



BARGE "CBC 7024"

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	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-3/4	00-3/4	- 01-0/8	01-0/8
1 STBD	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-3/4	00-3/4	- 01-0/8	01-0/8
2 PORT	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-1/8	01-1/8	- 01-1/2	01-1/2	- 01-7/8	01-7/8	- 02-1/4	02-1/4
2 STBD	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-1/8	01-1/8	- 01-1/2	01-1/2	- 01-7/8	01-7/8	- 02-1/4	02-1/4
3 PORT	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-3/4	00-3/4	- 01-0/8	01-0/8
3 STBD	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 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 = 1'-00"
 AFT DRAFT = 3'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

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

LENGTH BETWEEN DRAFT MARKS: 206'-03"

November 5, 2015

PRECISION MEASUREMENT
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 P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 7024"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-00 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	2,760.82	0	2,589.47	0	2,387.21	0	2,179.02	0	1,970.83	0	1,762.65	0	1,554.46	0	1,346.27
1/4	1/4	1/4	1/4	1/4	2,759.22	1/4	2,585.43	1/4	2,382.87	1/4	2,174.69	1/4	1,966.50	1/4	1,758.31	1/4	1,550.13	1/4	1,341.94
1/2	1/2	1/2	1/2	1/2	2,757.62	1/2	2,581.39	1/2	2,378.53	1/2	2,170.35	1/2	1,962.16	1/2	1,753.98	1/2	1,545.79	1/2	1,337.60
3/4	3/4	3/4	3/4	3/4	2,755.38	3/4	2,577.32	3/4	2,374.19	3/4	2,166.01	3/4	1,957.82	3/4	1,749.64	3/4	1,541.45	3/4	1,333.26
1		1		1	2,753.14	1	2,573.26	1	2,369.86	1	2,161.67	1	1,953.48	1	1,745.30	1	1,537.11	1	1,328.93
1/4	1/4	1/4	1/4	1/4	2,750.90	1/4	2,569.19	1/4	2,365.52	1/4	2,157.34	1/4	1,949.15	1/4	1,740.97	1/4	1,532.78	1/4	1,324.59
1/2	1/2	1/2	1/2	1/2	2,748.66	1/2	2,565.12	1/2	2,361.18	1/2	2,153.00	1/2	1,944.81	1/2	1,736.63	1/2	1,528.44	1/2	1,320.26
3/4	3/4	3/4	3/4	3/4	2,745.78	3/4	2,561.02	3/4	2,356.84	3/4	2,148.66	3/4	1,940.47	3/4	1,732.29	3/4	1,524.10	3/4	1,315.92
2		2		2	2,742.90	2	2,556.93	2	2,352.51	2	2,144.32	2	1,936.13	2	1,727.95	2	1,519.76	2	1,311.58
1/4	1/4	1/4	1/4	1/4	2,740.02	1/4	2,552.83	1/4	2,348.17	1/4	2,139.99	1/4	1,931.80	1/4	1,723.62	1/4	1,515.43	1/4	1,307.25
1/2	1/2	1/2	1/2	1/2	2,737.14	1/2	2,548.73	1/2	2,343.83	1/2	2,135.65	1/2	1,927.46	1/2	1,719.28	1/2	1,511.09	1/2	1,302.91
3/4	3/4	3/4	3/4	3/4	2,733.62	3/4	2,544.61	3/4	2,339.50	3/4	2,131.31	3/4	1,923.12	3/4	1,714.94	3/4	1,506.75	3/4	1,298.57
3		3		3	2,730.10	3	2,540.49	3	2,335.16	3	2,126.97	3	1,918.78	3	1,710.60	3	1,502.41	3	1,294.23
1/4	1/4	1/4	1/4	1/4	2,726.58	1/4	2,536.36	1/4	2,330.83	1/4	2,122.64	1/4	1,914.45	1/4	1,706.27	1/4	1,498.08	1/4	1,289.90
1/2	1/2	1/2	1/2	1/2	2,723.06	1/2	2,532.24	1/2	2,326.49	1/2	2,118.30	1/2	1,910.11	1/2	1,701.93	1/2	1,493.74	1/2	1,285.56
3/4	3/4	3/4	3/4	3/4	2,719.21	3/4	2,528.09	3/4	2,322.15	3/4	2,113.96	3/4	1,905.77	3/4	1,697.59	3/4	1,489.40	3/4	1,281.22
4		4		4	2,715.35	4	2,523.94	4	2,317.82	4	2,109.62	4	1,901.44	4	1,693.25	4	1,485.06	4	1,276.88
1/4	1/4	1/4	1/4	1/4	2,711.50	1/4	2,519.78	1/4	2,313.48	1/4	2,105.29	1/4	1,897.10	1/4	1,688.92	1/4	1,480.73	1/4	1,272.55
1/2	1/2	1/2	1/2	1/2	2,707.64	1/2	2,515.63	1/2	2,309.14	1/2	2,100.95	1/2	1,892.77	1/2	1,684.58	1/2	1,476.39	1/2	1,268.21
3/4	3/4	3/4	3/4	3/4	2,703.78	3/4	2,511.45	3/4	2,304.80	3/4	2,096.61	3/4	1,888.43	3/4	1,680.24	3/4	1,472.05	3/4	1,263.87
5		5		5	2,699.93	5	2,507.28	5	2,300.47	5	2,092.27	5	1,884.09	5	1,675.90	5	1,467.72	5	1,259.53
1/4	1/4	1/4	1/4	1/4	2,696.07	1/4	2,503.10	1/4	2,296.13	1/4	2,087.94	1/4	1,879.76	1/4	1,671.57	1/4	1,463.38	1/4	1,255.20
1/2	1/2	1/2	1/2	1/2	2,692.21	1/2	2,498.92	1/2	2,291.79	1/2	2,083.60	1/2	1,875.42	1/2	1,667.23	1/2	1,459.05	1/2	1,250.86
3/4	3/4	3/4	3/4	3/4	2,688.34	3/4	2,494.71	3/4	2,287.45	3/4	2,079.26	3/4	1,871.08	3/4	1,662.89	3/4	1,454.71	3/4	1,246.52
6		6		6	2,684.46	6	2,490.51	6	2,283.12	6	2,074.92	6	1,866.74	6	1,658.55	6	1,450.37	6	1,242.18
1/4	1/4	1/4	1/4	1/4	2,680.59	1/4	2,486.30	1/4	2,278.78	1/4	2,070.59	1/4	1,862.41	1/4	1,654.22	1/4	1,446.04	1/4	1,237.85
1/2	1/2	1/2	1/2	1/2	2,676.71	1/2	2,482.09	1/2	2,274.44	1/2	2,066.25	1/2	1,858.07	1/2	1,649.88	1/2	1,441.70	1/2	1,233.51
3/4	3/4	3/4	3/4	3/4	2,672.81	3/4	2,477.83	3/4	2,270.10	3/4	2,061.91	3/4	1,853.73	3/4	1,645.54	3/4	1,437.36	3/4	1,229.17
7		7		7	2,668.91	7	2,473.58	7	2,265.77	7	2,057.58	7	1,849.39	7	1,641.20	7	1,433.02	7	1,224.83
1/4	1/4	1/4	1/4	1/4	2,665.00	1/4	2,469.32	1/4	2,261.43	1/4	2,053.24	1/4	1,845.06	1/4	1,636.87	1/4	1,428.69	1/4	1,220.50
1/2	1/2	1/2	1/2	1/2	2,661.10	1/2	2,465.06	1/2	2,257.09	1/2	2,048.91	1/2	1,840.72	1/2	1,632.53	1/2	1,424.35	1/2	1,216.16
3/4	3/4	3/4	3/4	3/4	2,657.17	3/4	2,460.76	3/4	2,252.75	3/4	2,044.57	3/4	1,836.38	3/4	1,628.19	3/4	1,420.01	3/4	1,211.82
8		8		8	2,653.24	8	2,456.47	8	2,248.42	8	2,040.23	8	1,832.04	8	1,623.86	8	1,415.67	8	1,207.48
1/4	1/4	1/4	1/4	1/4	2,649.31	1/4	2,452.17	1/4	2,244.08	1/4	2,035.90	1/4	1,827.71	1/4	1,619.52	1/4	1,411.34	1/4	1,203.15
1/2	1/2	1/2	1/2	1/2	2,645.38	1/2	2,447.87	1/2	2,239.74	1/2	2,031.56	1/2	1,823.37	1/2	1,615.19	1/2	1,407.00	1/2	1,198.81
3/4	3/4	3/4	3/4	3/4	2,641.42	3/4	2,443.55	3/4	2,235.40	3/4	2,027.22	3/4	1,819.03	3/4	1,610.85	3/4	1,402.66	3/4	1,194.47
9		9		9	2,637.47	9	2,439.23	9	2,231.06	9	2,022.88	9	1,814.69	9	1,606.51	9	1,398.32	9	1,190.14
1/4	1/4	1/4	1/4	1/4	2,633.51	1/4	2,434.90	1/4	2,226.73	1/4	2,018.55	1/4	1,810.36	1/4	1,602.18	1/4	1,393.99	1/4	1,185.80
1/2	1/2	1/2	1/2	1/2	2,769.14	1/2	2,629.55	1/2	2,222.39	1/2	2,014.21	1/2	1,806.02	1/2	1,597.84	1/2	1,389.65	1/2	1,181.47
3/4	3/4	3/4	3/4	3/4	2,768.82	3/4	2,625.57	3/4	2,426.24	3/4	2,218.05	3/4	2,009.87	3/4	1,801.68	3/4	1,593.50	3/4	1,385.31
10		10		10	2,768.50	10	2,621.58	10	2,421.91	10	2,213.71	10	2,005.53	10	1,797.34	10	1,589.16	10	1,380.97
1/4	1/4	1/4	1/4	1/4	2,768.18	1/4	2,617.60	1/4	2,417.57	1/4	2,209.38	1/4	2,001.20	1/4	1,793.01	1/4	1,584.83	1/4	1,376.64
1/2	1/2	1/2	1/2	1/2	2,767.86	1/2	2,613.61	1/2	2,413.23	1/2	2,205.04	1/2	1,996.86	1/2	1,788.67	1/2	1,580.49	1/2	1,372.30
3/4	3/4	3/4	3/4	3/4	2,766.90	3/4	2,609.60	3/4	2,408.89	3/4	2,200.70	3/4	1,992.52	3/4	1,784.33	3/4	1,576.15	3/4	1,367.96
11		11		11	2,765.94	11	2,605.58	11	2,404.56	11	2,196.37	11	1,988.18	11	1,779.99	11	1,571.81	11	1,363.62
1/4	1/4	1/4	1/4	1/4	2,764.98	1/4	2,601.57	1/4	2,400.22	1/4	2,192.03	1/4	1,983.85	1/4	1,775.66	1/4	1,567.48	1/4	1,359.29
1/2	1/2	1/2	1/2	1/2	2,764.02	1/2	2,597.55	1/2	2,395.88	1/2	2,187.70	1/2	1,979.51	1/2	1,771.32	1/2	1,563.14	1/2	1,354.95
3/4	3/4	3/4	3/4	3/4	2,762.42	3/4	2,593.51	3/4	2,391.54	3/4	2,183.36	3/4	1,975.17	3/4	1,766.98	3/4	1,558.80	3/4	1,350.61

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 08'-06" OFF CENTERLINE AND 30'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "CBC 7024"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-00 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,138.09	0	929.90	0	721.72	0	513.57	0	314.92	0	141.24	0	6.98	0		0		0	
1/4	1,133.76	1/4	925.57	1/4	717.39	1/4	509.24	1/4	311.04	1/4	137.90	1/4	5.77	1/4		1/4		1/4	
1/2	1,129.42	1/2	921.23	1/2	713.05	1/2	504.91	1/2	307.15	1/2	134.55	1/2	4.56	1/2		1/2		1/2	
3/4	1,125.08	3/4	916.89	3/4	708.71	3/4	500.58	3/4	303.30	3/4	131.24	3/4		3/4		3/4		3/4	
1	1,120.74	1	912.55	1	704.37	1	496.25	1	299.46	1	127.94	1		1		1		1	
1/4	1,116.41	1/4	908.22	1/4	700.04	1/4	491.92	1/4	295.61	1/4	124.63	1/4		1/4		1/4		1/4	
1/2	1,112.07	1/2	903.88	1/2	695.70	1/2	487.59	1/2	291.77	1/2	121.33	1/2		1/2		1/2		1/2	
3/4	1,107.73	3/4	899.54	3/4	691.36	3/4	483.28	3/4	287.97	3/4	118.07	3/4		3/4		3/4		3/4	
2	1,103.39	2	895.21	2	687.02	2	478.96	2	284.17	2	114.81	2		2		2		2	
1/4	1,099.06	1/4	890.87	1/4	682.69	1/4	474.65	1/4	280.38	1/4	111.55	1/4		1/4		1/4		1/4	
1/2	1,094.72	1/2	886.54	1/2	678.35	1/2	470.34	1/2	276.58	1/2	108.29	1/2		1/2		1/2		1/2	
3/4	1,090.38	3/4	882.20	3/4	674.01	3/4	466.06	3/4	272.83	3/4	105.09	3/4		3/4		3/4		3/4	
3	1,086.04	3	877.86	3	669.67	3	461.79	3	269.07	3	101.89	3		3		3		3	
1/4	1,081.71	1/4	873.53	1/4	665.34	1/4	457.51	1/4	265.32	1/4	98.69	1/4		1/4		1/4		1/4	
1/2	1,077.37	1/2	869.19	1/2	661.00	1/2	453.24	1/2	261.57	1/2	95.49	1/2		1/2		1/2		1/2	
3/4	1,073.03	3/4	864.85	3/4	656.66	3/4	449.01	3/4	257.86	3/4	92.33	3/4		3/4		3/4		3/4	
4	1,068.69	4	860.51	4	652.32	4	444.77	4	254.15	4	89.18	4		4		4		4	
1/4	1,064.36	1/4	856.18	1/4	647.99	1/4	440.54	1/4	250.45	1/4	86.02	1/4		1/4		1/4		1/4	
1/2	1,060.02	1/2	851.84	1/2	643.65	1/2	436.31	1/2	246.74	1/2	82.87	1/2		1/2		1/2		1/2	
3/4	1,055.68	3/4	847.50	3/4	639.31	3/4	432.12	3/4	243.07	3/4	79.76	3/4		3/4		3/4		3/4	
5	1,051.34	5	843.16	5	634.97	5	427.93	5	239.41	5	76.65	5		5		5		5	
1/4	1,047.01	1/4	838.83	1/4	630.64	1/4	423.75	1/4	235.74	1/4	73.54	1/4		1/4		1/4		1/4	
1/2	1,042.67	1/2	834.49	1/2	626.30	1/2	419.56	1/2	232.08	1/2	70.43	1/2		1/2		1/2		1/2	
3/4	1,038.33	3/4	830.15	3/4	621.96	3/4	415.42	3/4	228.46	3/4	67.36	3/4		3/4		3/4		3/4	
6	1,034.00	6	825.81	6	617.62	6	411.27	6	224.84	6	64.30	6		6		6		6	
1/4	1,029.66	1/4	821.48	1/4	613.29	1/4	407.13	1/4	221.23	1/4	61.23	1/4		1/4		1/4		1/4	
1/2	1,025.33	1/2	817.14	1/2	608.95	1/2	402.99	1/2	217.61	1/2	58.17	1/2		1/2		1/2		1/2	
3/4	1,020.99	3/4	812.80	3/4	604.61	3/4	398.89	3/4	214.04	3/4	55.15	3/4		3/4		3/4		3/4	
7	1,016.65	7	808.46	7	600.28	7	394.79	7	210.46	7	52.13	7		7		7		7	
1/4	1,012.32	1/4	804.13	1/4	595.94	1/4	390.70	1/4	206.89	1/4	49.11	1/4		1/4		1/4		1/4	
1/2	1,007.98	1/2	799.79	1/2	591.61	1/2	386.60	1/2	203.32	1/2	46.09	1/2		1/2		1/2		1/2	
3/4	1,003.64	3/4	795.45	3/4	587.27	3/4	382.55	3/4	199.79	3/4	43.26	3/4		3/4		3/4		3/4	
8	999.30	8	791.11	8	582.93	8	378.49	8	196.26	8	40.43	8		8		8		8	
1/4	994.97	1/4	786.78	1/4	578.60	1/4	374.44	1/4	192.73	1/4	37.61	1/4		1/4		1/4		1/4	
1/2	990.63	1/2	782.44	1/2	574.26	1/2	370.39	1/2	189.20	1/2	34.78	1/2		1/2		1/2		1/2	
3/4	986.29	3/4	778.10	3/4	569.92	3/4	366.37	3/4	185.72	3/4	32.28	3/4		3/4		3/4		3/4	
9	981.95	9	773.76	9	565.58	9	362.36	9	182.23	9	29.78	9		9		9		9	
1/4	977.62	1/4	769.43	1/4	561.25	1/4	358.34	1/4	178.75	1/4	27.29	1/4		1/4		1/4		1/4	
1/2	973.28	1/2	765.09	1/2	556.91	1/2	354.33	1/2	175.27	1/2	24.79	1/2		1/2		1/2		1/2	
3/4	968.94	3/4	760.75	3/4	552.57	3/4	350.35	3/4	171.83	3/4	22.64	3/4		3/4		3/4		3/4	
10	964.60	10	756.42	10	548.23	10	346.38	10	168.39	10	20.49	10		10		10		10	
1/4	960.27	1/4	752.08	1/4	543.90	1/4	342.40	1/4	164.95	1/4	18.34	1/4		1/4		1/4		1/4	
1/2	955.93	1/2	747.75	1/2	539.56	1/2	338.43	1/2	161.51	1/2	16.19	1/2		1/2		1/2		1/2	
3/4	951.59	3/4	743.41	3/4	535.23	3/4	334.50	3/4	158.12	3/4	14.49	3/4		3/4		3/4		3/4	
11	947.25	11	739.07	11	530.89	11	330.56	11	154.72	11	12.79	11		11		11		11	
1/4	942.92	1/4	734.74	1/4	526.56	1/4	326.63	1/4	151.33	1/4	11.10	1/4		1/4		1/4		1/4	
1/2	938.58	1/2	730.40	1/2	522.23	1/2	322.70	1/2	147.94	1/2	9.40	1/2		1/2		1/2		1/2	
3/4	934.24	3/4	726.06	3/4	517.90	3/4	318.81	3/4	144.59	3/4	8.19	3/4		3/4		3/4		3/4	

STRAPPED: 07/20/1997 SI
DECK MEASUREMENTS: 11/05/2015 SW CL
PRINTED: 11/06/2015 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "CBC 7024"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-00 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.		
0		0		0		0	2,587.40	0	2,385.90	0	2,178.21	0	1,970.51	0	1,762.82	0	1,555.12	0	1,347.42		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,754.31	1/4	2,583.37	1/4	2,381.58	1/4	2,173.89	1/4	1,966.19	1/4	1,758.49	1/4	1,550.80	1/4	1,343.10
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,752.71	1/2	2,579.33	1/2	2,377.25	1/2	2,169.56	1/2	1,961.86	1/2	1,754.17	1/2	1,546.47	1/2	1,338.77
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,751.11	3/4	2,575.30	3/4	2,372.92	3/4	2,165.23	3/4	1,957.53	3/4	1,749.84	3/4	1,542.14	3/4	1,334.44
1		1		1		1	2,748.88	1	2,571.24	1	2,368.60	1	2,160.90	1	1,953.20	1	1,745.51	1	1,537.81	1	1,330.12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,746.64	1/4	2,567.19	1/4	2,364.27	1/4	2,156.58	1/4	1,948.88	1/4	1,741.19	1/4	1,533.49	1/4	1,325.79
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,744.41	1/2	2,563.13	1/2	2,359.95	1/2	2,152.25	1/2	1,944.55	1/2	1,736.86	1/2	1,529.16	1/2	1,321.47
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,742.17	3/4	2,559.07	3/4	2,355.62	3/4	2,147.92	3/4	1,940.22	3/4	1,732.53	3/4	1,524.83	3/4	1,317.14
2		2		2		2	2,739.30	2	2,554.98	2	2,351.29	2	2,143.59	2	1,935.90	2	1,728.20	2	1,520.50	2	1,312.81
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,736.43	1/4	2,550.90	1/4	2,346.97	1/4	2,139.27	1/4	1,931.57	1/4	1,723.88	1/4	1,516.18	1/4	1,308.49
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,733.55	1/2	2,546.81	1/2	2,342.64	1/2	2,134.94	1/2	1,927.25	1/2	1,719.55	1/2	1,511.85	1/2	1,304.16
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,730.68	3/4	2,542.72	3/4	2,338.31	3/4	2,130.61	3/4	1,922.92	3/4	1,715.22	3/4	1,507.52	3/4	1,299.83
3		3		3		3	2,727.17	3	2,538.61	3	2,333.98	3	2,126.28	3	1,918.59	3	1,710.89	3	1,503.20	3	1,295.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,723.66	1/4	2,534.50	1/4	2,329.66	1/4	2,121.96	1/4	1,914.27	1/4	1,706.57	1/4	1,498.87	1/4	1,291.18
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,720.14	1/2	2,530.38	1/2	2,325.33	1/2	2,117.63	1/2	1,909.94	1/2	1,702.24	1/2	1,494.55	1/2	1,286.85
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,716.63	3/4	2,526.27	3/4	2,321.00	3/4	2,113.30	3/4	1,905.61	3/4	1,697.91	3/4	1,490.22	3/4	1,282.52
4		4		4		4	2,712.79	4	2,522.13	4	2,316.67	4	2,108.98	4	1,901.28	4	1,693.58	4	1,485.89	4	1,278.19
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,708.94	1/4	2,517.99	1/4	2,312.35	1/4	2,104.65	1/4	1,896.96	1/4	1,689.26	1/4	1,481.57	1/4	1,273.87
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,705.10	1/2	2,513.84	1/2	2,308.02	1/2	2,100.33	1/2	1,892.63	1/2	1,684.93	1/2	1,477.24	1/2	1,269.54
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,701.25	3/4	2,509.70	3/4	2,303.69	3/4	2,096.00	3/4	1,888.30	3/4	1,680.60	3/4	1,472.91	3/4	1,265.21
5		5		5		5	2,697.40	5	2,505.53	5	2,299.36	5	2,091.67	5	1,883.97	5	1,676.28	5	1,468.58	5	1,260.88
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,693.56	1/4	2,501.37	1/4	2,295.04	1/4	2,087.35	1/4	1,879.65	1/4	1,671.95	1/4	1,464.26	1/4	1,256.56
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,689.71	1/2	2,497.20	1/2	2,290.71	1/2	2,083.02	1/2	1,875.32	1/2	1,667.63	1/2	1,459.93	1/2	1,252.23
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,685.86	3/4	2,493.03	3/4	2,286.38	3/4	2,078.69	3/4	1,870.99	3/4	1,663.30	3/4	1,455.60	3/4	1,247.90
6		6		6		6	2,682.00	6	2,488.83	6	2,282.06	6	2,074.36	6	1,866.66	6	1,658.97	6	1,451.27	6	1,243.58
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,678.13	1/4	2,484.64	1/4	2,277.73	1/4	2,070.04	1/4	1,862.34	1/4	1,654.65	1/4	1,446.95	1/4	1,239.25
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,674.27	1/2	2,480.44	1/2	2,273.41	1/2	2,065.71	1/2	1,858.01	1/2	1,650.32	1/2	1,442.62	1/2	1,234.93
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,670.40	3/4	2,476.24	3/4	2,269.08	3/4	2,061.38	3/4	1,853.68	3/4	1,645.99	3/4	1,438.29	3/4	1,230.60
7		7		7		7	2,666.51	7	2,471.99	7	2,264.75	7	2,057.05	7	1,849.36	7	1,641.66	7	1,433.96	7	1,226.27
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,662.61	1/4	2,467.74	1/4	2,260.43	1/4	2,052.73	1/4	1,845.03	1/4	1,637.34	1/4	1,429.64	1/4	1,221.95
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,658.72	1/2	2,463.49	1/2	2,256.10	1/2	2,048.40	1/2	1,840.71	1/2	1,633.01	1/2	1,425.31	1/2	1,217.62
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,654.82	3/4	2,459.24	3/4	2,251.77	3/4	2,044.07	3/4	1,836.38	3/4	1,628.68	3/4	1,420.98	3/4	1,213.29
8		8		8		8	2,650.90	8	2,454.96	8	2,247.44	8	2,039.74	8	1,832.05	8	1,624.35	8	1,416.66	8	1,208.96
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,646.98	1/4	2,450.67	1/4	2,243.12	1/4	2,035.42	1/4	1,827.73	1/4	1,620.03	1/4	1,412.33	1/4	1,204.64
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,643.06	1/2	2,446.39	1/2	2,238.79	1/2	2,031.09	1/2	1,823.40	1/2	1,615.70	1/2	1,408.01	1/2	1,200.31
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,639.14	3/4	2,442.10	3/4	2,234.46	3/4	2,026.76	3/4	1,819.07	3/4	1,611.37	3/4	1,403.68	3/4	1,195.98
9		9		9		9	2,635.19	9	2,437.79	9	2,230.13	9	2,022.44	9	1,814.74	9	1,607.04	9	1,399.35	9	1,191.65
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,631.25	1/4	2,433.48	1/4	2,225.81	1/4	2,018.11	1/4	1,810.42	1/4	1,602.72	1/4	1,395.03	1/4	1,187.33
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,627.30	1/2	2,429.16	1/2	2,221.48	1/2	2,013.79	1/2	1,806.09	1/2	1,598.39	1/2	1,390.70	1/2	1,183.00
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,623.35	3/4	2,424.85	3/4	2,217.15	3/4	2,009.46	3/4	1,801.76	3/4	1,594.06	3/4	1,386.37	3/4	1,178.67
10		10		10		10	2,619.37	10	2,420.52	10	2,212.82	10	2,005.13	10	1,797.43	10	1,589.74	10	1,382.04	10	1,174.34
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,615.40	1/4	2,416.20	1/4	2,208.50	1/4	2,000.81	1/4	1,793.11	1/4	1,585.41	1/4	1,377.72	1/4	1,170.02
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,611.42	1/2	2,411.87	1/2	2,204.17	1/2	1,996.48	1/2	1,788.78	1/2	1,581.09	1/2	1,373.39	1/2	1,165.69
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,607.44	3/4	2,407.54	3/4	2,199.84	3/4	1,992.15	3/4	1,784.45	3/4	1,576.76	3/4	1,369.06	3/4	1,161.36
11		11		11		11	2,603.44	11	2,403.21	11	2,195.52	11	1,987.82	11	1,780.12	11	1,572.43	11	1,364.73	11	1,157.04
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,599.44	1/4	2,398.89	1/4	2,191.19	1/4	1,983.50	1/4	1,775.80	1/4	1,568.11	1/4	1,360.41	1/4	1,152.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,595.43	1/2	2,394.56	1/2	2,186.87	1/2	1,979.17	1/2	1,771.47	1/2	1,563.78	1/2	1,356.08	1/2	1,148.39
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,591.43	3/4	2,390.23	3/4	2,182.54	3/4	1,974.84	3/4	1,767.14	3/4	1,559.45	3/4	1,351.75	3/4	1,144.06

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 08'-06" OFF CENTERLINE AND 30'-09" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 7024"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-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	1,139.74	0	932.03	0	724.33	0	516.67	0	318.05	0	144.24	0	8.16	0		0		0	
1/4	1,135.42	1/4	927.70	1/4	720.01	1/4	512.35	1/4	314.17	1/4	140.90	1/4	6.95	1/4		1/4		1/4	
1/2	1,131.10	1/2	923.38	1/2	715.68	1/2	508.03	1/2	310.29	1/2	137.56	1/2	5.75	1/2		1/2		1/2	
3/4	1,126.78	3/4	919.05	3/4	711.36	3/4	503.71	3/4	306.41	3/4	134.22	3/4	4.54	3/4		3/4		3/4	
1	1,122.44	1	914.72	1	707.03	1	499.39	1	302.57	1	130.92	1		1		1		1	
1/4	1,118.11	1/4	910.39	1/4	702.70	1/4	495.07	1/4	298.74	1/4	127.62	1/4		1/4		1/4		1/4	
1/2	1,113.77	1/2	906.07	1/2	698.38	1/2	490.75	1/2	294.90	1/2	124.33	1/2		1/2		1/2		1/2	
3/4	1,109.44	3/4	901.74	3/4	694.05	3/4	486.43	3/4	291.07	3/4	121.03	3/4		3/4		3/4		3/4	
2	1,105.11	2	897.41	2	689.72	2	482.13	2	287.28	2	117.78	2		2		2		2	
1/4	1,100.79	1/4	893.09	1/4	685.39	1/4	477.82	1/4	283.49	1/4	114.53	1/4		1/4		1/4		1/4	
1/2	1,096.46	1/2	888.76	1/2	681.07	1/2	473.52	1/2	279.71	1/2	111.28	1/2		1/2		1/2		1/2	
3/4	1,092.13	3/4	884.44	3/4	676.74	3/4	469.22	3/4	275.92	3/4	108.03	3/4		3/4		3/4		3/4	
3	1,087.80	3	880.11	3	672.41	3	464.95	3	272.17	3	104.84	3		3		3		3	
1/4	1,083.47	1/4	875.78	1/4	668.08	1/4	460.69	1/4	268.43	1/4	101.64	1/4		1/4		1/4		1/4	
1/2	1,079.15	1/2	871.46	1/2	663.76	1/2	456.42	1/2	264.68	1/2	98.45	1/2		1/2		1/2		1/2	
3/4	1,074.82	3/4	867.13	3/4	659.43	3/4	452.16	3/4	260.94	3/4	95.26	3/4		3/4		3/4		3/4	
4	1,070.49	4	862.80	4	655.10	4	447.94	4	257.24	4	92.11	4		4		4		4	
1/4	1,066.17	1/4	858.47	1/4	650.77	1/4	443.71	1/4	253.54	1/4	88.96	1/4		1/4		1/4		1/4	
1/2	1,061.84	1/2	854.15	1/2	646.45	1/2	439.49	1/2	249.84	1/2	85.81	1/2		1/2		1/2		1/2	
3/4	1,057.52	3/4	849.82	3/4	642.12	3/4	435.27	3/4	246.14	3/4	82.66	3/4		3/4		3/4		3/4	
5	1,053.19	5	845.49	5	637.79	5	431.09	5	242.48	5	79.56	5		5		5		5	
1/4	1,048.86	1/4	841.16	1/4	633.47	1/4	426.91	1/4	238.83	1/4	76.45	1/4		1/4		1/4		1/4	
1/2	1,044.54	1/2	836.84	1/2	629.14	1/2	422.74	1/2	235.17	1/2	73.35	1/2		1/2		1/2		1/2	
3/4	1,040.21	3/4	832.51	3/4	624.82	3/4	418.56	3/4	231.52	3/4	70.25	3/4		3/4		3/4		3/4	
6	1,035.88	6	828.18	6	620.49	6	414.42	6	227.91	6	67.19	6		6		6		6	
1/4	1,031.55	1/4	823.85	1/4	616.16	1/4	410.29	1/4	224.30	1/4	64.13	1/4		1/4		1/4		1/4	
1/2	1,027.23	1/2	819.53	1/2	611.84	1/2	406.15	1/2	220.69	1/2	61.08	1/2		1/2		1/2		1/2	
3/4	1,022.90	3/4	815.20	3/4	607.51	3/4	402.02	3/4	217.08	3/4	58.02	3/4		3/4		3/4		3/4	
7	1,018.57	7	810.87	7	603.18	7	397.93	7	213.51	7	55.01	7		7		7		7	
1/4	1,014.24	1/4	806.55	1/4	598.85	1/4	393.84	1/4	209.95	1/4	51.99	1/4		1/4		1/4		1/4	
1/2	1,009.92	1/2	802.22	1/2	594.53	1/2	389.76	1/2	206.38	1/2	48.98	1/2		1/2		1/2		1/2	
3/4	1,005.59	3/4	797.90	3/4	590.20	3/4	385.67	3/4	202.82	3/4	45.97	3/4		3/4		3/4		3/4	
8	1,001.26	8	793.57	8	585.87	8	381.63	8	199.30	8	43.15	8		8		8		8	
1/4	996.93	1/4	789.24	1/4	581.54	1/4	377.58	1/4	195.78	1/4	40.33	1/4		1/4		1/4		1/4	
1/2	992.61	1/2	784.92	1/2	577.22	1/2	373.54	1/2	192.26	1/2	37.51	1/2		1/2		1/2		1/2	
3/4	988.28	3/4	780.59	3/4	572.89	3/4	369.50	3/4	188.74	3/4	34.69	3/4		3/4		3/4		3/4	
9	983.95	9	776.26	9	568.56	9	365.50	9	185.26	9	32.20	9		9		9		9	
1/4	979.63	1/4	771.93	1/4	564.23	1/4	361.49	1/4	181.79	1/4	29.71	1/4		1/4		1/4		1/4	
1/2	975.30	1/2	767.61	1/2	559.91	1/2	357.49	1/2	178.31	1/2	27.22	1/2		1/2		1/2		1/2	
3/4	970.98	3/4	763.28	3/4	555.58	3/4	353.49	3/4	174.84	3/4	24.73	3/4		3/4		3/4		3/4	
10	966.65	10	758.95	10	551.25	10	349.52	10	171.41	10	22.58	10		10		10		10	
1/4	962.32	1/4	754.62	1/4	546.93	1/4	345.55	1/4	167.98	1/4	20.43	1/4		1/4		1/4		1/4	
1/2	958.00	1/2	750.30	1/2	542.60	1/2	341.59	1/2	164.55	1/2	18.29	1/2		1/2		1/2		1/2	
3/4	953.67	3/4	745.97	3/4	538.28	3/4	337.62	3/4	161.12	3/4	16.14	3/4		3/4		3/4		3/4	
11	949.34	11	741.64	11	533.96	11	333.70	11	157.73	11	14.45	11		11		11		11	
1/4	945.01	1/4	737.31	1/4	529.63	1/4	329.77	1/4	154.35	1/4	12.75	1/4		1/4		1/4		1/4	
1/2	940.69	1/2	732.99	1/2	525.31	1/2	325.85	1/2	150.96	1/2	11.06	1/2		1/2		1/2		1/2	
3/4	936.36	3/4	728.66	3/4	520.99	3/4	321.93	3/4	147.58	3/4	9.37	3/4		3/4		3/4		3/4	

STRAPPED: 07/20/1997 SI
DECK MEASUREMENTS: 11/05/2015 SW CL
PRINTED: 11/06/2015 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "CBC 7024"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-00"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	2,900.95	0	2,680.33	0	2,455.61	0	2,230.89	0	2,006.17	0	1,781.44	0	1,556.72
1/4	1/4	1/4	1/4	1/4	3,099.79	1/4	2,896.51	1/4	2,675.65	1/4	2,450.93	1/4	2,226.21	1/4	2,001.49	1/4	1,776.76	1/4	1,552.04
1/2	1/2	1/2	1/2	1/2	3,096.06	1/2	2,892.07	1/2	2,670.97	1/2	2,446.25	1/2	2,221.53	1/2	1,996.81	1/2	1,772.08	1/2	1,547.36
3/4	3/4	3/4	3/4	3/4	3,092.33	3/4	2,887.62	3/4	2,666.28	3/4	2,441.56	3/4	2,216.84	3/4	1,992.12	3/4	1,767.40	3/4	1,542.68
1		1		1	3,088.60	1	2,883.18	1	2,661.60	1	2,436.88	1	2,212.16	1	1,987.44	1	1,762.72	1	1,538.00
1/4	1/4	1/4	1/4	1/4	3,084.55	1/4	2,878.71	1/4	2,656.92	1/4	2,432.20	1/4	2,207.48	1/4	1,982.76	1/4	1,758.04	1/4	1,533.32
1/2	1/2	1/2	1/2	1/2	3,080.50	1/2	2,874.24	1/2	2,652.24	1/2	2,427.52	1/2	2,202.80	1/2	1,978.08	1/2	1,753.36	1/2	1,528.64
3/4	3/4	3/4	3/4	3/4	3,076.44	3/4	2,869.76	3/4	2,647.56	3/4	2,422.84	3/4	2,198.11	3/4	1,973.39	3/4	1,748.67	3/4	1,523.95
2		2		2	3,072.39	2	2,865.29	2	2,642.88	2	2,418.16	2	2,193.43	2	1,968.71	2	1,743.99	2	1,519.27
1/4	1/4	1/4	1/4	1/4	3,068.21	1/4	2,860.79	1/4	2,638.20	1/4	2,413.48	1/4	2,188.75	1/4	1,964.03	1/4	1,739.31	1/4	1,514.59
1/2	1/2	1/2	1/2	1/2	3,064.03	1/2	2,856.29	1/2	2,633.52	1/2	2,408.80	1/2	2,184.07	1/2	1,959.35	1/2	1,734.63	1/2	1,509.91
3/4	3/4	3/4	3/4	3/4	3,059.85	3/4	2,851.79	3/4	2,628.83	3/4	2,404.11	3/4	2,179.39	3/4	1,954.67	3/4	1,729.94	3/4	1,505.22
3		3		3	3,055.67	3	2,847.29	3	2,624.15	3	2,399.43	3	2,174.71	3	1,949.99	3	1,725.26	3	1,500.54
1/4	1/4	1/4	1/4	1/4	3,051.46	1/4	2,842.76	1/4	2,619.47	1/4	2,394.75	1/4	2,170.03	1/4	1,945.31	1/4	1,720.58	1/4	1,495.86
1/2	1/2	1/2	1/2	1/2	3,047.25	1/2	2,838.23	1/2	2,614.79	1/2	2,390.07	1/2	2,165.35	1/2	1,940.63	1/2	1,715.90	1/2	1,491.18
3/4	3/4	3/4	3/4	3/4	3,043.03	3/4	2,833.69	3/4	2,610.10	3/4	2,385.38	3/4	2,160.66	3/4	1,935.94	3/4	1,711.22	3/4	1,486.50
4		4		4	3,038.82	4	2,829.16	4	2,605.42	4	2,380.70	4	2,155.98	4	1,931.26	4	1,706.54	4	1,481.82
1/4	1/4	1/4	1/4	1/4	3,034.61	1/4	2,824.60	1/4	2,600.74	1/4	2,376.02	1/4	2,151.30	1/4	1,926.58	1/4	1,701.86	1/4	1,477.14
1/2	1/2	1/2	1/2	1/2	3,030.40	1/2	2,820.04	1/2	2,596.06	1/2	2,371.34	1/2	2,146.62	1/2	1,921.90	1/2	1,697.18	1/2	1,472.46
3/4	3/4	3/4	3/4	3/4	3,026.18	3/4	2,815.47	3/4	2,591.38	3/4	2,366.66	3/4	2,141.93	3/4	1,917.21	3/4	1,692.49	3/4	1,467.77
5		5		5	3,021.97	5	2,810.91	5	2,586.70	5	2,361.98	5	2,137.25	5	1,912.53	5	1,687.81	5	1,463.09
1/4	1/4	1/4	1/4	1/4	3,017.74	1/4	2,806.32	1/4	2,582.02	1/4	2,357.30	1/4	2,132.57	1/4	1,907.85	1/4	1,683.13	1/4	1,458.41
1/2	1/2	1/2	1/2	1/2	3,013.51	1/2	2,801.73	1/2	2,577.34	1/2	2,352.62	1/2	2,127.89	1/2	1,903.17	1/2	1,678.45	1/2	1,453.73
3/4	3/4	3/4	3/4	3/4	3,009.27	3/4	2,797.14	3/4	2,572.65	3/4	2,347.93	3/4	2,123.21	3/4	1,898.49	3/4	1,673.76	3/4	1,449.04
6		6		6	3,005.04	6	2,792.55	6	2,567.97	6	2,343.25	6	2,118.53	6	1,893.81	6	1,669.08	6	1,444.36
1/4	1/4	1/4	1/4	1/4	3,000.78	1/4	2,787.90	1/4	2,563.29	1/4	2,338.57	1/4	2,113.85	1/4	1,889.13	1/4	1,664.40	1/4	1,439.68
1/2	1/2	1/2	1/2	1/2	2,996.52	1/2	2,783.25	1/2	2,558.61	1/2	2,333.89	1/2	2,109.17	1/2	1,884.45	1/2	1,659.72	1/2	1,435.00
3/4	3/4	3/4	3/4	3/4	2,992.25	3/4	2,778.60	3/4	2,553.92	3/4	2,329.20	3/4	2,104.48	3/4	1,879.76	3/4	1,655.04	3/4	1,430.32
7		7		7	2,987.99	7	2,773.95	7	2,549.24	7	2,324.52	7	2,099.80	7	1,875.08	7	1,650.36	7	1,425.64
1/4	1/4	1/4	1/4	1/4	2,983.70	1/4	2,769.27	1/4	2,544.56	1/4	2,319.84	1/4	2,095.12	1/4	1,870.40	1/4	1,645.68	1/4	1,420.96
1/2	1/2	1/2	1/2	1/2	2,979.41	1/2	2,764.60	1/2	2,539.88	1/2	2,315.16	1/2	2,090.44	1/2	1,865.72	1/2	1,641.00	1/2	1,416.28
3/4	3/4	3/4	3/4	3/4	2,975.11	3/4	2,759.92	3/4	2,535.20	3/4	2,310.47	3/4	2,085.75	3/4	1,861.03	3/4	1,636.31	3/4	1,411.59
8		8		8	2,970.82	8	2,755.24	8	2,530.52	8	2,305.79	8	2,081.07	8	1,856.35	8	1,631.63	8	1,406.91
1/4	1/4	1/4	1/4	1/4	2,966.50	1/4	2,750.56	1/4	2,525.84	1/4	2,301.11	1/4	2,076.39	1/4	1,851.67	1/4	1,626.95	1/4	1,402.23
1/2	1/2	1/2	1/2	1/2	2,962.18	1/2	2,745.88	1/2	2,521.16	1/2	2,296.43	1/2	2,071.71	1/2	1,846.99	1/2	1,622.27	1/2	1,397.55
3/4	3/4	3/4	3/4	3/4	2,957.85	3/4	2,741.19	3/4	2,516.47	3/4	2,291.75	3/4	2,067.03	3/4	1,842.30	3/4	1,617.58	3/4	1,392.86
9		9		9	2,953.53	9	2,736.51	9	2,511.79	9	2,287.07	9	2,062.35	9	1,837.62	9	1,612.90	9	1,388.18
1/4	1/4	1/4	1/4	1/4	2,949.18	1/4	2,731.83	1/4	2,507.11	1/4	2,282.39	1/4	2,057.67	1/4	1,832.94	1/4	1,608.22	1/4	1,383.50
1/2	1/2	1/2	1/2	1/2	2,944.83	1/2	2,727.15	1/2	2,502.43	1/2	2,277.71	1/2	2,052.99	1/2	1,828.26	1/2	1,603.54	1/2	1,378.82
3/4	3/4	3/4	3/4	3/4	2,940.47	3/4	2,722.46	3/4	2,497.74	3/4	2,273.02	3/4	2,048.30	3/4	1,823.58	3/4	1,598.86	3/4	1,374.13
10		10		10	2,936.12	10	2,717.78	10	2,493.06	10	2,268.34	10	2,043.62	10	1,818.90	10	1,594.18	10	1,369.45
1/4	1/4	1/4	1/4	1/4	2,931.74	1/4	2,713.10	1/4	2,488.38	1/4	2,263.66	1/4	2,038.94	1/4	1,814.22	1/4	1,589.50	1/4	1,364.77
1/2	1/2	1/2	1/2	1/2	2,927.36	1/2	2,708.42	1/2	2,483.70	1/2	2,258.98	1/2	2,034.26	1/2	1,809.54	1/2	1,584.82	1/2	1,360.09
3/4	3/4	3/4	3/4	3/4	2,922.98	3/4	2,703.74	3/4	2,479.02	3/4	2,254.29	3/4	2,029.57	3/4	1,804.85	3/4	1,580.13	3/4	1,355.41
11		11		11	2,918.60	11	2,699.06	11	2,474.34	11	2,249.61	11	2,024.89	11	1,800.17	11	1,575.45	11	1,350.73
1/4	1/4	1/4	1/4	1/4	2,914.19	1/4	2,694.38	1/4	2,469.66	1/4	2,244.93	1/4	2,020.21	1/4	1,795.49	1/4	1,570.77	1/4	1,346.05
1/2	1/2	1/2	1/2	1/2	2,909.78	1/2	2,689.70	1/2	2,464.98	1/2	2,240.25	1/2	2,015.53	1/2	1,790.81	1/2	1,566.09	1/2	1,341.37
3/4	3/4	3/4	3/4	3/4	2,905.36	3/4	2,685.01	3/4	2,460.29	3/4	2,235.57	3/4	2,010.85	3/4	1,786.12	3/4	1,561.40	3/4	1,336.68

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 08'-06" OFF CENTERLINE AND 29'-09" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 7024"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-00"

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	1,322.00	0	1,107.28	0	882.56	0	657.89	0	433.66	0	208.95	0	8.47	0		0		0	
1/4	1,327.32	1/4	1,102.60	1/4	877.88	1/4	653.22	1/4	428.98	1/4	204.27	1/4		1/4	1/4	1/4		1/4	
1/2	1,322.64	1/2	1,097.92	1/2	873.20	1/2	648.54	1/2	424.30	1/2	199.59	1/2		1/2	1/2	1/2		1/2	
3/4	1,317.95	3/4	1,093.23	3/4	868.51	3/4	643.87	3/4	419.61	3/4	194.90	3/4		3/4	3/4	3/4		3/4	
1	1,313.27	1	1,088.55	1	863.83	1	639.19	1	414.93	1	190.22	1		1	1	1		1	
1/4	1,308.59	1/4	1,083.87	1/4	859.15	1/4	634.52	1/4	410.25	1/4	185.54	1/4		1/4	1/4	1/4		1/4	
1/2	1,303.91	1/2	1,079.19	1/2	854.47	1/2	629.85	1/2	405.57	1/2	180.86	1/2		1/2	1/2	1/2		1/2	
3/4	1,299.23	3/4	1,074.51	3/4	849.78	3/4	625.18	3/4	400.88	3/4	176.18	3/4		3/4	3/4	3/4		3/4	
2	1,294.55	2	1,069.83	2	845.10	2	620.51	2	396.20	2	171.50	2		2	2	2		2	
1/4	1,289.87	1/4	1,065.15	1/4	840.42	1/4	615.84	1/4	391.52	1/4	166.83	1/4		1/4	1/4	1/4		1/4	
1/2	1,285.19	1/2	1,060.47	1/2	835.74	1/2	611.18	1/2	386.84	1/2	162.16	1/2		1/2	1/2	1/2		1/2	
3/4	1,280.50	3/4	1,055.78	3/4	831.06	3/4	606.51	3/4	382.16	3/4	157.49	3/4		3/4	3/4	3/4		3/4	
3	1,275.82	3	1,051.10	3	826.38	3	601.84	3	377.48	3	152.82	3		3	3	3		3	
1/4	1,271.14	1/4	1,046.42	1/4	821.70	1/4	597.18	1/4	372.80	1/4	148.16	1/4		1/4	1/4	1/4		1/4	
1/2	1,266.46	1/2	1,041.74	1/2	817.02	1/2	592.51	1/2	368.12	1/2	143.49	1/2		1/2	1/2	1/2		1/2	
3/4	1,261.77	3/4	1,037.05	3/4	812.33	3/4	587.85	3/4	363.43	3/4	138.83	3/4		3/4	3/4	3/4		3/4	
4	1,257.09	4	1,032.37	4	807.65	4	583.18	4	358.75	4	134.16	4		4	4	4		4	
1/4	1,252.41	1/4	1,027.69	1/4	802.97	1/4	578.51	1/4	354.07	1/4	129.49	1/4		1/4	1/4	1/4		1/4	
1/2	1,247.73	1/2	1,023.01	1/2	798.29	1/2	573.85	1/2	349.39	1/2	124.83	1/2		1/2	1/2	1/2		1/2	
3/4	1,243.05	3/4	1,018.33	3/4	793.60	3/4	569.18	3/4	344.71	3/4	120.16	3/4		3/4	3/4	3/4		3/4	
5	1,238.37	5	1,013.65	5	788.92	5	564.51	5	340.03	5	115.49	5		5	5	5		5	
1/4	1,233.69	1/4	1,008.97	1/4	784.24	1/4	559.84	1/4	335.35	1/4	110.83	1/4		1/4	1/4	1/4		1/4	
1/2	1,229.01	1/2	1,004.29	1/2	779.56	1/2	555.18	1/2	330.67	1/2	106.16	1/2		1/2	1/2	1/2		1/2	
3/4	1,224.32	3/4	999.60	3/4	774.88	3/4	550.51	3/4	325.98	3/4	101.50	3/4		3/4	3/4	3/4		3/4	
6	1,219.64	6	994.92	6	770.20	6	545.84	6	321.30	6	96.83	6		6	6	6		6	
1/4	1,214.96	1/4	990.24	1/4	765.52	1/4	541.18	1/4	316.62	1/4	92.17	1/4		1/4	1/4	1/4		1/4	
1/2	1,210.28	1/2	985.56	1/2	760.84	1/2	536.51	1/2	311.94	1/2	87.50	1/2		1/2	1/2	1/2		1/2	
3/4	1,205.59	3/4	980.87	3/4	756.15	3/4	531.85	3/4	307.26	3/4	82.84	3/4		3/4	3/4	3/4		3/4	
7	1,200.91	7	976.19	7	751.47	7	527.18	7	302.58	7	78.17	7		7	7	7		7	
1/4	1,196.23	1/4	971.51	1/4	746.79	1/4	522.51	1/4	297.90	1/4	73.66	1/4		1/4	1/4	1/4		1/4	
1/2	1,191.55	1/2	966.83	1/2	742.11	1/2	517.85	1/2	293.22	1/2	69.14	1/2		1/2	1/2	1/2		1/2	
3/4	1,186.87	3/4	962.15	3/4	737.42	3/4	513.18	3/4	288.53	3/4	64.63	3/4		3/4	3/4	3/4		3/4	
8	1,182.19	8	957.47	8	732.74	8	508.51	8	283.85	8	60.11	8		8	8	8		8	
1/4	1,177.51	1/4	952.79	1/4	728.06	1/4	503.84	1/4	279.17	1/4	55.93	1/4		1/4	1/4	1/4		1/4	
1/2	1,172.83	1/2	948.11	1/2	723.38	1/2	499.17	1/2	274.49	1/2	51.75	1/2		1/2	1/2	1/2		1/2	
3/4	1,168.14	3/4	943.42	3/4	718.70	3/4	494.49	3/4	269.81	3/4	47.56	3/4		3/4	3/4	3/4		3/4	
9	1,163.46	9	938.74	9	714.02	9	489.82	9	265.13	9	43.38	9		9	9	9		9	
1/4	1,158.78	1/4	934.06	1/4	709.34	1/4	485.14	1/4	260.45	1/4	39.73	1/4		1/4	1/4	1/4		1/4	
1/2	1,154.10	1/2	929.38	1/2	704.66	1/2	480.47	1/2	255.77	1/2	36.07	1/2		1/2	1/2	1/2		1/2	
3/4	1,149.41	3/4	924.69	3/4	699.97	3/4	475.79	3/4	251.08	3/4	32.42	3/4		3/4	3/4	3/4		3/4	
10	1,144.73	10	920.01	10	695.29	10	471.11	10	246.40	10	28.76	10		10	10	10		10	
1/4	1,140.05	1/4	915.33	1/4	690.61	1/4	466.43	1/4	241.72	1/4	25.83	1/4		1/4	1/4	1/4		1/4	
1/2	1,135.37	1/2	910.65	1/2	685.94	1/2	461.75	1/2	237.04	1/2	22.91	1/2		1/2	1/2	1/2		1/2	
3/4	1,130.69	3/4	905.96	3/4	681.26	3/4	457.06	3/4	232.35	3/4	19.98	3/4		3/4	3/4	3/4		3/4	
11	1,126.01	11	901.28	11	676.58	11	452.38	11	227.67	11	17.05	11		11	11	11		11	
1/4	1,121.33	1/4	896.60	1/4	671.91	1/4	447.70	1/4	222.99	1/4	14.91	1/4		1/4	1/4	1/4		1/4	
1/2	1,116.65	1/2	891.92	1/2	667.24	1/2	443.02	1/2	218.31	1/2	12.76	1/2		1/2	1/2	1/2		1/2	
3/4	1,111.96	3/4	887.24	3/4	662.56	3/4	438.34	3/4	213.63	3/4	10.62	3/4		3/4	3/4	3/4		3/4	

STRAPPED: 07/20/1997 SI
DECK MEASUREMENTS: 11/05/2015 SW CL
PRINTED: 11/06/2015 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "CBC 7024"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-00 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	2,895.74	0	2,675.38	0	2,450.64	0	2,225.91	0	2,001.17	0	1,776.43	0	1,551.70
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,891.33	1/4	2,670.70	1/4	2,445.96	1/4	2,221.23	1/4	1,996.49	1/4	1,771.75	1/4	1,547.02
1/2	1/2	1/2	5/8	1/2	3,088.31	1/2	2,886.89	1/2	2,666.02	1/2	2,441.28	1/2	2,216.55	1/2	1,991.81	1/2	1,771.07	1/2	1,542.27
3/4	3/4	3/4	3/4	3/4	3,086.45	3/4	2,882.45	3/4	2,661.34	3/4	2,436.60	3/4	2,211.87	3/4	1,987.13	3/4	1,762.39	3/4	1,537.51
1		1		1	3,082.72	1	2,878.00	1	2,656.65	1	2,431.91	1	2,207.18	1	1,982.44	1	1,757.71	1	1,532.76
1/4	1/4	1/4	1/4	1/4	3,078.99	1/4	2,873.56	1/4	2,651.97	1/4	2,427.23	1/4	2,202.50	1/4	1,977.76	1/4	1,753.03	1/4	1,528.00
1/2	1/2	1/2	1/2	1/2	3,074.94	1/2	2,869.09	1/2	2,647.29	1/2	2,422.55	1/2	2,197.82	1/2	1,973.08	1/2	1,748.35	1/2	1,523.39
3/4	3/4	3/4	3/4	3/4	3,070.89	3/4	2,864.62	3/4	2,642.61	3/4	2,417.87	3/4	2,193.14	3/4	1,968.40	3/4	1,743.67	3/4	1,518.78
2		2		2	3,066.83	2	2,860.14	2	2,637.92	2	2,413.19	2	2,188.45	2	1,963.71	2	1,738.98	2	1,514.17
1/4	1/4	1/4	1/4	1/4	3,062.78	1/4	2,855.67	1/4	2,633.24	1/4	2,408.51	1/4	2,183.77	1/4	1,959.03	1/4	1,734.30	1/4	1,509.56
1/2	1/2	1/2	1/2	1/2	3,058.60	1/2	2,851.17	1/2	2,628.56	1/2	2,403.83	1/2	2,179.09	1/2	1,954.35	1/2	1,729.62	1/2	1,504.88
3/4	3/4	3/4	3/4	3/4	3,054.42	3/4	2,846.67	3/4	2,623.88	3/4	2,399.15	3/4	2,174.41	3/4	1,949.67	3/4	1,724.94	3/4	1,500.20
3		3		3	3,050.24	3	2,842.16	3	2,619.19	3	2,394.46	3	2,169.72	3	1,944.99	3	1,720.25	3	1,495.51
1/4	1/4	1/4	1/4	1/4	3,046.06	1/4	2,837.66	1/4	2,614.51	1/4	2,389.78	1/4	2,165.04	1/4	1,940.31	1/4	1,715.57	1/4	1,490.83
1/2	1/2	1/2	1/2	1/2	3,041.85	1/2	2,833.13	1/2	2,609.83	1/2	2,385.10	1/2	2,160.36	1/2	1,935.63	1/2	1,710.89	1/2	1,486.15
3/4	3/4	3/4	3/4	3/4	3,037.64	3/4	2,828.60	3/4	2,605.15	3/4	2,380.42	3/4	2,155.68	3/4	1,930.95	3/4	1,706.21	3/4	1,481.47
4		4		4	3,033.42	4	2,824.07	4	2,600.47	4	2,375.73	4	2,150.99	4	1,926.26	4	1,701.52	4	1,476.79
1/4	1/4	1/4	1/4	1/4	3,029.21	1/4	2,819.54	1/4	2,595.79	1/4	2,371.05	1/4	2,146.31	1/4	1,921.58	1/4	1,696.84	1/4	1,472.11
1/2	1/2	1/2	1/2	1/2	3,025.00	1/2	2,814.98	1/2	2,591.11	1/2	2,366.37	1/2	2,141.63	1/2	1,916.90	1/2	1,692.16	1/2	1,467.43
3/4	3/4	3/4	3/4	3/4	3,020.79	3/4	2,810.42	3/4	2,586.43	3/4	2,361.69	3/4	2,136.95	3/4	1,912.22	3/4	1,687.48	3/4	1,462.75
5		5		5	3,016.57	5	2,805.85	5	2,581.74	5	2,357.00	5	2,132.27	5	1,907.53	5	1,682.79	5	1,458.06
1/4	1/4	1/4	1/4	1/4	3,012.36	1/4	2,801.29	1/4	2,577.06	1/4	2,352.32	1/4	2,127.59	1/4	1,902.85	1/4	1,678.11	1/4	1,453.38
1/2	1/2	1/2	1/2	1/2	3,008.13	1/2	2,796.70	1/2	2,572.38	1/2	2,347.64	1/2	2,122.91	1/2	1,898.17	1/2	1,673.43	1/2	1,448.70
3/4	3/4	3/4	3/4	3/4	3,003.90	3/4	2,792.11	3/4	2,567.70	3/4	2,342.96	3/4	2,118.23	3/4	1,893.49	3/4	1,668.75	3/4	1,444.02
6		6		6	2,999.66	6	2,787.51	6	2,563.01	6	2,338.27	6	2,113.54	6	1,888.80	6	1,664.07	6	1,439.33
1/4	1/4	1/4	1/4	1/4	2,995.43	1/4	2,782.92	1/4	2,558.33	1/4	2,333.59	1/4	2,108.86	1/4	1,884.12	1/4	1,659.39	1/4	1,434.65
1/2	1/2	1/2	1/2	1/2	2,991.17	1/2	2,778.27	1/2	2,553.65	1/2	2,328.91	1/2	2,104.18	1/2	1,879.44	1/2	1,654.71	1/2	1,429.97
3/4	3/4	3/4	3/4	3/4	2,986.91	3/4	2,773.62	3/4	2,548.97	3/4	2,324.23	3/4	2,099.50	3/4	1,874.76	3/4	1,650.03	3/4	1,425.29
7		7		7	2,982.64	7	2,768.97	7	2,544.28	7	2,319.55	7	2,094.81	7	1,870.07	7	1,645.34	7	1,420.60
1/4	1/4	1/4	1/4	1/4	2,978.38	1/4	2,764.32	1/4	2,539.60	1/4	2,314.87	1/4	2,090.13	1/4	1,865.39	1/4	1,640.66	1/4	1,415.92
1/2	1/2	1/2	1/2	1/2	2,974.09	1/2	2,759.64	1/2	2,534.92	1/2	2,310.19	1/2	2,085.45	1/2	1,860.71	1/2	1,635.98	1/2	1,411.24
3/4	3/4	3/4	3/4	3/4	2,969.80	3/4	2,754.97	3/4	2,530.24	3/4	2,305.51	3/4	2,080.77	3/4	1,856.03	3/4	1,631.30	3/4	1,406.56
8		8		8	2,965.50	8	2,750.29	8	2,525.55	8	2,300.82	8	2,076.08	8	1,851.35	8	1,626.61	8	1,401.87
1/4	1/4	1/4	1/4	1/4	2,961.21	1/4	2,745.61	1/4	2,520.87	1/4	2,296.14	1/4	2,071.40	1/4	1,846.67	1/4	1,621.93	1/4	1,397.19
1/2	1/2	1/2	1/2	1/2	2,956.89	1/2	2,740.93	1/2	2,516.19	1/2	2,291.46	1/2	2,066.72	1/2	1,841.99	1/2	1,617.25	1/2	1,392.51
3/4	3/4	3/4	3/4	3/4	2,952.57	3/4	2,736.25	3/4	2,511.51	3/4	2,286.78	3/4	2,062.04	3/4	1,837.31	3/4	1,612.57	3/4	1,387.83
9		9		9	2,948.24	9	2,731.56	9	2,506.83	9	2,282.09	9	2,057.35	9	1,832.62	9	1,607.88	9	1,383.15
1/4	1/4	1/4	1/4	1/4	2,943.92	1/4	2,726.88	1/4	2,502.15	1/4	2,277.41	1/4	2,052.67	1/4	1,827.94	1/4	1,603.20	1/4	1,378.47
1/2	1/2	1/2	1/2	1/2	2,939.57	1/2	2,722.20	1/2	2,497.47	1/2	2,272.73	1/2	2,047.99	1/2	1,823.26	1/2	1,598.52	1/2	1,373.79
3/4	3/4	3/4	3/4	3/4	2,935.22	3/4	2,717.52	3/4	2,492.79	3/4	2,268.05	3/4	2,043.31	3/4	1,818.58	3/4	1,593.84	3/4	1,369.11
10		10		10	2,930.86	10	2,712.83	10	2,488.10	10	2,263.36	10	2,038.63	10	1,813.89	10	1,589.15	10	1,364.42
1/4	1/4	1/4	1/4	1/4	2,926.51	1/4	2,708.15	1/4	2,483.42	1/4	2,258.68	1/4	2,033.95	1/4	1,809.21	1/4	1,584.47	1/4	1,359.74
1/2	1/2	1/2	1/2	1/2	2,922.13	1/2	2,703.47	1/2	2,478.74	1/2	2,254.00	1/2	2,029.27	1/2	1,804.53	1/2	1,579.79	1/2	1,355.06
3/4	3/4	3/4	3/4	3/4	2,917.75	3/4	2,698.79	3/4	2,474.06	3/4	2,249.32	3/4	2,024.59	3/4	1,799.85	3/4	1,575.11	3/4	1,350.38
11		11		11	2,913.36	11	2,694.11	11	2,469.37	11	2,244.63	11	2,019.90	11	1,795.16	11	1,570.43	11	1,345.69
1/4	1/4	1/4	1/4	1/4	2,908.98	1/4	2,689.43	1/4	2,464.69	1/4	2,239.95	1/4	2,015.22	1/4	1,790.48	1/4	1,565.75	1/4	1,341.01
1/2	1/2	1/2	1/2	1/2	2,904.57	1/2	2,684.75	1/2	2,460.01	1/2	2,235.27	1/2	2,010.54	1/2	1,785.80	1/2	1,561.07	1/2	1,336.33
3/4	3/4	3/4	3/4	3/4	2,900.16	3/4	2,680.07	3/4	2,455.33	3/4	2,230.59	3/4	2,005.86	3/4	1,781.12	3/4	1,556.39	3/4	1,331.65

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 08'-06" OFF CENTERLINE AND 29'-09" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 7024"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-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	1,326.96	0	1,102.23	0	877.49	0	652.82	0	438.36	0	213.64	0	10.62	0		0		0	
1/4	1,322.28	1/4	1,097.55	1/4	872.81	1/4	648.16	1/4	433.68	1/4	208.96	1/4	8.47	1/4		1/4		1/4	
1/2	1,317.60	1/2	1,092.87	1/2	868.13	1/2	643.67	1/2	429.00	1/2	204.28	1/2		1/2		1/2		1/2	
3/4	1,312.92	3/4	1,088.19	3/4	863.45	3/4	639.18	3/4	424.32	3/4	199.60	3/4		3/4		3/4		3/4	
1	1,308.23	1	1,083.50	1	858.76	1	634.68	1	419.64	1	194.92	1		1		1		1	
1/4	1,303.55	1/4	1,078.82	1/4	854.08	1/4	630.19	1/4	414.96	1/4	190.24	1/4		1/4		1/4		1/4	
1/2	1,298.87	1/2	1,074.14	1/2	849.40	1/2	625.75	1/2	410.28	1/2	185.56	1/2		1/2		1/2		1/2	
3/4	1,294.19	3/4	1,069.46	3/4	844.72	3/4	621.32	3/4	405.60	3/4	180.88	3/4		3/4		3/4		3/4	
2	1,289.51	2	1,064.77	2	840.03	2	616.88	2	400.91	2	176.19	2		2		2		2	
1/4	1,284.83	1/4	1,060.09	1/4	835.35	1/4	612.44	1/4	396.23	1/4	171.51	1/4		1/4		1/4		1/4	
1/2	1,280.15	1/2	1,055.41	1/2	830.67	1/2	608.01	1/2	391.55	1/2	166.84	1/2		1/2		1/2		1/2	
3/4	1,275.47	3/4	1,050.73	3/4	825.99	3/4	603.58	3/4	386.87	3/4	162.17	3/4		3/4		3/4		3/4	
3	1,270.78	3	1,046.04	3	821.31	3	599.15	3	382.18	3	157.50	3		3		3		3	
1/4	1,266.10	1/4	1,041.36	1/4	816.63	1/4	594.72	1/4	377.50	1/4	152.83	1/4		1/4		1/4		1/4	
1/2	1,261.42	1/2	1,036.68	1/2	811.95	1/2	590.29	1/2	372.82	1/2	148.16	1/2		1/2		1/2		1/2	
3/4	1,256.74	3/4	1,032.00	3/4	807.27	3/4	585.87	3/4	368.14	3/4	143.50	3/4		3/4		3/4		3/4	
4	1,252.05	4	1,027.31	4	802.58	4	581.44	4	363.46	4	138.83	4		4		4		4	
1/4	1,247.37	1/4	1,022.63	1/4	797.90	1/4	577.01	1/4	358.78	1/4	134.16	1/4		1/4		1/4		1/4	
1/2	1,242.69	1/2	1,017.95	1/2	793.22	1/2	572.58	1/2	354.10	1/2	129.50	1/2		1/2		1/2		1/2	
3/4	1,238.01	3/4	1,013.27	3/4	788.54	3/4	568.16	3/4	349.42	3/4	124.83	3/4		3/4		3/4		3/4	
5	1,233.32	5	1,008.59	5	783.85	5	563.73	5	344.73	5	120.17	5		5		5		5	
1/4	1,228.64	1/4	1,003.91	1/4	779.17	1/4	559.30	1/4	340.05	1/4	115.50	1/4		1/4		1/4		1/4	
1/2	1,223.96	1/2	999.23	1/2	774.49	1/2	554.88	1/2	335.37	1/2	110.84	1/2		1/2		1/2		1/2	
3/4	1,219.28	3/4	994.55	3/4	769.81	3/4	550.45	3/4	330.69	3/4	106.17	3/4		3/4		3/4		3/4	
6	1,214.59	6	989.86	6	765.12	6	546.03	6	326.00	6	101.51	6		6		6		6	
1/4	1,209.91	1/4	985.18	1/4	760.44	1/4	541.60	1/4	321.32	1/4	96.84	1/4		1/4		1/4		1/4	
1/2	1,205.23	1/2	980.50	1/2	755.76	1/2	537.17	1/2	316.64	1/2	92.17	1/2		1/2		1/2		1/2	
3/4	1,200.55	3/4	975.82	3/4	751.08	3/4	532.75	3/4	311.96	3/4	87.51	3/4		3/4		3/4		3/4	
7	1,195.87	7	971.13	7	746.39	7	528.32	7	307.28	7	82.84	7		7		7		7	
1/4	1,191.19	1/4	966.45	1/4	741.71	1/4	523.89	1/4	302.60	1/4	78.17	1/4		1/4		1/4		1/4	
1/2	1,186.51	1/2	961.77	1/2	737.03	1/2	519.46	1/2	297.92	1/2	73.66	1/2		1/2		1/2		1/2	
3/4	1,181.83	3/4	957.09	3/4	732.35	3/4	515.04	3/4	293.24	3/4	69.14	3/4		3/4		3/4		3/4	
8	1,177.14	8	952.40	8	727.67	8	510.61	8	288.55	8	64.63	8		8		8		8	
1/4	1,172.46	1/4	947.72	1/4	722.99	1/4	506.18	1/4	283.87	1/4	60.11	1/4		1/4		1/4		1/4	
1/2	1,167.78	1/2	943.04	1/2	718.31	1/2	501.76	1/2	279.19	1/2	55.93	1/2		1/2		1/2		1/2	
3/4	1,163.10	3/4	938.36	3/4	713.63	3/4	497.33	3/4	274.51	3/4	51.75	3/4		3/4		3/4		3/4	
9	1,158.41	9	933.67	9	708.94	9	492.91	9	269.82	9	47.56	9		9		9		9	
1/4	1,153.73	1/4	928.99	1/4	704.26	1/4	488.48	1/4	265.14	1/4	43.38	1/4		1/4		1/4		1/4	
1/2	1,149.05	1/2	924.31	1/2	699.58	1/2	484.05	1/2	260.46	1/2	39.73	1/2		1/2		1/2		1/2	
3/4	1,144.37	3/4	919.63	3/4	694.90	3/4	479.63	3/4	255.78	3/4	36.07	3/4		3/4		3/4		3/4	
10	1,139.68	10	914.95	10	690.21	10	475.20	10	251.10	10	32.42	10		10		10		10	
1/4	1,135.00	1/4	910.27	1/4	685.53	1/4	470.77	1/4	246.42	1/4	28.76	1/4		1/4		1/4		1/4	
1/2	1,130.32	1/2	905.59	1/2	680.85	1/2	466.17	1/2	241.74	1/2	25.83	1/2		1/2		1/2		1/2	
3/4	1,125.64	3/4	900.91	3/4	676.17	3/4	461.58	3/4	237.06	3/4	22.91	3/4		3/4		3/4		3/4	
11	1,120.95	11	896.22	11	671.48	11	456.98	11	232.37	11	19.98	11		11		11		11	
1/4	1,116.27	1/4	891.54	1/4	666.80	1/4	452.38	1/4	227.69	1/4	17.05	1/4		1/4		1/4		1/4	
1/2	1,111.59	1/2	886.86	1/2	662.14	1/2	447.71	1/2	223.01	1/2	14.91	1/2		1/2		1/2		1/2	
3/4	1,106.91	3/4	882.18	3/4	657.48	3/4	443.03	3/4	218.33	3/4	12.76	3/4		3/4		3/4		3/4	

STRAPPED: 07/20/1997 SI
DECK MEASUREMENTS: 11/05/2015 SW CL
PRINTED: 11/06/2015 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "CBC 7024"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-00"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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 08'-06" OFF CENTERLINE AND 31'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 7024"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-00"

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	1,259.20	0	1,045.73	0	832.34	0	620.09	0	414.81	0	200.61	0	7.83	0		0		0	
1/4	1,254.74	1/4	1,041.28	1/4	827.89	1/4	615.84	1/4	410.35	1/4	196.15	1/4		1/4		1/4		1/4	
1/2	1,250.27	1/2	1,036.84	1/2	823.44	1/2	611.60	1/2	405.88	1/2	191.68	1/2		1/2		1/2		1/2	
3/4	1,245.81	3/4	1,032.39	3/4	819.00	3/4	607.35	3/4	401.42	3/4	187.22	3/4		3/4		3/4		3/4	
1	1,241.35	1	1,027.95	1	814.55	1	603.11	1	396.96	1	182.76	1		1		1		1	
1/4	1,236.89	1/4	1,023.51	1/4	810.10	1/4	598.87	1/4	392.50	1/4	178.30	1/4		1/4		1/4		1/4	
1/2	1,232.42	1/2	1,019.06	1/2	805.65	1/2	594.63	1/2	388.03	1/2	173.83	1/2		1/2		1/2		1/2	
3/4	1,227.96	3/4	1,014.62	3/4	801.21	3/4	590.39	3/4	383.57	3/4	169.37	3/4		3/4		3/4		3/4	
2	1,223.50	2	1,010.18	2	796.76	2	586.15	2	379.11	2	164.91	2		2		2		2	
1/4	1,219.05	1/4	1,005.74	1/4	792.31	1/4	581.91	1/4	374.65	1/4	160.46	1/4		1/4		1/4		1/4	
1/2	1,214.60	1/2	1,001.29	1/2	787.87	1/2	577.67	1/2	370.18	1/2	156.02	1/2		1/2		1/2		1/2	
3/4	1,210.15	3/4	996.85	3/4	783.42	3/4	573.43	3/4	365.72	3/4	151.57	3/4		3/4		3/4		3/4	
3	1,205.70	3	992.41	3	778.98	3	569.19	3	361.26	3	147.13	3		3		3		3	
1/4	1,201.27	1/4	987.96	1/4	774.53	1/4	564.95	1/4	356.80	1/4	142.69	1/4		1/4		1/4		1/4	
1/2	1,196.85	1/2	983.51	1/2	770.08	1/2	560.71	1/2	352.33	1/2	138.25	1/2		1/2		1/2		1/2	
3/4	1,192.42	3/4	979.07	3/4	765.64	3/4	556.48	3/4	347.87	3/4	133.81	3/4		3/4		3/4		3/4	
4	1,187.99	4	974.62	4	761.19	4	552.24	4	343.41	4	129.37	4		4		4		4	
1/4	1,183.53	1/4	970.17	1/4	756.74	1/4	548.00	1/4	338.95	1/4	124.92	1/4		1/4		1/4		1/4	
1/2	1,179.07	1/2	965.73	1/2	752.30	1/2	543.76	1/2	334.48	1/2	120.47	1/2		1/2		1/2		1/2	
3/4	1,174.61	3/4	961.28	3/4	747.85	3/4	539.53	3/4	330.02	3/4	116.03	3/4		3/4		3/4		3/4	
5	1,170.15	5	956.84	5	743.41	5	535.29	5	325.56	5	111.58	5		5		5		5	
1/4	1,165.70	1/4	952.39	1/4	738.96	1/4	531.05	1/4	321.10	1/4	107.13	1/4		1/4		1/4		1/4	
1/2	1,161.26	1/2	947.94	1/2	734.51	1/2	526.81	1/2	316.63	1/2	102.68	1/2		1/2		1/2		1/2	
3/4	1,156.81	3/4	943.50	3/4	730.07	3/4	522.58	3/4	312.17	3/4	98.23	3/4		3/4		3/4		3/4	
6	1,152.37	6	939.05	6	725.62	6	518.34	6	307.71	6	93.78	6		6		6		6	
1/4	1,147.93	1/4	934.60	1/4	721.17	1/4	514.10	1/4	303.25	1/4	89.33	1/4		1/4		1/4		1/4	
1/2	1,143.48	1/2	930.16	1/2	716.72	1/2	509.86	1/2	298.78	1/2	84.88	1/2		1/2		1/2		1/2	
3/4	1,139.04	3/4	925.71	3/4	712.28	3/4	505.63	3/4	294.32	3/4	80.43	3/4		3/4		3/4		3/4	
7	1,134.60	7	921.27	7	707.83	7	501.39	7	289.86	7	75.98	7		7		7		7	
1/4	1,130.15	1/4	916.82	1/4	703.38	1/4	497.15	1/4	285.40	1/4	71.53	1/4		1/4		1/4		1/4	
1/2	1,125.71	1/2	912.37	1/2	698.94	1/2	492.91	1/2	280.93	1/2	67.07	1/2		1/2		1/2		1/2	
3/4	1,121.26	3/4	907.93	3/4	694.49	3/4	488.68	3/4	276.47	3/4	62.62	3/4		3/4		3/4		3/4	
8	1,116.82	8	903.48	8	690.05	8	484.44	8	272.01	8	58.17	8		8		8		8	
1/4	1,112.38	1/4	899.03	1/4	685.60	1/4	480.20	1/4	267.55	1/4	53.98	1/4		1/4		1/4		1/4	
1/2	1,107.93	1/2	894.58	1/2	681.15	1/2	475.96	1/2	263.08	1/2	49.79	1/2		1/2		1/2		1/2	
3/4	1,103.49	3/4	890.14	3/4	676.71	3/4	471.73	3/4	258.62	3/4	45.60	3/4		3/4		3/4		3/4	
9	1,099.05	9	885.69	9	672.26	9	467.49	9	254.16	9	41.41	9		9		9		9	
1/4	1,094.61	1/4	881.24	1/4	667.81	1/4	463.20	1/4	249.70	1/4	37.86	1/4		1/4		1/4		1/4	
1/2	1,090.16	1/2	876.80	1/2	663.37	1/2	458.92	1/2	245.23	1/2	34.32	1/2		1/2		1/2		1/2	
3/4	1,085.72	3/4	872.35	3/4	658.92	3/4	454.63	3/4	240.77	3/4	30.77	3/4		3/4		3/4		3/4	
10	1,081.28	10	867.91	10	654.48	10	450.35	10	236.31	10	27.23	10		10		10		10	
1/4	1,076.83	1/4	863.46	1/4	650.14	1/4	445.93	1/4	231.85	1/4	24.43	1/4		1/4		1/4		1/4	
1/2	1,072.39	1/2	859.01	1/2	645.80	1/2	441.50	1/2	227.38	1/2	21.63	1/2		1/2		1/2		1/2	
3/4	1,067.94	3/4	854.57	3/4	641.47	3/4	437.08	3/4	222.92	3/4	18.84	3/4		3/4		3/4		3/4	
11	1,063.50	11	850.12	11	637.13	11	432.66	11	218.46	11	16.04	11		11		11		11	
1/4	1,059.06	1/4	845.67	1/4	632.87	1/4	428.20	1/4	214.00	1/4	13.99	1/4		1/4		1/4		1/4	
1/2	1,054.61	1/2	841.23	1/2	628.61	1/2	423.73	1/2	209.53	1/2	11.93	1/2		1/2		1/2		1/2	
3/4	1,050.17	3/4	836.78	3/4	624.35	3/4	419.27	3/4	205.07	3/4	9.88	3/4		3/4		3/4		3/4	

STRAPPED: 07/20/1997 SI
DECK MEASUREMENTS: 11/05/2015 SW CL
PRINTED: 11/06/2015 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "CBC 7024"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-00"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	2,483.53	0	2,342.70	0	2,199.21	0	2,055.71	0	1,890.57	0	1,677.80	0	1,465.02
1/4	1/4	1/4	1/4	1/4	2,604.79	1/4	2,480.70	1/4	2,339.71	1/4	2,196.22	1/4	2,052.72	1/4	1,886.14	1/4	1,673.37	1/4	1,460.59
1/2	1/2	1/2	1/2	1/2	2,603.24	1/2	2,477.86	1/2	2,336.73	1/2	2,193.23	1/2	2,049.73	1/2	1,881.71	1/2	1,668.94	1/2	1,456.15
3/4	3/4	3/4	3/4	3/4	2,601.69	3/4	2,475.03	3/4	2,333.74	3/4	2,190.24	3/4	2,046.74	3/4	1,877.27	3/4	1,664.50	3/4	1,451.72
1		1		1	2,600.14	1	2,472.19	1	2,330.75	1	2,187.25	1	2,043.75	1	1,872.84	1	1,660.07	1	1,447.28
1/4	1/4	1/4	1/4	1/4	2,598.26	1/4	2,469.34	1/4	2,327.76	1/4	2,184.26	1/4	2,040.76	1/4	1,868.41	1/4	1,655.64	1/4	1,442.85
1/2	1/2	1/2	1/2	1/2	2,596.37	1/2	2,466.49	1/2	2,324.77	1/2	2,181.27	1/2	2,037.78	1/2	1,863.98	1/2	1,651.21	1/2	1,438.42
3/4	3/4	3/4	3/4	3/4	2,594.49	3/4	2,463.63	3/4	2,321.78	3/4	2,178.28	3/4	2,034.79	3/4	1,859.54	3/4	1,646.77	3/4	1,433.98
2		2		2	2,592.60	2	2,460.78	2	2,318.79	2	2,175.29	2	2,031.80	2	1,855.11	2	1,642.34	2	1,429.55
1/4	1/4	1/4	1/4	1/4	2,589.99	1/4	2,457.91	1/4	2,315.80	1/4	2,172.30	1/4	2,028.81	1/4	1,850.68	1/4	1,637.91	1/4	1,425.12
1/2	1/2	1/2	1/2	1/2	2,587.39	1/2	2,455.04	1/2	2,312.81	1/2	2,169.31	1/2	2,025.82	1/2	1,846.25	1/2	1,633.48	1/2	1,420.69
3/4	3/4	3/4	3/4	3/4	2,584.78	3/4	2,452.16	3/4	2,309.82	3/4	2,166.32	3/4	2,022.83	3/4	1,841.81	3/4	1,629.04	3/4	1,416.25
3		3		3	2,582.17	3	2,449.29	3	2,306.83	3	2,163.33	3	2,019.84	3	1,837.38	3	1,624.61	3	1,411.82
1/4	1/4	1/4	1/4	1/4	2,579.49	1/4	2,446.40	1/4	2,303.84	1/4	2,160.34	1/4	2,016.85	1/4	1,832.95	1/4	1,620.18	1/4	1,407.39
1/2	1/2	1/2	1/2	1/2	2,576.81	1/2	2,443.51	1/2	2,300.85	1/2	2,157.36	1/2	2,013.86	1/2	1,828.52	1/2	1,615.74	1/2	1,402.96
3/4	3/4	3/4	3/4	3/4	2,574.13	3/4	2,440.62	3/4	2,297.86	3/4	2,154.37	3/4	2,010.87	3/4	1,824.08	3/4	1,611.31	3/4	1,398.52
4		4		4	2,571.45	4	2,437.73	4	2,294.87	4	2,151.38	4	2,007.88	4	1,819.65	4	1,606.87	4	1,394.09
1/4	1/4	1/4	1/4	1/4	2,568.77	1/4	2,434.82	1/4	2,291.88	1/4	2,148.39	1/4	2,004.89	1/4	1,815.22	1/4	1,602.44	1/4	1,389.66
1/2	1/2	1/2	1/2	1/2	2,566.09	1/2	2,431.91	1/2	2,288.89	1/2	2,145.40	1/2	2,001.90	1/2	1,810.79	1/2	1,598.01	1/2	1,385.22
3/4	3/4	3/4	3/4	3/4	2,563.40	3/4	2,429.00	3/4	2,285.90	3/4	2,142.41	3/4	1,998.91	3/4	1,806.35	3/4	1,593.57	3/4	1,380.79
5		5		5	2,560.72	5	2,426.09	5	2,282.91	5	2,139.42	5	1,995.92	5	1,801.92	5	1,589.14	5	1,376.35
1/4	1/4	1/4	1/4	1/4	2,558.02	1/4	2,423.16	1/4	2,279.92	1/4	2,136.43	1/4	1,992.93	1/4	1,797.49	1/4	1,584.71	1/4	1,371.92
1/2	1/2	1/2	1/2	1/2	2,555.32	1/2	2,420.23	1/2	2,276.94	1/2	2,133.44	1/2	1,989.94	1/2	1,793.06	1/2	1,580.28	1/2	1,367.49
3/4	3/4	3/4	3/4	3/4	2,552.62	3/4	2,417.30	3/4	2,273.95	3/4	2,130.45	3/4	1,986.95	3/4	1,788.62	3/4	1,575.84	3/4	1,363.05
6		6		6	2,549.92	6	2,414.37	6	2,270.96	6	2,127.46	6	1,983.96	6	1,784.19	6	1,571.41	6	1,358.62
1/4	1/4	1/4	1/4	1/4	2,547.20	1/4	2,411.41	1/4	2,267.97	1/4	2,124.47	1/4	1,980.97	1/4	1,779.76	1/4	1,566.98	1/4	1,354.19
1/2	1/2	1/2	1/2	1/2	2,544.49	1/2	2,408.45	1/2	2,264.98	1/2	2,121.48	1/2	1,977.99	1/2	1,775.33	1/2	1,562.55	1/2	1,349.76
3/4	3/4	3/4	3/4	3/4	2,541.77	3/4	2,405.48	3/4	2,261.99	3/4	2,118.49	3/4	1,975.00	3/4	1,770.89	3/4	1,558.11	3/4	1,345.32
7		7		7	2,539.05	7	2,402.52	7	2,259.00	7	2,115.50	7	1,972.01	7	1,766.46	7	1,553.68	7	1,340.89
1/4	1/4	1/4	1/4	1/4	2,536.31	1/4	2,399.53	1/4	2,256.01	1/4	2,112.51	1/4	1,969.02	1/4	1,762.03	1/4	1,549.25	1/4	1,336.46
1/2	1/2	1/2	1/2	1/2	2,533.58	1/2	2,396.55	1/2	2,253.02	1/2	2,109.52	1/2	1,966.03	1/2	1,757.60	1/2	1,544.81	1/2	1,332.03
3/4	3/4	3/4	3/4	3/4	2,530.84	3/4	2,393.56	3/4	2,250.03	3/4	2,106.53	3/4	1,963.04	3/4	1,753.16	3/4	1,540.38	3/4	1,327.59
8		8		8	2,528.10	8	2,390.57	8	2,247.04	8	2,103.54	8	1,960.05	8	1,748.73	8	1,535.94	8	1,323.16
1/4	1/4	1/4	1/4	1/4	2,525.34	1/4	2,387.57	1/4	2,244.05	1/4	2,100.55	1/4	1,955.98	1/4	1,744.30	1/4	1,531.51	1/4	1,318.73
1/2	1/2	1/2	1/2	1/2	2,522.59	1/2	2,384.58	1/2	2,241.06	1/2	2,097.57	1/2	1,951.91	1/2	1,739.87	1/2	1,527.08	1/2	1,314.29
3/4	3/4	3/4	3/4	3/4	2,519.83	3/4	2,381.58	3/4	2,238.07	3/4	2,094.58	3/4	1,947.83	3/4	1,735.43	3/4	1,522.64	3/4	1,309.86
9		9		9	2,517.07	9	2,378.58	9	2,235.08	9	2,091.59	9	1,943.76	9	1,731.00	9	1,518.21	9	1,305.42
1/4	1/4	1/4	1/4	1/4	2,514.29	1/4	2,375.59	1/4	2,232.09	1/4	2,088.60	1/4	1,939.33	1/4	1,726.57	1/4	1,513.78	1/4	1,300.99
1/2	1/2	1/2	1/2	1/2	2,511.52	1/2	2,372.60	1/2	2,229.10	1/2	2,085.61	1/2	1,934.90	1/2	1,722.14	1/2	1,509.35	1/2	1,296.56
3/4	3/4	3/4	3/4	3/4	2,508.74	3/4	2,369.61	3/4	2,226.11	3/4	2,082.62	3/4	1,930.46	3/4	1,717.70	3/4	1,504.91	3/4	1,292.12
10		10		10	2,505.96	10	2,366.62	10	2,223.12	10	2,079.63	10	1,926.03	10	1,713.27	10	1,500.48	10	1,287.69
1/4	1/4	1/4	1/4	1/4	2,503.17	1/4	2,363.63	1/4	2,220.13	1/4	2,076.64	1/4	1,921.60	1/4	1,708.84	1/4	1,496.05	1/4	1,283.26
1/2	1/2	1/2	1/2	1/2	2,500.37	1/2	2,360.64	1/2	2,217.15	1/2	2,073.65	1/2	1,917.17	1/2	1,704.41	1/2	1,491.62	1/2	1,278.83
3/4	3/4	3/4	3/4	3/4	2,497.58	3/4	2,357.65	3/4	2,214.16	3/4	2,070.66	3/4	1,912.73	3/4	1,699.97	3/4	1,487.18	3/4	1,274.39
11		11		11	2,494.78	11	2,354.66	11	2,211.17	11	2,067.67	11	1,908.30	11	1,695.54	11	1,482.75	11	1,269.96
1/4	1/4	1/4	1/4	1/4	2,491.97	1/4	2,351.67	1/4	2,208.18	1/4	2,064.68	1/4	1,903.87	1/4	1,691.11	1/4	1,478.32	1/4	1,265.53
1/2	1/2	1/2	1/2	1/2	2,489.16	1/2	2,348.68	1/2	2,205.19	1/2	2,061.69	1/2	1,899.44	1/2	1,686.67	1/2	1,473.89	1/2	1,261.10
3/4	3/4	3/4	3/4	3/4	2,486.34	3/4	2,345.69	3/4	2,202.20	3/4	2,058.70	3/4	1,895.00	3/4	1,682.24	3/4	1,469.45	3/4	1,256.66

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 08'-06" OFF CENTERLINE AND 31'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 7024"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-00"

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	1,252.23	0	1,040.19	0	828.23	0	617.30	0	412.03	0	199.26	0	7.78	0		0		0	
1/4	1,247.80	1/4	1,035.78	1/4	823.81	1/4	613.05	1/4	407.60	1/4	194.83	1/4		1/4		1/4		1/4	
1/2	1,243.36	1/2	1,031.36	1/2	819.40	1/2	608.79	1/2	403.17	1/2	190.40	1/2		1/2		1/2		1/2	
3/4	1,238.93	3/4	1,026.95	3/4	814.98	3/4	604.54	3/4	398.73	3/4	185.96	3/4		3/4		3/4		3/4	
1	1,234.49	1	1,022.53	1	810.56	1	600.28	1	394.30	1	181.53	1		1		1		1	
1/4	1,230.06	1/4	1,018.12	1/4	806.15	1/4	596.03	1/4	389.87	1/4	177.10	1/4		1/4		1/4		1/4	
1/2	1,225.63	1/2	1,013.71	1/2	801.73	1/2	591.79	1/2	385.44	1/2	172.67	1/2		1/2		1/2		1/2	
3/4	1,221.19	3/4	1,009.29	3/4	797.32	3/4	587.54	3/4	381.00	3/4	168.23	3/4		3/4		3/4		3/4	
2	1,216.76	2	1,004.88	2	792.90	2	583.29	2	376.57	2	163.80	2		2		2		2	
1/4	1,212.34	1/4	1,000.47	1/4	788.48	1/4	579.04	1/4	372.14	1/4	159.39	1/4		1/4		1/4		1/4	
1/2	1,207.92	1/2	996.05	1/2	784.07	1/2	574.80	1/2	367.71	1/2	154.97	1/2		1/2		1/2		1/2	
3/4	1,203.50	3/4	991.64	3/4	779.65	3/4	570.55	3/4	363.27	3/4	150.56	3/4		3/4		3/4		3/4	
3	1,199.08	3	987.22	3	775.23	3	566.30	3	358.84	3	146.14	3		3		3		3	
1/4	1,194.67	1/4	982.81	1/4	770.81	1/4	562.06	1/4	354.41	1/4	141.73	1/4		1/4		1/4		1/4	
1/2	1,190.25	1/2	978.39	1/2	766.40	1/2	557.81	1/2	349.98	1/2	137.32	1/2		1/2		1/2		1/2	
3/4	1,185.84	3/4	973.98	3/4	761.98	3/4	553.57	3/4	345.54	3/4	132.91	3/4		3/4		3/4		3/4	
4	1,181.42	4	969.56	4	757.56	4	549.32	4	341.11	4	128.50	4		4		4		4	
1/4	1,177.01	1/4	965.14	1/4	753.15	1/4	545.07	1/4	336.68	1/4	124.08	1/4		1/4		1/4		1/4	
1/2	1,172.60	1/2	960.73	1/2	748.73	1/2	540.83	1/2	332.25	1/2	119.67	1/2		1/2		1/2		1/2	
3/4	1,168.18	3/4	956.31	3/4	744.32	3/4	536.58	3/4	327.81	3/4	115.25	3/4		3/4		3/4		3/4	
5	1,163.77	5	951.89	5	739.90	5	532.33	5	323.38	5	110.83	5		5		5		5	
1/4	1,159.36	1/4	947.48	1/4	735.48	1/4	528.08	1/4	318.95	1/4	106.41	1/4		1/4		1/4		1/4	
1/2	1,154.94	1/2	943.06	1/2	731.07	1/2	523.84	1/2	314.52	1/2	101.99	1/2		1/2		1/2		1/2	
3/4	1,150.53	3/4	938.65	3/4	726.65	3/4	519.59	3/4	310.08	3/4	97.57	3/4		3/4		3/4		3/4	
6	1,146.11	6	934.23	6	722.23	6	515.34	6	305.65	6	93.15	6		6		6		6	
1/4	1,141.70	1/4	929.81	1/4	717.81	1/4	511.10	1/4	301.22	1/4	88.73	1/4		1/4		1/4		1/4	
1/2	1,137.29	1/2	925.40	1/2	713.40	1/2	506.85	1/2	296.79	1/2	84.31	1/2		1/2		1/2		1/2	
3/4	1,132.87	3/4	920.98	3/4	708.98	3/4	502.61	3/4	292.35	3/4	79.89	3/4		3/4		3/4		3/4	
7	1,128.46	7	916.56	7	704.56	7	498.36	7	287.92	7	75.47	7		7		7		7	
1/4	1,124.05	1/4	912.14	1/4	700.15	1/4	494.11	1/4	283.49	1/4	71.05	1/4		1/4		1/4		1/4	
1/2	1,119.63	1/2	907.73	1/2	695.73	1/2	489.87	1/2	279.05	1/2	66.63	1/2		1/2		1/2		1/2	
3/4	1,115.22	3/4	903.31	3/4	691.32	3/4	485.62	3/4	274.62	3/4	62.20	3/4		3/4		3/4		3/4	
8	1,110.80	8	898.89	8	686.90	8	481.37	8	270.18	8	57.78	8		8		8		8	
1/4	1,106.39	1/4	894.48	1/4	682.48	1/4	477.13	1/4	265.75	1/4	53.62	1/4		1/4		1/4		1/4	
1/2	1,101.98	1/2	890.06	1/2	678.07	1/2	472.88	1/2	261.32	1/2	49.46	1/2		1/2		1/2		1/2	
3/4	1,097.56	3/4	885.65	3/4	673.65	3/4	468.64	3/4	256.88	3/4	45.29	3/4		3/4		3/4		3/4	
9	1,093.15	9	881.23	9	669.23	9	464.39	9	252.45	9	41.13	9		9		9		9	
1/4	1,088.74	1/4	876.81	1/4	664.81	1/4	460.13	1/4	248.02	1/4	37.61	1/4		1/4		1/4		1/4	
1/2	1,084.32	1/2	872.40	1/2	660.40	1/2	455.86	1/2	243.59	1/2	34.09	1/2		1/2		1/2		1/2	
3/4	1,079.91	3/4	867.98	3/4	655.98	3/4	451.60	3/4	239.15	3/4	30.57	3/4		3/4		3/4		3/4	
10	1,075.49	10	863.56	10	651.56	10	447.33	10	234.72	10	27.05	10		10		10		10	
1/4	1,071.08	1/4	859.14	1/4	647.26	1/4	442.94	1/4	230.29	1/4	24.27	1/4		1/4		1/4		1/4	
1/2	1,066.67	1/2	854.73	1/2	642.95	1/2	438.55	1/2	225.86	1/2	21.49	1/2		1/2		1/2		1/2	
3/4	1,062.25	3/4	850.31	3/4	638.65	3/4	434.15	3/4	221.42	3/4	18.71	3/4		3/4		3/4		3/4	
11	1,057.84	11	845.89	11	634.34	11	429.76	11	216.99	11	15.93	11		11		11		11	
1/4	1,053.43	1/4	841.48	1/4	630.08	1/4	425.33	1/4	212.56	1/4	13.89	1/4		1/4		1/4		1/4	
1/2	1,049.02	1/2	837.06	1/2	625.82	1/2	420.90	1/2	208.13	1/2	11.86	1/2		1/2		1/2		1/2	
3/4	1,044.60	3/4	832.65	3/4	621.56	3/4	416.46	3/4	203.69	3/4	9.82	3/4		3/4		3/4		3/4	

STRAPPED: 07/20/1997 SI
DECK MEASUREMENTS: 11/05/2015 SW CL
PRINTED: 11/06/2015 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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