



# BARGE "CBC 337"

## ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	- 00-1/2	00-1/2	- 00-7/8	00-7/8	- 01-3/8	01-3/8	- 01-7/8	01-7/8	- 02-1/4	02-1/4	- 02-3/4	02-3/4
1 STBD	- 00-1/2	00-1/2	- 00-7/8	00-7/8	- 01-3/8	01-3/8	- 01-7/8	01-7/8	- 02-1/4	02-1/4	- 02-3/4	02-3/4
2 PORT	- 00-3/8	00-3/8	- 00-7/8	00-7/8	- 01-1/4	01-1/4	- 01-5/8	01-5/8	- 02-0/8	02-0/8	- 02-1/2	02-1/2
2 STBD	- 00-3/8	00-3/8	- 00-7/8	00-7/8	- 01-1/4	01-1/4	- 01-5/8	01-5/8	- 02-0/8	02-0/8	- 02-1/2	02-1/2
3 PORT	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8
3 STBD	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

**EXAMPLE FOR ABOVE TRIM CORRECTIONS:**

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

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

LENGTH BETWEEN DRAFT MARKS: 263'-06"

June 18, 2012

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 337"

# 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-00 3/4"

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	
0		0		0	4,505.37	0	4,146.02	0	3,770.16	0	3,394.29	0	3,018.42	0	2,642.55	0	2,266.67	0	1,890.80
1/4	1/4	1/4	1/4	1/4	4,500.15	1/4	4,138.19	1/4	3,762.33	1/4	3,386.45	1/4	3,010.59	1/4	2,634.71	1/4	2,258.83	1/4	1,882.97
1/2	1/2	1/2	1/2	1/2	4,494.93	1/2	4,130.36	1/2	3,754.50	1/2	3,378.62	1/2	3,002.76	1/2	2,626.88	1/2	2,251.00	1/2	1,875.14
3/4	3/4	3/4	3/4	3/4	4,488.84	3/4	4,122.53	3/4	3,746.67	3/4	3,370.79	3/4	2,994.93	3/4	2,619.05	3/4	2,243.17	3/4	1,867.31
1		1		1	4,482.75	1	4,114.70	1	3,738.83	1	3,362.96	1	2,987.10	1	2,611.21	1	2,235.35	1	1,859.48
1/4	1/4	1/4	1/4	1/4	4,476.66	1/4	4,106.88	1/4	3,731.00	1/4	3,355.14	1/4	2,979.26	1/4	2,603.38	1/4	2,227.52	1/4	1,851.64
1/2	1/2	1/2	1/2	1/2	4,470.57	1/2	4,099.05	1/2	3,723.17	1/2	3,347.31	1/2	2,971.43	1/2	2,595.55	1/2	2,219.69	1/2	1,843.81
3/4	3/4	3/4	3/4	3/4	4,463.61	3/4	4,091.21	3/4	3,715.34	3/4	3,339.48	3/4	2,963.60	3/4	2,587.72	3/4	2,211.86	3/4	1,835.98
2		2		2	4,456.64	2	4,083.38	2	3,707.51	2	3,331.64	2	2,955.76	2	2,579.89	2	2,204.02	2	1,828.16
1/4	1/4	1/4	1/4	1/4	4,449.68	1/4	4,075.55	1/4	3,699.68	1/4	3,323.81	1/4	2,947.93	1/4	2,572.07	1/4	2,196.19	1/4	1,820.33
1/2	1/2	1/2	1/2	1/2	4,442.72	1/2	4,067.72	1/2	3,691.86	1/2	3,315.98	1/2	2,940.10	1/2	2,564.24	1/2	2,188.36	1/2	1,812.50
3/4	3/4	3/4	3/4	3/4	4,435.10	3/4	4,059.89	3/4	3,684.02	3/4	3,308.14	3/4	2,932.27	3/4	2,556.41	3/4	2,180.53	3/4	1,804.67
3		3		3	4,427.49	3	4,052.06	3	3,676.19	3	3,300.31	3	2,924.44	3	2,548.57	3	2,172.70	3	1,796.83
1/4	1/4	1/4	1/4	1/4	4,419.88	1/4	4,044.23	1/4	3,668.36	1/4	3,292.48	1/4	2,916.61	1/4	2,540.74	1/4	2,164.88	1/4	1,789.00
1/2	1/2	1/2	1/2	1/2	4,412.26	1/2	4,036.41	1/2	3,660.52	1/2	3,284.64	1/2	2,908.79	1/2	2,532.91	1/2	2,157.05	1/2	1,781.17
3/4	3/4	3/4	3/4	3/4	4,404.44	3/4	4,028.57	3/4	3,652.69	3/4	3,276.82	3/4	2,900.95	3/4	2,525.08	3/4	2,149.22	3/4	1,773.34
4		4		4	4,396.61	4	4,020.74	4	3,644.86	4	3,268.99	4	2,893.12	4	2,517.25	4	2,141.38	4	1,765.51
1/4	1/4	1/4	1/4	1/4	4,388.78	1/4	4,012.91	1/4	3,637.02	1/4	3,261.16	1/4	2,885.29	1/4	2,509.42	1/4	2,133.55	1/4	1,757.69
1/2	1/2	1/2	1/2	1/2	4,380.95	1/2	4,005.07	1/2	3,629.19	1/2	3,253.33	1/2	2,877.45	1/2	2,501.60	1/2	2,125.72	1/2	1,749.86
3/4	3/4	3/4	3/4	3/4	4,373.12	3/4	3,997.24	3/4	3,621.36	3/4	3,245.50	3/4	2,869.63	3/4	2,493.76	3/4	2,117.89	3/4	1,742.02
5		5		5	4,365.29	5	3,989.42	5	3,613.54	5	3,237.67	5	2,861.80	5	2,485.93	5	2,110.06	5	1,734.19
1/4	1/4	1/4	1/4	1/4	4,357.45	1/4	3,981.59	1/4	3,605.71	1/4	3,229.83	1/4	2,853.97	1/4	2,478.10	1/4	2,102.23	1/4	1,726.36
1/2	1/2	1/2	1/2	1/2	4,349.62	1/2	3,973.76	1/2	3,597.88	1/2	3,222.00	1/2	2,846.14	1/2	2,470.26	1/2	2,094.41	1/2	1,718.52
3/4	3/4	3/4	3/4	3/4	4,341.79	3/4	3,965.93	3/4	3,590.05	3/4	3,214.17	3/4	2,838.31	3/4	2,462.44	3/4	2,086.57	3/4	1,710.70
6		6		6	4,333.96	6	3,958.10	6	3,582.21	6	3,206.35	6	2,830.48	6	2,454.61	6	2,078.74	6	1,702.87
1/4	1/4	1/4	1/4	1/4	4,326.14	1/4	3,950.26	1/4	3,574.38	1/4	3,198.52	1/4	2,822.64	1/4	2,446.78	1/4	2,070.91	1/4	1,695.04
1/2	1/2	1/2	1/2	1/2	4,318.31	1/2	3,942.43	1/2	3,566.55	1/2	3,190.69	1/2	2,814.81	1/2	2,438.95	1/2	2,063.07	1/2	1,687.21
3/4	3/4	3/4	3/4	3/4	4,310.48	3/4	3,934.60	3/4	3,558.72	3/4	3,182.86	3/4	2,806.98	3/4	2,431.12	3/4	2,055.24	3/4	1,679.38
7		7		7	4,302.64	7	3,926.76	7	3,550.89	7	3,175.02	7	2,799.16	7	2,423.29	7	2,047.42	7	1,671.55
1/4	1/4	1/4	1/4	1/4	4,294.81	1/4	3,918.93	1/4	3,543.07	1/4	3,167.19	1/4	2,791.33	1/4	2,415.45	1/4	2,039.59	1/4	1,663.71
1/2	1/2	1/2	1/2	1/2	4,286.98	1/2	3,911.10	1/2	3,535.24	1/2	3,159.36	1/2	2,783.50	1/2	2,407.62	1/2	2,031.76	1/2	1,655.88
3/4	3/4	3/4	3/4	3/4	4,279.14	3/4	3,903.27	3/4	3,527.41	3/4	3,151.53	3/4	2,775.67	3/4	2,399.79	3/4	2,023.93	3/4	1,648.05
8		8		8	4,271.31	8	3,895.44	8	3,519.57	8	3,143.70	8	2,767.83	8	2,391.96	8	2,016.10	8	1,640.21
1/4	1/4	1/4	1/4	1/4	4,263.48	1/4	3,887.61	1/4	3,511.74	1/4	3,135.88	1/4	2,760.00	1/4	2,384.14	1/4	2,008.26	1/4	1,632.38
1/2	1/2	1/2	1/2	1/2	4,255.64	1/2	3,879.79	1/2	3,503.91	1/2	3,128.05	1/2	2,752.17	1/2	2,376.31	1/2	2,000.43	1/2	1,624.55
3/4	3/4	3/4	3/4	3/4	4,247.82	3/4	3,871.95	3/4	3,496.08	3/4	3,120.22	3/4	2,744.34	3/4	2,368.48	3/4	1,992.60	3/4	1,616.72
9		9		9	4,239.99	9	3,864.12	9	3,488.25	9	3,112.38	9	2,736.51	9	2,360.64	9	1,984.76	9	1,608.89
1/4	1/4	1/4	1/4	1/4	4,232.16	1/4	3,856.29	1/4	3,480.42	1/4	3,104.55	1/4	2,728.69	1/4	2,352.81	1/4	1,976.93	1/4	1,601.07
1/2	1/2	1/2	1/2	1/2	4,224.33	1/2	3,848.45	1/2	3,472.60	1/2	3,096.72	1/2	2,720.86	1/2	2,344.98	1/2	1,969.10	1/2	1,593.24
3/4	3/4	3/4	3/4	3/4	4,216.50	3/4	3,840.63	3/4	3,464.76	3/4	3,088.89	3/4	2,713.02	3/4	2,337.14	3/4	1,961.27	3/4	1,585.41
10		10		10	4,208.67	10	3,832.80	10	3,456.93	10	3,081.06	10	2,705.19	10	2,329.31	10	1,953.44	10	1,577.57
1/4	1/4	1/4	1/4	1/4	4,200.83	1/4	3,824.97	1/4	3,449.10	1/4	3,073.23	1/4	2,697.36	1/4	2,321.48	1/4	1,945.61	1/4	1,569.74
1/2	1/2	1/2	1/2	1/2	4,193.00	1/2	3,817.14	1/2	3,441.26	1/2	3,065.41	1/2	2,689.52	1/2	2,313.64	1/2	1,937.79	1/2	1,561.91
3/4	3/4	3/4	3/4	3/4	4,185.17	3/4	3,809.31	3/4	3,433.44	3/4	3,057.57	3/4	2,681.70	3/4	2,305.82	3/4	1,929.95	3/4	1,554.08
11		11		11	4,177.35	11	3,801.48	11	3,425.61	11	3,049.74	11	2,673.87	11	2,297.99	11	1,922.12	11	1,546.25
1/4	1/4	1/4	1/4	1/4	4,169.52	1/4	3,793.64	1/4	3,417.78	1/4	3,041.91	1/4	2,666.04	1/4	2,290.16	1/4	1,914.29	1/4	1,538.42
1/2	1/2	1/2	1/2	1/2	4,161.69	1/2	3,785.81	1/2	3,409.95	1/2	3,034.07	1/2	2,658.21	1/2	2,282.33	1/2	1,906.45	1/2	1,530.60
3/4	3/4	3/4	3/4	3/4	4,153.86	3/4	3,777.98	3/4	3,402.12	3/4	3,026.24	3/4	2,650.38	3/4	2,274.50	3/4	1,898.63	3/4	1,522.76

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF THREADS ON "MMC" VALVE  
 GAUGE POINT: (MMC) LOCATED 13'-00" OFF CENTERLINE AND 34'-00" FORWARD OF AFT BULKHEAD.

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



# BARGE "CBC 337"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-00 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,514.93	0	1,139.06	0	764.55	0	390.39	0	26.02	0		0		0		0		0	
1/4	1,507.10	1/4	1,131.23	1/4	756.71	1/4	382.57	1/4	21.13	1/4		1/4		1/4		1/4		1/4	
1/2	1,499.26	1/2	1,123.41	1/2	748.88	1/2	374.74	1/2	16.24	1/2		1/2		1/2		1/2		1/2	
3/4	1,491.44	3/4	1,115.57	3/4	741.05	3/4	366.91	3/4	13.30	3/4		3/4		3/4		3/4		3/4	
1	1,483.61	1	1,107.74	1	733.23	1	359.07	1		1		1		1		1		1	
1/4	1,475.78	1/4	1,099.91	1/4	725.40	1/4	351.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,467.95	1/2	1,092.07	1/2	717.57	1/2	343.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,460.12	3/4	1,084.27	3/4	709.74	3/4	335.58	3/4		3/4		3/4		3/4		3/4		3/4	
2	1,452.29	2	1,076.48	2	701.91	2	327.75	2		2		2		2		2		2	
1/4	1,444.45	1/4	1,068.68	1/4	694.07	1/4	319.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,436.62	1/2	1,060.88	1/2	686.24	1/2	312.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,428.79	3/4	1,053.08	3/4	678.41	3/4	304.26	3/4		3/4		3/4		3/4		3/4		3/4	
3	1,420.96	3	1,045.29	3	670.58	3	296.43	3		3		3		3		3		3	
1/4	1,413.14	1/4	1,037.49	1/4	662.76	1/4	288.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,405.31	1/2	1,029.69	1/2	654.93	1/2	280.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,397.48	3/4	1,021.90	3/4	647.10	3/4	272.94	3/4		3/4		3/4		3/4		3/4		3/4	
4	1,389.64	4	1,014.11	4	639.26	4	265.11	4		4		4		4		4		4	
1/4	1,381.81	1/4	1,006.32	1/4	631.43	1/4	257.28	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,373.98	1/2	998.52	1/2	623.60	1/2	249.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,366.14	3/4	990.73	3/4	615.84	3/4	241.62	3/4		3/4		3/4		3/4		3/4		3/4	
5	1,358.31	5	982.93	5	608.08	5	233.79	5		5		5		5		5		5	
1/4	1,350.48	1/4	975.13	1/4	600.33	1/4	225.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,342.64	1/2	967.33	1/2	592.57	1/2	218.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,334.82	3/4	959.54	3/4	584.81	3/4	210.36	3/4		3/4		3/4		3/4		3/4		3/4	
6	1,326.99	6	951.74	6	577.05	6	202.61	6		6		6		6		6		6	
1/4	1,319.16	1/4	943.94	1/4	569.29	1/4	194.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,311.33	1/2	936.14	1/2	561.52	1/2	187.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,303.50	3/4	928.35	3/4	553.77	3/4	179.33	3/4		3/4		3/4		3/4		3/4		3/4	
7	1,295.67	7	920.55	7	546.01	7	171.57	7		7		7		7		7		7	
1/4	1,287.83	1/4	912.75	1/4	538.26	1/4	163.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,280.00	1/2	904.95	1/2	530.50	1/2	156.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,272.17	3/4	897.16	3/4	522.74	3/4	148.29	3/4		3/4		3/4		3/4		3/4		3/4	
8	1,264.35	8	889.36	8	514.98	8	140.52	8		8		8		8		8		8	
1/4	1,256.52	1/4	881.56	1/4	507.22	1/4	132.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,248.69	1/2	873.76	1/2	499.45	1/2	125.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,240.86	3/4	865.97	3/4	491.70	3/4	117.24	3/4		3/4		3/4		3/4		3/4		3/4	
9	1,233.02	9	858.18	9	483.94	9	109.49	9		9		9		9		9		9	
1/4	1,225.19	1/4	850.39	1/4	476.19	1/4	101.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,217.36	1/2	842.60	1/2	468.43	1/2	93.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,209.53	3/4	834.80	3/4	460.67	3/4	86.21	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,201.70	10	827.00	10	452.91	10	78.45	10		10		10		10		10		10	
1/4	1,193.88	1/4	819.20	1/4	445.14	1/4	70.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,186.05	1/2	811.41	1/2	437.38	1/2	62.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,178.21	3/4	803.61	3/4	429.55	3/4	56.15	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,170.38	11	795.81	11	421.71	11	49.37	11		11		11		11		11		11	
1/4	1,162.55	1/4	788.01	1/4	413.88	1/4	42.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,154.71	1/2	780.21	1/2	406.05	1/2	35.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,146.89	3/4	772.38	3/4	398.22	3/4	30.92	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/20/2002 INSP.  
DECK MEASUREMENTS: 06/15/2012 SW  
REPRINTED: 06/18/2012 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2012

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "CBC 337"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-01 1/4"

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	
0		0		0		0	4,161.69	0	3,785.81	0	3,409.95	0	3,034.07	0	2,658.21	0	2,282.33	0	1,906.45		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,510.59	1/4	4,153.86	1/4	3,777.98	1/4	3,402.12	1/4	3,026.24	1/4	2,650.38	1/4	2,274.50	1/4	1,898.63
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,505.37	1/2	4,146.02	1/2	3,770.16	1/2	3,394.29	1/2	3,018.42	1/2	2,642.55	1/2	2,266.67	1/2	1,890.80
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,500.15	3/4	4,138.19	3/4	3,762.33	3/4	3,386.45	3/4	3,010.59	3/4	2,634.71	3/4	2,258.83	3/4	1,882.97
1		1		1		1	4,494.93	1	4,130.36	1	3,754.50	1	3,378.62	1	3,002.76	1	2,626.88	1	2,251.00	1	1,875.14
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,488.84	1/4	4,122.53	1/4	3,746.67	1/4	3,370.79	1/4	2,994.93	1/4	2,619.05	1/4	2,243.17	1/4	1,867.31
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,482.75	1/2	4,114.70	1/2	3,738.83	1/2	3,362.96	1/2	2,987.10	1/2	2,611.21	1/2	2,235.35	1/2	1,859.48
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,476.66	3/4	4,106.88	3/4	3,731.00	3/4	3,355.14	3/4	2,979.26	3/4	2,603.38	3/4	2,227.52	3/4	1,851.64
2		2		2		2	4,470.57	2	4,099.05	2	3,723.17	2	3,347.31	2	2,971.43	2	2,595.55	2	2,219.69	2	1,843.81
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,463.61	1/4	4,091.21	1/4	3,715.34	1/4	3,339.48	1/4	2,963.60	1/4	2,587.72	1/4	2,211.86	1/4	1,835.98
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,456.64	1/2	4,083.38	1/2	3,707.51	1/2	3,331.64	1/2	2,955.76	1/2	2,579.89	1/2	2,204.02	1/2	1,828.16
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,449.68	3/4	4,075.55	3/4	3,699.68	3/4	3,323.81	3/4	2,947.93	3/4	2,572.07	3/4	2,196.19	3/4	1,820.33
3		3		3		3	4,442.72	3	4,067.72	3	3,691.86	3	3,315.98	3	2,940.10	3	2,564.24	3	2,188.36	3	1,812.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,435.10	1/4	4,059.89	1/4	3,684.02	1/4	3,308.14	1/4	2,932.27	1/4	2,556.41	1/4	2,180.53	1/4	1,804.67
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,427.49	1/2	4,052.06	1/2	3,676.19	1/2	3,300.31	1/2	2,924.44	1/2	2,548.57	1/2	2,172.70	1/2	1,796.83
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,419.88	3/4	4,044.23	3/4	3,668.36	3/4	3,292.48	3/4	2,916.61	3/4	2,540.74	3/4	2,164.88	3/4	1,789.00
4		4		4		4	4,412.26	4	4,036.41	4	3,660.52	4	3,284.64	4	2,908.79	4	2,532.91	4	2,157.05	4	1,781.17
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,404.44	1/4	4,028.57	1/4	3,652.69	1/4	3,276.82	1/4	2,900.95	1/4	2,525.08	1/4	2,149.22	1/4	1,773.34
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,396.61	1/2	4,020.74	1/2	3,644.86	1/2	3,268.99	1/2	2,893.12	1/2	2,517.25	1/2	2,141.38	1/2	1,765.51
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,388.78	3/4	4,012.91	3/4	3,637.02	3/4	3,261.16	3/4	2,885.29	3/4	2,509.42	3/4	2,133.55	3/4	1,757.69
5		5		5		5	4,380.95	5	4,005.07	5	3,629.19	5	3,253.33	5	2,877.45	5	2,501.60	5	2,125.72	5	1,749.86
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,373.12	1/4	3,997.24	1/4	3,621.36	1/4	3,245.50	1/4	2,869.63	1/4	2,493.76	1/4	2,117.89	1/4	1,742.02
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,365.29	1/2	3,989.42	1/2	3,613.54	1/2	3,237.67	1/2	2,861.80	1/2	2,485.93	1/2	2,110.06	1/2	1,734.19
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,357.45	3/4	3,981.59	3/4	3,605.71	3/4	3,229.83	3/4	2,853.97	3/4	2,478.10	3/4	2,102.23	3/4	1,726.36
6		6		6		6	4,349.62	6	3,973.76	6	3,597.88	6	3,222.00	6	2,846.14	6	2,470.26	6	2,094.41	6	1,718.52
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,341.79	1/4	3,965.93	1/4	3,590.05	1/4	3,214.17	1/4	2,838.31	1/4	2,462.44	1/4	2,086.57	1/4	1,710.70
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,333.96	1/2	3,958.10	1/2	3,582.21	1/2	3,206.35	1/2	2,830.48	1/2	2,454.61	1/2	2,078.74	1/2	1,702.87
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,326.14	3/4	3,950.26	3/4	3,574.38	3/4	3,198.52	3/4	2,822.64	3/4	2,446.78	3/4	2,070.91	3/4	1,695.04
7		7		7		7	4,318.31	7	3,942.43	7	3,566.55	7	3,190.69	7	2,814.81	7	2,438.95	7	2,063.07	7	1,687.21
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,310.48	1/4	3,934.60	1/4	3,558.72	1/4	3,182.86	1/4	2,806.98	1/4	2,431.12	1/4	2,055.24	1/4	1,679.38
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,302.64	1/2	3,926.76	1/2	3,550.89	1/2	3,175.02	1/2	2,799.16	1/2	2,423.29	1/2	2,047.42	1/2	1,671.55
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,294.81	3/4	3,918.93	3/4	3,543.07	3/4	3,167.19	3/4	2,791.33	3/4	2,415.45	3/4	2,039.59	3/4	1,663.71
8		8		8		8	4,286.98	8	3,911.10	8	3,535.24	8	3,159.36	8	2,783.50	8	2,407.62	8	2,031.76	8	1,655.88
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,279.14	1/4	3,903.27	1/4	3,527.41	1/4	3,151.53	1/4	2,775.67	1/4	2,399.79	1/4	2,023.93	1/4	1,648.05
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,271.31	1/2	3,895.44	1/2	3,519.57	1/2	3,143.70	1/2	2,767.83	1/2	2,391.96	1/2	2,016.10	1/2	1,640.21
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,263.48	3/4	3,887.61	3/4	3,511.74	3/4	3,135.88	3/4	2,760.00	3/4	2,384.14	3/4	2,008.26	3/4	1,632.38
9		9		9		9	4,255.64	9	3,879.79	9	3,503.91	9	3,128.05	9	2,752.17	9	2,376.31	9	2,000.43	9	1,624.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,247.82	1/4	3,871.95	1/4	3,496.08	1/4	3,120.22	1/4	2,744.34	1/4	2,368.48	1/4	1,992.60	1/4	1,616.72
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,239.99	1/2	3,864.12	1/2	3,488.25	1/2	3,112.38	1/2	2,736.51	1/2	2,360.64	1/2	1,984.76	1/2	1,608.89
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,232.16	3/4	3,856.29	3/4	3,480.42	3/4	3,104.55	3/4	2,728.69	3/4	2,352.81	3/4	1,976.93	3/4	1,601.07
10		10		10		10	4,224.33	10	3,848.45	10	3,472.60	10	3,096.72	10	2,720.86	10	2,344.98	10	1,969.10	10	1,593.24
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,216.50	1/4	3,840.63	1/4	3,464.76	1/4	3,088.89	1/4	2,713.02	1/4	2,337.14	1/4	1,961.27	1/4	1,585.41
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,208.67	1/2	3,832.80	1/2	3,456.93	1/2	3,081.06	1/2	2,705.19	1/2	2,329.31	1/2	1,953.44	1/2	1,577.57
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,200.83	3/4	3,824.97	3/4	3,449.10	3/4	3,073.23	3/4	2,697.36	3/4	2,321.48	3/4	1,945.61	3/4	1,569.74
11		11		11		11	4,193.00	11	3,817.14	11	3,441.26	11	3,065.41	11	2,689.52	11	2,313.64	11	1,937.79	11	1,561.91
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,185.17	1/4	3,809.31	1/4	3,433.44	1/4	3,057.57	1/4	2,681.70	1/4	2,305.82	1/4	1,929.95	1/4	1,554.08
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,177.35	1/2	3,801.48	1/2	3,425.61	1/2	3,049.74	1/2	2,673.87	1/2	2,297.99	1/2	1,922.12	1/2	1,546.25
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,169.52	3/4	3,793.64	3/4	3,417.78	3/4	3,041.91	3/4	2,666.04	3/4	2,290.16	3/4	1,914.29	3/4	1,538.42

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF THREADS ON "MMC" VALVE  
 GAUGE POINT: (MMC) LOCATED 13'-00" OFF CENTERLINE AND 34'-00" FORWARD OF AFT BULKHEAD.

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





# BARGE "CBC 337"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-01 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,530.60	0	1,154.71	0	780.21	0	406.05	0	35.81	0		0		0		0		0	
1/4	1,522.76	1/4	1,146.89	1/4	772.38	1/4	398.22	1/4	30.92	1/4		1/4		1/4		1/4		1/4	
1/2	1,514.93	1/2	1,139.06	1/2	764.55	1/2	390.39	1/2	26.02	1/2		1/2		1/2		1/2		1/2	
3/4	1,507.10	3/4	1,131.23	3/4	756.71	3/4	382.57	3/4	21.13	3/4		3/4		3/4		3/4		3/4	
1	1,499.26	1	1,123.41	1	748.88	1	374.74	1	16.24	1		1		1		1		1	
1/4	1,491.44	1/4	1,115.57	1/4	741.05	1/4	366.91	1/4	13.30	1/4		1/4		1/4		1/4		1/4	
1/2	1,483.61	1/2	1,107.74	1/2	733.23	1/2	359.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,475.78	3/4	1,099.91	3/4	725.40	3/4	351.24	3/4		3/4		3/4		3/4		3/4		3/4	
2	1,467.95	2	1,092.07	2	717.57	2	343.41	2		2		2		2		2		2	
1/4	1,460.12	1/4	1,084.27	1/4	709.74	1/4	335.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,452.29	1/2	1,076.48	1/2	701.91	1/2	327.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,444.45	3/4	1,068.68	3/4	694.07	3/4	319.92	3/4		3/4		3/4		3/4		3/4		3/4	
3	1,436.62	3	1,060.88	3	686.24	3	312.10	3		3		3		3		3		3	
1/4	1,428.79	1/4	1,053.08	1/4	678.41	1/4	304.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,420.96	1/2	1,045.29	1/2	670.58	1/2	296.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,413.14	3/4	1,037.49	3/4	662.76	3/4	288.60	3/4		3/4		3/4		3/4		3/4		3/4	
4	1,405.31	4	1,029.69	4	654.93	4	280.76	4		4		4		4		4		4	
1/4	1,397.48	1/4	1,021.90	1/4	647.10	1/4	272.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,389.64	1/2	1,014.11	1/2	639.26	1/2	265.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,381.81	3/4	1,006.32	3/4	631.43	3/4	257.28	3/4		3/4		3/4		3/4		3/4		3/4	
5	1,373.98	5	998.52	5	623.60	5	249.45	5		5		5		5		5		5	
1/4	1,366.14	1/4	990.73	1/4	615.84	1/4	241.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,358.31	1/2	982.93	1/2	608.08	1/2	233.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,350.48	3/4	975.13	3/4	600.33	3/4	225.95	3/4		3/4		3/4		3/4		3/4		3/4	
6	1,342.64	6	967.33	6	592.57	6	218.12	6		6		6		6		6		6	
1/4	1,334.82	1/4	959.54	1/4	584.81	1/4	210.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,326.99	1/2	951.74	1/2	577.05	1/2	202.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,319.16	3/4	943.94	3/4	569.29	3/4	194.85	3/4		3/4		3/4		3/4		3/4		3/4	
7	1,311.33	7	936.14	7	561.52	7	187.10	7		7		7		7		7		7	
1/4	1,303.50	1/4	928.35	1/4	553.77	1/4	179.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,295.67	1/2	920.55	1/2	546.01	1/2	171.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,287.83	3/4	912.75	3/4	538.26	3/4	163.81	3/4		3/4		3/4		3/4		3/4		3/4	
8	1,280.00	8	904.95	8	530.50	8	156.05	8		8		8		8		8		8	
1/4	1,272.17	1/4	897.16	1/4	522.74	1/4	148.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,264.35	1/2	889.36	1/2	514.98	1/2	140.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,256.52	3/4	881.56	3/4	507.22	3/4	132.76	3/4		3/4		3/4		3/4		3/4		3/4	
9	1,248.69	9	873.76	9	499.45	9	125.00	9		9		9		9		9		9	
1/4	1,240.86	1/4	865.97	1/4	491.70	1/4	117.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,233.02	1/2	858.18	1/2	483.94	1/2	109.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,225.19	3/4	850.39	3/4	476.19	3/4	101.73	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,217.36	10	842.60	10	468.43	10	93.98	10		10		10		10		10		10	
1/4	1,209.53	1/4	834.80	1/4	460.67	1/4	86.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,201.70	1/2	827.00	1/2	452.91	1/2	78.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,193.88	3/4	819.20	3/4	445.14	3/4	70.69	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,186.05	11	811.41	11	437.38	11	62.93	11		11		11		11		11		11	
1/4	1,178.21	1/4	803.61	1/4	429.55	1/4	56.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,170.38	1/2	795.81	1/2	421.71	1/2	49.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,162.55	3/4	788.01	3/4	413.88	3/4	42.59	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/20/2002 INSP.  
DECK MEASUREMENTS: 06/15/2012 SW  
REPRINTED: 06/18/2012 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2012

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



# BARGE "CBC 337"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-00 3/4"

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	
0		0		0	4,401.04	0	4,050.01	0	3,682.85	0	3,315.65	0	2,948.49	0	2,581.31	0	2,214.13	0	1,846.96
1/4	1/4	1/4	1/4	1/4	4,395.93	1/4	4,042.36	1/4	3,675.20	1/4	3,308.01	1/4	2,940.84	1/4	2,573.65	1/4	2,206.48	1/4	1,839.32
1/2	1/2	1/2	1/2	1/2	4,390.83	1/2	4,034.71	1/2	3,667.55	1/2	3,300.36	1/2	2,933.19	1/2	2,566.00	1/2	2,198.83	1/2	1,831.67
3/4	3/4	3/4	3/4	3/4	4,384.89	3/4	4,027.07	3/4	3,659.89	3/4	3,292.71	3/4	2,925.54	3/4	2,558.35	3/4	2,191.18	3/4	1,824.02
1		1		1	4,378.94	1	4,019.42	1	3,652.24	1	3,285.06	1	2,917.89	1	2,550.70	1	2,183.54	1	1,816.37
1/4	1/4	1/4	1/4	1/4	4,372.99	1/4	4,011.77	1/4	3,644.58	1/4	3,277.41	1/4	2,910.24	1/4	2,543.05	1/4	2,175.89	1/4	1,808.72
1/2	1/2	1/2	1/2	1/2	4,367.05	1/2	4,004.12	1/2	3,636.93	1/2	3,269.76	1/2	2,902.60	1/2	2,535.40	1/2	2,168.24	1/2	1,801.07
3/4	3/4	3/4	3/4	3/4	4,360.24	3/4	3,996.47	3/4	3,629.28	3/4	3,262.11	3/4	2,894.95	3/4	2,527.76	3/4	2,160.59	3/4	1,793.42
2		2		2	4,353.44	2	3,988.82	2	3,621.63	2	3,254.46	2	2,887.30	2	2,520.11	2	2,152.94	2	1,785.77
1/4	1/4	1/4	1/4	1/4	4,346.64	1/4	3,981.17	1/4	3,613.98	1/4	3,246.82	1/4	2,879.65	1/4	2,512.46	1/4	2,145.29	1/4	1,778.12
1/2	1/2	1/2	1/2	1/2	4,339.83	1/2	3,973.52	1/2	3,606.33	1/2	3,239.17	1/2	2,872.00	1/2	2,504.81	1/2	2,137.64	1/2	1,770.48
3/4	3/4	3/4	3/4	3/4	4,332.40	3/4	3,965.87	3/4	3,598.68	3/4	3,231.52	3/4	2,864.35	3/4	2,497.16	3/4	2,129.99	3/4	1,762.82
3		3		3	4,324.96	3	3,958.23	3	3,591.04	3	3,223.87	3	2,856.69	3	2,489.51	3	2,122.34	3	1,755.17
1/4	1/4	1/4	1/4	1/4	4,317.53	1/4	3,950.58	1/4	3,583.39	1/4	3,216.22	1/4	2,849.04	1/4	2,481.86	1/4	2,114.70	1/4	1,747.51
1/2	1/2	1/2	1/2	1/2	4,310.09	1/2	3,942.93	1/2	3,575.74	1/2	3,208.57	1/2	2,841.38	1/2	2,474.21	1/2	2,107.05	1/2	1,739.86
3/4	3/4	3/4	3/4	3/4	4,302.45	3/4	3,935.27	3/4	3,568.09	3/4	3,200.92	3/4	2,833.73	3/4	2,466.57	3/4	2,099.40	3/4	1,732.21
4		4		4	4,294.80	4	3,927.62	4	3,560.44	4	3,193.27	4	2,826.08	4	2,458.92	4	2,091.75	4	1,724.56
1/4	1/4	1/4	1/4	1/4	4,287.15	1/4	3,919.96	1/4	3,552.79	1/4	3,185.62	1/4	2,818.43	1/4	2,451.27	1/4	2,084.10	1/4	1,716.91
1/2	1/2	1/2	1/2	1/2	4,279.50	1/2	3,912.31	1/2	3,545.14	1/2	3,177.98	1/2	2,810.79	1/2	2,443.62	1/2	2,076.45	1/2	1,709.26
3/4	3/4	3/4	3/4	3/4	4,271.85	3/4	3,904.66	3/4	3,537.49	3/4	3,170.33	3/4	2,803.14	3/4	2,435.97	3/4	2,068.80	3/4	1,701.61
5		5		5	4,264.20	5	3,897.01	5	3,529.84	5	3,162.68	5	2,795.49	5	2,428.32	5	2,061.15	5	1,693.96
1/4	1/4	1/4	1/4	1/4	4,256.55	1/4	3,889.36	1/4	3,522.20	1/4	3,155.03	1/4	2,787.84	1/4	2,420.67	1/4	2,053.51	1/4	1,686.32
1/2	1/2	1/2	1/2	1/2	4,248.90	1/2	3,881.71	1/2	3,514.55	1/2	3,147.38	1/2	2,780.19	1/2	2,413.02	1/2	2,045.86	1/2	1,678.67
3/4	3/4	3/4	3/4	3/4	4,241.26	3/4	3,874.07	3/4	3,506.90	3/4	3,139.73	3/4	2,772.54	3/4	2,405.37	3/4	2,038.20	3/4	1,671.02
6		6		6	4,233.61	6	3,866.42	6	3,499.25	6	3,132.07	6	2,764.89	6	2,397.73	6	2,030.55	6	1,663.37
1/4	1/4	1/4	1/4	1/4	4,225.96	1/4	3,858.77	1/4	3,491.60	1/4	3,124.42	1/4	2,757.24	1/4	2,390.08	1/4	2,022.89	1/4	1,655.72
1/2	1/2	1/2	1/2	1/2	4,218.31	1/2	3,851.12	1/2	3,483.95	1/2	3,116.76	1/2	2,749.59	1/2	2,382.43	1/2	2,015.24	1/2	1,648.07
3/4	3/4	3/4	3/4	3/4	4,210.65	3/4	3,843.47	3/4	3,476.30	3/4	3,109.11	3/4	2,741.95	3/4	2,374.78	3/4	2,007.59	3/4	1,640.42
7		7		7	4,203.00	7	3,835.82	7	3,468.65	7	3,101.46	7	2,734.30	7	2,367.13	7	1,999.94	7	1,632.77
1/4	1/4	1/4	1/4	1/4	4,195.34	1/4	3,828.17	1/4	3,461.01	1/4	3,093.82	1/4	2,726.65	1/4	2,359.48	1/4	1,992.29	1/4	1,625.12
1/2	1/2	1/2	1/2	1/2	4,187.69	1/2	3,820.52	1/2	3,453.36	1/2	3,086.17	1/2	2,719.00	1/2	2,351.83	1/2	1,984.64	1/2	1,617.48
3/4	3/4	3/4	3/4	3/4	4,180.04	3/4	3,812.87	3/4	3,445.71	3/4	3,078.52	3/4	2,711.35	3/4	2,344.18	3/4	1,976.99	3/4	1,609.83
8		8		8	4,172.39	8	3,805.23	8	3,438.06	8	3,070.87	8	2,703.70	8	2,336.54	8	1,969.34	8	1,602.18
1/4	1/4	1/4	1/4	1/4	4,164.74	1/4	3,797.58	1/4	3,430.41	1/4	3,063.22	1/4	2,696.05	1/4	2,328.89	1/4	1,961.70	1/4	1,594.53
1/2	1/2	1/2	1/2	1/2	4,157.09	1/2	3,789.93	1/2	3,422.76	1/2	3,055.57	1/2	2,688.40	1/2	2,321.24	1/2	1,954.05	1/2	1,586.88
3/4	3/4	3/4	3/4	3/4	4,149.45	3/4	3,782.28	3/4	3,415.11	3/4	3,047.92	3/4	2,680.76	3/4	2,313.58	3/4	1,946.40	3/4	1,579.23
9		9		9	4,141.80	9	3,774.63	9	3,407.46	9	3,040.27	9	2,673.11	9	2,305.93	9	1,938.75	9	1,571.58
1/4	1/4	1/4	1/4	1/4	4,134.15	1/4	3,766.98	1/4	3,399.82	1/4	3,032.62	1/4	2,665.46	1/4	2,298.27	1/4	1,931.10	1/4	1,563.93
1/2	1/2	1/2	1/2	1/2	4,126.50	1/2	3,759.33	1/2	3,392.17	1/2	3,024.98	1/2	2,657.81	1/2	2,290.62	1/2	1,923.45	1/2	1,556.29
3/4	3/4	3/4	3/4	3/4	4,118.85	3/4	3,751.68	3/4	3,384.51	3/4	3,017.33	3/4	2,650.16	3/4	2,282.97	3/4	1,915.80	3/4	1,548.64
10		10		10	4,111.20	10	3,744.04	10	3,376.86	10	3,009.68	10	2,642.51	10	2,275.32	10	1,908.15	10	1,540.99
1/4	1/4	1/4	1/4	1/4	4,103.55	1/4	3,736.39	1/4	3,369.20	1/4	3,002.03	1/4	2,634.86	1/4	2,267.67	1/4	1,900.51	1/4	1,533.34
1/2	1/2	1/2	1/2	1/2	4,095.90	1/2	3,728.74	1/2	3,361.55	1/2	2,994.38	1/2	2,627.21	1/2	2,260.02	1/2	1,892.86	1/2	1,525.69
3/4	3/4	3/4	3/4	3/4	4,088.26	3/4	3,721.09	3/4	3,353.90	3/4	2,986.73	3/4	2,619.57	3/4	2,252.37	3/4	1,885.21	3/4	1,518.04
11		11		11	4,080.61	11	3,713.44	11	3,346.25	11	2,979.08	11	2,611.92	11	2,244.73	11	1,877.56	11	1,510.39
1/4	1/4	1/4	1/4	1/4	4,072.96	1/4	3,705.79	1/4	3,338.60	1/4	2,971.43	1/4	2,604.27	1/4	2,237.08	1/4	1,869.91	1/4	1,502.74
1/2	1/2	1/2	1/2	1/2	4,065.31	1/2	3,698.14	1/2	3,330.95	1/2	2,963.79	1/2	2,596.62	1/2	2,229.43	1/2	1,862.26	1/2	1,495.10
3/4	3/4	3/4	3/4	3/4	4,057.66	3/4	3,690.49	3/4	3,323.30	3/4	2,956.14	3/4	2,588.96	3/4	2,221.78	3/4	1,854.61	3/4	1,487.44

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF THREADS ON "MMC" VALVE  
 GAUGE POINT: (MMC) LOCATED 13'-00" OFF CENTERLINE AND 34'-00" FORWARD OF AFT BULKHEAD.

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



# BARGE "CBC 337"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-00 3/4"

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	
0	1,479.79	0	1,112.61	0	746.80	0	381.34	0	25.44	0		0		0		0		0	
1/4	1,472.13	1/4	1,104.96	1/4	739.15	1/4	373.70	1/4	20.66	1/4		1/4		1/4		1/4		1/4	
1/2	1,464.48	1/2	1,097.31	1/2	731.50	1/2	366.05	1/2	15.88	1/2		1/2		1/2		1/2		1/2	
3/4	1,456.83	3/4	1,089.66	3/4	723.85	3/4	358.40	3/4	13.01	3/4		3/4		3/4		3/4		3/4	
1	1,449.18	1	1,082.01	1	716.20	1	350.75	1		1		1		1		1		1	
1/4	1,441.53	1/4	1,074.36	1/4	708.55	1/4	343.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,433.88	1/2	1,066.71	1/2	700.90	1/2	335.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,426.23	3/4	1,059.10	3/4	693.26	3/4	327.80	3/4		3/4		3/4		3/4		3/4		3/4	
2	1,418.58	2	1,051.49	2	685.61	2	320.14	2		2		2		2		2		2	
1/4	1,410.93	1/4	1,043.87	1/4	677.96	1/4	312.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,403.29	1/2	1,036.26	1/2	670.31	1/2	304.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,395.64	3/4	1,028.64	3/4	662.66	3/4	297.18	3/4		3/4		3/4		3/4		3/4		3/4	
3	1,387.99	3	1,021.02	3	655.01	3	289.54	3		3		3		3		3		3	
1/4	1,380.34	1/4	1,013.40	1/4	647.36	1/4	281.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,372.69	1/2	1,005.79	1/2	639.71	1/2	274.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,365.04	3/4	998.17	3/4	632.07	3/4	266.59	3/4		3/4		3/4		3/4		3/4		3/4	
4	1,357.39	4	990.56	4	624.42	4	258.94	4		4		4		4		4		4	
1/4	1,349.74	1/4	982.95	1/4	616.77	1/4	251.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,342.09	1/2	975.33	1/2	609.12	1/2	243.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,334.45	3/4	967.71	3/4	601.54	3/4	235.99	3/4		3/4		3/4		3/4		3/4		3/4	
5	1,326.80	5	960.10	5	593.96	5	228.35	5		5		5		5		5		5	
1/4	1,319.15	1/4	952.48	1/4	586.39	1/4	220.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,311.50	1/2	944.86	1/2	578.81	1/2	213.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,303.85	3/4	937.24	3/4	571.23	3/4	205.47	3/4		3/4		3/4		3/4		3/4		3/4	
6	1,296.20	6	929.63	6	563.64	6	197.89	6		6		6		6		6		6	
1/4	1,288.55	1/4	922.02	1/4	556.06	1/4	190.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,280.90	1/2	914.40	1/2	548.48	1/2	182.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,273.26	3/4	906.79	3/4	540.90	3/4	175.16	3/4		3/4		3/4		3/4		3/4		3/4	
7	1,265.61	7	899.18	7	533.32	7	167.58	7		7		7		7		7		7	
1/4	1,257.96	1/4	891.57	1/4	525.74	1/4	160.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,250.31	1/2	883.95	1/2	518.17	1/2	152.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,242.66	3/4	876.33	3/4	510.59	3/4	144.85	3/4		3/4		3/4		3/4		3/4		3/4	
8	1,235.01	8	868.71	8	503.01	8	137.27	8		8		8		8		8		8	
1/4	1,227.36	1/4	861.10	1/4	495.43	1/4	129.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,219.71	1/2	853.48	1/2	487.86	1/2	122.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,212.06	3/4	845.86	3/4	480.28	3/4	114.54	3/4		3/4		3/4		3/4		3/4		3/4	
9	1,204.40	9	838.25	9	472.70	9	106.96	9		9		9		9		9		9	
1/4	1,196.75	1/4	830.64	1/4	465.12	1/4	99.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,189.09	1/2	823.02	1/2	457.55	1/2	91.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,181.45	3/4	815.41	3/4	449.97	3/4	84.23	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,173.80	10	807.80	10	442.39	10	76.64	10		10		10		10		10		10	
1/4	1,166.15	1/4	800.18	1/4	434.82	1/4	69.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,158.50	1/2	792.57	1/2	427.24	1/2	61.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,150.85	3/4	784.95	3/4	419.59	3/4	54.86	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,143.20	11	777.33	11	411.94	11	48.24	11		11		11		11		11		11	
1/4	1,135.55	1/4	769.71	1/4	404.29	1/4	41.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,127.90	1/2	762.09	1/2	396.64	1/2	35.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,120.26	3/4	754.45	3/4	388.99	3/4	30.22	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/20/2002 INSP.  
DECK MEASUREMENTS: 06/15/2012 SW  
REPRINTED: 06/18/2012 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2012

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



# BARGE "CBC 337"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-00 3/4"

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	
0		0		0	4,401.04	0	4,050.01	0	3,682.85	0	3,315.65	0	2,948.49	0	2,581.31	0	2,214.13	0	1,846.96		
1/4	1/4	1/4	1/4	1/4	4,395.93	1/4	4,042.36	1/4	3,675.20	1/4	3,308.01	1/4	2,940.84	1/4	2,573.65	1/4	2,206.48	1/4	1,839.32		
1/2	1/2	1/2	1/2	1/2	4,390.83	1/2	4,034.71	1/2	3,667.55	1/2	3,300.36	1/2	2,933.19	1/2	2,566.00	1/2	2,198.83	1/2	1,831.67		
3/4	3/4	3/4	3/4	3/4	4,384.89	3/4	4,027.07	3/4	3,659.89	3/4	3,292.71	3/4	2,925.54	3/4	2,558.35	3/4	2,191.18	3/4	1,824.02		
1		1		1	4,378.94	1	4,019.42	1	3,652.24	1	3,285.06	1	2,917.89	1	2,550.70	1	2,183.54	1	1,816.37		
1/4	1/4	1/4	1/4	1/4	4,372.99	1/4	4,011.77	1/4	3,644.58	1/4	3,277.41	1/4	2,910.24	1/4	2,543.05	1/4	2,175.89	1/4	1,808.72		
1/2	1/2	1/2	1/2	1/2	4,367.05	1/2	4,004.12	1/2	3,636.93	1/2	3,269.76	1/2	2,902.60	1/2	2,535.40	1/2	2,168.24	1/2	1,801.07		
3/4	3/4	3/4	3/4	3/4	4,360.24	3/4	3,996.47	3/4	3,629.28	3/4	3,262.11	3/4	2,894.95	3/4	2,527.76	3/4	2,160.59	3/4	1,793.42		
2		2		2	4,353.44	2	3,988.82	2	3,621.63	2	3,254.46	2	2,887.30	2	2,520.11	2	2,152.94	2	1,785.77		
1/4	1/4	1/4	1/4	1/4	4,346.64	1/4	3,981.17	1/4	3,613.98	1/4	3,246.82	1/4	2,879.65	1/4	2,512.46	1/4	2,145.29	1/4	1,778.12		
1/2	1/2	1/2	1/2	1/2	4,339.83	1/2	3,973.52	1/2	3,606.33	1/2	3,239.17	1/2	2,872.00	1/2	2,504.81	1/2	2,137.64	1/2	1,770.48		
3/4	3/4	3/4	3/4	3/4	4,332.40	3/4	3,965.87	3/4	3,598.68	3/4	3,231.52	3/4	2,864.35	3/4	2,497.16	3/4	2,129.99	3/4	1,762.82		
3		3		3	4,324.96	3	3,958.23	3	3,591.04	3	3,223.87	3	2,856.69	3	2,489.51	3	2,122.34	3	1,755.17		
1/4	1/4	1/4	1/4	1/4	4,317.53	1/4	3,950.58	1/4	3,583.39	1/4	3,216.22	1/4	2,849.04	1/4	2,481.86	1/4	2,114.70	1/4	1,747.51		
1/2	1/2	1/2	1/2	1/2	4,310.09	1/2	3,942.93	1/2	3,575.74	1/2	3,208.57	1/2	2,841.38	1/2	2,474.21	1/2	2,107.05	1/2	1,739.86		
3/4	3/4	3/4	3/4	3/4	4,302.45	3/4	3,935.27	3/4	3,568.09	3/4	3,200.92	3/4	2,833.73	3/4	2,466.57	3/4	2,099.40	3/4	1,732.21		
4		4		4	4,294.80	4	3,927.62	4	3,560.44	4	3,193.27	4	2,826.08	4	2,458.92	4	2,091.75	4	1,724.56		
1/4	1/4	1/4	1/4	1/4	4,287.15	1/4	3,919.96	1/4	3,552.79	1/4	3,185.62	1/4	2,818.43	1/4	2,451.27	1/4	2,084.10	1/4	1,716.91		
1/2	1/2	1/2	1/2	1/2	4,279.50	1/2	3,912.31	1/2	3,545.14	1/2	3,177.98	1/2	2,810.79	1/2	2,443.62	1/2	2,076.45	1/2	1,709.26		
3/4	3/4	3/4	3/4	3/4	4,271.85	3/4	3,904.66	3/4	3,537.49	3/4	3,170.33	3/4	2,803.14	3/4	2,435.97	3/4	2,068.80	3/4	1,701.61		
5		5		5	4,264.20	5	3,897.01	5	3,529.84	5	3,162.68	5	2,795.49	5	2,428.32	5	2,061.15	5	1,693.96		
1/4	1/4	1/4	1/4	1/4	4,256.55	1/4	3,889.36	1/4	3,522.20	1/4	3,155.03	1/4	2,787.84	1/4	2,420.67	1/4	2,053.51	1/4	1,686.32		
1/2	1/2	1/2	1/2	1/2	4,248.90	1/2	3,881.71	1/2	3,514.55	1/2	3,147.38	1/2	2,780.19	1/2	2,413.02	1/2	2,045.86	1/2	1,678.67		
3/4	3/4	3/4	3/4	3/4	4,241.26	3/4	3,874.07	3/4	3,506.90	3/4	3,139.73	3/4	2,772.54	3/4	2,405.37	3/4	2,038.20	3/4	1,671.02		
6		6		6	4,233.61	6	3,866.42	6	3,499.25	6	3,132.07	6	2,764.89	6	2,397.73	6	2,030.55	6	1,663.37		
1/4	1/4	1/4	1/4	1/4	4,225.96	1/4	3,858.77	1/4	3,491.60	1/4	3,124.42	1/4	2,757.24	1/4	2,390.08	1/4	2,022.89	1/4	1,655.72		
1/2	1/2	1/2	1/2	1/2	4,218.31	1/2	3,851.12	1/2	3,483.95	1/2	3,116.76	1/2	2,749.59	1/2	2,382.43	1/2	2,015.24	1/2	1,648.07		
3/4	3/4	3/4	3/4	3/4	4,210.65	3/4	3,843.47	3/4	3,476.30	3/4	3,109.11	3/4	2,741.95	3/4	2,374.78	3/4	2,007.59	3/4	1,640.42		
7		7		7	4,203.00	7	3,835.82	7	3,468.65	7	3,101.46	7	2,734.30	7	2,367.13	7	1,999.94	7	1,632.77		
1/4	1/4	1/4	1/4	1/4	4,195.34	1/4	3,828.17	1/4	3,461.01	1/4	3,093.82	1/4	2,726.65	1/4	2,359.48	1/4	1,992.29	1/4	1,625.12		
1/2	1/2	1/2	1/2	1/2	4,187.69	1/2	3,820.52	1/2	3,453.36	1/2	3,086.17	1/2	2,719.00	1/2	2,351.83	1/2	1,984.64	1/2	1,617.48		
3/4	3/4	3/4	3/4	3/4	4,180.04	3/4	3,812.87	3/4	3,445.71	3/4	3,078.52	3/4	2,711.35	3/4	2,344.18	3/4	1,976.99	3/4	1,609.83		
8		8		8	4,172.39	8	3,805.23	8	3,438.06	8	3,070.87	8	2,703.70	8	2,336.54	8	1,969.34	8	1,602.18		
1/4	1/4	1/4	1/4	1/4	4,164.74	1/4	3,797.58	1/4	3,430.41	1/4	3,063.22	1/4	2,696.05	1/4	2,328.89	1/4	1,961.70	1/4	1,594.53		
1/2	1/2	1/2	1/2	1/2	4,157.09	1/2	3,789.93	1/2	3,422.76	1/2	3,055.57	1/2	2,688.40	1/2	2,321.24	1/2	1,954.05	1/2	1,586.88		
3/4	3/4	3/4	3/4	3/4	4,149.45	3/4	3,782.28	3/4	3,415.11	3/4	3,047.92	3/4	2,680.76	3/4	2,313.58	3/4	1,946.40	3/4	1,579.23		
9		9		9	4,141.80	9	3,774.63	9	3,407.46	9	3,040.27	9	2,673.11	9	2,305.93	9	1,938.75	9	1,571.58		
1/4	1/4	1/4	1/4	1/4	4,134.15	1/4	3,766.98	1/4	3,399.82	1/4	3,032.62	1/4	2,665.46	1/4	2,298.27	1/4	1,931.10	1/4	1,563.93		
1/2	1/2	1/2	1/2	1/2	4,126.50	1/2	3,759.33	1/2	3,392.17	1/2	3,024.98	1/2	2,657.81	1/2	2,290.62	1/2	1,923.45	1/2	1,556.29		
3/4	3/4	3/4	3/4	3/4	4,118.85	3/4	3,751.68	3/4	3,384.51	3/4	3,017.33	3/4	2,650.16	3/4	2,282.97	3/4	1,915.80	3/4	1,548.64		
10		10		10	4,111.20	10	3,744.04	10	3,376.86	10	3,009.68	10	2,642.51	10	2,275.32	10	1,908.15	10	1,540.99		
1/4	1/4	1/4	1/4	1/4	4,103.55	1/4	3,736.39	1/4	3,369.20	1/4	3,002.03	1/4	2,634.86	1/4	2,267.67	1/4	1,900.51	1/4	1,533.34		
1/2	1/2	1/2	1/2	1/2	4,095.90	1/2	3,728.74	1/2	3,361.55	1/2	2,994.38	1/2	2,627.21	1/2	2,260.02	1/2	1,892.86	1/2	1,525.69		
3/4	3/4	3/4	3/4	3/4	4,088.26	3/4	3,721.09	3/4	3,353.90	3/4	2,986.73	3/4	2,619.57	3/4	2,252.37	3/4	1,885.21	3/4	1,518.04		
11		11		11	4,080.61	11	3,713.44	11	3,346.25	11	2,979.08	11	2,611.92	11	2,244.73	11	1,877.56	11	1,510.39		
1/4	1/4	1/4	1/4	1/4	4,072.96	1/4	3,705.79	1/4	3,338.60	1/4	2,971.43	1/4	2,604.27	1/4	2,237.08	1/4	1,869.91	1/4	1,502.74		
1/2	1/2	1/2	1/2	1/2	4,065.31	1/2	3,698.14	1/2	3,330.95	1/2	2,963.79	1/2	2,596.62	1/2	2,229.43	1/2	1,862.26	1/2	1,495.10		
3/4	3/4	3/4	3/4	3/4	4,057.66	3/4	3,690.49	3/4	3,323.30	3/4	2,956.14	3/4	2,588.96	3/4	2,221.78	3/4	1,854.61	3/4	1,487.44		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF THREADS ON "MMC" VALVE  
 GAUGE POINT: (MMC) LOCATED 13'-00" OFF CENTERLINE AND 34'-00" FORWARD OF AFT BULKHEAD.

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





# BARGE "CBC 337"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-00 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,479.79	0	1,112.61	0	746.80	0	381.34	0	25.44	0		0		0		0		0	
1/4	1,472.13	1/4	1,104.96	1/4	739.15	1/4	373.70	1/4	20.66	1/4		1/4		1/4		1/4		1/4	
1/2	1,464.48	1/2	1,097.31	1/2	731.50	1/2	366.05	1/2	15.88	1/2		1/2		1/2		1/2		1/2	
3/4	1,456.83	3/4	1,089.66	3/4	723.85	3/4	358.40	3/4	13.01	3/4		3/4		3/4		3/4		3/4	
1	1,449.18	1	1,082.01	1	716.20	1	350.75	1		1		1		1		1		1	
1/4	1,441.53	1/4	1,074.36	1/4	708.55	1/4	343.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,433.88	1/2	1,066.71	1/2	700.90	1/2	335.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,426.23	3/4	1,059.10	3/4	693.26	3/4	327.80	3/4		3/4		3/4		3/4		3/4		3/4	
2	1,418.58	2	1,051.49	2	685.61	2	320.14	2		2		2		2		2		2	
1/4	1,410.93	1/4	1,043.87	1/4	677.96	1/4	312.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,403.29	1/2	1,036.26	1/2	670.31	1/2	304.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,395.64	3/4	1,028.64	3/4	662.66	3/4	297.18	3/4		3/4		3/4		3/4		3/4		3/4	
3	1,387.99	3	1,021.02	3	655.01	3	289.54	3		3		3		3		3		3	
1/4	1,380.34	1/4	1,013.40	1/4	647.36	1/4	281.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,372.69	1/2	1,005.79	1/2	639.71	1/2	274.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,365.04	3/4	998.17	3/4	632.07	3/4	266.59	3/4		3/4		3/4		3/4		3/4		3/4	
4	1,357.39	4	990.56	4	624.42	4	258.94	4		4		4		4		4		4	
1/4	1,349.74	1/4	982.95	1/4	616.77	1/4	251.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,342.09	1/2	975.33	1/2	609.12	1/2	243.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,334.45	3/4	967.71	3/4	601.54	3/4	235.99	3/4		3/4		3/4		3/4		3/4		3/4	
5	1,326.80	5	960.10	5	593.96	5	228.35	5		5		5		5		5		5	
1/4	1,319.15	1/4	952.48	1/4	586.39	1/4	220.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,311.50	1/2	944.86	1/2	578.81	1/2	213.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,303.85	3/4	937.24	3/4	571.23	3/4	205.47	3/4		3/4		3/4		3/4		3/4		3/4	
6	1,296.20	6	929.63	6	563.64	6	197.89	6		6		6		6		6		6	
1/4	1,288.55	1/4	922.02	1/4	556.06	1/4	190.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,280.90	1/2	914.40	1/2	548.48	1/2	182.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,273.26	3/4	906.79	3/4	540.90	3/4	175.16	3/4		3/4		3/4		3/4		3/4		3/4	
7	1,265.61	7	899.18	7	533.32	7	167.58	7		7		7		7		7		7	
1/4	1,257.96	1/4	891.57	1/4	525.74	1/4	160.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,250.31	1/2	883.95	1/2	518.17	1/2	152.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,242.66	3/4	876.33	3/4	510.59	3/4	144.85	3/4		3/4		3/4		3/4		3/4		3/4	
8	1,235.01	8	868.71	8	503.01	8	137.27	8		8		8		8		8		8	
1/4	1,227.36	1/4	861.10	1/4	495.43	1/4	129.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,219.71	1/2	853.48	1/2	487.86	1/2	122.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,212.06	3/4	845.86	3/4	480.28	3/4	114.54	3/4		3/4		3/4		3/4		3/4		3/4	
9	1,204.40	9	838.25	9	472.70	9	106.96	9		9		9		9		9		9	
1/4	1,196.75	1/4	830.64	1/4	465.12	1/4	99.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,189.09	1/2	823.02	1/2	457.55	1/2	91.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,181.45	3/4	815.41	3/4	449.97	3/4	84.23	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,173.80	10	807.80	10	442.39	10	76.64	10		10		10		10		10		10	
1/4	1,166.15	1/4	800.18	1/4	434.82	1/4	69.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,158.50	1/2	792.57	1/2	427.24	1/2	61.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,150.85	3/4	784.95	3/4	419.59	3/4	54.86	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,143.20	11	777.33	11	411.94	11	48.24	11		11		11		11		11		11	
1/4	1,135.55	1/4	769.71	1/4	404.29	1/4	41.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,127.90	1/2	762.09	1/2	396.64	1/2	35.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,120.26	3/4	754.45	3/4	388.99	3/4	30.22	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/20/2002 INSP.  
DECK MEASUREMENTS: 06/15/2012 SW  
REPRINTED: 06/18/2012 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2012

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



# BARGE "CBC 337"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-01 1/2"

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	
0		0		0		0	3,981.26	0	3,747.19	0	3,389.01	0	3,016.31	0	2,643.60	0	2,270.89	0	1,898.19		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,976.50	1/4	3,741.43	1/4	3,381.24	1/4	3,008.55	1/4	2,635.83	1/4	2,263.12	1/4	1,890.43		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,188.64	1/2	3,971.74	1/2	3,735.17	1/2	3,373.48	1/2	3,000.78	1/2	2,628.07	1/2	2,255.36	1/2	1,882.66
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,185.46	3/4	3,966.98	3/4	3,728.90	3/4	3,365.71	3/4	3,000.01	3/4	2,620.30	3/4	2,247.60	3/4	1,874.89
1		1		1		1	3,962.21	1	3,722.64	1	3,357.95	1	2,985.24	1	2,612.53	1	2,239.83	1	1,867.13		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,179.12	1/4	3,957.45	1/4	3,716.38	1/4	3,350.19	1/4	2,977.48	1/4	2,604.76	1/4	2,232.07	1/4	1,859.36
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,175.42	1/2	3,952.69	1/2	3,709.62	1/2	3,342.42	1/2	2,969.71	1/2	2,597.00	1/2	2,224.30	1/2	1,851.60
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,171.71	3/4	3,947.93	3/4	3,702.86	3/4	3,334.65	3/4	2,961.95	3/4	2,589.24	3/4	2,216.54	3/4	1,843.83
2		2		2		2	3,943.17	2	3,696.10	2	3,326.89	2	2,954.19	2	2,581.48	2	2,208.77	2	1,836.07		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,164.31	1/4	3,938.40	1/4	3,689.33	1/4	3,319.12	1/4	2,946.43	1/4	2,573.71	1/4	2,201.00	1/4	1,828.31
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,160.08	1/2	3,933.64	1/2	3,682.07	1/2	3,311.36	1/2	2,938.66	1/2	2,565.95	1/2	2,193.24	1/2	1,820.54
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,155.85	3/4	3,928.88	3/4	3,674.80	3/4	3,303.60	3/4	2,930.89	3/4	2,558.18	3/4	2,185.48	3/4	1,812.77
3		3		3		3	3,924.12	3	3,667.53	3	3,295.83	3	2,923.13	3	2,550.41	3	2,177.71	3	1,805.01		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,147.38	1/4	3,919.36	1/4	3,660.26	1/4	3,288.07	1/4	2,915.36	1/4	2,542.64	1/4	2,169.95	1/4	1,797.24
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,142.75	1/2	3,914.60	1/2	3,652.63	1/2	3,280.30	1/2	2,907.60	1/2	2,534.88	1/2	2,162.18	1/2	1,789.48
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,138.12	3/4	3,909.83	3/4	3,644.99	3/4	3,272.54	3/4	2,899.83	3/4	2,527.12	3/4	2,154.42	3/4	1,781.71
4		4		4		4	3,905.07	4	3,637.35	4	3,264.77	4	2,892.07	4	2,519.36	4	2,146.65	4	1,773.95		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,128.86	1/4	3,900.31	1/4	3,629.71	1/4	3,257.00	1/4	2,884.31	1/4	2,511.60	1/4	2,138.88	1/4	1,766.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,124.10	1/2	3,895.55	1/2	3,621.95	1/2	3,249.24	1/2	2,876.54	1/2	2,503.83	1/2	2,131.12	1/2	1,758.42
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,119.33	3/4	3,890.79	3/4	3,614.18	3/4	3,241.48	3/4	2,868.77	3/4	2,496.06	3/4	2,123.36	3/4	1,750.65
5		5		5		5	3,886.02	5	3,606.41	5	3,233.71	5	2,861.01	5	2,488.29	5	2,115.60	5	1,742.89		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,109.81	1/4	3,881.26	1/4	3,598.64	1/4	3,225.95	1/4	2,853.24	1/4	2,480.52	1/4	2,107.83	1/4	1,735.12
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,105.05	1/2	3,876.50	1/2	3,590.88	1/2	3,218.18	1/2	2,845.48	1/2	2,472.76	1/2	2,100.07	1/2	1,727.36
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,100.29	3/4	3,871.74	3/4	3,583.12	3/4	3,210.42	3/4	2,837.71	3/4	2,465.00	3/4	2,092.30	3/4	1,719.60
6		6		6		6	3,866.98	6	3,575.36	6	3,202.65	6	2,829.95	6	2,457.24	6	2,084.53	6	1,711.83		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,090.76	1/4	3,862.21	1/4	3,567.60	1/4	3,194.88	1/4	2,822.19	1/4	2,449.48	1/4	2,076.76	1/4	1,704.07
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,086.00	1/2	3,857.45	1/2	3,559.83	1/2	3,187.12	1/2	2,814.42	1/2	2,441.71	1/2	2,069.00	1/2	1,696.30
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,081.24	3/4	3,852.69	3/4	3,552.07	3/4	3,179.36	3/4	2,806.65	3/4	2,433.95	3/4	2,061.24	3/4	1,688.54
7		7		7		7	3,847.93	7	3,544.31	7	3,171.60	7	2,798.89	7	2,426.19	7	2,053.48	7	1,680.77		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,071.71	1/4	3,843.17	1/4	3,536.55	1/4	3,163.83	1/4	2,791.12	1/4	2,418.43	1/4	2,045.71	1/4	1,673.00
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,066.95	1/2	3,838.40	1/2	3,528.78	1/2	3,156.07	1/2	2,783.36	1/2	2,410.66	1/2	2,037.95	1/2	1,665.24
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,062.19	3/4	3,833.64	3/4	3,521.01	3/4	3,148.30	3/4	2,775.60	3/4	2,402.89	3/4	2,030.18	3/4	1,657.48
8		8		8		8	3,828.88	8	3,513.24	8	3,140.53	8	2,767.83	8	2,395.13	8	2,022.41	8	1,649.71		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,052.67	1/4	3,824.12	1/4	3,505.48	1/4	3,132.76	1/4	2,760.07	1/4	2,387.36	1/4	2,014.64	1/4	1,641.95
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,047.90	1/2	3,819.36	1/2	3,497.71	1/2	3,125.00	1/2	2,752.30	1/2	2,379.60	1/2	2,006.88	1/2	1,634.18
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,043.14	3/4	3,814.60	3/4	3,489.95	3/4	3,117.24	3/4	2,744.54	3/4	2,371.83	3/4	1,999.12	3/4	1,626.42
9		9		9		9	3,809.83	9	3,482.19	9	3,109.48	9	2,736.77	9	2,364.07	9	1,991.36	9	1,618.65		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,033.62	1/4	3,805.07	1/4	3,474.43	1/4	3,101.71	1/4	2,729.00	1/4	2,356.31	1/4	1,983.60	1/4	1,610.88
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,028.86	1/2	3,800.18	1/2	3,466.66	1/2	3,093.95	1/2	2,721.24	1/2	2,348.54	1/2	1,975.83	1/2	1,603.12
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,024.11	3/4	3,795.30	3/4	3,458.89	3/4	3,086.18	3/4	2,713.48	3/4	2,340.77	3/4	1,968.06	3/4	1,595.36
10		10		10		10	3,790.41	10	3,451.13	10	3,078.41	10	2,705.71	10	2,333.01	10	1,960.29	10	1,587.60		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,014.60	1/4	3,785.52	1/4	3,443.36	1/4	3,070.64	1/4	2,697.95	1/4	2,325.24	1/4	1,952.52	1/4	1,579.83
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,009.83	1/2	3,780.26	1/2	3,435.60	1/2	3,062.88	1/2	2,690.18	1/2	2,317.48	1/2	1,944.76	1/2	1,572.07
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,005.07	3/4	3,775.00	3/4	3,427.83	3/4	3,055.12	3/4	2,682.42	3/4	2,309.71	3/4	1,937.00	3/4	1,564.30
11		11		11		11	3,769.74	11	3,420.07	11	3,047.36	11	2,674.65	11	2,301.95	11	1,929.24	11	1,556.53		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,995.55	1/4	3,764.48	1/4	3,412.31	1/4	3,039.60	1/4	2,666.88	1/4	2,294.19	1/4	1,921.48	1/4	1,548.76
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,990.79	1/2	3,758.71	1/2	3,404.54	1/2	3,031.83	1/2	2,659.12	1/2	2,286.42	1/2	1,913.71	1/2	1,541.00
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,986.02	3/4	3,752.95	3/4	3,396.77	3/4	3,024.07	3/4	2,651.36	3/4	2,278.65	3/4	1,905.95	3/4	1,533.24

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF THREADS ON "MMC" VALVE  
 GAUGE POINT: (MMC) LOCATED 13'-00" OFF CENTERLINE AND 40'-00" FORWARD OF AFT BULKHEAD.

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



# BARGE "CBC 337"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-01 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	
0	1,525.48	0	1,152.77	0	781.38	0	410.41	0	42.24	0		0		0		0		0	
1/4	1,517.71	1/4	1,145.00	1/4	773.64	1/4	402.64	1/4	35.52	1/4		1/4		1/4		1/4		1/4	
1/2	1,509.95	1/2	1,137.24	1/2	765.88	1/2	394.88	1/2	30.67	1/2		1/2		1/2		1/2		1/2	
3/4	1,502.18	3/4	1,129.48	3/4	758.12	3/4	387.12	3/4	25.82	3/4		3/4		3/4		3/4		3/4	
1	1,494.41	1	1,121.71	1	750.36	1	379.36	1	20.97	1		1		1		1		1	
1/4	1,486.64	1/4	1,113.95	1/4	742.60	1/4	371.60	1/4	16.12	1/4		1/4		1/4		1/4		1/4	
1/2	1,478.88	1/2	1,106.18	1/2	734.83	1/2	363.83	1/2	13.20	1/2		1/2		1/2		1/2		1/2	
3/4	1,471.12	3/4	1,098.42	3/4	727.06	3/4	356.06	3/4		3/4		3/4		3/4		3/4		3/4	
2	1,463.36	2	1,090.65	2	719.29	2	348.29	2		2		2		2		2		2	
1/4	1,455.60	1/4	1,082.88	1/4	711.52	1/4	340.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,447.83	1/2	1,075.15	1/2	703.76	1/2	332.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,440.06	3/4	1,067.42	3/4	696.00	3/4	325.00	3/4		3/4		3/4		3/4		3/4		3/4	
3	1,432.29	3	1,059.68	3	688.24	3	317.24	3		3		3		3		3		3	
1/4	1,424.52	1/4	1,051.95	1/4	680.48	1/4	309.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,416.76	1/2	1,044.23	1/2	672.71	1/2	301.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,409.00	3/4	1,036.50	3/4	664.95	3/4	293.94	3/4		3/4		3/4		3/4		3/4		3/4	
4	1,401.24	4	1,028.77	4	657.19	4	286.17	4		4		4		4		4		4	
1/4	1,393.48	1/4	1,021.05	1/4	649.43	1/4	278.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,385.71	1/2	1,013.32	1/2	641.66	1/2	270.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,377.94	3/4	1,005.58	3/4	633.89	3/4	262.88	3/4		3/4		3/4		3/4		3/4		3/4	
5	1,370.17	5	997.85	5	626.13	5	255.12	5		5		5		5		5		5	
1/4	1,362.40	1/4	990.12	1/4	618.36	1/4	247.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,354.64	1/2	982.39	1/2	610.65	1/2	239.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,346.88	3/4	974.66	3/4	602.94	3/4	231.82	3/4		3/4		3/4		3/4		3/4		3/4	
6	1,339.12	6	966.92	6	595.23	6	224.05	6		6		6		6		6		6	
1/4	1,331.36	1/4	959.19	1/4	587.52	1/4	216.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,323.60	1/2	951.46	1/2	579.85	1/2	208.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,315.83	3/4	943.73	3/4	572.17	3/4	200.90	3/4		3/4		3/4		3/4		3/4		3/4	
7	1,308.07	7	935.99	7	564.49	7	193.21	7		7		7		7		7		7	
1/4	1,300.31	1/4	928.26	1/4	556.81	1/4	185.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,292.54	1/2	920.54	1/2	549.11	1/2	177.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,284.77	3/4	912.81	3/4	541.42	3/4	170.13	3/4		3/4		3/4		3/4		3/4		3/4	
8	1,277.01	8	905.08	8	533.72	8	162.43	8		8		8		8		8		8	
1/4	1,269.24	1/4	897.36	1/4	526.02	1/4	154.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,261.48	1/2	889.62	1/2	518.33	1/2	147.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,253.71	3/4	881.89	3/4	510.64	3/4	139.36	3/4		3/4		3/4		3/4		3/4		3/4	
9	1,245.95	9	874.16	9	502.95	9	131.67	9		9		9		9		9		9	
1/4	1,238.19	1/4	866.43	1/4	495.26	1/4	123.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,230.42	1/2	858.70	1/2	487.57	1/2	116.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,222.65	3/4	850.96	3/4	479.87	3/4	108.58	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,214.89	10	843.23	10	472.17	10	100.89	10		10		10		10		10		10	
1/4	1,207.12	1/4	835.50	1/4	464.48	1/4	93.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,199.36	1/2	827.77	1/2	456.79	1/2	85.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,191.60	3/4	820.04	3/4	449.10	3/4	77.80	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,183.83	11	812.30	11	441.40	11	70.10	11		11		11		11		11		11	
1/4	1,176.07	1/4	804.57	1/4	433.71	1/4	62.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,168.30	1/2	796.84	1/2	425.95	1/2	55.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,160.54	3/4	789.11	3/4	418.18	3/4	48.96	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/20/2002 INSP.  
DECK MEASUREMENTS: 06/15/2012 SW  
REPRINTED: 06/18/2012 SW

CANCELS AND SUPERCEDES  
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PRECISION MEASUREMENT  
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# BARGE "CBC 337"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-01 1/4"

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		0		0	3,976.50	0	3,741.43	0	3,381.24	0	3,008.55	0	2,635.83	0	2,263.12	0	1,890.43		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,188.64	1/4	3,971.74	1/4	3,735.17	1/4	3,373.48	1/4	3,000.78	1/4	2,628.07	1/4	2,255.36	1/4	1,882.66
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,185.46	1/2	3,966.98	1/2	3,728.90	1/2	3,365.71	1/2	2,993.01	1/2	2,620.30	1/2	2,247.60	1/2	1,874.89
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,182.29	3/4	3,962.21	3/4	3,722.64	3/4	3,357.95	3/4	2,985.24	3/4	2,612.53	3/4	2,239.83	3/4	1,867.13
1		1		1		1	4,179.12	1	3,957.45	1	3,716.38	1	3,350.19	1	2,977.48	1	2,604.76	1	2,232.07	1	1,859.36
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,175.42	1/4	3,952.69	1/4	3,709.62	1/4	3,342.42	1/4	2,969.71	1/4	2,597.00	1/4	2,224.30	1/4	1,851.60
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,171.71	1/2	3,947.93	1/2	3,702.86	1/2	3,334.65	1/2	2,961.95	1/2	2,589.24	1/2	2,216.54	1/2	1,843.83
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,168.01	3/4	3,943.17	3/4	3,696.10	3/4	3,326.89	3/4	2,954.19	3/4	2,581.48	3/4	2,208.77	3/4	1,836.07
2		2		2		2	4,164.31	2	3,938.40	2	3,689.33	2	3,319.12	2	2,946.43	2	2,573.71	2	2,201.00	2	1,828.31
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,160.08	1/4	3,933.64	1/4	3,682.07	1/4	3,311.36	1/4	2,938.66	1/4	2,565.95	1/4	2,193.24	1/4	1,820.54
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,155.85	1/2	3,928.88	1/2	3,674.80	1/2	3,303.60	1/2	2,930.89	1/2	2,558.18	1/2	2,185.48	1/2	1,812.77
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,151.61	3/4	3,924.12	3/4	3,667.53	3/4	3,295.83	3/4	2,923.13	3/4	2,550.41	3/4	2,177.71	3/4	1,805.01
3		3		3		3	4,147.38	3	3,919.36	3	3,660.26	3	3,288.07	3	2,915.36	3	2,542.64	3	2,169.95	3	1,797.24
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,142.75	1/4	3,914.60	1/4	3,652.63	1/4	3,280.30	1/4	2,907.60	1/4	2,534.88	1/4	2,162.18	1/4	1,789.48
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,138.12	1/2	3,909.83	1/2	3,644.99	1/2	3,272.54	1/2	2,899.83	1/2	2,527.12	1/2	2,154.42	1/2	1,781.71
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,133.49	3/4	3,905.07	3/4	3,637.35	3/4	3,264.77	3/4	2,892.07	3/4	2,519.36	3/4	2,146.65	3/4	1,773.95
4		4		4		4	4,128.86	4	3,900.31	4	3,629.71	4	3,257.00	4	2,884.31	4	2,511.60	4	2,138.88	4	1,766.19
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,124.10	1/4	3,895.55	1/4	3,621.95	1/4	3,249.24	1/4	2,876.54	1/4	2,503.83	1/4	2,131.12	1/4	1,758.42
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,119.33	1/2	3,890.79	1/2	3,614.18	1/2	3,241.48	1/2	2,868.77	1/2	2,496.06	1/2	2,123.36	1/2	1,750.65
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,114.57	3/4	3,886.02	3/4	3,606.41	3/4	3,233.71	3/4	2,861.01	3/4	2,488.29	3/4	2,115.60	3/4	1,742.89
5		5		5		5	4,109.81	5	3,881.26	5	3,598.64	5	3,225.95	5	2,853.24	5	2,480.52	5	2,107.83	5	1,735.12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,105.05	1/4	3,876.50	1/4	3,590.88	1/4	3,218.18	1/4	2,845.48	1/4	2,472.76	1/4	2,100.07	1/4	1,727.36
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,100.29	1/2	3,871.74	1/2	3,583.12	1/2	3,210.42	1/2	2,837.71	1/2	2,465.00	1/2	2,092.30	1/2	1,719.60
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,095.52	3/4	3,866.98	3/4	3,575.36	3/4	3,202.65	3/4	2,829.95	3/4	2,457.24	3/4	2,084.53	3/4	1,711.83
6		6		6		6	4,090.76	6	3,862.21	6	3,567.60	6	3,194.88	6	2,822.19	6	2,449.48	6	2,076.76	6	1,704.07
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,086.00	1/4	3,857.45	1/4	3,559.83	1/4	3,187.12	1/4	2,814.42	1/4	2,441.71	1/4	2,069.00	1/4	1,696.30
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,081.24	1/2	3,852.69	1/2	3,552.07	1/2	3,179.36	1/2	2,806.65	1/2	2,433.95	1/2	2,061.24	1/2	1,688.54
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,076.48	3/4	3,847.93	3/4	3,544.31	3/4	3,171.60	3/4	2,798.89	3/4	2,426.19	3/4	2,053.48	3/4	1,680.77
7		7		7		7	4,071.71	7	3,843.17	7	3,536.55	7	3,163.83	7	2,791.12	7	2,418.43	7	2,045.71	7	1,673.00
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,066.95	1/4	3,838.40	1/4	3,528.78	1/4	3,156.07	1/4	2,783.36	1/4	2,410.66	1/4	2,037.95	1/4	1,665.24
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,062.19	1/2	3,833.64	1/2	3,521.01	1/2	3,148.30	1/2	2,775.60	1/2	2,402.89	1/2	2,030.18	1/2	1,657.48
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,057.43	3/4	3,828.88	3/4	3,513.24	3/4	3,140.53	3/4	2,767.83	3/4	2,395.13	3/4	2,022.41	3/4	1,649.71
8		8		8		8	4,052.67	8	3,824.12	8	3,505.48	8	3,132.76	8	2,760.07	8	2,387.36	8	2,014.64	8	1,641.95
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,047.90	1/4	3,819.36	1/4	3,497.71	1/4	3,125.00	1/4	2,752.30	1/4	2,379.60	1/4	2,006.88	1/4	1,634.18
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,043.14	1/2	3,814.60	1/2	3,489.95	1/2	3,117.24	1/2	2,744.54	1/2	2,371.83	1/2	1,999.12	1/2	1,626.42
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,038.38	3/4	3,809.83	3/4	3,482.19	3/4	3,109.48	3/4	2,736.77	3/4	2,364.07	3/4	1,991.36	3/4	1,618.65
9		9		9		9	4,033.62	9	3,805.07	9	3,474.43	9	3,101.71	9	2,729.00	9	2,356.31	9	1,983.60	9	1,610.88
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,028.86	1/4	3,800.18	1/4	3,466.66	1/4	3,093.95	1/4	2,721.24	1/4	2,348.54	1/4	1,975.83	1/4	1,603.12
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,024.11	1/2	3,795.30	1/2	3,458.89	1/2	3,086.18	1/2	2,713.48	1/2	2,340.77	1/2	1,968.06	1/2	1,595.36
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,019.35	3/4	3,790.41	3/4	3,451.13	3/4	3,078.41	3/4	2,705.71	3/4	2,333.01	3/4	1,960.29	3/4	1,587.60
10		10		10		10	4,014.60	10	3,785.52	10	3,443.36	10	3,070.64	10	2,697.95	10	2,325.24	10	1,952.52	10	1,579.83
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,009.83	1/4	3,780.26	1/4	3,435.60	1/4	3,062.88	1/4	2,690.18	1/4	2,317.48	1/4	1,944.76	1/4	1,572.07
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,005.07	1/2	3,775.00	1/2	3,427.83	1/2	3,055.12	1/2	2,682.42	1/2	2,309.71	1/2	1,937.00	1/2	1,564.30
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,000.31	3/4	3,769.74	3/4	3,420.07	3/4	3,047.36	3/4	2,674.65	3/4	2,301.95	3/4	1,929.24	3/4	1,556.53
11		11		11		11	3,995.55	11	3,764.48	11	3,412.31	11	3,039.60	11	2,666.88	11	2,294.19	11	1,921.48	11	1,548.76
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,990.79	1/4	3,758.71	1/4	3,404.54	1/4	3,031.83	1/4	2,659.12	1/4	2,286.42	1/4	1,913.71	1/4	1,541.00
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,986.02	1/2	3,752.95	1/2	3,396.77	1/2	3,024.07	1/2	2,651.36	1/2	2,278.65	1/2	1,905.95	1/2	1,533.24
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,981.26	3/4	3,747.19	3/4	3,389.01	3/4	3,016.31	3/4	2,643.60	3/4	2,270.89	3/4	1,898.19	3/4	1,525.48

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF THREADS ON "MMC" VALVE  
 GAUGE POINT: (MMC) LOCATED 13'-00" OFF CENTERLINE AND 40'-00" FORWARD OF AFT BULKHEAD.

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



# BARGE "CBC 337"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-01 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,517.71	0	1,145.00	0	773.64	0	402.64	0	35.52	0		0		0		0		0	
1/4	1,509.95	1/4	1,137.24	1/4	765.88	1/4	394.88	1/4	30.67	1/4		1/4		1/4		1/4		1/4	
1/2	1,502.18	1/2	1,129.48	1/2	758.12	1/2	387.12	1/2	25.82	1/2		1/2		1/2		1/2		1/2	
3/4	1,494.41	3/4	1,121.71	3/4	750.36	3/4	379.36	3/4	20.97	3/4		3/4		3/4		3/4		3/4	
1	1,486.64	1	1,113.95	1	742.60	1	371.60	1	16.12	1		1		1		1		1	
1/4	1,478.88	1/4	1,106.18	1/4	734.83	1/4	363.83	1/4	13.20	1/4		1/4		1/4		1/4		1/4	
1/2	1,471.12	1/2	1,098.42	1/2	727.06	1/2	356.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,463.36	3/4	1,090.65	3/4	719.29	3/4	348.29	3/4		3/4		3/4		3/4		3/4		3/4	
2	1,455.60	2	1,082.88	2	711.52	2	340.52	2		2		2		2		2		2	
1/4	1,447.83	1/4	1,075.15	1/4	703.76	1/4	332.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,440.06	1/2	1,067.42	1/2	696.00	1/2	325.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,432.29	3/4	1,059.68	3/4	688.24	3/4	317.24	3/4		3/4		3/4		3/4		3/4		3/4	
3	1,424.52	3	1,051.95	3	680.48	3	309.48	3		3		3		3		3		3	
1/4	1,416.76	1/4	1,044.23	1/4	672.71	1/4	301.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,409.00	1/2	1,036.50	1/2	664.95	1/2	293.94	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,401.24	3/4	1,028.77	3/4	657.19	3/4	286.17	3/4		3/4		3/4		3/4		3/4		3/4	
4	1,393.48	4	1,021.05	4	649.43	4	278.40	4		4		4		4		4		4	
1/4	1,385.71	1/4	1,013.32	1/4	641.66	1/4	270.64	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,377.94	1/2	1,005.58	1/2	633.89	1/2	262.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,370.17	3/4	997.85	3/4	626.13	3/4	255.12	3/4		3/4		3/4		3/4		3/4		3/4	
5	1,362.40	5	990.12	5	618.36	5	247.36	5		5		5		5		5		5	
1/4	1,354.64	1/4	982.39	1/4	610.65	1/4	239.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,346.88	1/2	974.66	1/2	602.94	1/2	231.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,339.12	3/4	966.92	3/4	595.23	3/4	224.05	3/4		3/4		3/4		3/4		3/4		3/4	
6	1,331.36	6	959.19	6	587.52	6	216.29	6		6		6		6		6		6	
1/4	1,323.60	1/4	951.46	1/4	579.85	1/4	208.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,315.83	1/2	943.73	1/2	572.17	1/2	200.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,308.07	3/4	935.99	3/4	564.49	3/4	193.21	3/4		3/4		3/4		3/4		3/4		3/4	
7	1,300.31	7	928.26	7	556.81	7	185.52	7		7		7		7		7		7	
1/4	1,292.54	1/4	920.54	1/4	549.11	1/4	177.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,284.77	1/2	912.81	1/2	541.42	1/2	170.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,277.01	3/4	905.08	3/4	533.72	3/4	162.43	3/4		3/4		3/4		3/4		3/4		3/4	
8	1,269.24	8	897.36	8	526.02	8	154.74	8		8		8		8		8		8	
1/4	1,261.48	1/4	889.62	1/4	518.33	1/4	147.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,253.71	1/2	881.89	1/2	510.64	1/2	139.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,245.95	3/4	874.16	3/4	502.95	3/4	131.67	3/4		3/4		3/4		3/4		3/4		3/4	
9	1,238.19	9	866.43	9	495.26	9	123.98	9		9		9		9		9		9	
1/4	1,230.42	1/4	858.70	1/4	487.57	1/4	116.28	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,222.65	1/2	850.96	1/2	479.87	1/2	108.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,214.89	3/4	843.23	3/4	472.17	3/4	100.89	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,207.12	10	835.50	10	464.48	10	93.19	10		10		10		10		10		10	
1/4	1,199.36	1/4	827.77	1/4	456.79	1/4	85.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,191.60	1/2	820.04	1/2	449.10	1/2	77.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,183.83	3/4	812.30	3/4	441.40	3/4	70.10	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,176.07	11	804.57	11	433.71	11	62.40	11		11		11		11		11		11	
1/4	1,168.30	1/4	796.84	1/4	425.95	1/4	55.68	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,160.54	1/2	789.11	1/2	418.18	1/2	48.96	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,152.77	3/4	781.38	3/4	410.41	3/4	42.24	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/20/2002 INSP.  
DECK MEASUREMENTS: 06/15/2012 SW  
REPRINTED: 06/18/2012 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2012

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

# CBC 337 Fuel Tank Strapping Table

IN GALLONS

**CBC 329-CBC 338**

Feet Inches	0	1	2	3
0	0	3456	6912	10368
1	288	3744	7200	10656
2	576	4032	7488	10944
3	864	4320	7776	11232
4	1152	4608	8064	11520
5	1440	4896	8352	11808
6	1728	5184	8640	
7	2016	5472	8928	
8	2304	5760	9216	
9	2592	6048	9504	
10	2880	6336	9792	
11	3168	6624	10080	