



BARGE "CBC 336"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 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"

May 7, 2012

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 336"

1 PORT 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	4,172.52	0	3,797.09	0	3,421.67	0	3,046.21	0	2,670.78	0	2,295.36	0	1,919.90		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,515.39	1/4	4,164.70	1/4	3,789.27	1/4	3,413.84	1/4	3,038.39	1/4	2,662.96	1/4	2,287.54	1/4	1,912.08
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,510.61	1/2	4,156.88	1/2	3,781.45	1/2	3,406.02	1/2	3,030.57	1/2	2,655.14	1/2	2,279.71	1/2	1,904.26
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,505.83	3/4	4,149.06	3/4	3,773.63	3/4	3,398.20	3/4	3,022.75	3/4	2,647.32	3/4	2,271.89	3/4	1,896.44
1		1		1		1	4,501.05	1	4,141.23	1	3,765.81	1	3,390.38	1	3,014.93	1	2,639.50	1	2,264.07	1	1,888.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,495.40	1/4	4,133.41	1/4	3,757.99	1/4	3,382.56	1/4	3,007.10	1/4	2,631.68	1/4	2,256.24	1/4	1,880.80
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,489.75	1/2	4,125.59	1/2	3,750.16	1/2	3,374.74	1/2	2,999.28	1/2	2,623.86	1/2	2,248.41	1/2	1,872.97
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,484.10	3/4	4,117.77	3/4	3,742.34	3/4	3,366.92	3/4	2,991.46	3/4	2,616.03	3/4	2,240.59	3/4	1,865.15
2		2		2		2	4,478.45	2	4,109.95	2	3,734.52	2	3,359.09	2	2,983.64	2	2,608.21	2	2,232.76	2	1,857.33
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,471.93	1/4	4,102.13	1/4	3,726.70	1/4	3,351.27	1/4	2,975.82	1/4	2,600.39	1/4	2,224.94	1/4	1,849.51
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,465.42	1/2	4,094.31	1/2	3,718.88	1/2	3,343.45	1/2	2,968.00	1/2	2,592.57	1/2	2,217.12	1/2	1,841.69
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,458.90	3/4	4,086.48	3/4	3,711.06	3/4	3,335.63	3/4	2,960.18	3/4	2,584.75	3/4	2,209.29	3/4	1,833.87
3		3		3		3	4,452.38	3	4,078.66	3	3,703.24	3	3,327.81	3	2,952.35	3	2,576.93	3	2,201.47	3	1,826.05
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,444.99	1/4	4,070.84	1/4	3,695.41	1/4	3,319.99	1/4	2,944.53	1/4	2,569.11	1/4	2,193.65	1/4	1,818.22
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,437.61	1/2	4,063.02	1/2	3,687.59	1/2	3,312.17	1/2	2,936.71	1/2	2,561.28	1/2	2,185.83	1/2	1,810.40
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,430.22	3/4	4,055.20	3/4	3,679.77	3/4	3,304.34	3/4	2,928.89	3/4	2,553.46	3/4	2,178.01	3/4	1,802.58
4		4		4		4	4,422.83	4	4,047.38	4	3,671.95	4	3,296.52	4	2,921.07	4	2,545.64	4	2,170.19	4	1,794.76
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,415.01	1/4	4,039.56	1/4	3,664.13	1/4	3,288.70	1/4	2,913.25	1/4	2,537.82	1/4	2,162.37	1/4	1,786.94
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,407.19	1/2	4,031.74	1/2	3,656.31	1/2	3,280.88	1/2	2,905.43	1/2	2,530.00	1/2	2,154.54	1/2	1,779.12
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,399.37	3/4	4,023.91	3/4	3,648.49	3/4	3,273.06	3/4	2,897.60	3/4	2,522.18	3/4	2,146.72	3/4	1,771.30
5		5		5		5	4,391.55	5	4,016.09	5	3,640.67	5	3,265.24	5	2,889.78	5	2,514.36	5	2,138.90	5	1,763.47
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,383.73	1/4	4,008.27	1/4	3,632.84	1/4	3,257.42	1/4	2,881.96	1/4	2,506.53	1/4	2,131.08	1/4	1,755.65
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,375.90	1/2	4,000.45	1/2	3,625.02	1/2	3,249.60	1/2	2,874.14	1/2	2,498.71	1/2	2,123.26	1/2	1,747.83
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,368.08	3/4	3,992.63	3/4	3,617.20	3/4	3,241.77	3/4	2,866.32	3/4	2,490.89	3/4	2,115.44	3/4	1,740.01
6		6		6		6	4,360.26	6	3,984.81	6	3,609.38	6	3,233.95	6	2,858.50	6	2,483.07	6	2,107.62	6	1,732.19
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,352.44	1/4	3,976.99	1/4	3,601.56	1/4	3,226.12	1/4	2,850.68	1/4	2,475.25	1/4	2,099.79	1/4	1,724.37
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,344.62	1/2	3,969.16	1/2	3,593.74	1/2	3,218.30	1/2	2,842.86	1/2	2,467.43	1/2	2,091.97	1/2	1,716.55
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,336.80	3/4	3,961.34	3/4	3,585.92	3/4	3,210.47	3/4	2,835.03	3/4	2,459.61	3/4	2,084.15	3/4	1,708.72
7		7		7		7	4,328.98	7	3,953.52	7	3,578.09	7	3,202.64	7	2,827.21	7	2,451.79	7	2,076.33	7	1,700.90
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,321.15	1/4	3,945.70	1/4	3,570.27	1/4	3,194.82	1/4	2,819.39	1/4	2,443.96	1/4	2,068.51	1/4	1,693.08
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,313.33	1/2	3,937.88	1/2	3,562.45	1/2	3,187.00	1/2	2,811.57	1/2	2,436.14	1/2	2,060.69	1/2	1,685.26
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,305.51	3/4	3,930.06	3/4	3,554.63	3/4	3,179.18	3/4	2,803.75	3/4	2,428.32	3/4	2,052.87	3/4	1,677.44
8		8		8		8	4,297.69	8	3,922.24	8	3,546.81	8	3,171.35	8	2,795.93	8	2,420.50	8	2,045.04	8	1,669.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,289.87	1/4	3,914.41	1/4	3,538.99	1/4	3,163.53	1/4	2,788.11	1/4	2,412.68	1/4	2,037.22	1/4	1,661.80
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,282.05	1/2	3,906.59	1/2	3,531.17	1/2	3,155.71	1/2	2,780.28	1/2	2,404.86	1/2	2,029.40	1/2	1,653.97
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,274.23	3/4	3,898.77	3/4	3,523.34	3/4	3,147.89	3/4	2,772.46	3/4	2,397.04	3/4	2,021.58	3/4	1,646.15
9		9		9		9	4,266.40	9	3,890.95	9	3,515.52	9	3,140.07	9	2,764.64	9	2,389.21	9	2,013.76	9	1,638.33
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,258.58	1/4	3,883.13	1/4	3,507.70	1/4	3,132.25	1/4	2,756.82	1/4	2,381.39	1/4	2,005.94	1/4	1,630.51
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,250.76	1/2	3,875.31	1/2	3,499.88	1/2	3,124.43	1/2	2,749.00	1/2	2,373.57	1/2	1,998.12	1/2	1,622.69
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,242.94	3/4	3,867.49	3/4	3,492.06	3/4	3,116.60	3/4	2,741.18	3/4	2,365.75	3/4	1,990.29	3/4	1,614.87
10		10		10		10	4,235.12	10	3,859.66	10	3,484.24	10	3,108.78	10	2,733.36	10	2,357.93	10	1,982.47	10	1,607.05
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,227.30	1/4	3,851.84	1/4	3,476.42	1/4	3,100.96	1/4	2,725.53	1/4	2,350.11	1/4	1,974.65	1/4	1,599.22
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,219.48	1/2	3,844.02	1/2	3,468.59	1/2	3,093.14	1/2	2,717.71	1/2	2,342.29	1/2	1,966.83	1/2	1,591.40
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,211.65	3/4	3,836.20	3/4	3,460.77	3/4	3,085.32	3/4	2,709.89	3/4	2,334.46	3/4	1,959.01	3/4	1,583.58
11		11		11		11	4,203.83	11	3,828.38	11	3,452.95	11	3,077.50	11	2,702.07	11	2,326.64	11	1,951.19	11	1,575.76
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,196.00	1/4	3,820.56	1/4	3,445.13	1/4	3,069.68	1/4	2,694.25	1/4	2,318.82	1/4	1,943.37	1/4	1,567.94
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,188.18	1/2	3,812.74	1/2	3,437.31	1/2	3,061.85	1/2	2,686.43	1/2	2,311.00	1/2	1,935.55	1/2	1,560.12
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,180.35	3/4	3,804.91	3/4	3,429.49	3/4	3,054.03	3/4	2,678.61	3/4	2,303.18	3/4	1,927.72	3/4	1,552.30

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 35'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 336"

1 PORT 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	1,544.48	0	1,169.02	0	794.88	0	421.24	0	49.31	0		0		0		0		0	
1/4	1,536.65	1/4	1,161.20	1/4	787.08	1/4	413.42	1/4	43.48	1/4		1/4		1/4		1/4		1/4	
1/2	1,528.83	1/2	1,153.38	1/2	779.27	1/2	405.59	1/2	37.65	1/2		1/2		1/2		1/2		1/2	
3/4	1,521.01	3/4	1,145.56	3/4	771.47	3/4	397.77	3/4	31.83	3/4		3/4		3/4		3/4		3/4	
1	1,513.19	1	1,137.74	1	763.67	1	389.95	1	26.00	1		1		1		1		1	
1/4	1,505.37	1/4	1,129.92	1/4	755.84	1/4	382.13	1/4	22.09	1/4		1/4		1/4		1/4		1/4	
1/2	1,497.55	1/2	1,122.10	1/2	748.02	1/2	374.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,489.73	3/4	1,114.27	3/4	740.20	3/4	366.49	3/4		3/4		3/4		3/4		3/4		3/4	
2	1,481.90	2	1,106.45	2	732.38	2	358.67	2		2		2		2		2		2	
1/4	1,474.08	1/4	1,098.65	1/4	724.56	1/4	350.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,466.26	1/2	1,090.85	1/2	716.74	1/2	343.02	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,458.44	3/4	1,083.04	3/4	708.92	3/4	335.20	3/4		3/4		3/4		3/4		3/4		3/4	
3	1,450.62	3	1,075.24	3	701.10	3	327.38	3		3		3		3		3		3	
1/4	1,442.80	1/4	1,067.45	1/4	693.27	1/4	319.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,434.98	1/2	1,059.67	1/2	685.45	1/2	311.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,427.15	3/4	1,051.88	3/4	677.63	3/4	303.92	3/4		3/4		3/4		3/4		3/4		3/4	
4	1,419.33	4	1,044.10	4	669.81	4	296.10	4		4		4		4		4		4	
1/4	1,411.51	1/4	1,036.31	1/4	661.99	1/4	288.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,403.69	1/2	1,028.52	1/2	654.17	1/2	280.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,395.87	3/4	1,020.74	3/4	646.35	3/4	272.63	3/4		3/4		3/4		3/4		3/4		3/4	
5	1,388.05	5	1,012.95	5	638.52	5	264.81	5		5		5		5		5		5	
1/4	1,380.23	1/4	1,005.16	1/4	630.74	1/4	256.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,372.40	1/2	997.37	1/2	622.95	1/2	249.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,364.58	3/4	989.58	3/4	615.17	3/4	241.35	3/4		3/4		3/4		3/4		3/4		3/4	
6	1,356.76	6	981.79	6	607.38	6	233.52	6		6		6		6		6		6	
1/4	1,348.94	1/4	974.00	1/4	599.63	1/4	225.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,341.12	1/2	966.21	1/2	591.88	1/2	217.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,333.30	3/4	958.43	3/4	584.13	3/4	210.17	3/4		3/4		3/4		3/4		3/4		3/4	
7	1,325.48	7	950.64	7	576.38	7	202.38	7		7		7		7		7		7	
1/4	1,317.65	1/4	942.86	1/4	568.63	1/4	194.63	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,309.83	1/2	935.07	1/2	560.88	1/2	186.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,302.01	3/4	927.29	3/4	553.13	3/4	179.13	3/4		3/4		3/4		3/4		3/4		3/4	
8	1,294.19	8	919.50	8	545.38	8	171.38	8		8		8		8		8		8	
1/4	1,286.36	1/4	911.71	1/4	537.63	1/4	163.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,278.54	1/2	903.92	1/2	529.88	1/2	155.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,270.71	3/4	896.12	3/4	522.13	3/4	148.11	3/4		3/4		3/4		3/4		3/4		3/4	
9	1,262.88	9	888.33	9	514.38	9	140.36	9		9		9		9		9		9	
1/4	1,255.06	1/4	880.55	1/4	506.63	1/4	132.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,247.24	1/2	872.76	1/2	498.88	1/2	124.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,239.42	3/4	864.98	3/4	491.13	3/4	117.11	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,231.59	10	857.19	10	483.38	10	109.36	10		10		10		10		10		10	
1/4	1,223.77	1/4	849.40	1/4	475.63	1/4	101.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,215.95	1/2	841.62	1/2	467.88	1/2	93.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,208.13	3/4	833.83	3/4	460.13	3/4	86.11	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,200.31	11	826.05	11	452.38	11	78.36	11		11		11		11		11		11	
1/4	1,192.49	1/4	818.26	1/4	444.59	1/4	71.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,184.67	1/2	810.46	1/2	436.81	1/2	63.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,176.84	3/4	802.67	3/4	429.02	3/4	56.57	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/07/2002 INSP.
DECK MEASUREMENTS: 05/07/2012 SW
REPRINTED: 05/08/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2012

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



BARGE "CBC 336"

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	4,156.88	0	3,781.45	0	3,406.02	0	3,030.57	0	2,655.14	0	2,279.71	0	1,904.26		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,505.38	1/4	4,149.06	1/4	3,773.63	1/4	3,398.20	1/4	3,022.75	1/4	2,647.32	1/4	2,271.89	1/4	1,896.44
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,500.17	1/2	4,141.23	1/2	3,765.81	1/2	3,390.38	1/2	3,014.93	1/2	2,639.50	1/2	2,264.07	1/2	1,888.62
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,494.95	3/4	4,133.41	3/4	3,757.99	3/4	3,382.56	3/4	3,007.10	3/4	2,631.68	3/4	2,256.25	3/4	1,880.80
1		1		1		1	4,489.74	1	4,125.59	1	3,750.16	1	3,374.74	1	2,999.28	1	2,623.86	1	2,248.43	1	1,872.97
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,483.65	1/4	4,117.77	1/4	3,742.34	1/4	3,366.92	1/4	2,991.46	1/4	2,616.03	1/4	2,240.60	1/4	1,865.15
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,477.57	1/2	4,109.95	1/2	3,734.52	1/2	3,359.09	1/2	2,983.64	1/2	2,608.21	1/2	2,232.77	1/2	1,857.33
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,471.49	3/4	4,102.13	3/4	3,726.70	3/4	3,351.27	3/4	2,975.82	3/4	2,600.39	3/4	2,224.94	3/4	1,849.51
2		2		2		2	4,465.40	2	4,094.31	2	3,718.88	2	3,343.45	2	2,968.00	2	2,592.57	2	2,217.12	2	1,841.69
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,458.45	1/4	4,086.48	1/4	3,711.06	1/4	3,335.63	1/4	2,960.18	1/4	2,584.75	1/4	2,209.29	1/4	1,833.87
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,451.50	1/2	4,078.66	1/2	3,703.24	1/2	3,327.81	1/2	2,952.35	1/2	2,576.93	1/2	2,201.47	1/2	1,826.05
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,444.55	3/4	4,070.84	3/4	3,695.41	3/4	3,319.99	3/4	2,944.53	3/4	2,569.11	3/4	2,193.65	3/4	1,818.22
3		3		3		3	4,437.60	3	4,063.02	3	3,687.59	3	3,312.17	3	2,936.71	3	2,561.28	3	2,185.83	3	1,810.40
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,429.99	1/4	4,055.20	1/4	3,679.77	1/4	3,304.34	1/4	2,928.89	1/4	2,553.46	1/4	2,178.01	1/4	1,802.58
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,422.39	1/2	4,047.38	1/2	3,671.95	1/2	3,296.52	1/2	2,921.07	1/2	2,545.64	1/2	2,170.19	1/2	1,794.76
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,414.79	3/4	4,039.56	3/4	3,664.13	3/4	3,288.70	3/4	2,913.25	3/4	2,537.82	3/4	2,162.37	3/4	1,786.94
4		4		4		4	4,407.19	4	4,031.74	4	3,656.31	4	3,280.88	4	2,905.43	4	2,530.00	4	2,154.54	4	1,779.12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,399.37	1/4	4,023.91	1/4	3,648.49	1/4	3,273.06	1/4	2,897.60	1/4	2,522.18	1/4	2,146.72	1/4	1,771.30
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,391.55	1/2	4,016.09	1/2	3,640.67	1/2	3,265.24	1/2	2,889.78	1/2	2,514.36	1/2	2,138.90	1/2	1,763.47
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,383.73	3/4	4,008.27	3/4	3,632.84	3/4	3,257.42	3/4	2,881.96	3/4	2,506.53	3/4	2,131.08	3/4	1,755.65
5		5		5		5	4,375.90	5	4,000.45	5	3,625.02	5	3,249.60	5	2,874.14	5	2,498.71	5	2,123.26	5	1,747.83
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,368.08	1/4	3,992.63	1/4	3,617.20	1/4	3,241.77	1/4	2,866.32	1/4	2,490.89	1/4	2,115.44	1/4	1,740.01
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,360.26	1/2	3,984.81	1/2	3,609.38	1/2	3,233.94	1/2	2,858.50	1/2	2,483.07	1/2	2,107.62	1/2	1,732.19
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,352.44	3/4	3,976.99	3/4	3,601.56	3/4	3,226.11	3/4	2,850.68	3/4	2,475.25	3/4	2,099.79	3/4	1,724.37
6		6		6		6	4,344.62	6	3,969.16	6	3,593.74	6	3,218.28	6	2,842.86	6	2,467.43	6	2,091.97	6	1,716.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,336.80	1/4	3,961.34	1/4	3,585.92	1/4	3,210.46	1/4	2,835.03	1/4	2,459.61	1/4	2,084.15	1/4	1,708.72
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,328.98	1/2	3,953.52	1/2	3,578.09	1/2	3,202.64	1/2	2,827.21	1/2	2,451.79	1/2	2,076.33	1/2	1,700.90
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,321.15	3/4	3,945.70	3/4	3,570.27	3/4	3,194.82	3/4	2,819.39	3/4	2,443.96	3/4	2,068.51	3/4	1,693.08
7		7		7		7	4,313.33	7	3,937.88	7	3,562.45	7	3,187.00	7	2,811.57	7	2,436.14	7	2,060.69	7	1,685.26
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,305.51	1/4	3,930.06	1/4	3,554.63	1/4	3,179.18	1/4	2,803.75	1/4	2,428.32	1/4	2,052.87	1/4	1,677.44
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,297.69	1/2	3,922.24	1/2	3,546.81	1/2	3,171.35	1/2	2,795.93	1/2	2,420.50	1/2	2,045.04	1/2	1,669.62
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,289.87	3/4	3,914.41	3/4	3,538.99	3/4	3,163.53	3/4	2,788.11	3/4	2,412.68	3/4	2,037.22	3/4	1,661.80
8		8		8		8	4,282.05	8	3,906.59	8	3,531.17	8	3,155.71	8	2,780.28	8	2,404.86	8	2,029.40	8	1,653.97
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,274.23	1/4	3,898.77	1/4	3,523.34	1/4	3,147.89	1/4	2,772.46	1/4	2,397.04	1/4	2,021.58	1/4	1,646.15
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,266.40	1/2	3,890.95	1/2	3,515.52	1/2	3,140.07	1/2	2,764.64	1/2	2,389.21	1/2	2,013.76	1/2	1,638.33
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,258.58	3/4	3,883.13	3/4	3,507.70	3/4	3,132.25	3/4	2,756.82	3/4	2,381.39	3/4	2,005.94	3/4	1,630.51
9		9		9		9	4,250.76	9	3,875.31	9	3,499.88	9	3,124.43	9	2,749.00	9	2,373.57	9	1,998.12	9	1,622.69
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,242.94	1/4	3,867.49	1/4	3,492.06	1/4	3,116.60	1/4	2,741.18	1/4	2,365.75	1/4	1,990.29	1/4	1,614.87
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,235.12	1/2	3,859.66	1/2	3,484.24	1/2	3,108.78	1/2	2,733.36	1/2	2,357.93	1/2	1,982.47	1/2	1,607.05
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,227.30	3/4	3,851.84	3/4	3,476.42	3/4	3,100.96	3/4	2,725.53	3/4	2,350.11	3/4	1,974.65	3/4	1,599.22
10		10		10		10	4,219.48	10	3,844.02	10	3,468.59	10	3,093.14	10	2,717.71	10	2,342.29	10	1,966.83	10	1,591.40
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,211.65	1/4	3,836.20	1/4	3,460.77	1/4	3,085.32	1/4	2,709.89	1/4	2,334.46	1/4	1,959.01	1/4	1,583.58
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,203.82	1/2	3,828.38	1/2	3,452.95	1/2	3,077.50	1/2	2,702.07	1/2	2,326.64	1/2	1,951.19	1/2	1,575.76
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,195.99	3/4	3,820.56	3/4	3,445.13	3/4	3,069.68	3/4	2,694.25	3/4	2,318.82	3/4	1,943.37	3/4	1,567.94
11		11		11		11	4,188.16	11	3,812.74	11	3,437.31	11	3,061.85	11	2,686.43	11	2,311.00	11	1,935.55	11	1,560.12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,180.34	1/4	3,804.91	1/4	3,429.49	1/4	3,054.03	1/4	2,678.61	1/4	2,303.18	1/4	1,927.72	1/4	1,552.30
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,172.52	1/2	3,797.09	1/2	3,421.67	1/2	3,046.21	1/2	2,670.78	1/2	2,295.36	1/2	1,919.90	1/2	1,544.48
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,164.70	3/4	3,789.27	3/4	3,413.84	3/4	3,038.39	3/4	2,662.96	3/4	2,287.54	3/4	1,912.08	3/4	1,536.65

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 35'-00" FORWARD OF AFT BULKHEAD.

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





BARGE "CBC 336"

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	1,528.83	0	1,153.38	0	779.31	0	405.59	0	35.79	0		0		0		0		0	
1/4	1,521.01	1/4	1,145.56	1/4	771.49	1/4	397.77	1/4	30.89	1/4		1/4		1/4		1/4		1/4	
1/2	1,513.19	1/2	1,137.74	1/2	763.67	1/2	389.95	1/2	26.00	1/2		1/2		1/2		1/2		1/2	
3/4	1,505.37	3/4	1,129.92	3/4	755.85	3/4	382.13	3/4	21.11	3/4		3/4		3/4		3/4		3/4	
1	1,497.55	1	1,122.10	1	748.02	1	374.31	1	16.21	1		1		1		1		1	
1/4	1,489.73	1/4	1,114.27	1/4	740.20	1/4	366.49	1/4	13.29	1/4		1/4		1/4		1/4		1/4	
1/2	1,481.90	1/2	1,106.45	1/2	732.38	1/2	358.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,474.08	3/4	1,098.63	3/4	724.56	3/4	350.84	3/4		3/4		3/4		3/4		3/4		3/4	
2	1,466.26	2	1,090.81	2	716.74	2	343.02	2		2		2		2		2		2	
1/4	1,458.44	1/4	1,083.02	1/4	708.92	1/4	335.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,450.62	1/2	1,075.24	1/2	701.10	1/2	327.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,442.80	3/4	1,067.45	3/4	693.27	3/4	319.56	3/4		3/4		3/4		3/4		3/4		3/4	
3	1,434.98	3	1,059.67	3	685.45	3	311.74	3		3		3		3		3		3	
1/4	1,427.15	1/4	1,051.88	1/4	677.63	1/4	303.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,419.33	1/2	1,044.10	1/2	669.81	1/2	296.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,411.51	3/4	1,036.31	3/4	661.99	3/4	288.27	3/4		3/4		3/4		3/4		3/4		3/4	
4	1,403.69	4	1,028.52	4	654.17	4	280.45	4		4		4		4		4		4	
1/4	1,395.87	1/4	1,020.73	1/4	646.34	1/4	272.63	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,388.05	1/2	1,012.94	1/2	638.52	1/2	264.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,380.23	3/4	1,005.15	3/4	630.70	3/4	256.99	3/4		3/4		3/4		3/4		3/4		3/4	
5	1,372.40	5	997.36	5	622.88	5	249.17	5		5		5		5		5		5	
1/4	1,364.58	1/4	989.57	1/4	615.13	1/4	241.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,356.76	1/2	981.79	1/2	607.38	1/2	233.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,348.94	3/4	974.00	3/4	599.63	3/4	225.70	3/4		3/4		3/4		3/4		3/4		3/4	
6	1,341.12	6	966.21	6	591.88	6	217.88	6		6		6		6		6		6	
1/4	1,333.30	1/4	958.43	1/4	584.13	1/4	210.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,325.48	1/2	950.64	1/2	576.38	1/2	202.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,317.65	3/4	942.86	3/4	568.63	3/4	194.63	3/4		3/4		3/4		3/4		3/4		3/4	
7	1,309.83	7	935.07	7	560.88	7	186.88	7		7		7		7		7		7	
1/4	1,302.01	1/4	927.28	1/4	553.13	1/4	179.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,294.19	1/2	919.49	1/2	545.38	1/2	171.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,286.37	3/4	911.70	3/4	537.63	3/4	163.63	3/4		3/4		3/4		3/4		3/4		3/4	
8	1,278.55	8	903.90	8	529.88	8	155.88	8		8		8		8		8		8	
1/4	1,270.72	1/4	896.12	1/4	522.13	1/4	148.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,262.89	1/2	888.33	1/2	514.38	1/2	140.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,255.07	3/4	880.55	3/4	506.63	3/4	132.61	3/4		3/4		3/4		3/4		3/4		3/4	
9	1,247.24	9	872.76	9	498.88	9	124.86	9		9		9		9		9		9	
1/4	1,239.42	1/4	864.98	1/4	491.13	1/4	117.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,231.59	1/2	857.19	1/2	483.38	1/2	109.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,223.77	3/4	849.40	3/4	475.63	3/4	101.61	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,215.95	10	841.62	10	467.88	10	93.86	10		10		10		10		10		10	
1/4	1,208.13	1/4	833.83	1/4	460.13	1/4	86.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,200.31	1/2	826.05	1/2	452.38	1/2	78.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,192.49	3/4	818.26	3/4	444.63	3/4	70.61	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,184.67	11	810.48	11	436.88	11	62.86	11		11		11		11		11		11	
1/4	1,176.84	1/4	802.68	1/4	429.06	1/4	56.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,169.02	1/2	794.89	1/2	421.24	1/2	49.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,161.20	3/4	787.10	3/4	413.42	3/4	42.55	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/07/2002 INSP.
DECK MEASUREMENTS: 05/07/2012 SW CL
REPRINTED: 05/08/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2012

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



BARGE "CBC 336"

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	4,399.74	0	4,048.82	0	3,681.75	0	3,314.68	0	2,947.62	0	2,580.55	0	2,213.49	0	1,846.42
1/4	1/4	1/4	1/4	1/4	4,394.64	1/4	4,041.17	1/4	3,674.10	1/4	3,307.03	1/4	2,939.98	1/4	2,572.90	1/4	2,205.84	1/4	1,838.77
1/2	1/2	1/2	1/2	1/2	4,389.55	1/2	4,033.52	1/2	3,666.45	1/2	3,299.38	1/2	2,932.33	1/2	2,565.26	1/2	2,198.19	1/2	1,831.12
3/4	3/4	3/4	3/4	3/4	4,383.60	3/4	4,025.87	3/4	3,658.80	3/4	3,291.74	3/4	2,924.68	3/4	2,557.61	3/4	2,190.54	3/4	1,823.47
1		1		1	4,377.65	1	4,018.23	1	3,651.15	1	3,284.10	1	2,917.04	1	2,549.96	1	2,182.89	1	1,815.82
1/4	1/4	1/4	1/4	1/4	4,371.71	1/4	4,010.58	1/4	3,643.51	1/4	3,276.45	1/4	2,909.39	1/4	2,542.32	1/4	2,175.24	1/4	1,808.17
1/2	1/2	1/2	1/2	1/2	4,365.76	1/2	4,002.93	1/2	3,635.86	1/2	3,268.81	1/2	2,901.74	1/2	2,534.67	1/2	2,167.60	1/2	1,800.52
3/4	3/4	3/4	3/4	3/4	4,358.96	3/4	3,995.28	3/4	3,628.21	3/4	3,261.16	3/4	2,894.09	3/4	2,527.02	3/4	2,159.95	3/4	1,792.88
2		2		2	4,352.17	2	3,987.63	2	3,620.57	2	3,253.51	2	2,886.44	2	2,519.37	2	2,152.31	2	1,785.24
1/4	1/4	1/4	1/4	1/4	4,345.37	1/4	3,979.98	1/4	3,612.93	1/4	3,245.86	1/4	2,878.79	1/4	2,511.72	1/4	2,144.67	1/4	1,777.60
1/2	1/2	1/2	1/2	1/2	4,338.57	1/2	3,972.33	1/2	3,605.29	1/2	3,238.21	1/2	2,871.14	1/2	2,504.07	1/2	2,137.02	1/2	1,769.95
3/4	3/4	3/4	3/4	3/4	4,331.13	3/4	3,964.69	3/4	3,597.64	3/4	3,230.57	3/4	2,863.49	3/4	2,496.43	3/4	2,129.37	3/4	1,762.30
3		3		3	4,323.69	3	3,957.05	3	3,589.99	3	3,222.92	3	2,855.85	3	2,488.79	3	2,121.73	3	1,754.65
1/4	1/4	1/4	1/4	1/4	4,316.25	1/4	3,949.40	1/4	3,582.34	1/4	3,215.27	1/4	2,848.20	1/4	2,481.14	1/4	2,114.08	1/4	1,747.01
1/2	1/2	1/2	1/2	1/2	4,308.81	1/2	3,941.76	1/2	3,574.69	1/2	3,207.62	1/2	2,840.55	1/2	2,473.50	1/2	2,106.43	1/2	1,739.36
3/4	3/4	3/4	3/4	3/4	4,301.17	3/4	3,934.11	3/4	3,567.04	3/4	3,199.97	3/4	2,832.90	3/4	2,465.85	3/4	2,098.78	3/4	1,731.71
4		4		4	4,293.52	4	3,926.46	4	3,559.39	4	3,192.32	4	2,825.26	4	2,458.20	4	2,091.13	4	1,724.06
1/4	1/4	1/4	1/4	1/4	4,285.88	1/4	3,918.82	1/4	3,551.74	1/4	3,184.67	1/4	2,817.62	1/4	2,450.55	1/4	2,083.48	1/4	1,716.41
1/2	1/2	1/2	1/2	1/2	4,278.24	1/2	3,911.17	1/2	3,544.10	1/2	3,177.02	1/2	2,809.98	1/2	2,442.90	1/2	2,075.83	1/2	1,708.76
3/4	3/4	3/4	3/4	3/4	4,270.59	3/4	3,903.52	3/4	3,536.45	3/4	3,169.38	3/4	2,802.33	3/4	2,435.26	3/4	2,068.18	3/4	1,701.12
5		5		5	4,262.94	5	3,895.87	5	3,528.80	5	3,161.74	5	2,794.68	5	2,427.61	5	2,060.54	5	1,693.48
1/4	1/4	1/4	1/4	1/4	4,255.29	1/4	3,888.22	1/4	3,521.15	1/4	3,154.10	1/4	2,787.03	1/4	2,419.96	1/4	2,052.89	1/4	1,685.83
1/2	1/2	1/2	1/2	1/2	4,247.64	1/2	3,880.57	1/2	3,513.50	1/2	3,146.45	1/2	2,779.38	1/2	2,412.31	1/2	2,045.24	1/2	1,678.19
3/4	3/4	3/4	3/4	3/4	4,239.99	3/4	3,872.93	3/4	3,505.86	3/4	3,138.80	3/4	2,771.73	3/4	2,404.66	3/4	2,037.60	3/4	1,670.54
6		6		6	4,232.35	6	3,865.29	6	3,498.21	6	3,131.15	6	2,764.08	6	2,397.01	6	2,029.95	6	1,662.89
1/4	1/4	1/4	1/4	1/4	4,224.70	1/4	3,857.64	1/4	3,490.57	1/4	3,123.51	1/4	2,756.43	1/4	2,389.36	1/4	2,022.31	1/4	1,655.24
1/2	1/2	1/2	1/2	1/2	4,217.05	1/2	3,850.00	1/2	3,482.93	1/2	3,115.86	1/2	2,748.79	1/2	2,381.71	1/2	2,014.67	1/2	1,647.59
3/4	3/4	3/4	3/4	3/4	4,209.40	3/4	3,842.35	3/4	3,475.28	3/4	3,108.21	3/4	2,741.14	3/4	2,374.07	3/4	2,007.02	3/4	1,639.95
7		7		7	4,201.76	7	3,834.70	7	3,467.63	7	3,100.56	7	2,733.49	7	2,366.43	7	1,999.37	7	1,632.30
1/4	1/4	1/4	1/4	1/4	4,194.12	1/4	3,827.05	1/4	3,459.98	1/4	3,092.91	1/4	2,725.84	1/4	2,358.79	1/4	1,991.72	1/4	1,624.65
1/2	1/2	1/2	1/2	1/2	4,186.48	1/2	3,819.40	1/2	3,452.33	1/2	3,085.26	1/2	2,718.19	1/2	2,351.14	1/2	1,984.07	1/2	1,617.00
3/4	3/4	3/4	3/4	3/4	4,178.83	3/4	3,811.76	3/4	3,444.68	3/4	3,077.61	3/4	2,710.55	3/4	2,343.49	3/4	1,976.42	3/4	1,609.35
8		8		8	4,171.18	8	3,804.11	8	3,437.04	8	3,069.96	8	2,702.90	8	2,335.84	8	1,968.77	8	1,601.70
1/4	1/4	1/4	1/4	1/4	4,163.53	1/4	3,796.46	1/4	3,429.39	1/4	3,062.32	1/4	2,695.26	1/4	2,328.20	1/4	1,961.12	1/4	1,594.05
1/2	1/2	1/2	1/2	1/2	4,155.88	1/2	3,788.81	1/2	3,421.74	1/2	3,054.67	1/2	2,687.62	1/2	2,320.55	1/2	1,953.48	1/2	1,586.40
3/4	3/4	3/4	3/4	3/4	4,148.23	3/4	3,781.16	3/4	3,414.10	3/4	3,047.02	3/4	2,679.97	3/4	2,312.90	3/4	1,945.83	3/4	1,578.76
9		9		9	4,140.58	9	3,773.51	9	3,406.45	9	3,039.38	9	2,672.32	9	2,305.25	9	1,938.18	9	1,571.12
1/4	1/4	1/4	1/4	1/4	4,132.93	1/4	3,765.86	1/4	3,398.81	1/4	3,031.74	1/4	2,664.67	1/4	2,297.60	1/4	1,930.53	1/4	1,563.48
1/2	1/2	1/2	1/2	1/2	4,125.29	1/2	3,758.21	1/2	3,391.17	1/2	3,024.09	1/2	2,657.02	1/2	2,289.95	1/2	1,922.88	1/2	1,555.83
3/4	3/4	3/4	3/4	3/4	4,117.64	3/4	3,750.57	3/4	3,383.52	3/4	3,016.45	3/4	2,649.37	3/4	2,282.30	3/4	1,915.24	3/4	1,548.18
10		10		10	4,109.99	10	3,742.93	10	3,375.87	10	3,008.80	10	2,641.73	10	2,274.65	10	1,907.60	10	1,540.54
1/4	1/4	1/4	1/4	1/4	4,102.34	1/4	3,735.29	1/4	3,368.22	1/4	3,001.15	1/4	2,634.08	1/4	2,267.01	1/4	1,899.95	1/4	1,532.89
1/2	1/2	1/2	1/2	1/2	4,094.69	1/2	3,727.64	1/2	3,360.57	1/2	2,993.50	1/2	2,626.43	1/2	2,259.36	1/2	1,892.31	1/2	1,525.24
3/4	3/4	3/4	3/4	3/4	4,087.05	3/4	3,719.99	3/4	3,352.92	3/4	2,985.85	3/4	2,618.78	3/4	2,251.71	3/4	1,884.66	3/4	1,517.59
11		11		11	4,079.40	11	3,712.34	11	3,345.27	11	2,978.20	11	2,611.13	11	2,244.07	11	1,877.01	11	1,509.94
1/4	1/4	1/4	1/4	1/4	4,071.76	1/4	3,704.70	1/4	3,337.62	1/4	2,970.55	1/4	2,603.48	1/4	2,236.43	1/4	1,869.36	1/4	1,502.29
1/2	1/2	1/2	1/2	1/2	4,064.12	1/2	3,697.05	1/2	3,329.98	1/2	2,962.90	1/2	2,595.83	1/2	2,228.79	1/2	1,861.71	1/2	1,494.64
3/4	3/4	3/4	3/4	3/4	4,056.47	3/4	3,689.40	3/4	3,322.33	3/4	2,955.26	3/4	2,588.19	3/4	2,221.14	3/4	1,854.07	3/4	1,486.99

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 35'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 336"

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	1,479.35	0	1,112.29	0	746.58	0	381.23	0	25.44	0		0		0		0		0	
1/4	1,471.70	1/4	1,104.64	1/4	738.93	1/4	373.58	1/4	20.66	1/4		1/4		1/4		1/4		1/4	
1/2	1,464.05	1/2	1,097.00	1/2	731.29	1/2	365.93	1/2	15.88	1/2		1/2		1/2		1/2		1/2	
3/4	1,456.40	3/4	1,089.35	3/4	723.64	3/4	358.29	3/4	13.01	3/4		3/4		3/4		3/4		3/4	
1	1,448.76	1	1,081.70	1	715.99	1	350.64	1		1		1		1		1		1	
1/4	1,441.12	1/4	1,074.05	1/4	708.34	1/4	343.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,433.48	1/2	1,066.40	1/2	700.69	1/2	335.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,425.83	3/4	1,058.79	3/4	693.05	3/4	327.71	3/4		3/4		3/4		3/4		3/4		3/4	
2	1,418.18	2	1,051.18	2	685.40	2	320.06	2		2		2		2		2		2	
1/4	1,410.53	1/4	1,043.57	1/4	677.76	1/4	312.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,402.88	1/2	1,035.95	1/2	670.12	1/2	304.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,395.23	3/4	1,028.34	3/4	662.47	3/4	297.11	3/4		3/4		3/4		3/4		3/4		3/4	
3	1,387.58	3	1,020.73	3	654.82	3	289.46	3		3		3		3		3		3	
1/4	1,379.93	1/4	1,013.11	1/4	647.17	1/4	281.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,372.29	1/2	1,005.50	1/2	639.52	1/2	274.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,364.64	3/4	997.89	3/4	631.87	3/4	266.52	3/4		3/4		3/4		3/4		3/4		3/4	
4	1,356.99	4	990.27	4	624.23	4	258.87	4		4		4		4		4		4	
1/4	1,349.34	1/4	982.66	1/4	616.58	1/4	251.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,341.69	1/2	975.05	1/2	608.93	1/2	243.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,334.05	3/4	967.43	3/4	601.35	3/4	235.93	3/4		3/4		3/4		3/4		3/4		3/4	
5	1,326.40	5	959.82	5	593.77	5	228.29	5		5		5		5		5		5	
1/4	1,318.76	1/4	952.21	1/4	586.20	1/4	220.64	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,311.12	1/2	944.60	1/2	578.62	1/2	213.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,303.47	3/4	936.98	3/4	571.05	3/4	205.42	3/4		3/4		3/4		3/4		3/4		3/4	
6	1,295.82	6	929.37	6	563.48	6	197.85	6		6		6		6		6		6	
1/4	1,288.17	1/4	921.76	1/4	555.90	1/4	190.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,280.52	1/2	914.14	1/2	548.33	1/2	182.69	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,272.87	3/4	906.53	3/4	540.76	3/4	175.11	3/4		3/4		3/4		3/4		3/4		3/4	
7	1,265.23	7	898.92	7	533.18	7	167.54	7		7		7		7		7		7	
1/4	1,257.58	1/4	891.30	1/4	525.60	1/4	159.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,249.93	1/2	883.69	1/2	518.02	1/2	152.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,242.29	3/4	876.08	3/4	510.45	3/4	144.80	3/4		3/4		3/4		3/4		3/4		3/4	
8	1,234.64	8	868.46	8	502.87	8	137.23	8		8		8		8		8		8	
1/4	1,227.00	1/4	860.85	1/4	495.29	1/4	129.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,219.36	1/2	853.24	1/2	487.71	1/2	122.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,211.71	3/4	845.63	3/4	480.14	3/4	114.50	3/4		3/4		3/4		3/4		3/4		3/4	
9	1,204.06	9	838.01	9	472.56	9	106.93	9		9		9		9		9		9	
1/4	1,196.41	1/4	830.40	1/4	464.98	1/4	99.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,188.76	1/2	822.79	1/2	457.40	1/2	91.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,181.11	3/4	815.17	3/4	449.83	3/4	84.21	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,173.46	10	807.56	10	442.26	10	76.63	10		10		10		10		10		10	
1/4	1,165.82	1/4	799.95	1/4	434.69	1/4	69.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,158.17	1/2	792.33	1/2	427.12	1/2	61.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,150.52	3/4	784.72	3/4	419.47	3/4	54.86	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,142.87	11	777.11	11	411.82	11	48.24	11		11		11		11		11		11	
1/4	1,135.22	1/4	769.49	1/4	404.17	1/4	41.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,127.57	1/2	761.88	1/2	396.52	1/2	35.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,119.93	3/4	754.23	3/4	388.87	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: 03/07/2002 INSP.
DECK MEASUREMENTS: 05/07/2012 SW CL
REPRINTED: 05/08/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2012

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



BARGE "CBC 336"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-00 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			
0		0		0	4,389.55	0	4,033.52	0	3,666.45	0	3,299.38	0	2,932.33	0	2,565.26	0	2,198.19	0	1,831.12		
1/4	1/4	1/4	1/4	1/4	4,383.60	1/4	4,025.87	1/4	3,658.80	1/4	3,291.74	1/4	2,924.68	1/4	2,557.61	1/4	2,190.54	1/4	1,823.47		
1/2	1/2	1/2	1/2	1/2	4,377.65	1/2	4,018.23	1/2	3,651.15	1/2	3,284.10	1/2	2,917.04	1/2	2,549.96	1/2	2,182.89	1/2	1,815.82		
3/4	3/4	3/4	3/4	3/4	4,371.71	3/4	4,010.58	3/4	3,643.51	3/4	3,276.45	3/4	2,909.39	3/4	2,542.32	3/4	2,175.24	3/4	1,808.17		
1		1		1	4,365.76	1	4,002.93	1	3,635.86	1	3,268.81	1	2,901.74	1	2,534.67	1	2,167.60	1	1,800.52		
1/4	1/4	1/4	1/4	1/4	4,358.96	1/4	3,995.28	1/4	3,628.21	1/4	3,261.16	1/4	2,894.09	1/4	2,527.02	1/4	2,159.95	1/4	1,792.88		
1/2	1/2	1/2	1/2	1/2	4,352.17	1/2	3,987.63	1/2	3,620.57	1/2	3,253.51	1/2	2,886.44	1/2	2,519.37	1/2	2,152.31	1/2	1,785.24		
3/4	3/4	3/4	3/4	3/4	4,345.37	3/4	3,979.98	3/4	3,612.93	3/4	3,245.86	3/4	2,878.79	3/4	2,511.72	3/4	2,144.67	3/4	1,777.60		
2		2		2	4,338.57	2	3,972.33	2	3,605.29	2	3,238.21	2	2,871.14	2	2,504.07	2	2,137.02	2	1,769.95		
1/4	1/4	1/4	1/4	1/4	4,331.13	1/4	3,964.69	1/4	3,597.64	1/4	3,230.57	1/4	2,863.49	1/4	2,496.43	1/4	2,129.37	1/4	1,762.30		
1/2	1/2	1/2	1/2	1/2	4,323.69	1/2	3,957.05	1/2	3,589.99	1/2	3,222.92	1/2	2,855.85	1/2	2,488.79	1/2	2,121.73	1/2	1,754.65		
3/4	3/4	3/4	3/4	3/4	4,316.25	3/4	3,949.40	3/4	3,582.34	3/4	3,215.27	3/4	2,848.20	3/4	2,481.14	3/4	2,114.08	3/4	1,747.01		
3		3		3	4,308.81	3	3,941.76	3	3,574.69	3	3,207.62	3	2,840.55	3	2,473.50	3	2,106.43	3	1,739.36		
1/4	1/4	1/4	1/4	1/4	4,301.17	1/4	3,934.11	1/4	3,567.04	1/4	3,199.97	1/4	2,832.90	1/4	2,465.85	1/4	2,098.78	1/4	1,731.71		
1/2	1/2	1/2	1/2	1/2	4,293.52	1/2	3,926.46	1/2	3,559.39	1/2	3,192.32	1/2	2,825.26	1/2	2,458.20	1/2	2,091.13	1/2	1,724.06		
3/4	3/4	3/4	3/4	3/4	4,285.88	3/4	3,918.82	3/4	3,551.74	3/4	3,184.67	3/4	2,817.62	3/4	2,450.55	3/4	2,083.48	3/4	1,716.41		
4		4		4	4,278.24	4	3,911.17	4	3,544.10	4	3,177.02	4	2,809.98	4	2,442.90	4	2,075.83	4	1,708.76		
1/4	1/4	1/4	1/4	1/4	4,270.59	1/4	3,903.52	1/4	3,536.45	1/4	3,169.38	1/4	2,802.33	1/4	2,435.26	1/4	2,068.18	1/4	1,701.12		
1/2	1/2	1/2	1/2	1/2	4,262.94	1/2	3,895.87	1/2	3,528.80	1/2	3,161.74	1/2	2,794.68	1/2	2,427.61	1/2	2,060.54	1/2	1,693.48		
3/4	3/4	3/4	3/4	3/4	4,255.29	3/4	3,888.22	3/4	3,521.15	3/4	3,154.10	3/4	2,787.03	3/4	2,419.96	3/4	2,052.89	3/4	1,685.83		
5		5		5	4,247.64	5	3,880.57	5	3,513.50	5	3,146.45	5	2,779.38	5	2,412.31	5	2,045.24	5	1,678.19		
1/4	1/4	1/4	1/4	1/4	4,239.99	1/4	3,872.93	1/4	3,505.86	1/4	3,138.80	1/4	2,771.73	1/4	2,404.66	1/4	2,037.60	1/4	1,670.54		
1/2	1/2	1/2	1/2	1/2	4,232.35	1/2	3,865.29	1/2	3,498.21	1/2	3,131.15	1/2	2,764.08	1/2	2,397.01	1/2	2,029.95	1/2	1,662.89		
3/4	3/4	3/4	3/4	3/4	4,224.70	3/4	3,857.64	3/4	3,490.57	3/4	3,123.51	3/4	2,756.43	3/4	2,389.36	3/4	2,022.31	3/4	1,655.24		
6		6		6	4,217.05	6	3,850.00	6	3,482.93	6	3,115.86	6	2,748.79	6	2,381.71	6	2,014.67	6	1,647.59		
1/4	1/4	1/4	1/4	1/4	4,209.40	1/4	3,842.35	1/4	3,475.28	1/4	3,108.21	1/4	2,741.14	1/4	2,374.07	1/4	2,007.02	1/4	1,639.95		
1/2	1/2	1/2	1/2	1/2	4,201.76	1/2	3,834.70	1/2	3,467.63	1/2	3,100.56	1/2	2,733.49	1/2	2,366.43	1/2	1,999.37	1/2	1,632.30		
3/4	3/4	3/4	3/4	3/4	4,194.12	3/4	3,827.05	3/4	3,459.98	3/4	3,092.91	3/4	2,725.84	3/4	2,358.79	3/4	1,991.72	3/4	1,624.65		
7		7		7	4,186.48	7	3,819.40	7	3,452.33	7	3,085.26	7	2,718.19	7	2,351.14	7	1,984.07	7	1,617.00		
1/4	1/4	1/4	1/4	1/4	4,178.83	1/4	3,811.76	1/4	3,444.68	1/4	3,077.61	1/4	2,710.55	1/4	2,343.49	1/4	1,976.42	1/4	1,609.35		
1/2	1/2	1/2	1/2	1/2	4,171.18	1/2	3,804.11	1/2	3,437.04	1/2	3,069.96	1/2	2,702.90	1/2	2,335.84	1/2	1,968.77	1/2	1,601.70		
3/4	3/4	3/4	3/4	3/4	4,163.53	3/4	3,796.46	3/4	3,429.39	3/4	3,062.32	3/4	2,695.26	3/4	2,328.20	3/4	1,961.12	3/4	1,594.05		
8		8		8	4,155.88	8	3,788.81	8	3,421.74	8	3,054.67	8	2,687.62	8	2,320.55	8	1,953.48	8	1,586.40		
1/4	1/4	1/4	1/4	1/4	4,148.23	1/4	3,781.16	1/4	3,414.10	1/4	3,047.02	1/4	2,679.97	1/4	2,312.90	1/4	1,945.83	1/4	1,578.76		
1/2	1/2	1/2	1/2	1/2	4,140.58	1/2	3,773.51	1/2	3,406.45	1/2	3,039.38	1/2	2,672.32	1/2	2,305.25	1/2	1,938.18	1/2	1,571.12		
3/4	3/4	3/4	3/4	3/4	4,132.93	3/4	3,765.86	3/4	3,398.81	3/4	3,031.74	3/4	2,664.67	3/4	2,297.60	3/4	1,930.53	3/4	1,563.48		
9		9		9	4,125.29	9	3,758.21	9	3,391.17	9	3,024.09	9	2,657.02	9	2,289.95	9	1,922.88	9	1,555.83		
1/4	1/4	1/4	1/4	1/4	4,117.64	1/4	3,750.57	1/4	3,383.52	1/4	3,016.45	1/4	2,649.37	1/4	2,282.30	1/4	1,915.24	1/4	1,548.18		
1/2	1/2	1/2	1/2	1/2	4,109.99	1/2	3,742.93	1/2	3,375.87	1/2	3,008.80	1/2	2,641.73	1/2	2,274.65	1/2	1,907.60	1/2	1,540.54		
3/4	3/4	3/4	3/4	3/4	4,102.34	3/4	3,735.29	3/4	3,368.22	3/4	3,001.15	3/4	2,634.08	3/4	2,267.01	3/4	1,899.95	3/4	1,532.89		
10		10		10	4,094.69	10	3,727.64	10	3,360.57	10	2,993.50	10	2,626.43	10	2,259.36	10	1,892.31	10	1,525.24		
1/4	1/4	1/4	1/4	1/4	4,087.05	1/4	3,719.99	1/4	3,352.92	1/4	2,985.85	1/4	2,618.78	1/4	2,251.71	1/4	1,884.66	1/4	1,517.59		
1/2	1/2	1/2	1/2	1/2	4,079.40	1/2	3,712.34	1/2	3,345.27	1/2	2,978.20	1/2	2,611.13	1/2	2,244.07	1/2	1,877.01	1/2	1,509.94		
3/4	3/4	3/4	3/4	3/4	4,071.76	3/4	3,704.70	3/4	3,337.62	3/4	2,970.55	3/4	2,603.48	3/4	2,236.43	3/4	1,869.36	3/4	1,502.29		
11		11		11	4,064.12	11	3,697.05	11	3,329.98	11	2,962.90	11	2,595.83	11	2,228.79	11	1,861.71	11	1,494.64		
1/4	1/4	1/4	1/4	1/4	4,404.83	1/4	4,056.47	1/4	3,689.40	1/4	3,322.33	1/4	2,955.26	1/4	2,588.19	1/4	2,221.14	1/4	1,854.07	1/4	1,486.99
1/2	1/2	1/2	1/2	1/2	4,399.74	1/2	4,048.82	1/2	3,681.75	1/2	3,314.68	1/2	2,947.62	1/2	2,580.55	1/2	2,213.49	1/2	1,846.42	1/2	1,479.35
3/4	3/4	3/4	3/4	3/4	4,394.64	3/4	4,041.17	3/4	3,674.10	3/4	3,307.03	3/4	2,939.98	3/4	2,572.90	3/4	2,205.84	3/4	1,838.77	3/4	1,471.70

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 35'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 336"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-00 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	1,464.05	0	1,097.00	0	731.29	0	365.93	0	15.88	0		0		0		0		0	
1/4	1,456.40	1/4	1,089.35	1/4	723.64	1/4	358.29	1/4	13.01	1/4		1/4		1/4		1/4		1/4	
1/2	1,448.76	1/2	1,081.70	1/2	715.99	1/2	350.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,441.12	3/4	1,074.05	3/4	708.34	3/4	343.00	3/4		3/4		3/4		3/4		3/4		3/4	
1	1,433.48	1	1,066.40	1	700.69	1	335.36	1		1		1		1		1		1	
1/4	1,425.83	1/4	1,058.79	1/4	693.05	1/4	327.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,418.18	1/2	1,051.18	1/2	685.40	1/2	320.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,410.53	3/4	1,043.57	3/4	677.76	3/4	312.41	3/4		3/4		3/4		3/4		3/4		3/4	
2	1,402.88	2	1,035.95	2	670.12	2	304.76	2		2		2		2		2		2	
1/4	1,395.23	1/4	1,028.34	1/4	662.47	1/4	297.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,387.58	1/2	1,020.73	1/2	654.82	1/2	289.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,379.93	3/4	1,013.11	3/4	647.17	3/4	281.82	3/4		3/4		3/4		3/4		3/4		3/4	
3	1,372.29	3	1,005.50	3	639.52	3	274.17	3		3		3		3		3		3	
1/4	1,364.64	1/4	997.89	1/4	631.87	1/4	266.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,356.99	1/2	990.27	1/2	624.23	1/2	258.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,349.34	3/4	982.66	3/4	616.58	3/4	251.22	3/4		3/4		3/4		3/4		3/4		3/4	
4	1,341.69	4	975.05	4	608.93	4	243.57	4		4		4		4		4		4	
1/4	1,334.05	1/4	967.43	1/4	601.35	1/4	235.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,326.40	1/2	959.82	1/2	593.77	1/2	228.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,318.76	3/4	952.21	3/4	586.20	3/4	220.62	3/4		3/4		3/4		3/4		3/4		3/4	
5	1,311.12	5	944.60	5	578.62	5	212.98	5		5		5		5		5		5	
1/4	1,303.47	1/4	936.98	1/4	571.05	1/4	205.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,295.82	1/2	929.37	1/2	563.48	1/2	197.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,288.17	3/4	921.76	3/4	555.90	3/4	190.26	3/4		3/4		3/4		3/4		3/4		3/4	
6	1,280.52	6	914.14	6	548.33	6	182.69	6		6		6		6		6		6	
1/4	1,272.87	1/4	906.53	1/4	540.76	1/4	175.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,265.23	1/2	898.92	1/2	533.18	1/2	167.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,257.58	3/4	891.30	3/4	525.60	3/4	159.96	3/4		3/4		3/4		3/4		3/4		3/4	
7	1,249.93	7	883.69	7	518.02	7	152.38	7		7		7		7		7		7	
1/4	1,242.29	1/4	876.08	1/4	510.45	1/4	144.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,234.64	1/2	868.46	1/2	502.87	1/2	137.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,227.00	3/4	860.85	3/4	495.29	3/4	129.65	3/4		3/4		3/4		3/4		3/4		3/4	
8	1,219.36	8	853.24	8	487.71	8	122.07	8		8		8		8		8		8	
1/4	1,211.71	1/4	845.63	1/4	480.14	1/4	114.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,204.06	1/2	838.01	1/2	472.56	1/2	106.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,196.41	3/4	830.40	3/4	464.98	3/4	99.36	3/4		3/4		3/4		3/4		3/4		3/4	
9	1,188.76	9	822.79	9	457.40	9	91.79	9		9		9		9		9		9	
1/4	1,181.11	1/4	815.17	1/4	449.83	1/4	84.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,173.46	1/2	807.56	1/2	442.26	1/2	76.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,165.82	3/4	799.95	3/4	434.69	3/4	69.05	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,158.17	10	792.33	10	427.12	10	61.48	10		10		10		10		10		10	
1/4	1,150.52	1/4	784.72	1/4	419.47	1/4	54.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,142.87	1/2	777.11	1/2	411.82	1/2	48.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,135.22	3/4	769.49	3/4	404.17	3/4	41.62	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,127.57	11	761.88	11	396.52	11	35.00	11		11		11		11		11		11	
1/4	1,119.93	1/4	754.23	1/4	388.87	1/4	30.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,112.29	1/2	746.58	1/2	381.23	1/2	25.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,104.64	3/4	738.93	3/4	373.58	3/4	20.66	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/07/2002 INSP.
DECK MEASUREMENTS: 05/07/2012 SW CL
REPRINTED: 05/08/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2012

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



BARGE "CBC 336"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-01"

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	4,218.18	0	3,999.75	0	3,761.52	0	3,397.27	0	3,021.94	0	2,646.61	0	2,271.27	0	1,895.94
1/4	1/4	1/4	1/4	1/4	4,214.99	1/4	3,994.95	1/4	3,755.21	1/4	3,389.45	1/4	3,014.12	1/4	2,638.79	1/4	2,263.45	1/4	1,888.12
1/2	1/2	1/2	1/2	1/2	4,211.79	1/2	3,990.15	1/2	3,748.90	1/2	3,381.63	1/2	3,006.30	1/2	2,630.96	1/2	2,255.63	1/2	1,880.30
3/4	3/4	3/4	3/4	3/4	4,208.60	3/4	3,985.36	3/4	3,742.60	3/4	3,373.81	3/4	2,998.48	3/4	2,623.14	3/4	2,247.81	3/4	1,872.48
1		1		1	4,204.87	1	3,980.57	1	3,735.79	1	3,365.99	1	2,990.66	1	2,615.32	1	2,239.99	1	1,864.65
1/4	1/4	1/4	1/4	1/4	4,201.14	1/4	3,975.77	1/4	3,728.98	1/4	3,358.18	1/4	2,982.85	1/4	2,607.50	1/4	2,232.17	1/4	1,856.83
1/2	1/2	1/2	1/2	1/2	4,197.42	1/2	3,970.98	1/2	3,722.17	1/2	3,350.36	1/2	2,975.03	1/2	2,599.68	1/2	2,224.35	1/2	1,849.01
3/4	3/4	3/4	3/4	3/4	4,193.69	3/4	3,966.19	3/4	3,715.36	3/4	3,342.55	3/4	2,967.21	3/4	2,591.86	3/4	2,216.52	3/4	1,841.19
2		2		2	4,189.43	2	3,961.39	2	3,708.04	2	3,334.73	2	2,959.39	2	2,584.04	2	2,208.71	2	1,833.37
1/4	1/4	1/4	1/4	1/4	4,185.17	1/4	3,956.60	1/4	3,700.73	1/4	3,326.90	1/4	2,951.57	1/4	2,576.23	1/4	2,200.89	1/4	1,825.56
1/2	1/2	1/2	1/2	1/2	4,180.90	1/2	3,951.80	1/2	3,693.41	1/2	3,319.08	1/2	2,943.75	1/2	2,568.41	1/2	2,193.08	1/2	1,817.74
3/4	3/4	3/4	3/4	3/4	4,176.64	3/4	3,947.00	3/4	3,686.10	3/4	3,311.26	3/4	2,935.93	3/4	2,560.60	3/4	2,185.26	3/4	1,809.93
3		3		3	4,171.98	3	3,942.21	3	3,678.40	3	3,303.44	3	2,928.11	3	2,552.77	3	2,177.44	3	1,802.11
1/4	1/4	1/4	1/4	1/4	4,167.31	1/4	3,937.42	1/4	3,670.70	1/4	3,295.62	1/4	2,920.29	1/4	2,544.95	1/4	2,169.62	1/4	1,794.29
1/2	1/2	1/2	1/2	1/2	4,162.64	1/2	3,932.62	1/2	3,663.01	1/2	3,287.80	1/2	2,912.46	1/2	2,537.13	1/2	2,161.80	1/2	1,786.46
3/4	3/4	3/4	3/4	3/4	4,157.98	3/4	3,927.83	3/4	3,655.31	3/4	3,279.98	3/4	2,904.64	3/4	2,529.31	3/4	2,153.98	3/4	1,778.64
4		4		4	4,153.18	4	3,923.04	4	3,647.49	4	3,272.16	4	2,896.83	4	2,521.49	4	2,146.15	4	1,770.82
1/4	1/4	1/4	1/4	1/4	4,148.39	1/4	3,918.24	1/4	3,639.68	1/4	3,264.35	1/4	2,889.01	1/4	2,513.67	1/4	2,138.33	1/4	1,763.00
1/2	1/2	1/2	1/2	1/2	4,143.60	1/2	3,913.44	1/2	3,631.86	1/2	3,256.53	1/2	2,881.20	1/2	2,505.85	1/2	2,130.51	1/2	1,755.18
3/4	3/4	3/4	3/4	3/4	4,138.81	3/4	3,908.64	3/4	3,624.05	3/4	3,248.71	3/4	2,873.38	3/4	2,498.02	3/4	2,122.69	3/4	1,747.36
5		5		5	4,134.01	5	3,903.85	5	3,616.23	5	3,240.89	5	2,865.56	5	2,490.21	5	2,114.87	5	1,739.54
1/4	1/4	1/4	1/4	1/4	4,129.21	1/4	3,899.05	1/4	3,608.40	1/4	3,233.07	1/4	2,857.74	1/4	2,482.39	1/4	2,107.06	1/4	1,731.71
1/2	1/2	1/2	1/2	1/2	4,124.42	1/2	3,894.25	1/2	3,600.58	1/2	3,225.25	1/2	2,849.92	1/2	2,474.58	1/2	2,099.24	1/2	1,723.89
3/4	3/4	3/4	3/4	3/4	4,119.62	3/4	3,889.45	3/4	3,592.76	3/4	3,217.43	3/4	2,842.10	3/4	2,466.76	3/4	2,091.43	3/4	1,716.07
6		6		6	4,114.83	6	3,884.66	6	3,584.94	6	3,209.60	6	2,834.27	6	2,458.94	6	2,083.61	6	1,708.26
1/4	1/4	1/4	1/4	1/4	4,110.04	1/4	3,879.87	1/4	3,577.12	1/4	3,201.76	1/4	2,826.45	1/4	2,451.12	1/4	2,075.79	1/4	1,700.44
1/2	1/2	1/2	1/2	1/2	4,105.24	1/2	3,875.08	1/2	3,569.30	1/2	3,193.93	1/2	2,818.63	1/2	2,443.30	1/2	2,067.96	1/2	1,692.62
3/4	3/4	3/4	3/4	3/4	4,100.45	3/4	3,870.29	3/4	3,561.48	3/4	3,186.10	3/4	2,810.81	3/4	2,435.48	3/4	2,060.14	3/4	1,684.81
7		7		7	4,095.65	7	3,865.49	7	3,553.66	7	3,178.29	7	2,802.99	7	2,427.65	7	2,052.32	7	1,676.99
1/4	1/4	1/4	1/4	1/4	4,090.86	1/4	3,860.69	1/4	3,545.85	1/4	3,170.49	1/4	2,795.17	1/4	2,419.83	1/4	2,044.50	1/4	1,669.17
1/2	1/2	1/2	1/2	1/2	4,086.06	1/2	3,855.89	1/2	3,538.03	1/2	3,162.68	1/2	2,787.35	1/2	2,412.01	1/2	2,036.68	1/2	1,661.35
3/4	3/4	3/4	3/4	3/4	4,081.26	3/4	3,851.10	3/4	3,530.21	3/4	3,154.88	3/4	2,779.52	3/4	2,404.19	3/4	2,028.86	3/4	1,653.52
8		8		8	4,076.47	8	3,846.30	8	3,522.39	8	3,147.06	8	2,771.71	8	2,396.37	8	2,021.04	8	1,645.70
1/4	1/4	1/4	1/4	1/4	4,071.68	1/4	3,841.51	1/4	3,514.57	1/4	3,139.24	1/4	2,763.89	1/4	2,388.56	1/4	2,013.23	1/4	1,637.88
1/2	1/2	1/2	1/2	1/2	4,066.89	1/2	3,836.72	1/2	3,506.75	1/2	3,131.42	1/2	2,756.08	1/2	2,380.74	1/2	2,005.41	1/2	1,630.06
3/4	3/4	3/4	3/4	3/4	4,062.10	3/4	3,831.93	3/4	3,498.93	3/4	3,123.60	3/4	2,748.26	3/4	2,372.93	3/4	1,997.60	3/4	1,622.24
9		9		9	4,057.30	9	3,827.01	9	3,491.11	9	3,115.77	9	2,740.44	9	2,365.11	9	1,989.77	9	1,614.42
1/4	1/4	1/4	1/4	1/4	4,052.50	1/4	3,822.08	1/4	3,483.29	1/4	3,107.95	1/4	2,732.62	1/4	2,357.29	1/4	1,981.95	1/4	1,606.61
1/2	1/2	1/2	1/2	1/2	4,047.70	1/2	3,817.16	1/2	3,475.46	1/2	3,100.13	1/2	2,724.80	1/2	2,349.46	1/2	1,974.13	1/2	1,598.79
3/4	3/4	3/4	3/4	3/4	4,042.90	3/4	3,812.24	3/4	3,467.64	3/4	3,092.31	3/4	2,716.98	3/4	2,341.64	3/4	1,966.31	3/4	1,590.98
10		10		10	4,038.11	10	3,806.94	10	3,459.83	10	3,084.49	10	2,709.15	10	2,333.82	10	1,958.49	10	1,583.15
1/4	1/4	1/4	1/4	1/4	4,033.31	1/4	3,801.64	1/4	3,452.01	1/4	3,076.68	1/4	2,701.33	1/4	2,326.00	1/4	1,950.67	1/4	1,575.33
1/2	1/2	1/2	1/2	1/2	4,028.51	1/2	3,796.35	1/2	3,444.20	1/2	3,068.86	1/2	2,693.51	1/2	2,318.18	1/2	1,942.85	1/2	1,567.51
3/4	3/4	3/4	3/4	3/4	4,023.71	3/4	3,791.05	3/4	3,436.38	3/4	3,061.05	3/4	2,685.69	3/4	2,310.36	3/4	1,935.02	3/4	1,559.69
11		11		11	4,018.92	11	3,785.24	11	3,428.56	11	3,053.23	11	2,677.87	11	2,302.54	11	1,927.21	11	1,551.87
1/4	1/4	1/4	1/4	1/4	4,014.13	1/4	3,779.44	1/4	3,420.74	1/4	3,045.40	1/4	2,670.06	1/4	2,294.73	1/4	1,919.39	1/4	1,544.05
1/2	1/2	1/2	1/2	1/2	4,009.34	1/2	3,773.64	1/2	3,412.92	1/2	3,037.58	1/2	2,662.24	1/2	2,286.91	1/2	1,911.58	1/2	1,536.23
3/4	3/4	3/4	3/4	3/4	4,004.55	3/4	3,767.83	3/4	3,405.10	3/4	3,029.76	3/4	2,654.43	3/4	2,279.10	3/4	1,903.76	3/4	1,528.40

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 41'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 336"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-01"

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	1,520.59	0	1,145.26	0	771.28	0	397.66	0	30.87	0		0		0		0		0	
1/4	1,512.77	1/4	1,137.44	1/4	763.46	1/4	389.85	1/4	25.99	1/4		1/4		1/4		1/4		1/4	
1/2	1,504.96	1/2	1,129.62	1/2	755.65	1/2	382.03	1/2	21.10	1/2		1/2		1/2		1/2		1/2	
3/4	1,497.14	3/4	1,121.81	3/4	747.83	3/4	374.21	3/4	16.21	3/4		3/4		3/4		3/4		3/4	
1	1,489.32	1	1,113.99	1	740.01	1	366.39	1	13.28	1		1		1		1		1	
1/4	1,481.50	1/4	1,106.17	1/4	732.19	1/4	358.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,473.68	1/2	1,098.35	1/2	724.37	1/2	350.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,465.86	3/4	1,090.52	3/4	716.55	3/4	342.93	3/4		3/4		3/4		3/4		3/4		3/4	
2	1,458.04	2	1,082.74	2	708.73	2	335.11	2		2		2		2		2		2	
1/4	1,450.21	1/4	1,074.95	1/4	700.90	1/4	327.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,442.39	1/2	1,067.17	1/2	693.08	1/2	319.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,434.57	3/4	1,059.38	3/4	685.26	3/4	311.64	3/4		3/4		3/4		3/4		3/4		3/4	
3	1,426.76	3	1,051.60	3	677.45	3	303.83	3		3		3		3		3		3	
1/4	1,418.94	1/4	1,043.81	1/4	669.63	1/4	296.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,411.12	1/2	1,036.02	1/2	661.82	1/2	288.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,403.31	3/4	1,028.24	3/4	654.00	3/4	280.38	3/4		3/4		3/4		3/4		3/4		3/4	
4	1,395.49	4	1,020.44	4	646.18	4	272.56	4		4		4		4		4		4	
1/4	1,387.67	1/4	1,012.64	1/4	638.36	1/4	264.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,379.85	1/2	1,004.85	1/2	630.54	1/2	256.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,372.02	3/4	997.05	3/4	622.71	3/4	249.10	3/4		3/4		3/4		3/4		3/4		3/4	
5	1,364.20	5	989.27	5	614.96	5	241.27	5		5		5		5		5		5	
1/4	1,356.38	1/4	981.50	1/4	607.21	1/4	233.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,348.56	1/2	973.73	1/2	599.46	1/2	225.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,340.74	3/4	965.95	3/4	591.71	3/4	217.81	3/4		3/4		3/4		3/4		3/4		3/4	
6	1,332.90	6	958.17	6	583.97	6	210.07	6		6		6		6		6		6	
1/4	1,325.07	1/4	950.38	1/4	576.23	1/4	202.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,317.24	1/2	942.59	1/2	568.48	1/2	194.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,309.40	3/4	934.81	3/4	560.74	3/4	186.83	3/4		3/4		3/4		3/4		3/4		3/4	
7	1,301.60	7	927.02	7	552.99	7	179.08	7		7		7		7		7		7	
1/4	1,293.80	1/4	919.24	1/4	545.24	1/4	171.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,285.99	1/2	911.45	1/2	537.49	1/2	163.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,278.19	3/4	903.67	3/4	529.74	3/4	155.83	3/4		3/4		3/4		3/4		3/4		3/4	
8	1,270.37	8	895.88	8	521.99	8	148.08	8		8		8		8		8		8	
1/4	1,262.55	1/4	888.09	1/4	514.24	1/4	140.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,254.73	1/2	880.31	1/2	506.49	1/2	132.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,246.90	3/4	872.52	3/4	498.74	3/4	124.83	3/4		3/4		3/4		3/4		3/4		3/4	
9	1,239.09	9	864.74	9	490.99	9	117.08	9		9		9		9		9		9	
1/4	1,231.27	1/4	856.95	1/4	483.25	1/4	109.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,223.46	1/2	849.17	1/2	475.51	1/2	101.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,215.64	3/4	841.38	3/4	467.76	3/4	93.83	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,207.82	10	833.59	10	460.01	10	86.09	10		10		10		10		10		10	
1/4	1,200.00	1/4	825.81	1/4	452.26	1/4	78.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,192.18	1/2	818.02	1/2	444.51	1/2	70.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,184.36	3/4	810.24	3/4	436.76	3/4	62.86	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,176.54	11	802.45	11	428.94	11	56.08	11		11		11		11		11		11	
1/4	1,168.71	1/4	794.67	1/4	421.12	1/4	49.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,160.89	1/2	786.88	1/2	413.30	1/2	42.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,153.07	3/4	779.10	3/4	405.48	3/4	35.76	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/07/2002 INSP.
DECK MEASUREMENTS: 05/07/2012 SW CL
REPRINTED: 05/08/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2012

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



BARGE "CBC 336"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-01"

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	4,218.18	0	3,999.75	0	3,761.52	0	3,397.27	0	3,021.94	0	2,646.61	0	2,271.26	0	1,895.94
1/4	1/4	1/4	1/4	1/4	4,214.99	1/4	3,994.95	1/4	3,755.21	1/4	3,389.45	1/4	3,014.12	1/4	2,638.79	1/4	2,263.43	1/4	1,888.12
1/2	1/2	1/2	1/2	1/2	4,211.79	1/2	3,990.15	1/2	3,748.90	1/2	3,381.63	1/2	3,006.30	1/2	2,630.96	1/2	2,255.60	1/2	1,880.30
3/4	3/4	3/4	3/4	3/4	4,208.60	3/4	3,985.36	3/4	3,742.60	3/4	3,373.81	3/4	2,998.48	3/4	2,623.14	3/4	2,247.76	3/4	1,872.48
1		1		1	4,204.87	1	3,980.57	1	3,735.79	1	3,365.99	1	2,990.66	1	2,615.32	1	2,239.95	1	1,864.65
1/4	1/4	1/4	1/4	1/4	4,201.14	1/4	3,975.77	1/4	3,728.98	1/4	3,358.18	1/4	2,982.85	1/4	2,607.50	1/4	2,232.14	1/4	1,856.83
1/2	1/2	1/2	1/2	1/2	4,197.42	1/2	3,970.98	1/2	3,722.17	1/2	3,350.36	1/2	2,975.03	1/2	2,599.68	1/2	2,224.33	1/2	1,849.01
3/4	3/4	3/4	3/4	3/4	4,193.69	3/4	3,966.19	3/4	3,715.36	3/4	3,342.55	3/4	2,967.21	3/4	2,591.86	3/4	2,216.52	3/4	1,841.19
2		2		2	4,189.43	2	3,961.39	2	3,708.04	2	3,334.73	2	2,959.39	2	2,584.04	2	2,208.71	2	1,833.37
1/4	1/4	1/4	1/4	1/4	4,185.17	1/4	3,956.60	1/4	3,700.73	1/4	3,326.90	1/4	2,951.57	1/4	2,576.23	1/4	2,200.89	1/4	1,825.56
1/2	1/2	1/2	1/2	1/2	4,180.90	1/2	3,951.80	1/2	3,693.41	1/2	3,319.08	1/2	2,943.75	1/2	2,568.41	1/2	2,193.08	1/2	1,817.74
3/4	3/4	3/4	3/4	3/4	4,176.64	3/4	3,947.00	3/4	3,686.10	3/4	3,311.26	3/4	2,935.93	3/4	2,560.60	3/4	2,185.26	3/4	1,809.93
3		3		3	4,171.98	3	3,942.21	3	3,678.40	3	3,303.44	3	2,928.11	3	2,552.77	3	2,177.44	3	1,802.11
1/4	1/4	1/4	1/4	1/4	4,167.31	1/4	3,937.42	1/4	3,670.70	1/4	3,295.62	1/4	2,920.29	1/4	2,544.95	1/4	2,169.62	1/4	1,794.29
1/2	1/2	1/2	1/2	1/2	4,162.64	1/2	3,932.62	1/2	3,663.01	1/2	3,287.80	1/2	2,912.46	1/2	2,537.13	1/2	2,161.80	1/2	1,786.46
3/4	3/4	3/4	3/4	3/4	4,157.98	3/4	3,927.83	3/4	3,655.31	3/4	3,279.98	3/4	2,904.64	3/4	2,529.31	3/4	2,153.98	3/4	1,778.64
4		4		4	4,153.18	4	3,923.04	4	3,647.49	4	3,272.16	4	2,896.83	4	2,521.49	4	2,146.15	4	1,770.82
1/4	1/4	1/4	1/4	1/4	4,148.39	1/4	3,918.24	1/4	3,639.68	1/4	3,264.35	1/4	2,889.01	1/4	2,513.67	1/4	2,138.33	1/4	1,763.00
1/2	1/2	1/2	1/2	1/2	4,143.60	1/2	3,913.44	1/2	3,631.86	1/2	3,256.53	1/2	2,881.20	1/2	2,505.85	1/2	2,130.51	1/2	1,755.18
3/4	3/4	3/4	3/4	3/4	4,138.81	3/4	3,908.64	3/4	3,624.05	3/4	3,248.71	3/4	2,873.38	3/4	2,498.02	3/4	2,122.69	3/4	1,747.36
5		5		5	4,134.01	5	3,903.85	5	3,616.23	5	3,240.89	5	2,865.56	5	2,490.21	5	2,114.87	5	1,739.54
1/4	1/4	1/4	1/4	1/4	4,129.21	1/4	3,899.05	1/4	3,608.40	1/4	3,233.07	1/4	2,857.74	1/4	2,482.39	1/4	2,107.06	1/4	1,731.71
1/2	1/2	1/2	1/2	1/2	4,124.42	1/2	3,894.25	1/2	3,600.58	1/2	3,225.25	1/2	2,849.92	1/2	2,474.58	1/2	2,099.24	1/2	1,723.89
3/4	3/4	3/4	3/4	3/4	4,119.62	3/4	3,889.45	3/4	3,592.76	3/4	3,217.43	3/4	2,842.10	3/4	2,466.76	3/4	2,091.43	3/4	1,716.07
6		6		6	4,114.83	6	3,884.66	6	3,584.94	6	3,209.61	6	2,834.27	6	2,458.94	6	2,083.61	6	1,708.26
1/4	1/4	1/4	1/4	1/4	4,110.04	1/4	3,879.87	1/4	3,577.12	1/4	3,201.79	1/4	2,826.45	1/4	2,451.12	1/4	2,075.79	1/4	1,700.44
1/2	1/2	1/2	1/2	1/2	4,105.24	1/2	3,875.08	1/2	3,569.30	1/2	3,193.96	1/2	2,818.63	1/2	2,443.30	1/2	2,067.96	1/2	1,692.62
3/4	3/4	3/4	3/4	3/4	4,100.45	3/4	3,870.29	3/4	3,561.48	3/4	3,186.14	3/4	2,810.81	3/4	2,435.48	3/4	2,060.14	3/4	1,684.81
7		7		7	4,095.65	7	3,865.49	7	3,553.66	7	3,178.33	7	2,803.02	7	2,427.65	7	2,052.32	7	1,676.99
1/4	1/4	1/4	1/4	1/4	4,090.86	1/4	3,860.69	1/4	3,545.85	1/4	3,170.51	1/4	2,795.24	1/4	2,419.83	1/4	2,044.50	1/4	1,669.17
1/2	1/2	1/2	1/2	1/2	4,086.06	1/2	3,855.89	1/2	3,538.03	1/2	3,162.70	1/2	2,787.45	1/2	2,412.01	1/2	2,036.68	1/2	1,661.35
3/4	3/4	3/4	3/4	3/4	4,081.26	3/4	3,851.10	3/4	3,530.21	3/4	3,154.88	3/4	2,779.67	3/4	2,404.19	3/4	2,028.86	3/4	1,653.52
8		8		8	4,076.47	8	3,846.30	8	3,522.39	8	3,147.06	8	2,771.82	8	2,396.37	8	2,021.04	8	1,645.70
1/4	1/4	1/4	1/4	1/4	4,071.68	1/4	3,841.51	1/4	3,514.57	1/4	3,139.24	1/4	2,763.96	1/4	2,388.56	1/4	2,013.23	1/4	1,637.88
1/2	1/2	1/2	1/2	1/2	4,066.89	1/2	3,836.72	1/2	3,506.75	1/2	3,131.42	1/2	2,756.11	1/2	2,380.74	1/2	2,005.41	1/2	1,630.06
3/4	3/4	3/4	3/4	3/4	4,062.10	3/4	3,831.93	3/4	3,498.93	3/4	3,123.60	3/4	2,748.26	3/4	2,372.93	3/4	1,997.60	3/4	1,622.24
9		9		9	4,057.30	9	3,827.01	9	3,491.11	9	3,115.77	9	2,740.44	9	2,365.11	9	1,989.77	9	1,614.42
1/4	1/4	1/4	1/4	1/4	4,052.50	1/4	3,822.08	1/4	3,483.29	1/4	3,107.95	1/4	2,732.62	1/4	2,357.29	1/4	1,981.95	1/4	1,606.61
1/2	1/2	1/2	1/2	1/2	4,047.70	1/2	3,817.16	1/2	3,475.46	1/2	3,100.13	1/2	2,724.80	1/2	2,349.46	1/2	1,974.13	1/2	1,598.79
3/4	3/4	3/4	3/4	3/4	4,042.90	3/4	3,812.24	3/4	3,467.64	3/4	3,092.31	3/4	2,716.98	3/4	2,341.64	3/4	1,966.31	3/4	1,590.98
10		10		10	4,038.11	10	3,806.94	10	3,459.83	10	3,084.49	10	2,709.15	10	2,333.82	10	1,958.49	10	1,583.15
1/4	1/4	1/4	1/4	1/4	4,033.31	1/4	3,801.64	1/4	3,452.01	1/4	3,076.68	1/4	2,701.33	1/4	2,326.00	1/4	1,950.67	1/4	1,575.33
1/2	1/2	1/2	1/2	1/2	4,028.51	1/2	3,796.35	1/2	3,444.20	1/2	3,068.86	1/2	2,693.51	1/2	2,318.18	1/2	1,942.85	1/2	1,567.51
3/4	3/4	3/4	3/4	3/4	4,023.71	3/4	3,791.05	3/4	3,436.38	3/4	3,061.05	3/4	2,685.69	3/4	2,310.36	3/4	1,935.02	3/4	1,559.69
11		11		11	4,018.92	11	3,785.24	11	3,428.56	11	3,053.23	11	2,677.87	11	2,302.54	11	1,927.21	11	1,551.87
1/4	1/4	1/4	1/4	1/4	4,014.13	1/4	3,779.44	1/4	3,420.74	1/4	3,045.40	1/4	2,670.06	1/4	2,294.73	1/4	1,919.39	1/4	1,544.05
1/2	1/2	1/2	1/2	1/2	4,009.34	1/2	3,773.64	1/2	3,412.92	1/2	3,037.58	1/2	2,662.24	1/2	2,286.91	1/2	1,911.58	1/2	1,536.23
3/4	3/4	3/4	3/4	3/4	4,004.55	3/4	3,767.83	3/4	3,405.10	3/4	3,029.76	3/4	2,654.43	3/4	2,279.10	3/4	1,903.76	3/4	1,528.40

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 41'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 336"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-01"

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	1,520.59	0	1,145.26	0	771.28	0	397.66	0	30.87	0		0		0		0		0	
1/4	1,512.77	1/4	1,137.44	1/4	763.46	1/4	389.85	1/4	25.99	1/4		1/4		1/4		1/4		1/4	
1/2	1,504.96	1/2	1,129.62	1/2	755.65	1/2	382.03	1/2	21.10	1/2		1/2		1/2		1/2		1/2	
3/4	1,497.14	3/4	1,121.81	3/4	747.83	3/4	374.21	3/4	16.21	3/4		3/4		3/4		3/4		3/4	
1	1,489.32	1	1,113.99	1	740.01	1	366.39	1	13.28	1		1		1		1		1	
1/4	1,481.50	1/4	1,106.17	1/4	732.19	1/4	358.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,473.68	1/2	1,098.34	1/2	724.37	1/2	350.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,465.86	3/4	1,090.52	3/4	716.55	3/4	342.93	3/4		3/4		3/4		3/4		3/4		3/4	
2	1,458.04	2	1,082.74	2	708.73	2	335.11	2		2		2		2		2		2	
1/4	1,450.21	1/4	1,074.95	1/4	700.90	1/4	327.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,442.39	1/2	1,067.17	1/2	693.08	1/2	319.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,434.57	3/4	1,059.38	3/4	685.26	3/4	311.64	3/4		3/4		3/4		3/4		3/4		3/4	
3	1,426.76	3	1,051.59	3	677.45	3	303.83	3		3		3		3		3		3	
1/4	1,418.94	1/4	1,043.81	1/4	669.63	1/4	296.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,411.12	1/2	1,036.02	1/2	661.82	1/2	288.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,403.31	3/4	1,028.24	3/4	654.00	3/4	280.38	3/4		3/4		3/4		3/4		3/4		3/4	
4	1,395.49	4	1,020.45	4	646.18	4	272.56	4		4		4		4		4		4	
1/4	1,387.67	1/4	1,012.67	1/4	638.36	1/4	264.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,379.85	1/2	1,004.88	1/2	630.54	1/2	256.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,372.02	3/4	997.09	3/4	622.71	3/4	249.10	3/4		3/4		3/4		3/4		3/4		3/4	
5	1,364.20	5	989.31	5	614.96	5	241.27	5		5		5		5		5		5	
1/4	1,356.38	1/4	981.52	1/4	607.21	1/4	233.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,348.56	1/2	973.74	1/2	599.46	1/2	225.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,340.74	3/4	965.95	3/4	591.71	3/4	217.81	3/4		3/4		3/4		3/4		3/4		3/4	
6	1,332.92	6	958.17	6	583.97	6	210.07	6		6		6		6		6		6	
1/4	1,325.11	1/4	950.38	1/4	576.23	1/4	202.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,317.29	1/2	942.59	1/2	568.48	1/2	194.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,309.48	3/4	934.81	3/4	560.74	3/4	186.83	3/4		3/4		3/4		3/4		3/4		3/4	
7	1,301.65	7	927.02	7	552.99	7	179.08	7		7		7		7		7		7	
1/4	1,293.83	1/4	919.24	1/4	545.24	1/4	171.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,286.01	1/2	911.45	1/2	537.49	1/2	163.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,278.19	3/4	903.67	3/4	529.74	3/4	155.83	3/4		3/4		3/4		3/4		3/4		3/4	
8	1,270.37	8	895.88	8	521.99	8	148.08	8		8		8		8		8		8	
1/4	1,262.55	1/4	888.09	1/4	514.24	1/4	140.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,254.73	1/2	880.31	1/2	506.49	1/2	132.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,246.90	3/4	872.52	3/4	498.74	3/4	124.83	3/4		3/4		3/4		3/4		3/4		3/4	
9	1,239.09	9	864.74	9	490.99	9	117.08	9		9		9		9		9		9	
1/4	1,231.27	1/4	856.95	1/4	483.25	1/4	109.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,223.46	1/2	849.17	1/2	475.51	1/2	101.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,215.64	3/4	841.38	3/4	467.76	3/4	93.83	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,207.82	10	833.59	10	460.01	10	86.09	10		10		10		10		10		10	
1/4	1,200.00	1/4	825.81	1/4	452.26	1/4	78.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,192.18	1/2	818.02	1/2	444.51	1/2	70.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,184.36	3/4	810.24	3/4	436.76	3/4	62.86	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,176.54	11	802.45	11	428.94	11	56.08	11		11		11		11		11		11	
1/4	1,168.71	1/4	794.67	1/4	421.12	1/4	49.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,160.89	1/2	786.88	1/2	413.30	1/2	42.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,153.07	3/4	779.10	3/4	405.48	3/4	35.76	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/07/2002 INSP.
DECK MEASUREMENTS: 05/07/2012 SW CL
REPRINTED: 05/08/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2012

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

CBC 336 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	