



BARGE "CBC 369"

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 PORT	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8
1 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8
2 PORT	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
2 STBD	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
3 PORT	- 00-5/8	00-5/8	- 01-1/8	01-1/8	- 01-3/4	01-3/4	- 02-1/4	02-1/4	- 02-7/8	02-7/8	- 03-3/8	03-3/8
3 STBD	- 00-1/2	00-1/2	- 01-1/8	01-1/8	- 01-3/4	01-3/4	- 02-1/4	02-1/4	- 02-3/4	02-3/4	- 03-3/8	03-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 6'-00"
 DIFF. = 4'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 253'-03"

October 12, 2012

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

<http://www.pmacorp.net>



BARGE "CBC 369"

1 PORT
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 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	21.40	0	359.38	0	722.24	0	1,084.88	0	1,447.51	0	1,810.39	0	2,173.27	0	2,536.15	0	2,898.94	0	3,261.69
1/4	25.66	1/4	366.94	1/4	729.80	1/4	1,092.43	1/4	1,455.07	1/4	1,817.95	1/4	2,180.83	1/4	2,543.71	1/4	2,906.50	1/4	3,269.24
1/2	29.91	1/2	374.50	1/2	737.36	1/2	1,099.98	1/2	1,462.63	1/2	1,825.51	1/2	2,188.39	1/2	2,551.27	1/2	2,914.05	1/2	3,276.80
3/4	34.16	3/4	382.06	3/4	744.92	3/4	1,107.52	3/4	1,470.19	3/4	1,833.07	3/4	2,195.95	3/4	2,558.83	3/4	2,921.61	3/4	3,284.36
1	38.41	1	389.62	1	752.48	1	1,115.07	1	1,477.75	1	1,840.63	1	2,203.51	1	2,566.39	1	2,929.17	1	3,291.91
1/4	43.92	1/4	397.18	1/4	760.04	1/4	1,122.62	1/4	1,485.31	1/4	1,848.19	1/4	2,211.07	1/4	2,573.95	1/4	2,936.73	1/4	3,299.47
1/2	49.43	1/2	404.74	1/2	767.60	1/2	1,130.17	1/2	1,492.87	1/2	1,855.75	1/2	2,218.63	1/2	2,581.51	1/2	2,944.28	1/2	3,307.03
3/4	54.94	3/4	412.30	3/4	775.16	3/4	1,137.71	3/4	1,500.43	3/4	1,863.31	3/4	2,226.19	3/4	2,589.07	3/4	2,951.84	3/4	3,314.59
2	60.46	2	419.86	2	782.72	2	1,145.26	2	1,507.99	2	1,870.87	2	2,233.75	2	2,596.63	2	2,959.40	2	3,322.14
1/4	67.23	1/4	427.41	1/4	790.28	1/4	1,152.81	1/4	1,515.55	1/4	1,878.43	1/4	2,241.31	1/4	2,604.19	1/4	2,966.95	1/4	3,329.70
1/2	74.00	1/2	434.97	1/2	797.84	1/2	1,160.36	1/2	1,523.11	1/2	1,885.99	1/2	2,248.87	1/2	2,611.76	1/2	2,974.61	1/2	3,337.26
3/4	80.77	3/4	442.53	3/4	805.40	3/4	1,167.90	3/4	1,530.67	3/4	1,893.55	3/4	2,256.43	3/4	2,619.31	3/4	2,982.07	3/4	3,344.81
3	87.54	3	450.09	3	812.96	3	1,175.45	3	1,538.23	3	1,901.11	3	2,263.99	3	2,626.87	3	2,989.63	3	3,352.37
1/4	95.02	1/4	457.65	1/4	820.52	1/4	1,183.00	1/4	1,545.79	1/4	1,908.67	1/4	2,271.55	1/4	2,634.43	1/4	2,997.18	1/4	3,359.93
1/2	102.51	1/2	465.21	1/2	828.08	1/2	1,190.55	1/2	1,553.35	1/2	1,916.23	1/2	2,279.11	1/2	2,641.99	1/2	3,004.74	1/2	3,367.49
3/4	109.99	3/4	472.77	3/4	835.64	3/4	1,198.10	3/4	1,560.91	3/4	1,923.79	3/4	2,286.67	3/4	2,649.55	3/4	3,012.30	3/4	3,375.04
4	117.47	4	480.33	4	843.20	4	1,205.64	4	1,568.47	4	1,931.35	4	2,294.23	4	2,657.11	4	3,019.86	4	3,382.60
1/4	125.03	1/4	487.89	1/4	850.76	1/4	1,213.19	1/4	1,576.03	1/4	1,938.91	1/4	2,301.79	1/4	2,664.67	1/4	3,027.41	1/4	3,390.16
1/2	132.59	1/2	495.45	1/2	858.32	1/2	1,220.74	1/2	1,583.59	1/2	1,946.47	1/2	2,309.35	1/2	2,672.22	1/2	3,034.97	1/2	3,397.72
3/4	140.15	3/4	503.01	3/4	865.88	3/4	1,228.29	3/4	1,591.15	3/4	1,954.03	3/4	2,316.91	3/4	2,679.78	3/4	3,042.53	3/4	3,405.27
5	147.71	5	510.57	5	873.44	5	1,235.83	5	1,598.71	5	1,961.59	5	2,324.47	5	2,687.34	5	3,050.08	5	3,412.83
1/4	155.27	1/4	518.13	1/4	881.00	1/4	1,243.39	1/4	1,606.27	1/4	1,969.15	1/4	2,332.03	1/4	2,694.90	1/4	3,057.64	1/4	3,420.39
1/2	162.83	1/2	525.69	1/2	888.56	1/2	1,250.95	1/2	1,613.83	1/2	1,976.71	1/2	2,339.59	1/2	2,702.45	1/2	3,065.20	1/2	3,427.94
3/4	170.39	3/4	533.25	3/4	896.12	3/4	1,258.51	3/4	1,621.39	3/4	1,984.27	3/4	2,347.15	3/4	2,710.01	3/4	3,072.76	3/4	3,435.50
6	177.94	6	540.81	6	903.68	6	1,266.07	6	1,628.95	6	1,991.83	6	2,354.71	6	2,717.57	6	3,080.31	6	3,443.06
1/4	185.50	1/4	548.37	1/4	911.24	1/4	1,273.63	1/4	1,636.51	1/4	1,999.39	1/4	2,362.27	1/4	2,725.12	1/4	3,087.87	1/4	3,450.62
1/2	193.06	1/2	555.93	1/2	918.80	1/2	1,281.19	1/2	1,644.07	1/2	2,006.95	1/2	2,369.83	1/2	2,732.68	1/2	3,095.43	1/2	3,458.17
3/4	200.62	3/4	563.49	3/4	926.36	3/4	1,288.75	3/4	1,651.63	3/4	2,014.51	3/4	2,377.39	3/4	2,740.24	3/4	3,102.98	3/4	3,465.73
7	208.18	7	571.05	7	933.91	7	1,296.31	7	1,659.19	7	2,022.07	7	2,384.95	7	2,747.80	7	3,110.54	7	3,473.29
1/4	215.74	1/4	578.61	1/4	941.47	1/4	1,303.87	1/4	1,666.75	1/4	2,029.63	1/4	2,392.51	1/4	2,755.35	1/4	3,118.10	1/4	3,480.84
1/2	223.30	1/2	586.17	1/2	949.02	1/2	1,311.43	1/2	1,674.31	1/2	2,037.19	1/2	2,400.07	1/2	2,762.91	1/2	3,125.66	1/2	3,488.40
3/4	230.86	3/4	593.73	3/4	956.57	3/4	1,318.99	3/4	1,681.87	3/4	2,044.75	3/4	2,407.63	3/4	2,770.47	3/4	3,133.21	3/4	3,495.96
8	238.42	8	601.29	8	964.12	8	1,326.56	8	1,689.43	8	2,052.31	8	2,415.19	8	2,778.02	8	3,140.77	8	3,503.52
1/4	245.98	1/4	608.85	1/4	971.68	1/4	1,334.11	1/4	1,696.99	1/4	2,059.87	1/4	2,422.75	1/4	2,785.58	1/4	3,148.33	1/4	3,511.07
1/2	253.54	1/2	616.41	1/2	979.21	1/2	1,341.67	1/2	1,704.56	1/2	2,067.43	1/2	2,430.31	1/2	2,793.14	1/2	3,155.88	1/2	3,518.63
3/4	261.10	3/4	623.97	3/4	986.76	3/4	1,349.23	3/4	1,712.11	3/4	2,074.99	3/4	2,437.87	3/4	2,800.70	3/4	3,163.44	3/4	3,526.19
9	268.66	9	631.53	9	994.31	9	1,356.79	9	1,719.67	9	2,082.55	9	2,445.43	9	2,808.25	9	3,171.00	9	3,533.74
1/4	276.22	1/4	639.09	1/4	1,001.86	1/4	1,364.35	1/4	1,727.23	1/4	2,090.11	1/4	2,452.99	1/4	2,815.81	1/4	3,178.56	1/4	3,541.30
1/2	283.78	1/2	646.65	1/2	1,009.40	1/2	1,371.91	1/2	1,734.79	1/2	2,097.67	1/2	2,460.55	1/2	2,823.37	1/2	3,186.11	1/2	3,548.86
3/4	291.34	3/4	654.21	3/4	1,016.95	3/4	1,379.47	3/4	1,742.35	3/4	2,105.23	3/4	2,468.11	3/4	2,830.93	3/4	3,193.67	3/4	3,556.42
10	298.90	10	661.77	10	1,024.50	10	1,387.03	10	1,749.91	10	2,112.79	10	2,475.67	10	2,838.48	10	3,201.23	10	3,563.97
1/4	306.46	1/4	669.33	1/4	1,032.05	1/4	1,394.59	1/4	1,757.47	1/4	2,120.35	1/4	2,483.23	1/4	2,846.04	1/4	3,208.79	1/4	3,571.53
1/2	314.02	1/2	676.88	1/2	1,039.59	1/2	1,402.15	1/2	1,765.03	1/2	2,127.91	1/2	2,490.79	1/2	2,853.60	1/2	3,216.34	1/2	3,579.09
3/4	321.58	3/4	684.44	3/4	1,047.14	3/4	1,409.71	3/4	1,772.59	3/4	2,135.47	3/4	2,498.35	3/4	2,861.15	3/4	3,223.90	3/4	3,586.65
11	329.14	11	692.00	11	1,054.69	11	1,417.27	11	1,780.15	11	2,143.03	11	2,505.91	11	2,868.71	11	3,231.46	11	3,594.20
1/4	336.70	1/4	699.56	1/4	1,062.24	1/4	1,424.83	1/4	1,787.71	1/4	2,150.59	1/4	2,513.47	1/4	2,876.27	1/4	3,239.01	1/4	3,601.76
1/2	344.26	1/2	707.12	1/2	1,069.78	1/2	1,432.39	1/2	1,795.27	1/2	2,158.15	1/2	2,521.03	1/2	2,883.83	1/2	3,246.57	1/2	3,609.32
3/4	351.82	3/4	714.68	3/4	1,077.33	3/4	1,439.95	3/4	1,802.83	3/4	2,165.71	3/4	2,528.59	3/4	2,891.38	3/4	3,254.13	3/4	3,616.87

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 "HERMETIC" CLOSED GAUGING VALVE.
GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 369"

1 PORT
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 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	3,624.43	0	3,987.18	0	4,349.92	0	4,712.67	0	5,073.95	0		0		0					0
1/4	3,631.99	1/4	3,994.73	1/4	4,357.48	1/4	4,720.23	1/4	5,081.40	1/4		1/4		1/4					1/4
1/2	3,639.55	1/2	4,002.29	1/2	4,365.04	1/2	4,727.78	1/2	5,088.86	1/2		1/2		1/2					1/2
3/4	3,647.10	3/4	4,009.85	3/4	4,372.59	3/4	4,735.34	3/4	5,096.32	3/4		3/4		3/4					3/4
1	3,654.66	1	4,017.41	1	4,380.15	1	4,742.90	1	5,103.78	1		1		1					1
1/4	3,662.22	1/4	4,024.96	1/4	4,387.71	1/4	4,750.43	1/4	5,111.24	1/4		1/4		1/4					1/4
1/2	3,669.77	1/2	4,032.52	1/2	4,395.27	1/2	4,757.97	1/2	5,118.70	1/2		1/2		1/2					1/2
3/4	3,677.33	3/4	4,040.08	3/4	4,402.82	3/4	4,765.51	3/4	5,126.16	3/4		3/4		3/4					3/4
2	3,684.89	2	4,047.63	2	4,410.38	2	4,773.04	2	5,133.62	2		2		2					2
1/4	3,692.45	1/4	4,055.19	1/4	4,417.94	1/4	4,780.57	1/4	5,141.08	1/4		1/4		1/4					1/4
1/2	3,700.00	1/2	4,062.75	1/2	4,425.49	1/2	4,788.10	1/2	5,148.53	1/2		1/2		1/2					1/2
3/4	3,707.56	3/4	4,070.31	3/4	4,433.05	3/4	4,795.63	3/4	5,155.99	3/4		3/4		3/4					3/4
3	3,715.12	3	4,077.86	3	4,440.61	3	4,803.16	3	5,163.45	3		3		3					3
1/4	3,722.67	1/4	4,085.42	1/4	4,448.17	1/4	4,810.68	1/4	5,170.91	1/4		1/4		1/4					1/4
1/2	3,730.23	1/2	4,092.98	1/2	4,455.72	1/2	4,818.21	1/2	5,178.37	1/2		1/2		1/2					1/2
3/4	3,737.79	3/4	4,100.53	3/4	4,463.28	3/4	4,825.74	3/4	5,185.83	3/4		3/4		3/4					3/4
4	3,745.35	4	4,108.09	4	4,470.84	4	4,833.27	4	5,193.29	4		4		4					4
1/4	3,752.90	1/4	4,115.65	1/4	4,478.39	1/4	4,840.80	1/4	5,200.75	1/4		1/4		1/4					1/4
1/2	3,760.46	1/2	4,123.21	1/2	4,485.95	1/2	4,848.32	1/2	5,208.21	1/2		1/2		1/2					1/2
3/4	3,768.02	3/4	4,130.76	3/4	4,493.51	3/4	4,855.85	3/4	5,215.66	3/4		3/4		3/4					3/4
5	3,775.58	5	4,138.32	5	4,501.07	5	4,863.38	5	5,223.12	5		5		5					5
1/4	3,783.13	1/4	4,145.88	1/4	4,508.62	1/4	4,870.91	1/4	5,230.03	1/4		1/4		1/4					1/4
1/2	3,790.69	1/2	4,153.44	1/2	4,516.18	1/2	4,878.44	1/2	5,236.94	1/2		1/2		1/2					1/2
3/4	3,798.25	3/4	4,160.99	3/4	4,523.74	3/4	4,885.96	3/4	5,243.84	3/4		3/4		3/4					3/4
6	3,805.80	6	4,168.55	6	4,531.30	6	4,893.49	6	5,250.76	6		6		6					6
1/4	3,813.36	1/4	4,176.11	1/4	4,538.85	1/4	4,901.02	1/4	5,256.48	1/4		1/4		1/4					1/4
1/2	3,820.92	1/2	4,183.66	1/2	4,546.41	1/2	4,908.56	1/2	5,262.20	1/2		1/2		1/2					1/2
3/4	3,828.48	3/4	4,191.22	3/4	4,553.97	3/4	4,916.08	3/4	5,267.93	3/4		3/4		3/4					3/4
7	3,836.03	7	4,198.78	7	4,561.52	7	4,923.61	7	5,273.66	7		7		7					7
1/4	3,843.59	1/4	4,206.34	1/4	4,569.08	1/4	4,931.13	1/4	5,278.15	1/4		1/4		1/4					1/4
1/2	3,851.15	1/2	4,213.89	1/2	4,576.64	1/2	4,938.66	1/2	5,282.64	1/2		1/2		1/2					1/2
3/4	3,858.70	3/4	4,221.45	3/4	4,584.20	3/4	4,946.19	3/4	5,287.13	3/4		3/4		3/4					3/4
8	3,866.26	8	4,229.01	8	4,591.75	8	4,953.72	8	5,291.62	8		8		8					8
1/4	3,873.82	1/4	4,236.56	1/4	4,599.31	1/4	4,961.25	1/4		1/4		1/4		1/4					1/4
1/2	3,881.38	1/2	4,244.12	1/2	4,606.87	1/2	4,968.77	1/2		1/2		1/2		1/2					1/2
3/4	3,888.93	3/4	4,251.68	3/4	4,614.42	3/4	4,976.30	3/4		3/4		3/4		3/4					3/4
9	3,896.49	9	4,259.24	9	4,621.98	9	4,983.83	9		9		9		9					9
1/4	3,904.05	1/4	4,266.79	1/4	4,629.54	1/4	4,991.36	1/4		1/4		1/4		1/4					1/4
1/2	3,911.60	1/2	4,274.35	1/2	4,637.10	1/2	4,998.89	1/2		1/2		1/2		1/2					1/2
3/4	3,919.16	3/4	4,281.91	3/4	4,644.65	3/4	5,006.42	3/4		3/4		3/4		3/4					3/4
10	3,926.72	10	4,289.46	10	4,652.21	10	5,013.95	10		10		10		10					10
1/4	3,934.28	1/4	4,297.02	1/4	4,659.77	1/4	5,021.48	1/4		1/4		1/4		1/4					1/4
1/2	3,941.83	1/2	4,304.58	1/2	4,667.32	1/2	5,029.01	1/2		1/2		1/2		1/2					1/2
3/4	3,949.39	3/4	4,312.14	3/4	4,674.88	3/4	5,036.54	3/4		3/4		3/4		3/4					3/4
11	3,956.95	11	4,319.69	11	4,682.44	11	5,044.07	11		11		11		11					11
1/4	3,964.51	1/4	4,327.25	1/4	4,690.00	1/4	5,051.54	1/4		1/4		1/4		1/4					1/4
1/2	3,972.06	1/2	4,334.81	1/2	4,697.55	1/2	5,059.01	1/2		1/2		1/2		1/2					1/2
3/4	3,979.62	3/4	4,342.37	3/4	4,705.11	3/4	5,066.48	3/4		3/4		3/4		3/4					3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/12/2012 SW
CALCULATED: 10/12/2012 CL
PRINTED: 10/12/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2012

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



BARGE "CBC 369"

1 STBD
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 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	21.40	0	359.29	0	722.07	0	1,083.69	0	1,445.27	0	1,808.06	0	2,170.85	0	2,533.65	0	2,896.34	0	3,259.00
1/4	25.65	1/4	366.85	1/4	729.63	1/4	1,091.20	1/4	1,452.82	1/4	1,815.62	1/4	2,178.41	1/4	2,541.20	1/4	2,903.90	1/4	3,266.56
1/2	29.90	1/2	374.41	1/2	737.19	1/2	1,098.70	1/2	1,460.38	1/2	1,823.18	1/2	2,185.97	1/2	2,548.76	1/2	2,911.46	1/2	3,274.11
3/4	34.15	3/4	381.97	3/4	744.74	3/4	1,106.21	3/4	1,467.94	3/4	1,830.73	3/4	2,193.53	3/4	2,556.32	3/4	2,919.01	3/4	3,281.67
1	38.40	1	389.52	1	752.30	1	1,113.72	1	1,475.50	1	1,838.29	1	2,201.09	1	2,563.88	1	2,926.57	1	3,289.23
1/4	43.91	1/4	397.08	1/4	759.86	1/4	1,121.22	1/4	1,483.06	1/4	1,845.85	1/4	2,208.64	1/4	2,571.44	1/4	2,934.12	1/4	3,296.78
1/2	49.42	1/2	404.64	1/2	767.42	1/2	1,128.73	1/2	1,490.61	1/2	1,853.41	1/2	2,216.20	1/2	2,579.00	1/2	2,941.68	1/2	3,304.34
3/4	54.93	3/4	412.20	3/4	774.98	3/4	1,136.24	3/4	1,498.17	3/4	1,860.97	3/4	2,223.76	3/4	2,586.55	3/4	2,949.23	3/4	3,311.89
2	60.44	2	419.75	2	782.53	2	1,143.74	2	1,505.73	2	1,868.52	2	2,231.32	2	2,594.11	2	2,956.79	2	3,319.45
1/4	67.21	1/4	427.31	1/4	790.09	1/4	1,151.26	1/4	1,513.29	1/4	1,876.08	1/4	2,238.88	1/4	2,601.67	1/4	2,964.34	1/4	3,327.00
1/2	73.98	1/2	434.87	1/2	797.65	1/2	1,158.76	1/2	1,520.85	1/2	1,883.64	1/2	2,246.43	1/2	2,609.23	1/2	2,971.90	1/2	3,334.56
3/4	80.75	3/4	442.43	3/4	805.21	3/4	1,166.26	3/4	1,528.41	3/4	1,891.20	3/4	2,253.99	3/4	2,616.79	3/4	2,979.45	3/4	3,342.11
3	87.52	3	449.99	3	812.77	3	1,173.77	3	1,535.96	3	1,898.76	3	2,261.55	3	2,624.34	3	2,987.01	3	3,349.67
1/4	95.00	1/4	457.54	1/4	820.32	1/4	1,181.27	1/4	1,543.52	1/4	1,906.32	1/4	2,269.11	1/4	2,631.90	1/4	2,994.57	1/4	3,357.22
1/2	102.48	1/2	465.10	1/2	827.88	1/2	1,188.78	1/2	1,551.08	1/2	1,913.87	1/2	2,276.67	1/2	2,639.46	1/2	3,002.12	1/2	3,364.78
3/4	109.96	3/4	472.66	3/4	835.44	3/4	1,196.29	3/4	1,558.64	3/4	1,921.43	3/4	2,284.23	3/4	2,647.02	3/4	3,009.68	3/4	3,372.34
4	117.44	4	480.22	4	843.00	4	1,203.79	4	1,566.20	4	1,928.99	4	2,291.78	4	2,654.57	4	3,017.23	4	3,379.89
1/4	125.00	1/4	487.78	1/4	850.56	1/4	1,211.30	1/4	1,573.76	1/4	1,936.55	1/4	2,299.34	1/4	2,662.13	1/4	3,024.79	1/4	3,387.45
1/2	132.55	1/2	495.33	1/2	858.11	1/2	1,218.81	1/2	1,581.31	1/2	1,944.11	1/2	2,306.90	1/2	2,669.68	1/2	3,032.34	1/2	3,395.00
3/4	140.11	3/4	502.89	3/4	865.67	3/4	1,226.31	3/4	1,588.87	3/4	1,951.67	3/4	2,314.46	3/4	2,677.24	3/4	3,039.90	3/4	3,402.56
5	147.67	5	510.45	5	873.23	5	1,233.82	5	1,596.43	5	1,959.22	5	2,322.02	5	2,684.79	5	3,047.45	5	3,410.11
1/4	155.23	1/4	518.01	1/4	880.79	1/4	1,241.34	1/4	1,603.99	1/4	1,966.78	1/4	2,329.57	1/4	2,692.35	1/4	3,055.01	1/4	3,417.67
1/2	162.79	1/2	525.57	1/2	888.34	1/2	1,248.85	1/2	1,611.55	1/2	1,974.34	1/2	2,337.13	1/2	2,699.90	1/2	3,062.56	1/2	3,425.22
3/4	170.34	3/4	533.12	3/4	895.90	3/4	1,256.37	3/4	1,619.10	3/4	1,981.90	3/4	2,344.69	3/4	2,707.46	3/4	3,070.12	3/4	3,432.78
6	177.90	6	540.68	6	903.46	6	1,263.89	6	1,626.66	6	1,989.46	6	2,352.25	6	2,715.02	6	3,077.67	6	3,440.33
1/4	185.46	1/4	548.24	1/4	910.98	1/4	1,271.44	1/4	1,634.22	1/4	1,997.01	1/4	2,359.81	1/4	2,722.57	1/4	3,085.23	1/4	3,447.89
1/2	193.02	1/2	555.80	1/2	918.51	1/2	1,279.00	1/2	1,641.78	1/2	2,004.57	1/2	2,367.37	1/2	2,730.13	1/2	3,092.79	1/2	3,455.44
3/4	200.58	3/4	563.35	3/4	926.03	3/4	1,286.55	3/4	1,649.34	3/4	2,012.13	3/4	2,374.92	3/4	2,737.68	3/4	3,100.34	3/4	3,463.00
7	208.13	7	570.91	7	933.56	7	1,294.10	7	1,656.90	7	2,019.69	7	2,382.48	7	2,745.24	7	3,107.90	7	3,470.56
1/4	215.69	1/4	578.47	1/4	941.06	1/4	1,301.66	1/4	1,664.45	1/4	2,027.25	1/4	2,390.04	1/4	2,752.79	1/4	3,115.45	1/4	3,478.11
1/2	223.25	1/2	586.03	1/2	948.57	1/2	1,309.22	1/2	1,672.01	1/2	2,034.81	1/2	2,397.60	1/2	2,760.35	1/2	3,123.01	1/2	3,485.67
3/4	230.81	3/4	593.59	3/4	956.08	3/4	1,316.78	3/4	1,679.57	3/4	2,042.36	3/4	2,405.16	3/4	2,767.90	3/4	3,130.56	3/4	3,493.22
8	238.37	8	601.14	8	963.59	8	1,324.33	8	1,687.13	8	2,049.92	8	2,412.72	8	2,775.46	8	3,138.12	8	3,500.78
1/4	245.92	1/4	608.70	1/4	971.09	1/4	1,331.89	1/4	1,694.69	1/4	2,057.48	1/4	2,420.27	1/4	2,783.01	1/4	3,145.67	1/4	3,508.33
1/2	253.48	1/2	616.26	1/2	978.60	1/2	1,339.45	1/2	1,702.24	1/2	2,065.04	1/2	2,427.83	1/2	2,790.57	1/2	3,153.23	1/2	3,515.89
3/4	261.04	3/4	623.82	3/4	986.11	3/4	1,347.01	3/4	1,709.80	3/4	2,072.60	3/4	2,435.39	3/4	2,798.12	3/4	3,160.78	3/4	3,523.44
9	268.60	9	631.38	9	993.61	9	1,354.57	9	1,717.36	9	2,080.15	9	2,442.95	9	2,805.68	9	3,168.34	9	3,531.00
1/4	276.15	1/4	638.93	1/4	1,001.12	1/4	1,362.13	1/4	1,724.92	1/4	2,087.71	1/4	2,450.51	1/4	2,813.24	1/4	3,175.89	1/4	3,538.55
1/2	283.71	1/2	646.49	1/2	1,008.63	1/2	1,369.68	1/2	1,732.48	1/2	2,095.27	1/2	2,458.06	1/2	2,820.79	1/2	3,183.45	1/2	3,546.11
3/4	291.27	3/4	654.05	3/4	1,016.13	3/4	1,377.24	3/4	1,740.04	3/4	2,102.83	3/4	2,465.62	3/4	2,828.35	3/4	3,191.01	3/4	3,553.66
10	298.83	10	661.61	10	1,023.64	10	1,384.80	10	1,747.59	10	2,110.39	10	2,473.18	10	2,835.90	10	3,198.56	10	3,561.22
1/4	306.39	1/4	669.17	1/4	1,031.15	1/4	1,392.36	1/4	1,755.15	1/4	2,117.95	1/4	2,480.74	1/4	2,843.46	1/4	3,206.12	1/4	3,568.78
1/2	313.94	1/2	676.72	1/2	1,038.65	1/2	1,399.92	1/2	1,762.71	1/2	2,125.50	1/2	2,488.30	1/2	2,851.01	1/2	3,213.67	1/2	3,576.33
3/4	321.50	3/4	684.28	3/4	1,046.16	3/4	1,407.47	3/4	1,770.27	3/4	2,133.06	3/4	2,495.86	3/4	2,858.57	3/4	3,221.23	3/4	3,583.89
11	329.06	11	691.84	11	1,053.66	11	1,415.03	11	1,777.83	11	2,140.62	11	2,503.41	11	2,866.12	11	3,228.78	11	3,591.44
1/4	336.62	1/4	699.40	1/4	1,061.17	1/4	1,422.59	1/4	1,785.38	1/4	2,148.18	1/4	2,510.97	1/4	2,873.68	1/4	3,236.34	1/4	3,599.00
1/2	344.18	1/2	706.96	1/2	1,068.68	1/2	1,430.15	1/2	1,792.94	1/2	2,155.74	1/2	2,518.53	1/2	2,881.23	1/2	3,243.89	1/2	3,606.55
3/4	351.73	3/4	714.51	3/4	1,076.18	3/4	1,437.71	3/4	1,800.50	3/4	2,163.29	3/4	2,526.09	3/4	2,888.79	3/4	3,251.45	3/4	3,614.11

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 27.
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 "HERMETIC" CLOSED GAUGING VALVE.
GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "CBC 369"

1 STBD
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 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	3,621.66	0	3,984.32	0	4,346.98	0	4,709.64	0	5,070.83	0		0		0		0		0	
1/4	3,629.22	1/4	3,991.88	1/4	4,354.54	1/4	4,717.20	1/4	5,078.28	1/4		1/4		1/4		1/4		1/4	
1/2	3,636.77	1/2	3,999.43	1/2	4,362.09	1/2	4,724.75	1/2	5,085.74	1/2		1/2		1/2		1/2		1/2	
3/4	3,644.33	3/4	4,006.99	3/4	4,369.65	3/4	4,732.31	3/4	5,093.20	3/4		3/4		3/4		3/4		3/4	
1	3,651.88	1	4,014.54	1	4,377.20	1	4,739.86	1	5,100.65	1		1		1		1		1	
1 1/4	3,659.44	1 1/4	4,022.10	1 1/4	4,384.76	1 1/4	4,747.40	1 1/4	5,108.11	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	3,667.00	1 1/2	4,029.65	1 1/2	4,392.31	1 1/2	4,754.93	1 1/2	5,115.57	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	3,674.55	3/4	4,037.21	3/4	4,399.87	3/4	4,762.46	3/4	5,123.02	3/4		3/4		3/4		3/4		3/4	
2	3,682.11	2	4,044.77	2	4,407.42	2	4,770.00	2	5,130.48	2		2		2		2		2	
1 1/4	3,689.66	1 1/4	4,052.32	1 1/4	4,414.98	1 1/4	4,777.52	1 1/4	5,137.94	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	3,697.22	1 1/2	4,059.88	1 1/2	4,422.54	1 1/2	4,785.05	1 1/2	5,145.40	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	3,704.77	3/4	4,067.43	3/4	4,430.09	3/4	4,792.57	3/4	5,152.85	3/4		3/4		3/4		3/4		3/4	
3	3,712.33	3	4,074.99	3	4,437.65	3	4,800.10	3	5,160.31	3		3		3		3		3	
1 1/4	3,719.88	1 1/4	4,082.54	1 1/4	4,445.20	1 1/4	4,807.63	1 1/4	5,167.77	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	3,727.44	1 1/2	4,090.10	1 1/2	4,452.76	1 1/2	4,815.15	1 1/2	5,175.22	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	3,734.99	3/4	4,097.65	3/4	4,460.31	3/4	4,822.68	3/4	5,182.68	3/4		3/4		3/4		3/4		3/4	
4	3,742.55	4	4,105.21	4	4,467.87	4	4,830.21	4	5,190.14	4		4		4		4		4	
1 1/4	3,750.11	1 1/4	4,112.76	1 1/4	4,475.42	1 1/4	4,837.73	1 1/4	5,197.59	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	3,757.66	1 1/2	4,120.32	1 1/2	4,482.98	1 1/2	4,845.26	1 1/2	5,205.05	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	3,765.22	3/4	4,127.88	3/4	4,490.53	3/4	4,852.78	3/4	5,212.51	3/4		3/4		3/4		3/4		3/4	
5	3,772.77	5	4,135.43	5	4,498.09	5	4,860.31	5	5,219.97	5		5		5		5		5	
1 1/4	3,780.33	1 1/4	4,142.99	1 1/4	4,505.65	1 1/4	4,867.84	1 1/4	5,226.87	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	3,787.88	1 1/2	4,150.54	1 1/2	4,513.20	1 1/2	4,875.36	1 1/2	5,233.78	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	3,795.44	3/4	4,158.10	3/4	4,520.76	3/4	4,882.89	3/4	5,240.68	3/4		3/4		3/4		3/4		3/4	
6	3,802.99	6	4,165.65	6	4,528.31	6	4,890.42	6	5,247.59	6		6		6		6		6	
1 1/4	3,810.55	1 1/4	4,173.21	1 1/4	4,535.87	1 1/4	4,897.94	1 1/4	5,253.31	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	3,818.10	1 1/2	4,180.76	1 1/2	4,543.42	1 1/2	4,905.47	1 1/2	5,259.04	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	3,825.66	3/4	4,188.32	3/4	4,550.98	3/4	4,912.99	3/4	5,264.76	3/4		3/4		3/4		3/4		3/4	
7	3,833.21	7	4,195.87	7	4,558.53	7	4,920.52	7	5,270.49	7		7		7		7		7	
1 1/4	3,840.77	1 1/4	4,203.43	1 1/4	4,566.09	1 1/4	4,928.05	1 1/4	5,274.98	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	3,848.33	1 1/2	4,210.98	1 1/2	4,573.64	1 1/2	4,935.57	1 1/2	5,279.47	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	3,855.88	3/4	4,218.54	3/4	4,581.20	3/4	4,943.10	3/4	5,283.96	3/4		3/4		3/4		3/4		3/4	
8	3,863.44	8	4,226.10	8	4,588.75	8	4,950.63	8	5,288.45	8		8		8		8		8	
1 1/4	3,870.99	1 1/4	4,233.65	1 1/4	4,596.31	1 1/4	4,958.16	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	3,878.55	1 1/2	4,241.21	1 1/2	4,603.87	1 1/2	4,965.68	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	3,886.10	3/4	4,248.76	3/4	4,611.42	3/4	4,973.21	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,893.66	9	4,256.32	9	4,618.98	9	4,980.73	9		9		9		9		9		9	
1 1/4	3,901.21	1 1/4	4,263.87	1 1/4	4,626.53	1 1/4	4,988.26	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	3,908.77	1 1/2	4,271.43	1 1/2	4,634.09	1 1/2	4,995.79	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	3,916.32	3/4	4,278.98	3/4	4,641.64	3/4	5,003.32	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,923.88	10	4,286.54	10	4,649.20	10	5,010.85	10		10		10		10		10		10	
1 1/4	3,931.43	1 1/4	4,294.09	1 1/4	4,656.75	1 1/4	5,018.37	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	3,938.99	1 1/2	4,301.65	1 1/2	4,664.31	1 1/2	5,025.90	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	3,946.55	3/4	4,309.20	3/4	4,671.86	3/4	5,033.43	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,954.10	11	4,316.76	11	4,679.42	11	5,040.96	11		11		11		11		11		11	
1 1/4	3,961.66	1 1/4	4,324.32	1 1/4	4,686.97	1 1/4	5,048.43	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	3,969.21	1 1/2	4,331.87	1 1/2	4,694.53	1 1/2	5,055.89	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	3,976.77	3/4	4,339.43	3/4	4,702.09	3/4	5,063.36	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/12/2012 SW
CALCULATED: 10/12/2012 CL
PRINTED: 10/12/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2012

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



BARGE "CBC 369"

2 PORT
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 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	21.32	0	358.00	0	719.48	0	1,080.72	0	1,441.96	0	1,803.45	0	2,164.95	0	2,526.44	0	2,887.82	0	3,249.18
1/4	25.66	1/4	365.53	1/4	727.01	1/4	1,088.24	1/4	1,449.49	1/4	1,810.98	1/4	2,172.48	1/4	2,533.97	1/4	2,895.35	1/4	3,256.71
1/2	29.79	1/2	373.06	1/2	734.54	1/2	1,095.76	1/2	1,457.02	1/2	1,818.51	1/2	2,180.01	1/2	2,541.50	1/2	2,902.88	1/2	3,264.24
3/4	34.03	3/4	380.60	3/4	742.07	3/4	1,103.28	3/4	1,464.55	3/4	1,826.05	3/4	2,187.54	3/4	2,549.03	3/4	2,910.41	3/4	3,271.77
1	38.26	1	388.13	1	749.60	1	1,110.80	1	1,472.08	1	1,833.58	1	2,195.07	1	2,556.56	1	2,917.94	1	3,279.29
1 1/4	43.75	1 1/4	395.66	1 1/4	757.14	1 1/4	1,118.31	1 1/4	1,479.62	1 1/4	1,841.11	1 1/4	2,202.60	1 1/4	2,564.09	1 1/4	2,925.46	1 1/4	3,286.82
1 1/2	49.24	1 1/2	403.19	1 1/2	764.67	1 1/2	1,125.83	1 1/2	1,487.15	1 1/2	1,848.64	1 1/2	2,210.13	1 1/2	2,571.62	1 1/2	2,932.99	1 1/2	3,294.35
3/4	54.73	3/4	410.72	3/4	772.20	3/4	1,133.35	3/4	1,494.68	3/4	1,856.17	3/4	2,217.66	3/4	2,579.16	3/4	2,940.52	3/4	3,301.88
2	60.22	2	418.25	2	779.73	2	1,140.87	2	1,502.21	2	1,863.70	2	2,225.19	2	2,586.69	2	2,948.05	2	3,309.41
1 1/4	66.97	1 1/4	425.78	1 1/4	787.26	1 1/4	1,148.39	1 1/4	1,509.74	1 1/4	1,871.23	1 1/4	2,232.73	1 1/4	2,594.22	1 1/4	2,955.58	1 1/4	3,316.94
1 1/2	73.72	1 1/2	433.31	1 1/2	794.79	1 1/2	1,155.91	1 1/2	1,517.27	1 1/2	1,878.76	1 1/2	2,240.26	1 1/2	2,601.75	1 1/2	2,963.11	1 1/2	3,324.46
3/4	80.46	3/4	440.84	3/4	802.32	3/4	1,163.43	3/4	1,524.80	3/4	1,886.29	3/4	2,247.79	3/4	2,609.28	3/4	2,970.63	3/4	3,331.99
3	87.21	3	448.37	3	809.85	3	1,170.95	3	1,532.33	3	1,893.83	3	2,255.32	3	2,616.81	3	2,978.16	3	3,339.52
1 1/4	94.66	1 1/4	455.90	1 1/4	817.38	1 1/4	1,178.46	1 1/4	1,539.86	1 1/4	1,901.36	1 1/4	2,262.85	1 1/4	2,624.34	1 1/4	2,985.69	1 1/4	3,347.05
1 1/2	102.11	1 1/2	463.43	1 1/2	824.91	1 1/2	1,185.98	1 1/2	1,547.40	1 1/2	1,908.89	1 1/2	2,270.38	1 1/2	2,631.86	1 1/2	2,993.22	1 1/2	3,354.58
3/4	109.56	3/4	470.96	3/4	832.44	3/4	1,193.50	3/4	1,554.93	3/4	1,916.42	3/4	2,277.91	3/4	2,639.39	3/4	3,000.75	3/4	3,362.11
4	117.02	4	478.50	4	839.97	4	1,201.02	4	1,562.46	4	1,923.95	4	2,285.44	4	2,646.92	4	3,008.28	4	3,369.63
1 1/4	124.55	1 1/4	486.03	1 1/4	847.50	1 1/4	1,208.54	1 1/4	1,569.99	1 1/4	1,931.48	1 1/4	2,292.97	1 1/4	2,654.45	1 1/4	3,015.80	1 1/4	3,377.16
1 1/2	132.08	1 1/2	493.56	1 1/2	855.04	1 1/2	1,216.06	1 1/2	1,577.52	1 1/2	1,939.01	1 1/2	2,300.51	1 1/2	2,661.97	1 1/2	3,023.33	1 1/2	3,384.69
3/4	139.61	3/4	501.09	3/4	862.57	3/4	1,223.58	3/4	1,585.05	3/4	1,946.54	3/4	2,308.04	3/4	2,669.50	3/4	3,030.86	3/4	3,392.22
5	147.14	5	508.62	5	870.10	5	1,231.10	5	1,592.58	5	1,954.07	5	2,315.57	5	2,677.03	5	3,038.39	5	3,399.75
1 1/4	154.67	1 1/4	516.15	1 1/4	877.63	1 1/4	1,238.63	1 1/4	1,600.11	1 1/4	1,961.61	1 1/4	2,323.10	1 1/4	2,684.56	1 1/4	3,045.92	1 1/4	3,407.28
1 1/2	162.20	1 1/2	523.68	1 1/2	885.16	1 1/2	1,246.15	1 1/2	1,607.64	1 1/2	1,969.14	1 1/2	2,330.63	1 1/2	2,692.09	1 1/2	3,053.45	1 1/2	3,414.80
3/4	169.73	3/4	531.21	3/4	892.69	3/4	1,253.68	3/4	1,615.17	3/4	1,976.67	3/4	2,338.16	3/4	2,699.61	3/4	3,060.97	3/4	3,422.33
6	177.26	6	538.74	6	900.22	6	1,261.21	6	1,622.71	6	1,984.20	6	2,345.69	6	2,707.14	6	3,068.50	6	3,429.86
1 1/4	184.79	1 1/4	546.27	1 1/4	907.75	1 1/4	1,268.74	1 1/4	1,630.24	1 1/4	1,991.73	1 1/4	2,353.22	1 1/4	2,714.67	1 1/4	3,076.03	1 1/4	3,437.39
1 1/2	192.33	1 1/2	553.80	1 1/2	915.28	1 1/2	1,276.28	1 1/2	1,637.77	1 1/2	1,999.26	1 1/2	2,360.75	1 1/2	2,722.20	1 1/2	3,083.56	1 1/2	3,444.92
3/4	199.86	3/4	561.33	3/4	922.81	3/4	1,283.81	3/4	1,645.30	3/4	2,006.79	3/4	2,368.28	3/4	2,729.73	3/4	3,091.09	3/4	3,452.44
7	207.39	7	568.87	7	930.34	7	1,291.34	7	1,652.83	7	2,014.32	7	2,375.82	7	2,737.26	7	3,098.61	7	3,459.97
1 1/4	214.92	1 1/4	576.40	1 1/4	937.86	1 1/4	1,298.87	1 1/4	1,660.36	1 1/4	2,021.85	1 1/4	2,383.35	1 1/4	2,744.78	1 1/4	3,106.14	1 1/4	3,467.50
1 1/2	222.45	1 1/2	583.93	1 1/2	945.38	1 1/2	1,306.40	1 1/2	1,667.89	1 1/2	2,029.39	1 1/2	2,390.88	1 1/2	2,752.31	1 1/2	3,113.67	1 1/2	3,475.03
3/4	229.98	3/4	591.46	3/4	952.90	3/4	1,313.93	3/4	1,675.42	3/4	2,036.92	3/4	2,398.41	3/4	2,759.84	3/4	3,121.20	3/4	3,482.56
8	237.51	8	598.99	8	960.42	8	1,321.46	8	1,682.95	8	2,044.45	8	2,405.94	8	2,767.37	8	3,128.73	8	3,490.09
1 1/4	245.04	1 1/4	606.52	1 1/4	967.94	1 1/4	1,328.99	1 1/4	1,690.49	1 1/4	2,051.98	1 1/4	2,413.47	1 1/4	2,774.90	1 1/4	3,136.26	1 1/4	3,497.61
1 1/2	252.57	1 1/2	614.05	1 1/2	975.46	1 1/2	1,336.52	1 1/2	1,698.02	1 1/2	2,059.51	1 1/2	2,421.00	1 1/2	2,782.43	1 1/2	3,143.78	1 1/2	3,505.14
3/4	260.10	3/4	621.58	3/4	982.98	3/4	1,344.06	3/4	1,705.55	3/4	2,067.04	3/4	2,428.53	3/4	2,789.95	3/4	3,151.31	3/4	3,512.67
9	267.63	9	629.11	9	990.49	9	1,351.59	9	1,713.08	9	2,074.57	9	2,436.06	9	2,797.48	9	3,158.84	9	3,520.20
1 1/4	275.16	1 1/4	636.64	1 1/4	998.01	1 1/4	1,359.12	1 1/4	1,720.61	1 1/4	2,082.10	1 1/4	2,443.60	1 1/4	2,805.01	1 1/4	3,166.37	1 1/4	3,527.73
1 1/2	282.69	1 1/2	644.17	1 1/2	1,005.53	1 1/2	1,366.65	1 1/2	1,728.14	1 1/2	2,089.63	1 1/2	2,451.13	1 1/2	2,812.54	1 1/2	3,173.90	1 1/2	3,535.26
3/4	290.23	3/4	651.70	3/4	1,013.05	3/4	1,374.18	3/4	1,735.67	3/4	2,097.17	3/4	2,458.66	3/4	2,820.07	3/4	3,181.43	3/4	3,542.78
10	297.76	10	659.23	10	1,020.57	10	1,381.71	10	1,743.20	10	2,104.70	10	2,466.19	10	2,827.60	10	3,188.95	10	3,550.31
1 1/4	305.29	1 1/4	666.77	1 1/4	1,028.09	1 1/4	1,389.24	1 1/4	1,750.73	1 1/4	2,112.23	1 1/4	2,473.72	1 1/4	2,835.12	1 1/4	3,196.48	1 1/4	3,557.84
1 1/2	312.82	1 1/2	674.30	1 1/2	1,035.61	1 1/2	1,396.77	1 1/2	1,758.27	1 1/2	2,119.76	1 1/2	2,481.25	1 1/2	2,842.65	1 1/2	3,204.01	1 1/2	3,565.37
3/4	320.35	3/4	681.83	3/4	1,043.13	3/4	1,404.30	3/4	1,765.80	3/4	2,127.29	3/4	2,488.78	3/4	2,850.18	3/4	3,211.54	3/4	3,572.90
11	327.88	11	689.36	11	1,050.65	11	1,411.84	11	1,773.33	11	2,134.82	11	2,496.31	11	2,857.71	11	3,219.07	11	3,580.43
1 1/4	335.41	1 1/4	696.89	1 1/4	1,058.16	1 1/4	1,419.37	1 1/4	1,780.86	1 1/4	2,142.35	1 1/4	2,503.84	1 1/4	2,865.24	1 1/4	3,226.60	1 1/4	3,587.95
1 1/2	342.94	1 1/2	704.42	1 1/2	1,065.68	1 1/2	1,426.90	1 1/2	1,788.39	1 1/2	2,149.88	1 1/2	2,511.38	1 1/2	2,872.77	1 1/2	3,234.12	1 1/2	3,595.48
3/4	350.47	3/4	711.95	3/4	1,073.20	3/4	1,434.43	3/4	1,795.92	3/4	2,157.41	3/4	2,518.91	3/4	2,880.29	3/4	3,241.65	3/4	3,603.01

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 "HERMETIC" CLOSED GAUGING VALVE.
GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "CBC 369"

2 PORT
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 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	3,610.54	0	3,971.90	0	4,333.26	0	4,694.61	0	5,054.48	0		0							
1/4	3,618.07	1/4	3,979.43	1/4	4,340.78	1/4	4,702.14	1/4	5,061.91	1/4		1/4							
1/2	3,625.60	1/2	3,986.96	1/2	4,348.31	1/2	4,709.67	1/2	5,069.34	1/2		1/2							
3/4	3,633.12	3/4	3,994.48	3/4	4,355.84	3/4	4,717.20	3/4	5,076.77	3/4		3/4							
1	3,640.65	1	4,002.01	1	4,363.37	1	4,724.73	1	5,084.20	1		1							
1/4	3,648.18	1/4	4,009.54	1/4	4,370.90	1/4	4,732.23	1/4	5,091.63	1/4		1/4							
1/2	3,655.71	1/2	4,017.07	1/2	4,378.43	1/2	4,739.73	1/2	5,099.06	1/2		1/2							
3/4	3,663.24	3/4	4,024.60	3/4	4,385.95	3/4	4,747.23	3/4	5,106.49	3/4		3/4							
2	3,670.77	2	4,032.12	2	4,393.48	2	4,754.73	2	5,113.92	2		2							
1/4	3,678.29	1/4	4,039.65	1/4	4,401.01	1/4	4,762.23	1/4	5,121.35	1/4		1/4							
1/2	3,685.82	1/2	4,047.18	1/2	4,408.54	1/2	4,769.73	1/2	5,128.78	1/2		1/2							
3/4	3,693.35	3/4	4,054.71	3/4	4,416.07	3/4	4,777.23	3/4	5,136.21	3/4		3/4							
3	3,700.88	3	4,062.24	3	4,423.60	3	4,784.73	3	5,143.64	3		3							
1/4	3,708.41	1/4	4,069.77	1/4	4,431.12	1/4	4,792.23	1/4	5,151.07	1/4		1/4							
1/2	3,715.94	1/2	4,077.29	1/2	4,438.65	1/2	4,799.73	1/2	5,158.50	1/2		1/2							
3/4	3,723.46	3/4	4,084.82	3/4	4,446.18	3/4	4,807.23	3/4	5,165.93	3/4		3/4							
4	3,730.99	4	4,092.35	4	4,453.71	4	4,814.73	4	5,173.36	4		4							
1/4	3,738.52	1/4	4,099.88	1/4	4,461.24	1/4	4,822.22	1/4	5,180.79	1/4		1/4							
1/2	3,746.05	1/2	4,107.41	1/2	4,468.77	1/2	4,829.72	1/2	5,188.22	1/2		1/2							
3/4	3,753.58	3/4	4,114.94	3/4	4,476.29	3/4	4,837.22	3/4	5,195.65	3/4		3/4							
5	3,761.11	5	4,122.46	5	4,483.82	5	4,844.72	5	5,203.08	5		5							
1/4	3,768.63	1/4	4,129.99	1/4	4,491.35	1/4	4,852.22	1/4	5,209.96	1/4		1/4							
1/2	3,776.16	1/2	4,137.52	1/2	4,498.88	1/2	4,859.72	1/2	5,216.83	1/2		1/2							
3/4	3,783.69	3/4	4,145.05	3/4	4,506.41	3/4	4,867.22	3/4	5,223.71	3/4		3/4							
6	3,791.22	6	4,152.58	6	4,513.94	6	4,874.72	6	5,230.59	6		6							
1/4	3,798.75	1/4	4,160.11	1/4	4,521.46	1/4	4,882.22	1/4	5,236.30	1/4		1/4							
1/2	3,806.28	1/2	4,167.63	1/2	4,528.99	1/2	4,889.72	1/2	5,242.00	1/2		1/2							
3/4	3,813.80	3/4	4,175.16	3/4	4,536.52	3/4	4,897.22	3/4	5,247.70	3/4		3/4							
7	3,821.33	7	4,182.69	7	4,544.05	7	4,904.72	7	5,253.41	7		7							
1/4	3,828.86	1/4	4,190.22	1/4	4,551.58	1/4	4,912.21	1/4	5,257.88	1/4		1/4							
1/2	3,836.39	1/2	4,197.75	1/2	4,559.10	1/2	4,919.71	1/2	5,262.35	1/2		1/2							
3/4	3,843.92	3/4	4,205.27	3/4	4,566.63	3/4	4,927.21	3/4	5,266.83	3/4		3/4							
8	3,851.44	8	4,212.80	8	4,574.16	8	4,934.71	8	5,271.30	8		8							
1/4	3,858.97	1/4	4,220.33	1/4	4,581.69	1/4	4,942.21	1/4		1/4		1/4							
1/2	3,866.50	1/2	4,227.86	1/2	4,589.22	1/2	4,949.71	1/2		1/2		1/2							
3/4	3,874.03	3/4	4,235.39	3/4	4,596.75	3/4	4,957.21	3/4		3/4		3/4							
9	3,881.56	9	4,242.92	9	4,604.27	9	4,964.71	9		9		9							
1/4	3,889.09	1/4	4,250.44	1/4	4,611.80	1/4	4,972.21	1/4		1/4		1/4							
1/2	3,896.61	1/2	4,257.97	1/2	4,619.33	1/2	4,979.71	1/2		1/2		1/2							
3/4	3,904.14	3/4	4,265.50	3/4	4,626.86	3/4	4,987.21	3/4		3/4		3/4							
10	3,911.67	10	4,273.03	10	4,634.39	10	4,994.71	10		10		10							
1/4	3,919.20	1/4	4,280.56	1/4	4,641.92	1/4	5,002.21	1/4		1/4		1/4							
1/2	3,926.73	1/2	4,288.09	1/2	4,649.44	1/2	5,009.72	1/2		1/2		1/2							
3/4	3,934.26	3/4	4,295.61	3/4	4,656.97	3/4	5,017.22	3/4		3/4		3/4							
11	3,941.78	11	4,303.14	11	4,664.50	11	5,024.72	11		11		11							
1/4	3,949.31	1/4	4,310.67	1/4	4,672.03	1/4	5,032.16	1/4		1/4		1/4							
1/2	3,956.84	1/2	4,318.20	1/2	4,679.56	1/2	5,039.60	1/2		1/2		1/2							
3/4	3,964.37	3/4	4,325.73	3/4	4,687.09	3/4	5,047.04	3/4		3/4		3/4							

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/12/2012 SW
CALCULATED: 10/12/2012 CL
PRINTED: 10/12/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2012

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



BARGE "CBC 369"

2 STBD
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 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	21.32	0	358.00	0	719.48	0	1,072.94	0	1,426.06	0	1,787.54	0	2,149.03	0	2,510.52	0	2,871.92	0	3,233.28
1/4	25.56	1/4	365.53	1/4	727.01	1/4	1,080.12	1/4	1,433.59	1/4	1,795.08	1/4	2,156.56	1/4	2,518.05	1/4	2,879.45	1/4	3,240.81
1/2	29.79	1/2	373.06	1/2	734.54	1/2	1,087.31	1/2	1,441.12	1/2	1,802.61	1/2	2,164.09	1/2	2,525.58	1/2	2,886.98	1/2	3,248.34
3/4	34.03	3/4	380.60	3/4	742.07	3/4	1,094.50	3/4	1,448.65	3/4	1,810.14	3/4	2,171.63	3/4	2,533.11	3/4	2,894.51	3/4	3,255.86
1	38.26	1	388.13	1	749.60	1	1,101.69	1	1,456.18	1	1,817.67	1	2,179.16	1	2,540.64	1	2,902.03	1	3,263.39
1/4	43.75	1/4	395.66	1/4	757.14	1/4	1,108.87	1/4	1,463.71	1/4	1,825.20	1/4	2,186.69	1/4	2,548.17	1/4	2,909.56	1/4	3,270.92
1/2	49.24	1/2	403.19	1/2	764.67	1/2	1,116.06	1/2	1,471.24	1/2	1,832.73	1/2	2,194.22	1/2	2,555.71	1/2	2,917.09	1/2	3,278.45
3/4	54.73	3/4	410.72	3/4	772.20	3/4	1,123.25	3/4	1,478.77	3/4	1,840.26	3/4	2,201.75	3/4	2,563.24	3/4	2,924.62	3/4	3,285.98
2	60.22	2	418.25	2	779.73	2	1,130.44	2	1,486.30	2	1,847.79	2	2,209.28	2	2,570.77	2	2,932.15	2	3,293.51
1/4	66.97	1/4	425.78	1/4	787.26	1/4	1,137.62	1/4	1,493.84	1/4	1,855.32	1/4	2,216.81	1/4	2,578.30	1/4	2,939.68	1/4	3,301.03
1/2	73.72	1/2	433.31	1/2	794.79	1/2	1,144.81	1/2	1,501.37	1/2	1,862.85	1/2	2,224.34	1/2	2,586.83	1/2	2,947.20	1/2	3,308.56
3/4	80.46	3/4	440.84	3/4	802.32	3/4	1,152.00	3/4	1,508.90	3/4	1,870.39	3/4	2,231.87	3/4	2,593.36	3/4	2,954.73	3/4	3,316.09
3	87.21	3	448.37	3	809.85	3	1,159.19	3	1,516.43	3	1,877.92	3	2,239.40	3	2,600.89	3	2,962.26	3	3,323.62
1/4	94.66	1/4	455.90	1/4	817.38	1/4	1,166.37	1/4	1,523.96	1/4	1,885.45	1/4	2,246.93	1/4	2,608.42	1/4	2,969.79	1/4	3,331.15
1/2	102.11	1/2	463.43	1/2	824.91	1/2	1,173.56	1/2	1,531.49	1/2	1,892.98	1/2	2,254.47	1/2	2,615.95	1/2	2,977.32	1/2	3,338.68
3/4	109.56	3/4	470.96	3/4	832.44	3/4	1,180.75	3/4	1,539.02	3/4	1,900.51	3/4	2,262.00	3/4	2,623.48	3/4	2,984.85	3/4	3,346.20
4	117.02	4	478.50	4	839.97	4	1,187.94	4	1,546.56	4	1,908.04	4	2,269.53	4	2,631.02	4	2,992.37	4	3,353.73
1/4	124.55	1/4	486.03	1/4	847.50	1/4	1,195.12	1/4	1,554.08	1/4	1,915.57	1/4	2,277.06	1/4	2,638.54	1/4	2,999.90	1/4	3,361.26
1/2	132.08	1/2	493.56	1/2	855.04	1/2	1,202.31	1/2	1,561.61	1/2	1,923.10	1/2	2,284.59	1/2	2,646.07	1/2	3,007.43	1/2	3,368.79
3/4	139.61	3/4	501.09	3/4	862.57	3/4	1,209.50	3/4	1,569.15	3/4	1,930.63	3/4	2,292.12	3/4	2,653.60	3/4	3,014.96	3/4	3,376.32
5	147.14	5	508.62	5	870.10	5	1,216.69	5	1,576.68	5	1,938.16	5	2,299.65	5	2,661.13	5	3,022.49	5	3,383.85
1/4	154.67	1/4	516.15	1/4	877.63	1/4	1,223.88	1/4	1,584.21	1/4	1,945.70	1/4	2,307.18	1/4	2,668.66	1/4	3,030.02	1/4	3,391.37
1/2	162.20	1/2	523.68	1/2	885.16	1/2	1,231.08	1/2	1,591.74	1/2	1,953.23	1/2	2,314.71	1/2	2,676.18	1/2	3,037.54	1/2	3,398.90
3/4	169.73	3/4	531.21	3/4	892.69	3/4	1,238.28	3/4	1,599.27	3/4	1,960.76	3/4	2,322.24	3/4	2,683.71	3/4	3,045.07	3/4	3,406.43
6	177.26	6	538.74	6	900.22	6	1,245.48	6	1,606.80	6	1,968.29	6	2,329.78	6	2,691.24	6	3,052.60	6	3,413.96
1/4	184.79	1/4	546.27	1/4	907.46	1/4	1,252.97	1/4	1,614.33	1/4	1,975.82	1/4	2,337.31	1/4	2,698.77	1/4	3,060.13	1/4	3,421.49
1/2	192.33	1/2	553.80	1/2	914.70	1/2	1,260.46	1/2	1,621.86	1/2	1,983.35	1/2	2,344.84	1/2	2,706.30	1/2	3,067.66	1/2	3,429.01
3/4	199.86	3/4	561.33	3/4	921.94	3/4	1,267.95	3/4	1,629.39	3/4	1,990.88	3/4	2,352.37	3/4	2,713.83	3/4	3,075.18	3/4	3,436.54
7	207.39	7	568.87	7	929.18	7	1,275.44	7	1,636.92	7	1,998.41	7	2,359.90	7	2,721.35	7	3,082.71	7	3,444.07
1/4	214.92	1/4	576.40	1/4	936.37	1/4	1,282.97	1/4	1,644.46	1/4	2,005.94	1/4	2,367.43	1/4	2,728.88	1/4	3,090.24	1/4	3,451.60
1/2	222.45	1/2	583.93	1/2	943.56	1/2	1,290.50	1/2	1,651.99	1/2	2,013.47	1/2	2,374.96	1/2	2,736.41	1/2	3,097.77	1/2	3,459.13
3/4	229.98	3/4	591.46	3/4	950.75	3/4	1,298.03	3/4	1,659.52	3/4	2,021.01	3/4	2,382.49	3/4	2,743.94	3/4	3,105.30	3/4	3,466.66
8	237.51	8	598.99	8	957.94	8	1,305.56	8	1,667.05	8	2,028.54	8	2,390.02	8	2,751.47	8	3,112.83	8	3,474.18
1/4	245.04	1/4	606.52	1/4	965.12	1/4	1,313.09	1/4	1,674.58	1/4	2,036.07	1/4	2,397.55	1/4	2,759.00	1/4	3,120.35	1/4	3,481.71
1/2	252.57	1/2	614.05	1/2	972.31	1/2	1,320.62	1/2	1,682.11	1/2	2,043.60	1/2	2,405.09	1/2	2,766.52	1/2	3,127.88	1/2	3,489.24
3/4	260.10	3/4	621.58	3/4	979.50	3/4	1,328.15	3/4	1,689.64	3/4	2,051.13	3/4	2,412.62	3/4	2,774.05	3/4	3,135.41	3/4	3,496.77
9	267.63	9	629.11	9	986.69	9	1,335.68	9	1,697.17	9	2,058.66	9	2,420.15	9	2,781.58	9	3,142.94	9	3,504.30
1/4	275.16	1/4	636.64	1/4	993.87	1/4	1,343.22	1/4	1,704.70	1/4	2,066.19	1/4	2,427.68	1/4	2,789.11	1/4	3,150.47	1/4	3,511.83
1/2	282.69	1/2	644.17	1/2	1,001.06	1/2	1,350.75	1/2	1,712.23	1/2	2,073.72	1/2	2,435.21	1/2	2,796.64	1/2	3,158.00	1/2	3,519.35
3/4	290.23	3/4	651.70	3/4	1,008.25	3/4	1,358.28	3/4	1,719.77	3/4	2,081.25	3/4	2,442.74	3/4	2,804.17	3/4	3,165.52	3/4	3,526.88
10	297.76	10	659.23	10	1,015.44	10	1,365.81	10	1,727.30	10	2,088.78	10	2,450.27	10	2,811.69	10	3,173.05	10	3,534.41
1/4	305.29	1/4	666.77	1/4	1,022.62	1/4	1,373.34	1/4	1,734.83	1/4	2,096.32	1/4	2,457.80	1/4	2,819.22	1/4	3,180.58	1/4	3,541.94
1/2	312.82	1/2	674.30	1/2	1,029.81	1/2	1,380.87	1/2	1,742.36	1/2	2,103.85	1/2	2,465.33	1/2	2,826.75	1/2	3,188.11	1/2	3,549.47
3/4	320.35	3/4	681.83	3/4	1,037.00	3/4	1,388.40	3/4	1,749.89	3/4	2,111.38	3/4	2,472.86	3/4	2,834.28	3/4	3,195.64	3/4	3,557.00
11	327.88	11	689.36	11	1,044.19	11	1,395.93	11	1,757.42	11	2,118.91	11	2,480.40	11	2,841.81	11	3,203.17	11	3,564.52
1/4	335.41	1/4	696.89	1/4	1,051.37	1/4	1,403.46	1/4	1,764.95	1/4	2,126.44	1/4	2,487.93	1/4	2,849.34	1/4	3,210.69	1/4	3,572.05
1/2	342.94	1/2	704.42	1/2	1,058.56	1/2	1,410.99	1/2	1,772.48	1/2	2,133.97	1/2	2,495.46	1/2	2,856.86	1/2	3,218.22	1/2	3,579.58
3/4	350.47	3/4	711.95	3/4	1,065.75	3/4	1,418.53	3/4	1,780.01	3/4	2,141.50	3/4	2,502.99	3/4	2,864.39	3/4	3,225.75	3/4	3,587.11

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 "HERMETIC" CLOSED GAUGING VALVE.
GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "CBC 369"

2 STBD
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 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	3,594.64	0	3,956.00	0	4,317.35	0	4,678.71	0	5,038.57	0		0		0		0		0	
1/4	3,602.17	1/4	3,963.52	1/4	4,324.88	1/4	4,686.24	1/4	5,046.00	1/4		1/4		1/4		1/4		1/4	
1/2	3,609.69	1/2	3,971.05	1/2	4,332.41	1/2	4,693.77	1/2	5,053.43	1/2		1/2		1/2		1/2		1/2	
3/4	3,617.22	3/4	3,978.58	3/4	4,339.94	3/4	4,701.30	3/4	5,060.86	3/4		3/4		3/4		3/4		3/4	
1	3,624.75	1	3,986.11	1	4,347.47	1	4,708.83	1	5,068.29	1		1		1		1		1	
1/4	3,632.28	1/4	3,993.64	1/4	4,355.00	1/4	4,716.33	1/4	5,075.72	1/4		1/4		1/4		1/4		1/4	
1/2	3,639.81	1/2	4,001.17	1/2	4,362.52	1/2	4,723.83	1/2	5,083.15	1/2		1/2		1/2		1/2		1/2	
3/4	3,647.34	3/4	4,008.69	3/4	4,370.05	3/4	4,731.33	3/4	5,090.58	3/4		3/4		3/4		3/4		3/4	
2	3,654.86	2	4,016.22	2	4,377.58	2	4,738.83	2	5,098.01	2		2		2		2		2	
1/4	3,662.39	1/4	4,023.75	1/4	4,385.11	1/4	4,746.33	1/4	5,105.44	1/4		1/4		1/4		1/4		1/4	
1/2	3,669.92	1/2	4,031.28	1/2	4,392.64	1/2	4,753.83	1/2	5,112.87	1/2		1/2		1/2		1/2		1/2	
3/4	3,677.45	3/4	4,038.81	3/4	4,400.17	3/4	4,761.33	3/4	5,120.30	3/4		3/4		3/4		3/4		3/4	
3	3,684.98	3	4,046.34	3	4,407.69	3	4,768.83	3	5,127.73	3		3		3		3		3	
1/4	3,692.51	1/4	4,053.86	1/4	4,415.22	1/4	4,776.33	1/4	5,135.16	1/4		1/4		1/4		1/4		1/4	
1/2	3,700.03	1/2	4,061.39	1/2	4,422.75	1/2	4,783.83	1/2	5,142.59	1/2		1/2		1/2		1/2		1/2	
3/4	3,707.56	3/4	4,068.92	3/4	4,430.28	3/4	4,791.32	3/4	5,150.02	3/4		3/4		3/4		3/4		3/4	
4	3,715.09	4	4,076.45	4	4,437.81	4	4,798.82	4	5,157.45	4		4		4		4		4	
1/4	3,722.62	1/4	4,083.98	1/4	4,445.34	1/4	4,806.32	1/4	5,164.88	1/4		1/4		1/4		1/4		1/4	
1/2	3,730.15	1/2	4,091.51	1/2	4,452.86	1/2	4,813.82	1/2	5,172.31	1/2		1/2		1/2		1/2		1/2	
3/4	3,737.68	3/4	4,099.03	3/4	4,460.39	3/4	4,821.32	3/4	5,179.74	3/4		3/4		3/4		3/4		3/4	
5	3,745.20	5	4,106.56	5	4,467.92	5	4,828.82	5	5,187.17	5		5		5		5		5	
1/4	3,752.73	1/4	4,114.09	1/4	4,475.45	1/4	4,836.32	1/4	5,194.60	1/4		1/4		1/4		1/4		1/4	
1/2	3,760.26	1/2	4,121.62	1/2	4,482.98	1/2	4,843.82	1/2	5,200.93	1/2		1/2		1/2		1/2		1/2	
3/4	3,767.79	3/4	4,129.15	3/4	4,490.51	3/4	4,851.32	3/4	5,207.81	3/4		3/4		3/4		3/4		3/4	
6	3,775.32	6	4,136.68	6	4,498.03	6	4,858.82	6	5,214.69	6		6		6		6		6	
1/4	3,782.85	1/4	4,144.20	1/4	4,505.56	1/4	4,866.32	1/4	5,220.40	1/4		1/4		1/4		1/4		1/4	
1/2	3,790.37	1/2	4,151.73	1/2	4,513.09	1/2	4,873.82	1/2	5,226.10	1/2		1/2		1/2		1/2		1/2	
3/4	3,797.90	3/4	4,159.26	3/4	4,520.62	3/4	4,881.31	3/4	5,231.80	3/4		3/4		3/4		3/4		3/4	
7	3,805.43	7	4,166.79	7	4,528.15	7	4,888.81	7	5,237.51	7		7		7		7		7	
1/4	3,812.96	1/4	4,174.32	1/4	4,535.68	1/4	4,896.31	1/4	5,241.98	1/4		1/4		1/4		1/4		1/4	
1/2	3,820.49	1/2	4,181.84	1/2	4,543.20	1/2	4,903.81	1/2	5,246.45	1/2		1/2		1/2		1/2		1/2	
3/4	3,828.01	3/4	4,189.37	3/4	4,550.73	3/4	4,911.31	3/4	5,250.93	3/4		3/4		3/4		3/4		3/4	
8	3,835.54	8	4,196.90	8	4,558.26	8	4,918.81	8	5,255.40	8		8		8		8		8	
1/4	3,843.07	1/4	4,204.43	1/4	4,565.79	1/4	4,926.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,850.60	1/2	4,211.96	1/2	4,573.32	1/2	4,933.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,858.13	3/4	4,219.49	3/4	4,580.84	3/4	4,941.31	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,865.66	9	4,227.01	9	4,588.37	9	4,948.81	9		9		9		9		9		9	
1/4	3,873.18	1/4	4,234.54	1/4	4,595.90	1/4	4,956.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,880.71	1/2	4,242.07	1/2	4,603.43	1/2	4,963.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,888.24	3/4	4,249.60	3/4	4,610.96	3/4	4,971.31	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,895.77	10	4,257.13	10	4,618.49	10	4,978.81	10		10		10		10		10		10	
1/4	3,903.30	1/4	4,264.66	1/4	4,626.01	1/4	4,986.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,910.83	1/2	4,272.18	1/2	4,633.54	1/2	4,993.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,918.35	3/4	4,279.71	3/4	4,641.07	3/4	5,001.32	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,925.88	11	4,287.24	11	4,648.60	11	5,008.82	11		11		11		11		11		11	
1/4	3,933.41	1/4	4,294.77	1/4	4,656.13	1/4	5,016.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,940.94	1/2	4,302.30	1/2	4,663.66	1/2	5,023.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,948.47	3/4	4,309.83	3/4	4,671.18	3/4	5,031.13	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/12/2012 SW
CALCULATED: 10/12/2012 CL
PRINTED: 10/12/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2012

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



BARGE "CBC 369"

3 PORT
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 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	21.22	0	356.29	0	716.04	0	1,075.58	0	1,435.18	0	1,794.94	0	2,154.67	0	2,514.34	0	2,873.83	0	3,232.43
1/4	25.44	1/4	363.79	1/4	723.53	1/4	1,083.07	1/4	1,442.67	1/4	1,802.43	1/4	2,162.16	1/4	2,521.84	1/4	2,881.31	1/4	3,239.88
1/2	29.65	1/2	371.28	1/2	731.03	1/2	1,090.55	1/2	1,450.17	1/2	1,809.93	1/2	2,169.66	1/2	2,529.33	1/2	2,888.79	1/2	3,247.32
3/4	33.87	3/4	378.78	3/4	738.52	3/4	1,098.04	3/4	1,457.66	3/4	1,817.42	3/4	2,177.15	3/4	2,536.82	3/4	2,896.27	3/4	3,254.77
1	38.08	1	386.27	1	746.02	1	1,105.53	1	1,465.16	1	1,824.92	1	2,184.64	1	2,544.32	1	2,903.75	1	3,262.21
1/4	43.55	1/4	393.77	1/4	753.51	1/4	1,113.01	1/4	1,472.65	1/4	1,832.41	1/4	2,192.14	1/4	2,551.81	1/4	2,911.23	1/4	3,269.66
1/2	49.01	1/2	401.26	1/2	761.01	1/2	1,120.50	1/2	1,480.15	1/2	1,839.91	1/2	2,199.63	1/2	2,559.30	1/2	2,918.71	1/2	3,277.10
3/4	54.48	3/4	408.75	3/4	768.50	3/4	1,127.98	3/4	1,487.64	3/4	1,847.40	3/4	2,207.12	3/4	2,566.80	3/4	2,926.18	3/4	3,284.55
2	59.94	2	416.25	2	776.99	2	1,135.47	2	1,495.14	2	1,854.90	2	2,214.62	2	2,574.29	2	2,933.66	2	3,291.99
1/4	66.65	1/4	423.74	1/4	783.49	1/4	1,142.95	1/4	1,502.63	1/4	1,862.39	1/4	2,222.11	1/4	2,581.78	1/4	2,941.14	1/4	3,299.44
1/2	73.37	1/2	431.24	1/2	790.98	1/2	1,150.44	1/2	1,510.13	1/2	1,869.89	1/2	2,229.60	1/2	2,589.28	1/2	2,948.62	1/2	3,306.88
3/4	80.08	3/4	438.73	3/4	798.48	3/4	1,157.92	3/4	1,517.62	3/4	1,877.38	3/4	2,237.10	3/4	2,596.77	3/4	2,956.10	3/4	3,314.33
3	86.79	3	446.23	3	805.97	3	1,165.41	3	1,525.12	3	1,884.88	3	2,244.59	3	2,604.26	3	2,963.58	3	3,321.77
1/4	94.21	1/4	453.72	1/4	813.47	1/4	1,172.90	1/4	1,532.61	1/4	1,892.37	1/4	2,252.08	1/4	2,611.75	1/4	2,971.06	1/4	3,329.23
1/2	101.63	1/2	461.22	1/2	820.96	1/2	1,180.38	1/2	1,540.11	1/2	1,899.87	1/2	2,259.58	1/2	2,619.25	1/2	2,978.54	1/2	3,336.69
3/4	109.04	3/4	468.71	3/4	828.46	3/4	1,187.87	3/4	1,547.60	3/4	1,907.36	3/4	2,267.07	3/4	2,626.74	3/4	2,986.02	3/4	3,344.15
4	116.46	4	476.21	4	835.95	4	1,195.35	4	1,555.10	4	1,914.86	4	2,274.56	4	2,634.23	4	2,993.50	4	3,351.61
1/4	123.96	1/4	483.70	1/4	843.45	1/4	1,202.84	1/4	1,562.59	1/4	1,922.35	1/4	2,282.05	1/4	2,641.72	1/4	3,000.98	1/4	3,359.07
1/2	131.45	1/2	491.20	1/2	850.94	1/2	1,210.33	1/2	1,570.09	1/2	1,929.85	1/2	2,289.55	1/2	2,649.22	1/2	3,008.46	1/2	3,366.53
3/4	138.95	3/4	498.69	3/4	858.44	3/4	1,217.83	3/4	1,577.58	3/4	1,937.34	3/4	2,297.04	3/4	2,656.71	3/4	3,015.93	3/4	3,373.99
5	146.44	5	506.19	5	865.93	5	1,225.32	5	1,585.08	5	1,944.84	5	2,304.53	5	2,664.20	5	3,023.41	5	3,381.45
1/4	153.93	1/4	513.68	1/4	873.43	1/4	1,232.81	1/4	1,592.57	1/4	1,952.33	1/4	2,312.03	1/4	2,671.69	1/4	3,030.89	1/4	3,388.91
1/2	161.43	1/2	521.18	1/2	880.92	1/2	1,240.31	1/2	1,600.07	1/2	1,959.83	1/2	2,319.52	1/2	2,679.18	1/2	3,038.37	1/2	3,396.37
3/4	168.92	3/4	528.67	3/4	888.42	3/4	1,247.80	3/4	1,607.56	3/4	1,967.32	3/4	2,327.01	3/4	2,686.67	3/4	3,045.85	3/4	3,403.83
6	176.42	6	536.16	6	895.91	6	1,255.30	6	1,615.06	6	1,974.82	6	2,334.51	6	2,694.17	6	3,053.33	6	3,411.29
1/4	183.91	1/4	543.66	1/4	903.40	1/4	1,262.79	1/4	1,622.55	1/4	1,982.31	1/4	2,342.00	1/4	2,701.66	1/4	3,060.81	1/4	3,418.75
1/2	191.41	1/2	551.15	1/2	910.89	1/2	1,270.29	1/2	1,630.05	1/2	1,989.81	1/2	2,349.49	1/2	2,709.15	1/2	3,068.29	1/2	3,426.21
3/4	198.90	3/4	558.65	3/4	918.38	3/4	1,277.78	3/4	1,637.54	3/4	1,997.30	3/4	2,356.99	3/4	2,716.64	3/4	3,075.77	3/4	3,433.67
7	206.40	7	566.14	7	925.87	7	1,285.28	7	1,645.04	7	2,004.80	7	2,364.48	7	2,724.13	7	3,083.25	7	3,441.13
1/4	213.89	1/4	573.64	1/4	933.36	1/4	1,292.77	1/4	1,652.53	1/4	2,012.29	1/4	2,371.97	1/4	2,731.63	1/4	3,090.73	1/4	3,448.59
1/2	221.39	1/2	581.13	1/2	940.84	1/2	1,300.27	1/2	1,660.03	1/2	2,019.79	1/2	2,379.47	1/2	2,739.12	1/2	3,098.20	1/2	3,456.05
3/4	228.88	3/4	588.63	3/4	948.33	3/4	1,307.76	3/4	1,667.52	3/4	2,027.28	3/4	2,386.96	3/4	2,746.61	3/4	3,105.68	3/4	3,463.51
8	236.38	8	596.12	8	955.81	8	1,315.26	8	1,675.02	8	2,034.78	8	2,394.45	8	2,754.10	8	3,113.16	8	3,470.98
1/4	243.87	1/4	603.62	1/4	963.30	1/4	1,322.75	1/4	1,682.51	1/4	2,042.27	1/4	2,401.95	1/4	2,761.59	1/4	3,120.64	1/4	3,478.44
1/2	251.37	1/2	611.11	1/2	970.78	1/2	1,330.25	1/2	1,690.01	1/2	2,049.76	1/2	2,409.44	1/2	2,769.09	1/2	3,128.12	1/2	3,485.90
3/4	258.86	3/4	618.61	3/4	978.27	3/4	1,337.74	3/4	1,697.50	3/4	2,057.26	3/4	2,416.93	3/4	2,776.58	3/4	3,135.60	3/4	3,493.36
9	266.36	9	626.10	9	985.76	9	1,345.24	9	1,705.00	9	2,064.75	9	2,424.43	9	2,784.07	9	3,143.08	9	3,500.82
1/4	273.85	1/4	633.60	1/4	993.24	1/4	1,352.73	1/4	1,712.49	1/4	2,072.25	1/4	2,431.92	1/4	2,791.56	1/4	3,150.53	1/4	3,508.28
1/2	281.34	1/2	641.09	1/2	1,000.73	1/2	1,360.23	1/2	1,719.99	1/2	2,079.74	1/2	2,439.41	1/2	2,799.04	1/2	3,157.98	1/2	3,509.74
3/4	288.84	3/4	648.59	3/4	1,008.21	3/4	1,367.72	3/4	1,727.48	3/4	2,087.23	3/4	2,446.91	3/4	2,806.52	3/4	3,165.43	3/4	3,514.20
10	296.33	10	656.08	10	1,015.70	10	1,375.22	10	1,734.98	10	2,094.72	10	2,454.40	10	2,814.00	10	3,172.87	10	3,518.66
1/4	303.83	1/4	663.57	1/4	1,023.18	1/4	1,382.71	1/4	1,742.47	1/4	2,102.22	1/4	2,461.89	1/4	2,821.48	1/4	3,180.32	1/4	3,522.69
1/2	311.32	1/2	671.07	1/2	1,030.67	1/2	1,390.21	1/2	1,749.97	1/2	2,109.71	1/2	2,469.38	1/2	2,828.96	1/2	3,187.76	1/2	3,526.73
3/4	318.82	3/4	678.56	3/4	1,038.15	3/4	1,397.70	3/4	1,757.46	3/4	2,117.20	3/4	2,476.88	3/4	2,836.44	3/4	3,195.21	3/4	3,530.76
11	326.31	11	686.06	11	1,045.64	11	1,405.20	11	1,764.96	11	2,124.70	11	2,484.37	11	2,843.91	11	3,202.65	11	3,534.79
1/4	333.81	1/4	693.55	1/4	1,053.13	1/4	1,412.69	1/4	1,772.45	1/4	2,132.19	1/4	2,491.86	1/4	2,851.39	1/4	3,210.10	1/4	3,538.82
1/2	341.30	1/2	701.05	1/2	1,060.61	1/2	1,420.19	1/2	1,779.95	1/2	2,139.68	1/2	2,499.36	1/2	2,858.87	1/2	3,217.54	1/2	3,542.86
3/4	348.80	3/4	708.54	3/4	1,068.10	3/4	1,427.68	3/4	1,787.44	3/4	2,147.18	3/4	2,506.85	3/4	2,866.35	3/4	3,224.99	3/4	3,546.89

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 "HERMETIC" CLOSED GAUGING VALVE.
GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 95'-00" FORWARD OF AFT BULKHEAD.

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





BARGE "CBC 369"

3 PORT
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 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	3,550.92	0	3,744.49	0	3,938.06	0	4,131.62	0	4,324.40	0		0		0		0		0	
1/4	3,554.95	1/4	3,748.52	1/4	3,942.08	1/4	4,135.65	1/4	4,328.38	1/4		1/4		1/4		1/4		1/4	
1/2	3,558.99	1/2	3,752.55	1/2	3,946.12	1/2	4,139.68	1/2	4,332.36	1/2		1/2		1/2		1/2		1/2	
3/4	3,563.02	3/4	3,756.58	3/4	3,950.15	3/4	4,143.71	3/4	4,336.34	3/4		3/4		3/4		3/4		3/4	
1	3,567.05	1	3,760.62	1	3,954.18	1	4,147.75	1	4,340.32	1		1		1		1		1	
1/4	3,571.08	1/4	3,764.65	1/4	3,958.21	1/4	4,151.78	1/4	4,344.30	1/4		1/4		1/4		1/4		1/4	
1/2	3,575.12	1/2	3,768.68	1/2	3,962.25	1/2	4,155.78	1/2	4,348.28	1/2		1/2		1/2		1/2		1/2	
3/4	3,579.15	3/4	3,772.71	3/4	3,966.28	3/4	4,159.80	3/4	4,352.26	3/4		3/4		3/4		3/4		3/4	
2	3,583.18	2	3,776.75	2	3,970.31	2	4,163.82	2	4,356.24	2		2		2		2		2	
1/4	3,587.21	1/4	3,780.78	1/4	3,974.34	1/4	4,167.83	1/4	4,360.22	1/4		1/4		1/4		1/4		1/4	
1/2	3,591.25	1/2	3,784.81	1/2	3,978.38	1/2	4,171.85	1/2	4,364.20	1/2		1/2		1/2		1/2		1/2	
3/4	3,595.28	3/4	3,788.84	3/4	3,982.41	3/4	4,175.87	3/4	4,368.18	3/4		3/4		3/4		3/4		3/4	
3	3,599.31	3	3,792.88	3	3,986.44	3	4,179.89	3	4,372.16	3		3		3		3		3	
1/4	3,603.35	1/4	3,796.91	1/4	3,990.47	1/4	4,183.91	1/4	4,376.14	1/4		1/4		1/4		1/4		1/4	
1/2	3,607.38	1/2	3,800.94	1/2	3,994.51	1/2	4,187.92	1/2	4,380.12	1/2		1/2		1/2		1/2		1/2	
3/4	3,611.41	3/4	3,804.98	3/4	3,998.54	3/4	4,191.94	3/4	4,384.10	3/4		3/4		3/4		3/4		3/4	
4	3,615.44	4	3,809.01	4	4,002.57	4	4,195.96	4	4,388.07	4		4		4		4		4	
1/4	3,619.48	1/4	3,813.04	1/4	4,006.61	1/4	4,199.98	1/4	4,392.05	1/4		1/4		1/4		1/4		1/4	
1/2	3,623.51	1/2	3,817.07	1/2	4,010.64	1/2	4,204.00	1/2	4,396.03	1/2		1/2		1/2		1/2		1/2	
3/4	3,627.54	3/4	3,821.11	3/4	4,014.67	3/4	4,208.01	3/4	4,400.01	3/4		3/4		3/4		3/4		3/4	
5	3,631.57	5	3,825.14	5	4,018.70	5	4,212.03	5	4,403.99	5		5		5		5		5	
1/4	3,635.61	1/4	3,829.17	1/4	4,022.74	1/4	4,216.05	1/4	4,407.43	1/4		1/4		1/4		1/4		1/4	
1/2	3,639.64	1/2	3,833.20	1/2	4,026.77	1/2	4,220.07	1/2	4,410.86	1/2		1/2		1/2		1/2		1/2	
3/4	3,643.67	3/4	3,837.24	3/4	4,030.80	3/4	4,224.09	3/4	4,414.29	3/4		3/4		3/4		3/4		3/4	
6	3,647.70	6	3,841.27	6	4,034.83	6	4,228.10	6	4,417.73	6		6		6		6		6	
1/4	3,651.74	1/4	3,845.30	1/4	4,038.87	1/4	4,232.12	1/4	4,419.99	1/4		1/4		1/4		1/4		1/4	
1/2	3,655.77	1/2	3,849.33	1/2	4,042.90	1/2	4,236.14	1/2	4,422.25	1/2		1/2		1/2		1/2		1/2	
3/4	3,659.80	3/4	3,853.37	3/4	4,046.93	3/4	4,240.16	3/4	4,424.52	3/4		3/4		3/4		3/4		3/4	
7	3,663.83	7	3,857.40	7	4,050.96	7	4,244.18	7	4,426.78	7		7		7		7		7	
1/4	3,667.87	1/4	3,861.43	1/4	4,055.00	1/4	4,248.19	1/4	4,427.80	1/4		1/4		1/4		1/4		1/4	
1/2	3,671.90	1/2	3,865.46	1/2	4,059.03	1/2	4,252.21	1/2	4,428.83	1/2		1/2		1/2		1/2		1/2	
3/4	3,675.93	3/4	3,869.50	3/4	4,063.06	3/4	4,256.23	3/4	4,429.86	3/4		3/4		3/4		3/4		3/4	
8	3,679.96	8	3,873.53	8	4,067.09	8	4,260.25	8	4,430.88	8		8		8		8		8	
1/4	3,684.00	1/4	3,877.56	1/4	4,071.13	1/4	4,264.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,688.03	1/2	3,881.59	1/2	4,075.16	1/2	4,268.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,692.06	3/4	3,885.63	3/4	4,079.19	3/4	4,272.30	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,696.09	9	3,889.66	9	4,083.22	9	4,276.32	9		9		9		9		9		9	
1/4	3,700.13	1/4	3,893.69	1/4	4,087.26	1/4	4,280.34	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,704.16	1/2	3,897.72	1/2	4,091.29	1/2	4,284.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,708.19	3/4	3,901.76	3/4	4,095.32	3/4	4,288.37	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,712.23	10	3,905.79	10	4,099.35	10	4,292.39	10		10		10		10		10		10	
1/4	3,716.26	1/4	3,909.82	1/4	4,103.39	1/4	4,296.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,720.29	1/2	3,913.86	1/2	4,107.42	1/2	4,300.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,724.32	3/4	3,917.89	3/4	4,111.45	3/4	4,304.45	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,728.36	11	3,921.92	11	4,115.49	11	4,308.46	11		11		11		11		11		11	
1/4	3,732.39	1/4	3,925.95	1/4	4,119.52	1/4	4,312.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,736.42	1/2	3,929.99	1/2	4,123.55	1/2	4,316.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,740.45	3/4	3,934.02	3/4	4,127.58	3/4	4,320.42	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/12/2012 SW
CALCULATED: 10/12/2012 CL
PRINTED: 10/12/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/12/2012

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



BARGE "CBC 369"

3 STBD
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09"

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	21.23	0	355.86	0	715.13	0	1,062.86	0	1,415.55	0	1,774.20	0	2,133.35	0	2,492.44	0	2,851.34	0	3,209.18
1/4	25.44	1/4	363.34	1/4	722.62	1/4	1,070.01	1/4	1,422.98	1/4	1,781.59	1/4	2,140.83	1/4	2,499.92	1/4	2,858.81	1/4	3,216.61
1/2	29.66	1/2	370.83	1/2	730.10	1/2	1,077.16	1/2	1,430.40	1/2	1,789.17	1/2	2,148.32	1/2	2,507.40	1/2	2,866.28	1/2	3,224.05
3/4	33.88	3/4	378.31	3/4	737.59	3/4	1,084.31	3/4	1,437.82	3/4	1,796.65	3/4	2,155.80	3/4	2,514.88	3/4	2,873.74	3/4	3,231.48
1	38.09	1	385.80	1	745.07	1	1,091.45	1	1,445.24	1	1,804.14	1	2,163.28	1	2,522.37	1	2,881.21	1	3,238.91
1/4	43.55	1/4	393.28	1/4	752.56	1/4	1,098.60	1/4	1,452.66	1/4	1,811.62	1/4	2,170.76	1/4	2,529.85	1/4	2,888.67	1/4	3,246.34
1/2	49.00	1/2	400.77	1/2	760.04	1/2	1,105.75	1/2	1,460.08	1/2	1,819.10	1/2	2,178.24	1/2	2,537.33	1/2	2,896.13	1/2	3,253.78
3/4	54.46	3/4	408.25	3/4	767.53	3/4	1,112.90	3/4	1,467.50	3/4	1,826.58	3/4	2,185.72	3/4	2,544.81	3/4	2,903.59	3/4	3,261.21
2	59.92	2	415.74	2	775.01	2	1,120.04	2	1,474.92	2	1,834.07	2	2,193.20	2	2,552.29	2	2,911.05	2	3,268.64
1/4	66.61	1/4	423.22	1/4	782.50	1/4	1,127.19	1/4	1,482.40	1/4	1,841.55	1/4	2,200.68	1/4	2,559.77	1/4	2,918.51	1/4	3,276.08
1/2	73.31	1/2	430.71	1/2	789.98	1/2	1,134.34	1/2	1,489.87	1/2	1,849.03	1/2	2,208.16	1/2	2,567.25	1/2	2,925.97	1/2	3,283.51
3/4	80.00	3/4	438.19	3/4	797.47	3/4	1,141.49	3/4	1,497.35	3/4	1,856.52	3/4	2,215.64	3/4	2,574.73	3/4	2,933.43	3/4	3,290.94
3	86.69	3	445.68	3	804.95	3	1,148.63	3	1,504.82	3	1,864.00	3	2,223.13	3	2,582.21	3	2,940.89	3	3,298.37
1/4	94.10	1/4	453.16	1/4	812.19	1/4	1,156.03	1/4	1,512.31	1/4	1,871.48	1/4	2,230.61	1/4	2,589.69	1/4	2,948.35	1/4	3,305.82
1/2	101.51	1/2	460.65	1/2	819.43	1/2	1,163.43	1/2	1,519.79	1/2	1,878.96	1/2	2,238.09	1/2	2,597.17	1/2	2,955.81	1/2	3,313.27
3/4	108.91	3/4	468.13	3/4	826.66	3/4	1,170.82	3/4	1,527.27	3/4	1,886.46	3/4	2,245.57	3/4	2,604.65	3/4	2,963.27	3/4	3,320.71
4	116.32	4	475.62	4	833.90	4	1,178.22	4	1,534.76	4	1,893.93	4	2,253.05	4	2,612.13	4	2,970.73	4	3,328.16
1/4	123.81	1/4	483.10	1/4	841.08	1/4	1,185.62	1/4	1,542.24	1/4	1,901.41	1/4	2,260.53	1/4	2,619.61	1/4	2,978.19	1/4	3,335.61
1/2	131.30	1/2	490.59	1/2	848.25	1/2	1,193.03	1/2	1,549.72	1/2	1,908.90	1/2	2,268.01	1/2	2,627.09	1/2	2,985.65	1/2	3,343.05
3/4	138.79	3/4	498.07	3/4	855.43	3/4	1,200.43	3/4	1,557.20	3/4	1,916.38	3/4	2,275.49	3/4	2,634.57	3/4	2,993.11	3/4	3,350.50
5	146.28	5	505.56	5	862.61	5	1,207.84	5	1,564.69	5	1,923.86	5	2,282.97	5	2,642.05	5	3,000.57	5	3,357.95
1/4	153.77	1/4	513.04	1/4	869.78	1/4	1,215.24	1/4	1,572.17	1/4	1,931.34	1/4	2,290.45	1/4	2,649.53	1/4	3,008.03	1/4	3,365.40
1/2	161.25	1/2	520.53	1/2	876.95	1/2	1,222.65	1/2	1,579.65	1/2	1,938.83	1/2	2,297.94	1/2	2,657.01	1/2	3,015.48	1/2	3,372.85
3/4	168.74	3/4	528.01	3/4	884.13	3/4	1,230.05	3/4	1,587.13	3/4	1,946.31	3/4	2,305.42	3/4	2,664.49	3/4	3,022.94	3/4	3,380.30
6	176.22	6	535.50	6	891.30	6	1,237.46	6	1,594.62	6	1,953.79	6	2,312.90	6	2,671.97	6	3,030.40	6	3,387.74
1/4	183.71	1/4	542.98	1/4	898.45	1/4	1,244.88	1/4	1,602.10	1/4	1,961.27	1/4	2,320.38	1/4	2,679.45	1/4	3,037.86	1/4	3,395.19
1/2	191.19	1/2	550.47	1/2	905.60	1/2	1,252.29	1/2	1,609.58	1/2	1,968.76	1/2	2,327.86	1/2	2,686.93	1/2	3,045.32	1/2	3,402.64
3/4	198.68	3/4	557.95	3/4	912.76	3/4	1,259.71	3/4	1,617.07	3/4	1,976.24	3/4	2,335.34	3/4	2,694.41	3/4	3,052.78	3/4	3,410.09
7	206.16	7	565.44	7	919.91	7	1,267.13	7	1,624.55	7	1,983.72	7	2,342.82	7	2,701.89	7	3,060.24	7	3,417.54
1/4	213.65	1/4	572.92	1/4	927.06	1/4	1,274.55	1/4	1,632.03	1/4	1,991.21	1/4	2,350.30	1/4	2,709.37	1/4	3,067.71	1/4	3,424.99
1/2	221.13	1/2	580.41	1/2	934.21	1/2	1,281.97	1/2	1,639.51	1/2	1,998.69	1/2	2,357.78	1/2	2,716.85	1/2	3,075.17	1/2	3,432.43
3/4	228.62	3/4	587.89	3/4	941.35	3/4	1,289.40	3/4	1,647.00	3/4	2,006.17	3/4	2,365.26	3/4	2,724.33	3/4	3,082.64	3/4	3,439.88
8	236.10	8	595.38	8	948.50	8	1,296.82	8	1,654.48	8	2,013.65	8	2,372.75	8	2,731.81	8	3,090.10	8	3,447.33
1/4	243.59	1/4	602.86	1/4	955.65	1/4	1,304.24	1/4	1,661.96	1/4	2,021.14	1/4	2,380.23	1/4	2,739.29	1/4	3,097.57	1/4	3,454.78
1/2	251.07	1/2	610.35	1/2	962.80	1/2	1,311.66	1/2	1,669.45	1/2	2,028.62	1/2	2,387.71	1/2	2,746.77	1/2	3,105.04	1/2	3,462.23
3/4	258.56	3/4	617.83	3/4	969.95	3/4	1,319.08	3/4	1,676.93	3/4	2,036.10	3/4	2,395.19	3/4	2,754.25	3/4	3,112.50	3/4	3,469.67
9	266.04	9	625.32	9	977.09	9	1,326.50	9	1,684.41	9	2,043.58	9	2,402.67	9	2,761.73	9	3,119.97	9	3,477.12
1/4	273.53	1/4	632.80	1/4	984.24	1/4	1,333.92	1/4	1,691.89	1/4	2,051.06	1/4	2,410.15	1/4	2,769.20	1/4	3,127.41	1/4	3,484.57
1/2	281.01	1/2	640.29	1/2	991.39	1/2	1,341.34	1/2	1,699.38	1/2	2,058.54	1/2	2,417.63	1/2	2,776.67	1/2	3,134.85	1/2	3,486.02
3/4	288.50	3/4	647.77	3/4	998.54	3/4	1,348.76	3/4	1,706.86	3/4	2,066.02	3/4	2,425.11	3/4	2,784.14	3/4	3,142.28	3/4	3,490.47
10	295.98	10	655.26	10	1,005.68	10	1,356.19	10	1,714.34	10	2,073.51	10	2,432.59	10	2,791.61	10	3,149.72	10	3,494.92
1/4	303.47	1/4	662.74	1/4	1,012.83	1/4	1,363.61	1/4	1,721.83	1/4	2,080.99	1/4	2,440.07	1/4	2,799.08	1/4	3,157.15	1/4	3,498.94
1/2	310.95	1/2	670.23	1/2	1,019.98	1/2	1,371.03	1/2	1,729.31	1/2	2,088.47	1/2	2,447.56	1/2	2,806.54	1/2	3,164.58	1/2	3,502.95
3/4	318.44	3/4	677.71	3/4	1,027.13	3/4	1,378.45	3/4	1,736.79	3/4	2,095.95	3/4	2,455.04	3/4	2,814.01	3/4	3,172.02	3/4	3,506.97
11	325.92	11	685.20	11	1,034.27	11	1,385.87	11	1,744.27	11	2,103.43	11	2,462.52	11	2,821.48	11	3,179.45	11	3,510.99
1/4	333.40	1/4	692.68	1/4	1,041.42	1/4	1,393.29	1/4	1,751.76	1/4	2,110.91	1/4	2,470.00	1/4	2,828.94	1/4	3,186.88	1/4	3,515.01
1/2	340.89	1/2	700.17	1/2	1,048.57	1/2	1,400.71	1/2	1,759.24	1/2	2,118.39	1/2	2,477.48	1/2	2,836.41	1/2	3,194.32	1/2	3,519.03
3/4	348.37	3/4	707.65	3/4	1,055.72	3/4	1,408.13	3/4	1,766.72	3/4	2,125.87	3/4	2,484.96	3/4	2,843.88	3/4	3,201.75	3/4	3,523.05

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 "HERMETIC" CLOSED GAUGING VALVE.
GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 369"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09"

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	3,527.07	0	3,720.01	0	3,912.94	0	4,105.88	0	4,298.05	0		0		0		0		0	
1/4	3,531.09	1/4	3,724.03	1/4	3,916.96	1/4	4,109.90	1/4	4,302.02	1/4		1/4		1/4		1/4		1/4	
1/2	3,535.11	1/2	3,728.05	1/2	3,920.98	1/2	4,113.92	1/2	4,305.98	1/2		1/2		1/2		1/2		1/2	
3/4	3,539.13	3/4	3,732.07	3/4	3,925.00	3/4	4,117.94	3/4	4,309.95	3/4		3/4		3/4		3/4		3/4	
1	3,543.15	1	3,736.09	1	3,929.02	1	4,121.96	1	4,313.92	1		1		1		1		1	
1/4	3,547.17	1/4	3,740.11	1/4	3,933.04	1/4	4,125.96	1/4	4,317.88	1/4		1/4		1/4		1/4		1/4	
1/2	3,551.19	1/2	3,744.12	1/2	3,937.06	1/2	4,129.97	1/2	4,321.85	1/2		1/2		1/2		1/2		1/2	
3/4	3,555.21	3/4	3,748.14	3/4	3,941.08	3/4	4,133.98	3/4	4,325.82	3/4		3/4		3/4		3/4		3/4	
2	3,559.23	2	3,752.16	2	3,945.10	2	4,137.99	2	4,329.78	2		2		2		2		2	
1/4	3,563.25	1/4	3,756.18	1/4	3,949.12	1/4	4,141.99	1/4	4,333.75	1/4		1/4		1/4		1/4		1/4	
1/2	3,567.27	1/2	3,760.20	1/2	3,953.14	1/2	4,146.00	1/2	4,337.72	1/2		1/2		1/2		1/2		1/2	
3/4	3,571.29	3/4	3,764.22	3/4	3,957.16	3/4	4,150.00	3/4	4,341.68	3/4		3/4		3/4		3/4		3/4	
3	3,575.31	3	3,768.24	3	3,961.18	3	4,154.01	3	4,345.65	3		3		3		3		3	
1/4	3,579.33	1/4	3,772.26	1/4	3,965.20	1/4	4,158.01	1/4	4,349.62	1/4		1/4		1/4		1/4		1/4	
1/2	3,583.34	1/2	3,776.28	1/2	3,969.22	1/2	4,162.02	1/2	4,353.58	1/2		1/2		1/2		1/2		1/2	
3/4	3,587.36	3/4	3,780.30	3/4	3,973.24	3/4	4,166.02	3/4	4,357.55	3/4		3/4		3/4		3/4		3/4	
4	3,591.38	4	3,784.32	4	3,977.26	4	4,170.03	4	4,361.52	4		4		4		4		4	
1/4	3,595.40	1/4	3,788.34	1/4	3,981.28	1/4	4,174.03	1/4	4,365.48	1/4		1/4		1/4		1/4		1/4	
1/2	3,599.42	1/2	3,792.36	1/2	3,985.29	1/2	4,178.04	1/2	4,369.45	1/2		1/2		1/2		1/2		1/2	
3/4	3,603.44	3/4	3,796.38	3/4	3,989.31	3/4	4,182.04	3/4	4,373.42	3/4		3/4		3/4		3/4		3/4	
5	3,607.46	5	3,800.40	5	3,993.33	5	4,186.05	5	4,377.38	5		5		5		5		5	
1/4	3,611.48	1/4	3,804.42	1/4	3,997.35	1/4	4,190.05	1/4	4,380.80	1/4		1/4		1/4		1/4		1/4	
1/2	3,615.50	1/2	3,808.44	1/2	4,001.37	1/2	4,194.06	1/2	4,384.22	1/2		1/2		1/2		1/2		1/2	
3/4	3,619.52	3/4	3,812.46	3/4	4,005.39	3/4	4,198.06	3/4	4,387.64	3/4		3/4		3/4		3/4		3/4	
6	3,623.54	6	3,816.48	6	4,009.41	6	4,202.07	6	4,391.06	6		6		6		6		6	
1/4	3,627.56	1/4	3,820.50	1/4	4,013.43	1/4	4,206.07	1/4	4,393.31	1/4		1/4		1/4		1/4		1/4	
1/2	3,631.58	1/2	3,824.51	1/2	4,017.45	1/2	4,210.08	1/2	4,395.56	1/2		1/2		1/2		1/2		1/2	
3/4	3,635.60	3/4	3,828.53	3/4	4,021.47	3/4	4,214.08	3/4	4,397.81	3/4		3/4		3/4		3/4		3/4	
7	3,639.62	7	3,832.55	7	4,025.49	7	4,218.08	7	4,400.06	7		7		7		7		7	
1/4	3,643.64	1/4	3,836.57	1/4	4,029.51	1/4	4,222.09	1/4	4,401.07	1/4		1/4		1/4		1/4		1/4	
1/2	3,647.66	1/2	3,840.59	1/2	4,033.53	1/2	4,226.09	1/2	4,402.09	1/2		1/2		1/2		1/2		1/2	
3/4	3,651.68	3/4	3,844.61	3/4	4,037.55	3/4	4,230.10	3/4	4,403.10	3/4		3/4		3/4		3/4		3/4	
8	3,655.70	8	3,848.63	8	4,041.57	8	4,234.10	8	4,404.11	8		8		8		8		8	
1/4	3,659.72	1/4	3,852.65	1/4	4,045.59	1/4	4,238.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,663.73	1/2	3,856.67	1/2	4,049.61	1/2	4,242.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,667.75	3/4	3,860.69	3/4	4,053.63	3/4	4,246.12	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,671.77	9	3,864.71	9	4,057.65	9	4,250.12	9		9		9		9		9		9	
1/4	3,675.79	1/4	3,868.73	1/4	4,061.67	1/4	4,254.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,679.81	1/2	3,872.75	1/2	4,065.68	1/2	4,258.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,683.83	3/4	3,876.77	3/4	4,069.70	3/4	4,262.14	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,687.85	10	3,880.79	10	4,073.72	10	4,266.14	10		10		10		10		10		10	
1/4	3,691.87	1/4	3,884.81	1/4	4,077.74	1/4	4,270.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,695.89	1/2	3,888.83	1/2	4,081.76	1/2	4,274.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,699.91	3/4	3,892.85	3/4	4,085.78	3/4	4,278.16	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,703.93	11	3,896.87	11	4,089.80	11	4,282.16	11		11		11		11		11		11	
1/4	3,707.95	1/4	3,900.89	1/4	4,093.82	1/4	4,286.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,711.97	1/2	3,904.90	1/2	4,097.84	1/2	4,290.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,715.99	3/4	3,908.92	3/4	4,101.86	3/4	4,294.08	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/12/2012 SW
CALCULATED: 10/12/2012 CL
PRINTED: 10/12/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2012

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