763.67	10	1,045.55	10	1,331.17	10	1,616.34	10	1,902.10	10	2,187.86	10	2,473.60	10	2,759.37
1/4	200.60	1/4	486.39	1/4	769.46	1/4	1,051.51	1/4	1,337.12	1/4	1,622.29	1/4	1,908.05	1/4	2,193.81	1/4	2,479.56	1/4	2,765.32
1/2	206.56	1/2	492.35	1/2	775.26	1/2	1,057.46	1/2	1,343.07	1/2	1,628.24	1/2	1,914.01	1/2	2,199.76	1/2	2,485.51	1/2	2,771.27
3/4	212.52	3/4	498.30	3/4	781.05	3/4	1,063.41	3/4	1,349.02	3/4	1,634.20	3/4	1,919.96	3/4	2,205.72	3/4	2,491.47	3/4	2,777.23
11	218.48	11	504.25	11	786.85	11	1,069.36	11	1,354.97	11	1,640.15	11	1,925.91	11	2,211.67	11	2,497.42	11	2,783.18
1/4	224.43	1/4	510.21	1/4	792.64	1/4	1,075.31	1/4	1,360.92	1/4	1,646.10	1/4	1,931.87	1/4	2,217.62	1/4	2,503.37	1/4	2,789.14
1/2	230.38	1/2	516.16	1/2	798.44	1/2	1,081.26	1/2	1,366.87	1/2	1,652.06	1/2	1,937.82	1/2	2,223.58	1/2	2,509.32	1/2	2,795.11
3/4	236.34	3/4	522.11	3/4	804.23	3/4	1,087.21	3/4	1,372.82	3/4	1,658.01	3/4	1,943.77	3/4	2,229.53	3/4	2,515.28	3/4	2,801.07

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MEMS CHAPTER 2.7  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE  
GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "IB 1985"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03 1/2"

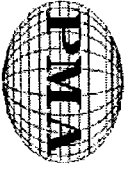
10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	2,807.04	0	3,059.63	0	3,244.74	0	3,429.85	0	3,614.76	0	3,799.87	0	3,984.98	0	4,170.09	0	4,355.20	0	4,540.31
1/4	2,813.01	1/4	3,063.49	1/4	3,248.60	1/4	3,433.70	1/4	3,618.03	1/4	3,802.71	1/4	3,987.44	1/4	4,172.17	1/4	4,356.90	1/4	4,541.63
1/2	2,818.97	1/2	3,067.34	1/2	3,252.45	1/2	3,437.56	1/2	3,621.31	1/2	3,805.82	1/2	3,990.33	1/2	4,174.84	1/2	4,359.35	1/2	4,544.15
3/4	2,824.94	3/4	3,071.20	3/4	3,256.31	3/4	3,441.42	3/4	3,624.58	3/4	3,808.44	3/4	3,993.16	3/4	4,178.95	3/4	4,363.03	3/4	4,548.93
1	2,830.90	1	3,075.06	1	3,260.16	1	3,445.27	1	3,627.86	1	3,812.65	1	3,997.54	1	4,183.53	1	4,367.71	1	4,553.10
1/4	2,836.87	1/4	3,078.91	1/4	3,264.02	1/4	3,449.13	1/4	3,631.97	1/4	3,816.56	1/4	3,999.80	1/4	4,187.23	1/4	4,371.41	1/4	4,557.28
1/2	2,842.83	1/2	3,082.77	1/2	3,267.88	1/2	3,452.98	1/2	3,635.97	1/2	3,819.82	1/2	3,999.80	1/2	4,190.70	1/2	4,375.29	1/2	4,561.45
3/4	2,848.80	3/4	3,086.63	3/4	3,271.73	3/4	3,456.84	3/4	3,639.34	3/4	3,822.71	3/4	3,999.80	3/4	4,194.58	3/4	4,379.17	3/4	4,565.61
2	2,854.76	2	3,090.48	2	3,275.59	2	3,460.70	2	3,633.34	2	3,826.58	2	4,002.46	2	4,198.46	2	4,383.06	2	4,569.77
1/4	2,860.73	1/4	3,094.34	1/4	3,279.45	1/4	3,464.55	1/4	3,637.33	1/4	3,829.47	1/4	4,006.35	1/4	4,202.35	1/4	4,386.93	1/4	4,573.88
1/2	2,866.69	1/2	3,098.20	1/2	3,283.30	1/2	3,468.41	1/2	3,640.33	1/2	3,833.33	1/2	4,009.24	1/2	4,206.24	1/2	4,390.82	1/2	4,577.99
3/4	2,872.66	3/4	3,102.05	3/4	3,287.16	3/4	3,472.27	3/4	3,643.27	3/4	3,836.27	3/4	4,012.14	3/4	4,209.14	3/4	4,393.71	3/4	4,581.84
3	2,878.62	3	3,105.91	3	3,291.02	3	3,476.12	3	3,646.12	3	3,839.12	3	4,015.03	3	4,212.03	3	4,396.58	3	4,585.71
1/4	2,884.59	1/4	3,109.77	1/4	3,294.87	1/4	3,479.98	1/4	3,649.03	1/4	3,842.03	1/4	4,017.92	1/4	4,214.92	1/4	4,399.46	1/4	4,589.58
1/2	2,890.55	1/2	3,113.62	1/2	3,298.73	1/2	3,483.84	1/2	3,651.97	1/2	3,844.97	1/2	4,020.81	1/2	4,217.81	1/2	4,402.34	1/2	4,593.45
3/4	2,896.52	3/4	3,117.48	3/4	3,302.59	3/4	3,487.69	3/4	3,654.84	3/4	3,847.84	3/4	4,023.70	3/4	4,220.70	3/4	4,405.21	3/4	4,597.32
4	2,902.48	4	3,121.33	4	3,306.44	4	3,491.55	4	3,657.71	4	3,850.61	4	4,026.58	4	4,223.58	4	4,408.08	4	4,601.19
1/4	2,908.45	1/4	3,125.19	1/4	3,310.30	1/4	3,495.41	1/4	3,660.58	1/4	3,853.47	1/4	4,029.46	1/4	4,226.46	1/4	4,410.94	1/4	4,605.05
1/2	2,914.42	1/2	3,129.05	1/2	3,314.15	1/2	3,499.26	1/2	3,663.45	1/2	3,856.34	1/2	4,032.34	1/2	4,229.34	1/2	4,413.81	1/2	4,608.92
3/4	2,920.38	3/4	3,132.90	3/4	3,318.01	3/4	3,503.12	3/4	3,666.32	3/4	3,859.22	3/4	4,035.22	3/4	4,232.22	3/4	4,416.67	3/4	4,612.79
5	2,926.35	5	3,136.76	5	3,321.87	5	3,506.97	5	3,669.19	5	3,862.11	5	4,038.11	5	4,235.11	5	4,419.53	5	4,616.66
1/4	2,932.31	1/4	3,140.62	1/4	3,325.72	1/4	3,510.83	1/4	3,671.06	1/4	3,865.00	1/4	4,040.99	1/4	4,238.00	1/4	4,422.39	1/4	4,620.52
1/2	2,938.28	1/2	3,144.47	1/2	3,329.58	1/2	3,514.69	1/2	3,673.93	1/2	3,867.87	1/2	4,043.87	1/2	4,240.87	1/2	4,425.25	1/2	4,624.39
3/4	2,944.24	3/4	3,148.33	3/4	3,333.44	3/4	3,518.54	3/4	3,676.80	3/4	3,870.74	3/4	4,046.74	3/4	4,243.74	3/4	4,428.11	3/4	4,628.26
6	2,950.21	6	3,152.19	6	3,337.29	6	3,522.40	6	3,679.67	6	3,873.61	6	4,049.61	6	4,246.61	6	4,430.97	6	4,632.12
1/4	2,956.17	1/4	3,156.04	1/4	3,341.15	1/4	3,526.26	1/4	3,682.54	1/4	3,876.49	1/4	4,052.49	1/4	4,249.49	1/4	4,433.83	1/4	4,635.99
1/2	2,962.14	1/2	3,159.90	1/2	3,345.01	1/2	3,530.11	1/2	3,685.47	1/2	3,879.37	1/2	4,055.37	1/2	4,252.37	1/2	4,436.69	1/2	4,639.86
3/4	2,968.10	3/4	3,163.75	3/4	3,348.86	3/4	3,533.97	3/4	3,688.34	3/4	3,882.24	3/4	4,058.24	3/4	4,255.24	3/4	4,439.54	3/4	4,643.72
7	2,974.07	7	3,167.61	7	3,352.72	7	3,537.83	7	3,691.17	7	3,885.11	7	4,061.11	7	4,258.11	7	4,442.40	7	4,647.59
1/4	2,980.03	1/4	3,171.47	1/4	3,356.57	1/4	3,541.68	1/4	3,694.04	1/4	3,888.00	1/4	4,063.99	1/4	4,260.99	1/4	4,445.26	1/4	4,651.45
1/2	2,986.00	1/2	3,175.32	1/2	3,360.43	1/2	3,545.54	1/2	3,696.91	1/2	3,890.87	1/2	4,066.87	1/2	4,263.87	1/2	4,448.11	1/2	4,655.32
3/4	2,991.96	3/4	3,179.18	3/4	3,364.29	3/4	3,549.39	3/4	3,699.78	3/4	3,893.74	3/4	4,069.74	3/4	4,266.74	3/4	4,450.97	3/4	4,659.19
8	2,997.93	8	3,183.04	8	3,368.14	8	3,553.25	8	3,702.71	8	3,896.61	8	4,072.61	8	4,269.61	8	4,453.83	8	4,663.06
1/4	3,001.79	1/4	3,186.89	1/4	3,372.00	1/4	3,557.11	1/4	3,705.58	1/4	3,899.49	1/4	4,075.49	1/4	4,272.49	1/4	4,456.69	1/4	4,666.92
1/2	3,005.64	1/2	3,190.75	1/2	3,375.86	1/2	3,560.96	1/2	3,708.45	1/2	3,902.37	1/2	4,078.37	1/2	4,275.37	1/2	4,459.54	1/2	4,670.79
3/4	3,009.50	3/4	3,194.61	3/4	3,379.71	3/4	3,564.82	3/4	3,711.34	3/4	3,905.28	3/4	4,081.28	3/4	4,278.28	3/4	4,462.40	3/4	4,674.64
9	3,013.36	9	3,198.46	9	3,383.57	9	3,568.68	9	3,714.21	9	3,908.15	9	4,084.15	9	4,281.15	9	4,465.26	9	4,678.49
1/4	3,017.21	1/4	3,202.32	1/4	3,387.43	1/4	3,572.53	1/4	3,717.08	1/4	3,911.04	1/4	4,087.04	1/4	4,284.04	1/4	4,468.11	1/4	4,682.34
1/2	3,021.07	1/2	3,206.18	1/2	3,391.28	1/2	3,576.39	1/2	3,719.91	1/2	3,913.91	1/2	4,089.91	1/2	4,286.91	1/2	4,470.97	1/2	4,686.19
3/4	3,024.92	3/4	3,210.03	3/4	3,395.14	3/4	3,580.24	3/4	3,722.74	3/4	3,916.74	3/4	4,092.74	3/4	4,289.74	3/4	4,473.83	3/4	4,690.06
10	3,028.78	10	3,213.89	10	3,399.00	10	3,584.10	10	3,725.57	10	3,919.57	10	4,095.57	10	4,292.57	10	4,476.69	10	4,693.90
1/4	3,032.64	1/4	3,217.74	1/4	3,402.85	1/4	3,587.95	1/4	3,728.40	1/4	3,922.40	1/4	4,098.40	1/4	4,295.40	1/4	4,479.54	1/4	4,697.74
1/2	3,036.49	1/2	3,221.60	1/2	3,406.71	1/2	3,591.79	1/2	3,731.23	1/2	3,925.23	1/2	4,101.23	1/2	4,298.23	1/2	4,482.40	1/2	4,701.58
3/4	3,040.35	3/4	3,225.46	3/4	3,410.56	3/4	3,595.64	3/4	3,734.06	3/4	3,928.06	3/4	4,104.06	3/4	4,301.06	3/4	4,485.26	3/4	4,705.44
11	3,044.21	11	3,229.31	11	3,414.42	11	3,599.49	11	3,736.89	11	3,930.89	11	4,106.89	11	4,303.89	11	4,488.11	11	4,709.28
1/4	3,048.06	1/4	3,233.17	1/4	3,418.28	1/4	3,603.30	1/4	3,739.71	1/4	3,933.71	1/4	4,109.71	1/4	4,306.71	1/4	4,490.97	1/4	4,713.12
1/2	3,051.92	1/2	3,237.03	1/2	3,422.13	1/2	3,607.12	1/2	3,742.53	1/2	3,936.53	1/2	4,112.53	1/2	4,309.53	1/2	4,493.83	1/2	4,716.96
3/4	3,055.78	3/4	3,240.88	3/4	3,425.99	3/4	3,610.94	3/4	3,745.34	3/4	3,939.34	3/4	4,115.34	3/4	4,312.34	3/4	4,496.69	3/4	4,720.80

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77568  
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CALCULATED: 11/04/2017 CL  
PRINTED: 11/04/2017 CL  
CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2017



# BARGE "IB 1985"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

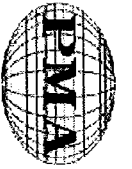
GAUGE HEIGHT 15'-03"

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	0.63	0	241.01	0	516.05	0	787.05	0	1,059.42	0	1,334.47	0	1,609.52	0	1,884.57	0	2,159.62	0	2,434.67
1/2	1.58	1/4	246.74	1/2	521.78	3/4	792.61	1/4	1,065.15	1/2	1,340.20	3/4	1,615.25	1/4	1,890.30	1/2	2,165.35	3/4	2,440.40
1	2.54	1/2	252.47	1	527.51	1/2	798.18	1/2	1,070.88	1	1,345.93	1/2	1,620.98	1/2	1,896.03	1/2	2,171.08	1/2	2,446.13
3/4	3.49	3/4	258.20	3/4	533.24	3/4	803.74	3/4	1,076.61	3/4	1,351.66	3/4	1,626.71	3/4	1,901.76	3/4	2,176.81	3/4	2,451.86
1	4.45	1	263.93	1	538.97	1	809.30	1	1,082.34	1	1,357.39	1	1,632.44	1	1,907.49	1	2,182.54	1	2,457.59
1/4	7.31	1/4	269.66	1/4	544.70	1/4	814.86	1/4	1,088.07	1/4	1,363.12	1/4	1,638.17	1/4	1,913.22	1/4	2,188.27	1/4	2,463.32
1/2	10.18	1/2	275.39	1/2	550.43	1/2	820.42	1/2	1,093.80	1/2	1,368.85	1/2	1,643.90	1/2	1,918.95	1/2	2,193.99	1/2	2,469.05
3/4	13.04	3/4	281.12	3/4	556.16	3/4	826.99	3/4	1,099.53	3/4	1,374.58	3/4	1,649.63	3/4	1,924.68	3/4	2,199.73	3/4	2,474.78
1	15.91	1	286.85	1	561.89	1	831.55	1	1,105.26	1	1,380.31	1	1,655.36	1	1,930.41	1	2,205.46	1	2,480.51
1/4	20.68	1/4	292.58	1/4	567.62	1/4	837.11	1/4	1,110.99	1/4	1,386.04	1/4	1,661.09	1/4	1,936.14	1/4	2,211.19	1/4	2,486.24
1/2	25.45	1/2	298.31	1/2	573.35	1/2	842.67	1/2	1,116.72	1/2	1,391.77	1/2	1,666.82	1/2	1,941.87	1/2	2,216.92	1/2	2,491.97
3/4	30.22	3/4	304.04	3/4	579.08	3/4	848.24	3/4	1,122.45	3/4	1,397.50	3/4	1,672.55	3/4	1,947.60	3/4	2,222.65	3/4	2,497.70
1	35.00	1	309.77	1	584.81	1	853.80	1	1,128.18	1	1,403.23	1	1,678.28	1	1,953.33	1	2,228.38	1	2,503.43
1/4	40.68	1/4	315.50	1/4	590.54	1/4	859.36	1/4	1,133.91	1/4	1,408.96	1/4	1,684.01	1/4	1,959.06	1/4	2,234.11	1/4	2,509.16
1/2	46.36	1/2	321.23	1/2	596.27	1/2	864.93	1/2	1,139.64	1/2	1,414.69	1/2	1,689.74	1/2	1,964.79	1/2	2,239.84	1/2	2,514.89
3/4	52.04	3/4	326.96	3/4	602.00	3/4	870.49	3/4	1,145.37	3/4	1,420.42	3/4	1,695.47	3/4	1,970.52	3/4	2,245.57	3/4	2,520.62
1	57.72	1	332.69	1	607.73	1	876.05	1	1,151.10	1	1,426.15	1	1,701.20	1	1,976.25	1	2,251.30	1	2,526.35
1/4	63.43	1/4	338.42	1/4	613.46	1/4	881.78	1/4	1,156.83	1/4	1,431.88	1/4	1,706.93	1/4	1,981.98	1/4	2,257.03	1/4	2,532.08
1/2	69.15	1/2	344.15	1/2	619.19	1/2	887.51	1/2	1,162.56	1/2	1,437.61	1/2	1,712.66	1/2	1,987.71	1/2	2,262.76	1/2	2,537.81
3/4	74.87	3/4	349.88	3/4	624.92	3/4	893.24	3/4	1,168.29	3/4	1,443.34	3/4	1,718.39	3/4	1,993.44	3/4	2,268.48	3/4	2,543.54
1	80.58	1	355.61	1	630.65	1	898.97	1	1,174.02	1	1,449.07	1	1,724.12	1	1,999.17	1	2,274.22	1	2,549.27
1/4	86.31	1/4	361.34	1/4	636.38	1/4	904.70	1/4	1,179.75	1/4	1,454.80	1/4	1,729.85	1/4	2,004.90	1/4	2,279.95	1/4	2,555.00
1/2	92.04	1/2	367.07	1/2	642.11	1/2	910.43	1/2	1,185.48	1/2	1,460.53	1/2	1,735.58	1/2	2,010.63	1/2	2,285.68	1/2	2,560.73
3/4	97.77	3/4	372.80	3/4	647.84	3/4	916.16	3/4	1,191.21	3/4	1,466.26	3/4	1,741.31	3/4	2,016.33	3/4	2,291.44	3/4	2,566.46
1	103.49	1	378.53	1	653.57	1	921.89	1	1,196.94	1	1,471.99	1	1,747.04	1	2,022.09	1	2,297.14	1	2,572.19
1/4	109.22	1/4	384.26	1/4	659.13	1/4	927.62	1/4	1,202.67	1/4	1,477.72	1/4	1,752.77	1/4	2,027.82	1/4	2,302.87	1/4	2,577.92
1/2	114.95	1/2	389.99	1/2	664.69	1/2	933.35	1/2	1,208.40	1/2	1,483.45	1/2	1,758.50	1/2	2,033.55	1/2	2,308.60	1/2	2,583.65
3/4	120.68	3/4	395.72	3/4	670.26	3/4	939.08	3/4	1,214.13	3/4	1,489.18	3/4	1,764.23	3/4	2,039.28	3/4	2,314.33	3/4	2,589.38
1	126.41	1	401.45	1	675.82	1	944.81	1	1,219.86	1	1,494.91	1	1,769.96	1	2,045.01	1	2,320.06	1	2,595.11
1/4	132.14	1/4	407.18	1/4	681.38	1/4	950.54	1/4	1,225.59	1/4	1,500.64	1/4	1,775.69	1/4	2,050.74	1/4	2,325.79	1/4	2,600.84
1/2	137.87	1/2	412.91	1/2	686.94	1/2	956.28	1/2	1,231.32	1/2	1,506.37	1/2	1,781.42	1/2	2,056.47	1/2	2,331.52	1/2	2,606.57
3/4	143.60	3/4	418.64	3/4	692.50	3/4	962.01	3/4	1,237.05	3/4	1,512.10	3/4	1,787.15	3/4	2,062.20	3/4	2,337.25	3/4	2,612.30
1	149.33	1	424.37	1	698.06	1	967.74	1	1,242.79	1	1,517.83	1	1,792.88	1	2,067.93	1	2,342.98	1	2,618.03
1/4	155.06	1/4	430.10	1/4	703.63	1/4	973.47	1/4	1,248.52	1/4	1,523.56	1/4	1,798.61	1/4	2,073.66	1/4	2,348.71	1/4	2,623.76
1/2	160.79	1/2	435.83	1/2	709.19	1/2	979.20	1/2	1,254.25	1/2	1,529.30	1/2	1,804.34	1/2	2,079.39	1/2	2,354.44	1/2	2,629.49
3/4	166.52	3/4	441.56	3/4	714.75	3/4	984.93	3/4	1,259.98	3/4	1,535.03	3/4	1,810.07	3/4	2,085.12	3/4	2,360.17	3/4	2,635.22
1	172.25	1	447.29	1	720.31	1	990.66	1	1,265.71	1	1,540.76	1	1,815.81	1	2,090.85	1	2,365.90	1	2,640.95
1/4	177.98	1/4	453.02	1/4	725.87	1/4	996.39	1/4	1,271.44	1/4	1,546.49	1/4	1,821.54	1/4	2,096.58	1/4	2,371.63	1/4	2,646.68
1/2	183.71	1/2	458.75	1/2	731.44	1/2	1,002.12	1/2	1,277.17	1/2	1,552.22	1/2	1,827.27	1/2	2,102.32	1/2	2,377.36	1/2	2,652.41
3/4	189.44	3/4	464.48	3/4	737.00	3/4	1,007.85	3/4	1,282.90	3/4	1,557.95	3/4	1,833.03	3/4	2,108.05	3/4	2,383.03	3/4	2,658.14
1	195.17	1	470.21	1	742.56	1	1,013.58	1	1,288.63	1	1,563.68	1	1,838.73	1	2,113.78	1	2,388.83	1	2,663.87
1/4	200.90	1/4	475.94	1/4	748.12	1/4	1,019.31	1/4	1,294.36	1/4	1,569.41	1/4	1,844.46	1/4	2,119.51	1/4	2,394.56	1/4	2,669.60
1/2	206.63	1/2	481.67	1/2	753.68	1/2	1,025.04	1/2	1,300.09	1/2	1,575.14	1/2	1,850.19	1/2	2,125.24	1/2	2,400.29	1/2	2,675.34
3/4	212.36	3/4	487.40	3/4	759.24	3/4	1,030.77	3/4	1,305.82	3/4	1,580.87	3/4	1,855.92	3/4	2,130.97	3/4	2,406.02	3/4	2,681.07
1	218.09	1	493.13	1	764.81	1	1,036.50	1	1,311.55	1	1,586.60	1	1,861.65	1	2,136.70	1	2,411.75	1	2,686.80
1/4	223.82	1/4	498.86	1/4	770.37	1/4	1,042.23	1/4	1,317.28	1/4	1,592.33	1/4	1,867.38	1/4	2,142.43	1/4	2,417.48	1/4	2,692.53
1/2	229.55	1/2	504.59	1/2	775.93	1/2	1,047.96	1/2	1,323.01	1/2	1,598.06	1/2	1,873.11	1/2	2,148.16	1/2	2,423.21	1/2	2,698.26
3/4	235.28	3/4	510.32	3/4	781.49	3/4	1,053.69	3/4	1,328.74	3/4	1,603.79	3/4	1,878.84	3/4	2,153.89	3/4	2,428.94	3/4	2,703.99

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE  
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 3'-06" FORWARD OF AFT BULKHEAD

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

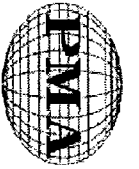


# BARGE "IB 1985"

## 2 CENTER INNAGE TABLE

GAUGE HEIGHT 15'-03"

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS		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	IN	0
0	2,709.72	0	2,984.77	0	3,259.82	0	3,534.87	0	3,809.75	0	4,084.70	0	4,359.65	0	4,634.60	0	4,909.55	0	5,184.50	0	5,459.45
1/4	2,715.45	1/4	2,990.50	1/4	3,265.55	1/4	3,540.60	1/4	3,815.65	1/4	4,090.70	1/4	4,365.75	1/4	4,640.80	1/4	4,915.85	1/4	5,190.90	1/4	5,465.95
1/2	2,721.18	1/2	2,996.23	1/2	3,271.28	1/2	3,546.33	1/2	3,821.06	1/2	4,095.89	1/2	4,370.72	1/2	4,645.55	1/2	4,920.38	1/2	5,195.21	1/2	5,470.04
3/4	2,726.91	3/4	3,001.96	3/4	3,277.01	3/4	3,552.06	3/4	3,827.11	3/4	4,102.16	3/4	4,377.21	3/4	4,652.26	3/4	4,927.31	3/4	5,202.36	3/4	5,477.41
1	2,732.64	1	3,007.69	1	3,282.74	1	3,557.79	1	3,832.84	1	4,107.89	1	4,382.94	1	4,658.00	1	4,933.05	1	5,208.10	1	5,482.95
1/4	2,738.37	1/4	3,013.42	1/4	3,288.47	1/4	3,563.52	1/4	3,838.57	1/4	4,113.62	1/4	4,388.67	1/4	4,663.72	1/4	4,938.77	1/4	5,213.82	1/4	5,488.00
1/2	2,744.10	1/2	3,019.15	1/2	3,294.20	1/2	3,569.25	1/2	3,844.30	1/2	4,119.35	1/2	4,394.40	1/2	4,669.45	1/2	4,944.50	1/2	5,218.85	1/2	5,493.50
3/4	2,749.83	3/4	3,024.88	3/4	3,299.93	3/4	3,574.98	3/4	3,849.45	3/4	4,124.50	3/4	4,400.05	3/4	4,675.10	3/4	4,950.15	3/4	5,223.90	3/4	5,503.50
2	2,755.56	2	3,030.61	2	3,305.66	2	3,580.71	2	3,854.81	2	4,129.85	2	4,405.40	2	4,680.95	2	4,956.50	2	5,232.05	2	5,509.00
1/4	2,761.29	1/4	3,036.34	1/4	3,311.39	1/4	3,586.44	1/4	3,859.96	1/4	4,135.00	1/4	4,410.55	1/4	4,686.10	1/4	4,961.65	1/4	5,237.20	1/4	5,514.50
1/2	2,767.02	1/2	3,042.07	1/2	3,317.12	1/2	3,592.17	1/2	3,865.11	1/2	4,140.65	1/2	4,416.20	1/2	4,691.75	1/2	4,967.30	1/2	5,242.85	1/2	5,519.50
3/4	2,772.75	3/4	3,047.80	3/4	3,322.85	3/4	3,597.90	3/4	3,870.25	3/4	4,146.30	3/4	4,421.85	3/4	4,697.40	3/4	4,972.95	3/4	5,248.50	3/4	5,524.50
3	2,778.48	3	3,053.53	3	3,328.58	3	3,603.63	3	3,875.54	3	4,151.85	3	4,427.40	3	4,703.00	3	4,978.55	3	5,254.10	3	5,530.00
1/4	2,784.21	1/4	3,059.26	1/4	3,334.31	1/4	3,609.36	1/4	3,881.25	1/4	4,157.40	1/4	4,433.00	1/4	4,708.55	1/4	4,984.10	1/4	5,259.70	1/4	5,535.50
1/2	2,789.94	1/2	3,064.99	1/2	3,340.04	1/2	3,615.09	1/2	3,887.10	1/2	4,163.00	1/2	4,438.55	1/2	4,714.10	1/2	4,989.65	1/2	5,265.30	1/2	5,540.75
3/4	2,795.67	3/4	3,070.72	3/4	3,345.77	3/4	3,620.82	3/4	3,893.00	3/4	4,168.60	3/4	4,444.15	3/4	4,720.20	3/4	4,995.25	3/4	5,270.85	3/4	5,546.00
4	2,801.40	4	3,076.45	4	3,351.50	4	3,626.55	4	3,898.75	4	4,174.30	4	4,449.85	4	4,725.80	4	5,000.85	4	5,276.50	4	5,551.25
1/4	2,807.13	1/4	3,082.18	1/4	3,357.23	1/4	3,632.28	1/4	3,904.50	1/4	4,180.00	1/4	4,455.55	1/4	4,731.10	1/4	5,006.40	1/4	5,282.10	1/4	5,556.75
1/2	2,812.86	1/2	3,087.91	1/2	3,362.96	1/2	3,638.01	1/2	3,910.25	1/2	4,185.65	1/2	4,461.20	1/2	4,736.75	1/2	5,012.00	1/2	5,287.75	1/2	5,562.00
3/4	2,818.59	3/4	3,093.64	3/4	3,368.69	3/4	3,643.74	3/4	3,916.00	3/4	4,191.30	3/4	4,466.85	3/4	4,742.30	3/4	5,017.65	3/4	5,293.30	3/4	5,567.25
5	2,824.32	5	3,099.37	5	3,374.42	5	3,649.47	5	3,921.75	5	4,196.95	5	4,472.50	5	4,748.00	5	5,023.30	5	5,298.85	5	5,572.75
1/4	2,830.05	1/4	3,105.10	1/4	3,380.15	1/4	3,655.20	1/4	3,927.50	1/4	4,202.60	1/4	4,478.15	1/4	4,753.60	1/4	5,028.90	1/4	5,304.40	1/4	5,578.00
1/2	2,835.78	1/2	3,110.83	1/2	3,385.88	1/2	3,660.93	1/2	3,933.25	1/2	4,208.25	1/2	4,483.80	1/2	4,759.25	1/2	5,034.50	1/2	5,310.00	1/2	5,583.25
3/4	2,841.51	3/4	3,116.56	3/4	3,391.61	3/4	3,666.66	3/4	3,939.00	3/4	4,213.90	3/4	4,489.45	3/4	4,764.90	3/4	5,040.15	3/4	5,315.50	3/4	5,588.50
6	2,847.24	6	3,122.29	6	3,397.34	6	3,672.39	6	3,944.75	6	4,219.50	6	4,495.05	6	4,770.50	6	5,045.75	6	5,320.75	6	5,593.75
1/4	2,852.97	1/4	3,128.02	1/4	3,403.07	1/4	3,678.12	1/4	3,950.50	1/4	4,225.10	1/4	4,500.65	1/4	4,776.10	1/4	5,051.30	1/4	5,326.25	1/4	5,600.00
1/2	2,858.70	1/2	3,133.75	1/2	3,408.80	1/2	3,683.85	1/2	3,956.25	1/2	4,230.75	1/2	4,506.30	1/2	4,781.75	1/2	5,056.85	1/2	5,331.75	1/2	5,605.25
3/4	2,864.43	3/4	3,139.48	3/4	3,414.53	3/4	3,689.58	3/4	3,962.00	3/4	4,236.40	3/4	4,511.95	3/4	4,787.30	3/4	5,062.40	3/4	5,337.25	3/4	5,610.50
7	2,870.16	7	3,145.21	7	3,420.26	7	3,695.31	7	3,967.75	7	4,242.00	7	4,517.55	7	4,792.80	7	5,068.00	7	5,342.75	7	5,615.75
1/4	2,875.89	1/4	3,150.94	1/4	3,425.99	1/4	3,701.04	1/4	3,973.50	1/4	4,247.65	1/4	4,523.10	1/4	4,798.30	1/4	5,073.50	1/4	5,348.25	1/4	5,621.25
1/2	2,881.62	1/2	3,156.67	1/2	3,431.72	1/2	3,706.77	1/2	3,979.25	1/2	4,253.30	1/2	4,528.75	1/2	4,803.90	1/2	5,079.10	1/2	5,353.75	1/2	5,626.75
3/4	2,887.35	3/4	3,162.40	3/4	3,437.45	3/4	3,712.50	3/4	3,985.00	3/4	4,258.95	3/4	4,534.20	3/4	4,809.45	3/4	5,084.60	3/4	5,359.25	3/4	5,632.25
8	2,893.08	8	3,168.13	8	3,443.18	8	3,718.23	8	3,990.75	8	4,264.60	8	4,539.75	8	4,815.00	8	5,090.25	8	5,364.75	8	5,637.75
1/4	2,898.81	1/4	3,173.86	1/4	3,448.91	1/4	3,723.96	1/4	3,996.50	1/4	4,270.25	1/4	4,545.30	1/4	4,820.55	1/4	5,095.75	1/4	5,370.25	1/4	5,643.25
1/2	2,904.54	1/2	3,179.59	1/2	3,454.64	1/2	3,729.69	1/2	3,999.25	1/2	4,275.90	1/2	4,550.95	1/2	4,826.20	1/2	5,101.00	1/2	5,375.75	1/2	5,648.75
3/4	2,910.27	3/4	3,185.32	3/4	3,460.37	3/4	3,735.42	3/4	4,002.00	3/4	4,281.55	3/4	4,556.60	3/4	4,831.85	3/4	5,106.25	3/4	5,381.25	3/4	5,654.25
9	2,916.00	9	3,191.05	9	3,466.10	9	3,741.15	9	4,007.75	9	4,287.20	9	4,562.25	9	4,837.50	9	5,111.75	9	5,386.75	9	5,659.75
1/4	2,921.73	1/4	3,196.78	1/4	3,471.83	1/4	3,746.89	1/4	4,013.50	1/4	4,292.85	1/4	4,567.90	1/4	4,843.15	1/4	5,117.00	1/4	5,391.75	1/4	5,665.25
1/2	2,927.46	1/2	3,202.51	1/2	3,477.56	1/2	3,752.62	1/2	4,019.25	1/2	4,298.50	1/2	4,573.05	1/2	4,848.30	1/2	5,122.25	1/2	5,396.50	1/2	5,670.75
3/4	2,933.19	3/4	3,208.24	3/4	3,483.29	3/4	3,758.36	3/4	4,025.00	3/4	4,304.15	3/4	4,578.20	3/4	4,853.45	3/4	5,127.50	3/4	5,401.75	3/4	5,676.25
10	2,938.92	10	3,213.97	10	3,489.02	10	3,764.09	10	4,030.75	10	4,309.80	10	4,583.35	10	4,858.60	10	5,132.75	10	5,407.00	10	5,681.75
1/4	2,944.65	1/4	3,219.70	1/4	3,494.75	1/4	3,769.81	1/4	4,036.50	1/4	4,314.95	1/4	4,588.50	1/4	4,863.75	1/4	5,138.00	1/4	5,412.25	1/4	5,687.25
1/2	2,950.38	1/2	3,225.43	1/2	3,500.48	1/2	3,775.53	1/2	4,042.25	1/2	4,320.10	1/2	4,594.05	1/2	4,869.00	1/2	5,143.25	1/2	5,417.50	1/2	5,692.75
3/4	2,956.11	3/4	3,231.16	3/4	3,506.21	3/4	3,781.25	3/4	4,048.00	3/4	4,325.25	3/4	4,600.10	3/4	4,874.15	3/4	5,148.50	3/4	5,422.75	3/4	5,698.00
11	2,961.85	11	3,236.89	11	3,511.94	11	3,786.98	11	4,053.75	11	4,330.40	11	4,605.55	11	4,879.30	11	5,153.75	11	5,428.00	11	5,703.25
1/4	2,967.58	1/4	3,242.62	1/4	3,517.67	1/4	3,792.67	1/4	4,059.50	1/4	4,335.55	1/4	4,610.60	1/4	4,884.45	1/4	5,159.00	1/4	5,433.25	1/4	5,708.50
1/2	2,973.31	1/2	3,248.36	1/2	3,523.40	1/2	3,798.36	1/2	4,065.25	1/2											



# BARGE "IB 1985"

## 3 CENTER INNAGE 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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0.63	0	238.79	0	511.28	0	733.52	0	1,055.86	0	1,328.37	0	1,600.88	0	1,873.38	0	2,145.89	0	2,418.39
1/4	1.57	1/4	244.46	1/4	516.96	1/4	739.19	1/4	1,061.54	1/4	1,334.05	1/4	1,606.55	1/4	1,879.06	1/4	2,151.56	1/4	2,424.07
1/2	2.52	1/2	250.14	1/2	522.64	1/2	754.85	1/2	1,067.22	1/2	1,339.72	1/2	1,612.23	1/2	1,884.74	1/2	2,157.24	1/2	2,429.75
3/4	3.46	3/4	255.82	3/4	528.31	3/4	800.52	3/4	1,072.90	3/4	1,345.40	3/4	1,617.91	3/4	1,890.41	3/4	2,162.92	3/4	2,435.42
1	4.41	1	261.49	1	533.99	1	806.19	1	1,078.57	1	1,351.08	1	1,623.58	1	1,896.09	1	2,168.60	1	2,441.10
1/4	7.25	1/4	267.17	1/4	539.67	1/4	811.85	1/4	1,084.25	1/4	1,356.76	1/4	1,629.26	1/4	1,901.77	1/4	2,174.27	1/4	2,446.78
1/2	10.09	1/2	272.85	1/2	545.34	1/2	817.52	1/2	1,089.93	1/2	1,362.43	1/2	1,634.94	1/2	1,907.44	1/2	2,179.95	1/2	2,452.46
3/4	12.93	3/4	278.52	3/4	551.02	3/4	823.18	3/4	1,095.60	3/4	1,368.11	3/4	1,640.62	3/4	1,913.12	3/4	2,185.63	3/4	2,458.13
1	15.76	1	284.20	1	556.70	1	828.85	1	1,101.28	1	1,373.79	1	1,646.29	1	1,918.80	1	2,191.30	1	2,463.81
1/4	20.49	1/4	289.88	1/4	562.37	1/4	834.52	1/4	1,106.96	1/4	1,379.46	1/4	1,651.97	1/4	1,924.48	1/4	2,196.98	1/4	2,469.49
1/2	25.22	1/2	295.56	1/2	568.05	1/2	840.19	1/2	1,112.31	1/2	1,385.14	1/2	1,657.65	1/2	1,930.15	1/2	2,202.66	1/2	2,475.16
3/4	29.95	3/4	301.23	3/4	573.73	3/4	845.85	3/4	1,118.31	3/4	1,390.82	3/4	1,663.32	3/4	1,935.83	3/4	2,208.34	3/4	2,480.84
1	34.68	1	306.91	1	579.41	1	851.52	1	1,123.99	1	1,396.50	1	1,669.00	1	1,941.51	1	2,214.01	1	2,486.52
1/4	40.31	1/4	312.59	1/4	585.08	1/4	857.19	1/4	1,129.67	1/4	1,402.17	1/4	1,674.68	1/4	1,947.18	1/4	2,219.59	1/4	2,492.20
1/2	45.93	1/2	318.26	1/2	590.76	1/2	862.86	1/2	1,135.35	1/2	1,407.85	1/2	1,680.36	1/2	1,952.86	1/2	2,225.97	1/2	2,497.87
3/4	51.56	3/4	323.94	3/4	596.44	3/4	868.53	3/4	1,141.02	3/4	1,413.53	3/4	1,686.03	3/4	1,958.54	3/4	2,231.04	3/4	2,503.55
1	57.19	1	329.62	1	602.11	1	874.19	1	1,146.70	1	1,419.21	1	1,691.71	1	1,964.22	1	2,236.42	1	2,509.23
1/4	62.85	1/4	335.29	1/4	607.79	1/4	879.87	1/4	1,152.38	1/4	1,424.88	1/4	1,697.39	1/4	1,969.89	1/4	2,242.40	1/4	2,514.90
1/2	68.52	1/2	340.97	1/2	613.47	1/2	885.55	1/2	1,158.05	1/2	1,430.56	1/2	1,703.07	1/2	1,975.57	1/2	2,248.08	1/2	2,520.58
3/4	74.18	3/4	346.65	3/4	619.14	3/4	891.23	3/4	1,163.73	3/4	1,436.24	3/4	1,708.74	3/4	1,981.25	3/4	2,253.75	3/4	2,526.26
1	79.84	1	352.33	1	624.82	1	896.90	1	1,169.41	1	1,441.91	1	1,714.42	1	1,986.93	1	2,259.43	1	2,531.94
1/4	85.52	1/4	358.00	1/4	630.50	1/4	902.58	1/4	1,175.09	1/4	1,447.59	1/4	1,720.10	1/4	1,992.60	1/4	2,265.11	1/4	2,537.61
1/2	91.19	1/2	363.68	1/2	636.18	1/2	908.26	1/2	1,180.76	1/2	1,453.27	1/2	1,725.77	1/2	1,998.28	1/2	2,270.79	1/2	2,543.29
3/4	96.87	3/4	369.36	3/4	641.85	3/4	913.93	3/4	1,186.44	3/4	1,458.96	3/4	1,731.45	3/4	1,998.96	3/4	2,276.46	3/4	2,548.97
1	102.54	1	375.03	1	647.53	1	919.61	1	1,192.12	1	1,464.62	1	1,737.13	1	2,005.63	1	2,282.14	1	2,554.65
1/4	108.22	1/4	380.71	1/4	653.20	1/4	925.29	1/4	1,197.79	1/4	1,470.30	1/4	1,742.81	1/4	2,011.31	1/4	2,287.82	1/4	2,560.32
1/2	113.90	1/2	386.39	1/2	658.86	1/2	930.94	1/2	1,203.47	1/2	1,475.98	1/2	1,748.48	1/2	2,020.99	1/2	2,293.49	1/2	2,566.00
3/4	119.57	3/4	392.06	3/4	664.53	3/4	936.67	3/4	1,209.15	3/4	1,481.65	3/4	1,754.16	3/4	2,026.67	3/4	2,299.17	3/4	2,571.68
1	125.25	1	397.74	1	670.19	1	942.32	1	1,214.83	1	1,487.33	1	1,759.84	1	2,032.34	1	2,304.85	1	2,577.35
1/4	130.93	1/4	403.42	1/4	675.86	1/4	948.00	1/4	1,220.50	1/4	1,493.02	1/4	1,765.51	1/4	2,038.02	1/4	2,310.50	1/4	2,583.03
1/2	136.60	1/2	409.10	1/2	681.53	1/2	953.67	1/2	1,226.18	1/2	1,498.69	1/2	1,771.19	1/2	2,043.70	1/2	2,316.20	1/2	2,588.71
3/4	142.28	3/4	414.77	3/4	687.19	3/4	959.35	3/4	1,231.86	3/4	1,504.36	3/4	1,776.87	3/4	2,049.37	3/4	2,321.88	3/4	2,594.39
1	147.96	1	420.45	1	692.86	1	965.03	1	1,237.53	1	1,510.04	1	1,782.55	1	2,055.05	1	2,327.56	1	2,600.06
1/4	153.63	1/4	426.13	1/4	698.53	1/4	970.71	1/4	1,243.21	1/4	1,515.72	1/4	1,788.22	1/4	2,060.73	1/4	2,333.23	1/4	2,605.74
1/2	159.31	1/2	431.80	1/2	704.19	1/2	976.38	1/2	1,248.89	1/2	1,521.39	1/2	1,793.90	1/2	2,066.41	1/2	2,338.91	1/2	2,611.42
3/4	164.99	3/4	437.48	3/4	709.86	3/4	982.06	3/4	1,254.57	3/4	1,527.07	3/4	1,799.58	3/4	2,072.08	3/4	2,344.59	3/4	2,617.09
1	170.66	1	443.16	1	715.52	1	987.74	1	1,260.24	1	1,532.75	1	1,805.25	1	2,077.76	1	2,350.27	1	2,622.77
1/4	176.34	1/4	448.83	1/4	721.19	1/4	993.42	1/4	1,265.92	1/4	1,538.43	1/4	1,810.93	1/4	2,083.44	1/4	2,355.94	1/4	2,628.45
1/2	182.02	1/2	454.51	1/2	726.86	1/2	999.09	1/2	1,271.60	1/2	1,544.10	1/2	1,816.61	1/2	2,089.11	1/2	2,361.62	1/2	2,634.13
3/4	187.69	3/4	460.19	3/4	732.52	3/4	1,004.77	3/4	1,277.28	3/4	1,549.78	3/4	1,822.29	3/4	2,094.79	3/4	2,367.30	3/4	2,639.80
1	193.37	1	465.87	1	738.19	1	1,010.45	1	1,282.95	1	1,555.46	1	1,827.96	1	2,100.47	1	2,372.97	1	2,645.48
1/4	199.05	1/4	471.54	1/4	743.86	1/4	1,016.12	1/4	1,288.63	1/4	1,561.14	1/4	1,833.64	1/4	2,106.15	1/4	2,378.65	1/4	2,651.16
1/2	204.72	1/2	477.22	1/2	749.52	1/2	1,021.80	1/2	1,294.31	1/2	1,566.81	1/2	1,839.32	1/2	2,111.82	1/2	2,384.33	1/2	2,656.83
3/4	210.40	3/4	482.90	3/4	755.19	3/4	1,027.48	3/4	1,299.98	3/4	1,572.49	3/4	1,845.00	3/4	2,117.50	3/4	2,390.01	3/4	2,662.51
1	216.08	1	488.57	1	760.86	1	1,033.16	1	1,305.66	1	1,578.17	1	1,850.67	1	2,123.18	1	2,395.68	1	2,668.19
1/4	221.75	1/4	494.25	1/4	766.52	1/4	1,038.83	1/4	1,311.34	1/4	1,583.84	1/4	1,856.35	1/4	2,128.86	1/4	2,401.36	1/4	2,673.87
1/2	227.43	1/2	499.93	1/2	772.19	1/2	1,044.51	1/2	1,317.02	1/2	1,589.52	1/2	1,862.03	1/2	2,134.53	1/2	2,407.04	1/2	2,679.54
3/4	233.11	3/4	505.60	3/4	777.85	3/4	1,050.19	3/4	1,322.69	3/4	1,595.20	3/4	1,867.70	3/4	2,140.21	3/4	2,412.72	3/4	2,685.22

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE  
GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT

& ANALYSIS, INC.

P.O. Box 2092

Portland, Texas 77588

http://www.pmao.com



# BARGE "IB 1985"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	2,690.90	0	2,963.40	0	3,235.91	0	3,508.41	0	3,780.73	0	4,053.04	0	4,325.35	0	4,597.66	0	4,870.00	0	5,142.31
1/4	2,696.58	1/4	2,969.08	1/4	3,241.59	1/4	3,514.09	1/4	3,786.86	1/4	4,059.17	1/4	4,331.48	1/4	4,603.79	1/4	4,876.10	1/4	5,148.41
1/2	2,702.25	1/2	2,974.76	1/2	3,247.26	1/2	3,519.77	1/2	3,790.98	1/2	4,062.29	1/2	4,334.60	1/2	4,606.91	1/2	4,879.22	1/2	5,151.08
3/4	2,707.93	3/4	2,980.44	3/4	3,252.94	3/4	3,525.45	3/4	3,796.10	3/4	4,065.50	3/4	4,337.81	3/4	4,609.12	3/4	4,881.43	3/4	5,153.74
1	2,713.61	1	2,986.11	1	3,258.62	1	3,531.12	1	3,801.23	1	4,068.74	1	4,340.05	1	4,612.36	1	4,884.67	1	5,156.45
1/4	2,719.28	1/4	2,991.79	1/4	3,264.30	1/4	3,536.80	1/4	3,804.54	1/4	4,074.35	1/4	4,345.66	1/4	4,617.97	1/4	4,887.34	1/4	5,159.16
1/2	2,724.96	1/2	2,997.47	1/2	3,269.97	1/2	3,542.48	1/2	3,807.85	1/2	4,079.40	1/2	4,350.71	1/2	4,623.02	1/2	4,890.05	1/2	5,161.85
3/4	2,730.64	3/4	3,003.14	3/4	3,275.65	3/4	3,548.16	3/4	3,811.16	3/4	4,084.91	3/4	4,355.82	3/4	4,628.13	3/4	4,895.76	3/4	5,164.54
2	2,736.32	2	3,008.82	2	3,281.33	2	3,553.83	2	3,814.48	2	4,090.62	2	4,361.13	2	4,633.44	2	4,901.04	2	5,167.23
1/4	2,741.99	1/4	3,014.50	1/4	3,287.00	1/4	3,559.51	1/4	3,815.90	1/4	4,096.34	1/4	4,366.84	1/4	4,638.15	1/4	4,906.73	1/4	5,169.92
1/2	2,747.67	1/2	3,020.18	1/2	3,292.68	1/2	3,565.19	1/2	3,817.31	1/2	4,101.97	1/2	4,372.26	1/2	4,643.56	1/2	4,912.42	1/2	5,172.61
3/4	2,753.35	3/4	3,025.85	3/4	3,298.36	3/4	3,570.86	3/4	3,818.73	3/4	4,107.50	3/4	4,377.76	3/4	4,648.87	3/4	4,917.71	3/4	5,175.30
3	2,759.02	3	3,031.53	3	3,304.04	3	3,576.54	3	3,820.15	3	4,113.01	3	4,383.01	3	4,654.32	3	4,923.00	3	5,177.99
1/4	2,764.70	1/4	3,037.21	1/4	3,309.71	1/4	3,582.22	1/4	3,820.39	1/4	4,118.56	1/4	4,388.26	1/4	4,659.57	1/4	4,928.29	1/4	5,180.68
1/2	2,770.38	1/2	3,042.88	1/2	3,315.39	1/2	3,587.90	1/2	3,821.07	1/2	4,124.11	1/2	4,393.71	1/2	4,665.08	1/2	4,933.82	1/2	5,183.37
3/4	2,776.06	3/4	3,048.56	3/4	3,321.07	3/4	3,593.57	3/4	3,821.75	3/4	4,129.66	3/4	4,399.26	3/4	4,670.59	3/4	4,939.31	3/4	5,186.06
4	2,781.73	4	3,054.24	4	3,326.74	4	3,599.25	4	3,822.43	4	4,135.21	4	4,404.81	4	4,676.10	4	4,944.80	4	5,188.75
1/4	2,787.41	1/4	3,059.92	1/4	3,332.42	1/4	3,604.93	1/4	3,823.11	1/4	4,140.76	1/4	4,410.31	1/4	4,681.60	1/4	4,950.29	1/4	5,191.44
1/2	2,793.09	1/2	3,065.59	1/2	3,338.10	1/2	3,610.60	1/2	3,823.79	1/2	4,146.31	1/2	4,415.81	1/2	4,687.10	1/2	4,955.78	1/2	5,194.13
3/4	2,798.76	3/4	3,071.27	3/4	3,343.78	3/4	3,616.28	3/4	3,824.47	3/4	4,151.86	3/4	4,421.31	3/4	4,692.59	3/4	4,961.27	3/4	5,196.82
5	2,804.44	5	3,076.95	5	3,349.45	5	3,621.96	5	3,825.15	5	4,157.41	5	4,426.81	5	4,698.08	5	4,966.76	5	5,199.51
1/4	2,810.12	1/4	3,082.62	1/4	3,355.13	1/4	3,627.64	1/4	3,825.83	1/4	4,162.96	1/4	4,432.31	1/4	4,703.57	1/4	4,972.25	1/4	5,202.20
1/2	2,815.80	1/2	3,088.30	1/2	3,360.81	1/2	3,633.31	1/2	3,826.51	1/2	4,168.51	1/2	4,437.81	1/2	4,709.08	1/2	4,977.74	1/2	5,204.89
3/4	2,821.47	3/4	3,093.98	3/4	3,366.48	3/4	3,638.99	3/4	3,827.19	3/4	4,174.06	3/4	4,443.31	3/4	4,714.57	3/4	4,983.23	3/4	5,207.58
6	2,827.15	6	3,099.66	6	3,372.16	6	3,644.67	6	3,827.87	6	4,179.61	6	4,448.81	6	4,720.08	6	4,988.72	6	5,210.27
1/4	2,832.83	1/4	3,105.33	1/4	3,377.84	1/4	3,650.34	1/4	3,828.55	1/4	4,185.16	1/4	4,454.31	1/4	4,725.57	1/4	4,994.16	1/4	5,212.96
1/2	2,838.51	1/2	3,111.01	1/2	3,383.52	1/2	3,656.02	1/2	3,829.23	1/2	4,190.71	1/2	4,459.81	1/2	4,731.08	1/2	4,999.60	1/2	5,215.65
3/4	2,844.18	3/4	3,116.69	3/4	3,389.19	3/4	3,661.70	3/4	3,829.91	3/4	4,196.26	3/4	4,465.31	3/4	4,736.57	3/4	5,005.04	3/4	5,218.34
7	2,849.86	7	3,122.37	7	3,394.87	7	3,667.38	7	3,830.59	7	4,201.81	7	4,470.81	7	4,742.08	7	5,010.48	7	5,221.03
1/4	2,855.54	1/4	3,128.04	1/4	3,400.55	1/4	3,673.05	1/4	3,831.27	1/4	4,207.36	1/4	4,476.31	1/4	4,747.57	1/4	5,015.92	1/4	5,223.72
1/2	2,861.21	1/2	3,133.72	1/2	3,406.23	1/2	3,678.73	1/2	3,831.95	1/2	4,212.91	1/2	4,481.81	1/2	4,753.08	1/2	5,021.36	1/2	5,226.41
3/4	2,866.89	3/4	3,139.40	3/4	3,411.90	3/4	3,684.41	3/4	3,832.63	3/4	4,218.46	3/4	4,487.31	3/4	4,758.57	3/4	5,026.80	3/4	5,229.10
8	2,872.57	8	3,145.07	8	3,417.58	8	3,690.09	8	3,833.31	8	4,224.01	8	4,492.81	8	4,764.08	8	5,032.24	8	5,231.79
1/4	2,878.25	1/4	3,150.75	1/4	3,423.26	1/4	3,695.76	1/4	3,833.99	1/4	4,229.56	1/4	4,498.31	1/4	4,769.57	1/4	5,037.68	1/4	5,234.48
1/2	2,883.92	1/2	3,156.43	1/2	3,428.93	1/2	3,701.44	1/2	3,834.67	1/2	4,235.11	1/2	4,503.81	1/2	4,775.08	1/2	5,043.12	1/2	5,237.17
3/4	2,889.60	3/4	3,162.11	3/4	3,434.61	3/4	3,707.12	3/4	3,835.35	3/4	4,240.66	3/4	4,509.31	3/4	4,780.57	3/4	5,048.56	3/4	5,239.86
9	2,895.28	9	3,167.78	9	3,440.29	9	3,712.79	9	3,836.03	9	4,246.21	9	4,514.81	9	4,786.08	9	5,054.00	9	5,242.55
1/4	2,900.95	1/4	3,173.46	1/4	3,445.97	1/4	3,718.47	1/4	3,836.71	1/4	4,251.76	1/4	4,520.31	1/4	4,791.57	1/4	5,059.44	1/4	5,245.24
1/2	2,906.63	1/2	3,179.14	1/2	3,451.64	1/2	3,724.15	1/2	3,837.39	1/2	4,257.31	1/2	4,525.81	1/2	4,797.08	1/2	5,064.88	1/2	5,247.93
3/4	2,912.31	3/4	3,184.81	3/4	3,457.32	3/4	3,729.82	3/4	3,838.07	3/4	4,262.86	3/4	4,531.31	3/4	4,802.57	3/4	5,070.32	3/4	5,250.62
10	2,917.99	10	3,190.49	10	3,463.00	10	3,735.50	10	3,838.75	10	4,268.41	10	4,536.81	10	4,808.08	10	5,075.76	10	5,253.31
1/4	2,923.66	1/4	3,196.17	1/4	3,468.67	1/4	3,741.17	1/4	3,839.43	1/4	4,273.96	1/4	4,542.31	1/4	4,813.57	1/4	5,081.20	1/4	5,256.00
1/2	2,929.34	1/2	3,201.85	1/2	3,474.35	1/2	3,746.83	1/2	3,840.11	1/2	4,279.51	1/2	4,547.81	1/2	4,819.08	1/2	5,086.64	1/2	5,258.69
3/4	2,935.02	3/4	3,207.52	3/4	3,480.03	3/4	3,752.50	3/4	3,840.79	3/4	4,285.06	3/4	4,553.31	3/4	4,824.57	3/4	5,092.08	3/4	5,261.38
11	2,940.69	11	3,213.20	11	3,485.71	11	3,758.17	11	3,841.47	11	4,290.61	11	4,558.81	11	4,830.08	11	5,097.52	11	5,264.07
1/4	2,946.37	1/4	3,218.88	1/4	3,491.38	1/4	3,763.81	1/4	3,842.15	1/4	4,296.16	1/4	4,564.31	1/4	4,835.57	1/4	5,102.96	1/4	5,266.76
1/2	2,952.05	1/2	3,224.55	1/2	3,497.06	1/2	3,769.45	1/2	3,842.83	1/2	4,301.71	1/2	4,569.81	1/2	4,841.08	1/2	5,108.40	1/2	5,269.45
3/4	2,957.73	3/4	3,230.23	3/4	3,502.74	3/4	3,775.09	3/4	3,843.51	3/4	4,307.26	3/4	4,575.31	3/4	4,846.57	3/4	5,113.84	3/4	5,272.14

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/02/2017 SW  
CALCULATED: 11/04/2017 CL  
PRINTED: 11/04/2017 CL  
CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2017

PRECISION MEASUREMENT  
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