



BARGE "CBC 7027"

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	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
1 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
2 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
2 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
3 PORT	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2
3 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2

(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 - 00-1/4"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 237'-00"

May 6, 2013

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

<http://www.pmacorp.net>



BARGE "CBC 7027"

1 PORT

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09 3/4"

0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	5,176.00	4,903.87	4,558.02	4,196.41	3,833.26	3,471.10	3,108.93	2,746.77	2,384.60
1/8	5,174.14	4,899.76	4,548.60	4,187.87	3,825.71	3,463.55	3,101.38	2,739.23	2,377.06
1/4	5,173.29	4,895.65	4,544.17	4,180.33	3,818.17	3,456.00	3,093.83	2,731.68	2,369.52
3/8	5,172.43	4,892.55	4,539.74	4,172.79	3,810.62	3,448.45	3,086.29	2,724.14	2,361.98
1/2	5,170.38	4,875.44	4,526.32	4,165.24	3,803.07	3,440.91	3,078.74	2,716.60	2,354.43
5/8	5,168.32	4,868.33	4,518.89	4,157.89	3,795.52	3,433.37	3,071.20	2,709.05	2,346.88
3/4	5,166.27	4,861.23	4,511.47	4,150.14	3,787.98	3,425.83	3,063.66	2,701.50	2,339.33
7/8	5,164.21	4,854.12	4,504.08	4,142.60	3,780.43	3,418.29	3,056.12	2,693.95	2,331.78
1	5,160.79	4,846.97	4,496.58	4,136.05	3,772.89	3,410.74	3,048.57	2,686.41	2,324.24
1 1/8	5,157.36	4,839.82	4,489.12	4,127.51	3,765.35	3,403.19	3,041.02	2,678.87	2,316.70
1 1/4	5,153.93	4,832.67	4,481.65	4,119.97	3,757.80	3,395.64	3,033.48	2,671.33	2,309.16
1 1/2	5,150.50	4,825.62	4,474.19	4,112.43	3,750.26	3,388.10	3,025.93	2,663.79	2,301.62
1 3/8	5,147.07	4,818.33	4,466.68	4,104.88	3,742.71	3,380.55	3,018.39	2,656.24	2,294.07
1 1/2	5,140.89	4,811.14	4,459.18	4,097.33	3,735.17	3,373.01	3,010.85	2,648.69	2,286.52
1 5/8	5,136.09	4,803.95	4,451.67	4,089.79	3,727.62	3,365.47	3,003.30	2,641.14	2,278.98
1 3/4	5,131.29	4,796.76	4,444.17	4,082.24	3,720.07	3,357.93	2,995.76	2,633.60	2,271.43
1 7/8	5,125.11	4,789.58	4,436.66	4,074.70	3,712.53	3,350.38	2,988.21	2,626.05	2,263.89
2	5,118.94	4,782.39	4,429.15	4,067.15	3,704.99	3,342.83	2,980.67	2,618.50	2,256.35
2 1/8	5,112.77	4,775.21	4,421.65	4,059.61	3,697.45	3,335.29	2,973.12	2,611.95	2,248.80
2 1/4	5,106.60	4,768.02	4,414.14	4,052.07	3,689.90	3,327.74	2,965.57	2,604.40	2,241.26
2 3/8	5,099.70	4,760.80	4,406.62	4,044.52	3,682.36	3,320.19	2,958.03	2,596.86	2,233.71
2 1/2	5,092.80	4,753.67	4,399.10	4,036.98	3,674.81	3,312.64	2,950.49	2,589.32	2,226.17
2 5/8	5,085.90	4,746.35	4,391.57	4,029.43	3,667.26	3,305.10	2,942.95	2,581.78	2,218.62
2 3/4	5,078.00	4,739.12	4,384.05	4,021.88	3,659.71	3,297.55	2,935.40	2,574.24	2,211.07
2 7/8	5,072.05	4,731.85	4,376.50	4,014.33	3,652.17	3,290.01	2,927.86	2,566.69	2,203.53
3	5,065.10	4,724.58	4,368.95	4,006.79	3,644.63	3,282.46	2,920.31	2,559.14	2,195.99
3 1/8	5,058.14	4,717.32	4,361.40	3,999.24	3,637.09	3,274.92	2,912.76	2,551.60	2,188.45
3 1/4	5,051.19	4,710.05	4,353.86	3,991.69	3,629.55	3,267.38	2,905.21	2,544.05	2,180.90
3 1/2	5,044.24	4,702.78	4,346.32	3,984.15	3,622.00	3,259.83	2,897.67	2,536.51	2,173.36
3 3/8	5,037.30	4,695.51	4,338.77	3,976.61	3,614.45	3,252.29	2,890.13	2,528.96	2,165.81
3 1/2	5,030.35	4,688.24	4,331.23	3,969.07	3,606.90	3,244.74	2,882.59	2,521.42	2,158.26
3 5/8	5,023.40	4,680.98	4,323.69	3,961.52	3,599.36	3,237.19	2,875.05	2,513.88	2,150.71
3 3/4	5,016.42	4,673.67	4,316.14	3,953.98	3,591.81	3,229.65	2,867.50	2,506.33	2,143.17
3 7/8	5,009.43	4,666.37	4,308.60	3,946.43	3,584.26	3,222.11	2,859.95	2,498.79	2,135.62
4	5,002.44	4,659.07	4,301.05	3,938.88	3,576.71	3,214.57	2,852.40	2,491.24	2,128.07
4 1/8	4,995.45	4,651.76	4,293.50	3,931.33	3,569.17	3,207.02	2,844.86	2,483.69	2,120.52
4 1/4	4,988.43	4,644.42	4,285.96	3,923.79	3,561.63	3,199.48	2,837.31	2,476.15	2,112.98
4 1/2	4,981.40	4,637.07	4,278.40	3,916.25	3,554.08	3,191.93	2,829.76	2,468.61	2,105.44
4 3/8	4,974.38	4,629.73	4,270.86	3,908.71	3,546.54	3,184.38	2,822.21	2,461.07	2,097.90
4 1/2	4,967.36	4,622.38	4,263.31	3,901.17	3,539.00	3,176.83	2,814.67	2,453.52	2,090.36
4 5/8	4,960.33	4,615.04	4,255.77	3,893.62	3,531.45	3,169.29	2,807.13	2,445.98	2,082.81
4 3/4	4,953.30	4,607.69	4,248.23	3,886.07	3,523.90	3,161.75	2,799.58	2,438.43	2,075.26
4 7/8	4,946.27	4,600.35	4,240.68	3,878.52	3,516.36	3,154.21	2,792.04	2,430.88	2,067.71
5	4,939.24	4,593.00	4,233.14	3,870.98	3,508.81	3,146.67	2,784.50	2,423.33	2,060.17
5 1/8	4,932.17	4,585.61	4,225.60	3,863.43	3,501.27	3,139.12	2,776.95	2,415.79	2,052.63
5 1/4	4,925.11	4,578.23	4,218.05	3,855.89	3,493.73	3,131.57	2,769.40	2,408.24	2,045.08
5 1/2	4,918.04	4,570.84	4,210.50	3,848.35	3,486.18	3,124.02	2,761.86	2,399.69	2,037.54
5 3/8	4,910.98	4,563.45	4,202.95	3,840.81	3,478.64	3,116.48	2,754.31	2,392.14	2,030.00

CERTIFIED CHART FOR THE ABOVE NAME/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 10'-06" OFF CENTERLINE AND 45'-04" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT

& ANALYSIS, INC.

P.O. Box 2197

Port Neches, Texas 77586

http://www.pma-inc.com



BARGE "CBC 7027"

1 PORT
ULLAGE TABLE

CAPACITIES GIVEN IN BARREL OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-09 3/4"

N	10 FT.	11	11 FT.	12	12 FT.	13	13 FT.	14	14 FT.	15	15 FT.	16	16 FT.	17	17 FT.	18	18 FT.	19	19 FT.
0	2,022.45	1	1,666.29	2	1,298.12	3	935.96	4	573.84	5	229.28	6		7		8		9	
10	2,014.30	11	1,652.74	12	1,290.58	13	928.42	14	566.32	15	222.54	16		17		18		19	
20	2,007.36	21	1,645.19	22	1,283.04	23	920.88	24	558.80	25	215.79	26		27		28		29	
30	1,999.81	31	1,637.64	32	1,275.50	33	913.33	34	551.29	35	209.05	36		37		38		39	
4	1,992.27	41	1,630.10	42	1,267.95	43	905.79	44	543.80	45	202.30	46		47		48		49	
50	1,984.73	51	1,622.56	52	1,260.40	53	898.24	54	536.32	55	195.68	56		57		58		59	
60	1,977.18	61	1,615.02	62	1,252.88	63	890.69	64	528.84	65	188.80	66		67		68		69	
70	1,969.64	71	1,607.48	72	1,245.31	73	883.14	74	521.36	75	182.06	76		77		78		79	
8	1,962.10	81	1,599.93	82	1,237.77	83	875.60	84	513.95	85	175.33	86		87		88		89	
90	1,954.56	91	1,592.38	92	1,230.23	93	868.06	94	506.55	95	168.74	96		97		98		99	
100	1,947.00	101	1,584.83	102	1,222.68	103	860.52	104	499.14	105	162.08	106		107		108		109	
110	1,939.45	111	1,577.29	112	1,215.14	113	852.98	114	491.74	115	155.43	116		117		118		119	
120	1,931.90	121	1,569.74	122	1,207.60	123	845.43	124	484.41	125	148.87	126		127		128		129	
130	1,924.36	131	1,562.20	132	1,200.05	133	837.88	134	477.08	135	142.31	136		137		138		139	
140	1,916.81	141	1,554.66	142	1,192.50	143	830.33	144	469.76	145	135.75	146		147		148		149	
150	1,909.26	151	1,547.12	152	1,184.95	153	822.79	154	462.43	155	129.19	156		157		158		159	
160	1,901.72	161	1,539.57	162	1,177.40	163	815.24	164	455.10	165	122.62	166		167		168		169	
170	1,894.18	171	1,532.02	172	1,169.86	173	807.70	174	447.76	175	116.06	176		177		178		179	
180	1,886.64	181	1,524.48	182	1,162.31	183	800.16	184	440.43	185	109.49	186		187		188		189	
190	1,879.10	191	1,516.93	192	1,154.76	193	792.62	194	433.10	195	102.93	196		197		198		199	
200	1,871.55	201	1,509.39	202	1,147.22	203	785.07	204	425.86	205	96.48	206		207		208		209	
210	1,864.00	211	1,501.85	212	1,139.68	213	777.52	214	418.53	215	89.98	216		217		218		219	
220	1,856.45	221	1,494.30	222	1,132.14	223	769.98	224	411.40	225	83.52	226		227		228		229	
230	1,848.90	231	1,486.78	232	1,124.60	233	762.43	234	404.17	235	77.05	236		237		238		239	
240	1,841.36	241	1,479.21	242	1,117.05	243	754.88	244	397.02	245	71.12	246		247		248		249	
250	1,833.82	251	1,471.67	252	1,109.50	253	747.33	254	389.88	255	65.19	256		257		258		259	
260	1,826.28	261	1,464.12	262	1,101.95	263	739.79	264	382.74	265	59.26	266		267		268		269	
270	1,818.74	271	1,456.57	272	1,094.40	273	732.24	274	375.60	275	53.33	276		277		278		279	
280	1,811.19	281	1,449.02	282	1,086.86	283	724.70	284	368.45	285	48.35	286		287		288		289	
290	1,803.64	291	1,441.48	292	1,079.32	293	717.15	294	361.31	295	42.36	296		297		298		299	
300	1,796.10	301	1,433.93	302	1,071.78	303	709.61	304	354.17	305	36.37	306		307		308		309	
310	1,788.55	311	1,426.38	312	1,064.24	313	702.07	314	347.02	315	30.38	316		317		318		319	
320	1,781.01	321	1,418.84	322	1,056.69	323	694.52	324	339.98	325	25.68	326		327		328		329	
330	1,773.46	331	1,411.30	332	1,049.14	333	686.98	334	332.94	335	20.79	336		337		338		339	
340	1,765.92	341	1,403.76	342	1,041.60	343	679.43	344	325.90	345	15.99	346		347		348		349	
350	1,758.38	351	1,396.21	352	1,034.05	353	671.88	354	318.85	355	11.19	356		357		358		359	
360	1,750.83	361	1,388.67	362	1,026.51	363	664.34	364	311.92	365	6.60	366		367		368		369	
370	1,743.29	371	1,381.12	372	1,018.96	373	656.80	374	304.99	375	1.00	376		377		378		379	
380	1,735.74	381	1,373.57	382	1,011.42	383	649.26	384	298.05	385	10.40	386		387		388		389	
390	1,728.19	391	1,366.02	392	1,003.88	393	641.71	394	291.12	395	7.81	396		397		398		399	
400	1,720.65	401	1,358.48	402	996.33	403	634.17	404	284.19	405		406		407		408		409	
410	1,713.11	411	1,350.94	412	988.79	413	626.62	414	277.26	415		416		417		418		419	
420	1,705.57	421	1,343.40	422	981.24	423	619.07	424	270.33	425		426		427		428		429	
430	1,698.02	431	1,335.86	432	973.69	433	611.52	434	263.40	435		436		437		438		439	
440	1,690.48	441	1,328.31	442	966.14	443	603.98	444	256.56	445		446		447		448		449	
450	1,682.93	451	1,320.76	452	958.60	453	596.44	454	249.71	455		456		457		458		459	
460	1,675.38	461	1,313.21	462	951.05	463	588.90	464	242.87	465		466		467		468		469	
470	1,667.83	471	1,305.67	472	943.60	473	581.36	474	236.02	475		476		477		478		479	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/22/1998 (NSP)
DECK MEASUREMENTS: 05/06/2013 SW
REPRINTED: 06/07/2013 SWCANCELS AND SUPERCEDES
ALL PRIOR TO 05/2013PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2042
Pasadena, Texas 77503
http://www.pmausa.com



BARGE "CBC 7027"

1 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-00" 1/2"

0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	6,174.15	4,896.78	4,548.80	4,187.87	3,825.72	3,463.65	3,101.38	2,739.23	2,377.06
1	5,173.29	4,889.66	4,541.17	4,180.33	3,818.17	3,456.00	3,093.84	2,731.69	2,369.52
2	5,172.43	4,882.55	4,533.74	4,172.79	3,810.62	3,448.46	3,086.29	2,724.15	2,361.98
3	5,170.38	4,875.44	4,526.32	4,165.24	3,803.07	3,440.91	3,078.76	2,716.60	2,354.43
4	5,168.32	4,868.34	4,518.90	4,157.69	3,795.53	3,433.37	3,071.21	2,709.05	2,346.88
5	5,166.27	4,861.23	4,511.47	4,150.15	3,787.98	3,425.83	3,063.66	2,701.50	2,339.34
6	5,164.22	4,854.12	4,504.05	4,142.60	3,780.43	3,418.29	3,056.12	2,693.96	2,331.79
7	5,160.79	4,846.97	4,496.59	4,135.06	3,772.89	3,410.74	3,048.57	2,686.41	2,324.25
8	5,157.36	4,839.82	4,489.12	4,127.51	3,765.35	3,403.19	3,041.03	2,678.87	2,316.71
9	5,153.93	4,832.68	4,481.68	4,119.97	3,757.81	3,395.65	3,033.48	2,671.33	2,309.16
10	5,150.50	4,825.53	4,474.19	4,112.43	3,750.28	3,388.10	3,025.93	2,663.79	2,301.62
11	5,145.70	4,818.34	4,466.89	4,104.88	3,742.72	3,380.68	3,018.39	2,656.24	2,294.07
12	5,140.90	4,811.15	4,459.18	4,097.34	3,735.17	3,373.01	3,010.85	2,648.69	2,286.53
13	5,136.09	4,803.96	4,451.68	4,089.79	3,727.62	3,365.47	3,003.31	2,641.15	2,278.98
14	5,131.29	4,796.76	4,444.17	4,082.24	3,720.07	3,357.93	2,995.78	2,633.60	2,271.43
15	5,125.12	4,789.58	4,436.68	4,074.70	3,712.53	3,350.38	2,988.22	2,626.05	2,263.89
16	5,118.94	4,782.40	4,429.16	4,067.16	3,704.99	3,342.84	2,980.67	2,618.50	2,256.35
17	5,112.77	4,775.21	4,421.65	4,059.62	3,697.45	3,335.29	2,973.12	2,610.96	2,248.81
18	5,106.60	4,768.03	4,414.15	4,052.07	3,689.91	3,327.74	2,965.57	2,603.41	2,241.26
19	5,099.70	4,760.80	4,406.62	4,044.53	3,682.36	3,320.19	2,958.03	2,595.87	2,233.72
20	5,092.80	4,753.57	4,399.10	4,036.98	3,674.81	3,312.65	2,950.49	2,588.32	2,226.17
21	5,085.90	4,746.35	4,391.57	4,029.43	3,667.26	3,305.10	2,942.96	2,580.78	2,218.62
22	5,079.00	4,739.12	4,384.05	4,021.88	3,659.72	3,297.55	2,935.41	2,573.24	2,211.07
23	5,072.05	4,731.85	4,376.50	4,014.34	3,652.18	3,290.01	2,927.86	2,565.69	2,203.53
24	5,065.10	4,724.59	4,368.96	4,006.79	3,644.63	3,282.47	2,920.31	2,558.15	2,195.98
25	5,058.15	4,717.32	4,361.41	3,999.24	3,637.09	3,274.93	2,912.76	2,550.60	2,188.45
26	5,051.19	4,710.05	4,353.86	3,991.69	3,629.55	3,267.38	2,905.22	2,543.06	2,180.91
27	5,044.23	4,702.78	4,346.32	3,984.15	3,622.00	3,259.84	2,897.68	2,535.51	2,173.36
28	5,037.30	4,695.51	4,338.78	3,976.61	3,614.46	3,252.29	2,890.13	2,527.97	2,165.81
29	5,030.36	4,688.25	4,331.23	3,969.07	3,606.91	3,244.74	2,882.59	2,520.43	2,158.26
30	5,023.41	4,680.98	4,323.69	3,961.53	3,599.36	3,237.19	2,875.05	2,512.88	2,150.72
31	5,016.42	4,673.68	4,316.15	3,953.98	3,591.81	3,229.65	2,867.50	2,505.34	2,143.17
32	5,009.43	4,666.37	4,308.60	3,946.43	3,584.26	3,222.11	2,859.96	2,497.79	2,135.62
33	5,002.44	4,659.07	4,301.05	3,938.88	3,576.72	3,214.57	2,852.41	2,490.24	2,128.07
34	4,995.46	4,651.77	4,293.50	3,931.34	3,569.17	3,207.03	2,844.86	2,482.69	2,120.53
35	4,988.43	4,644.42	4,285.96	3,923.79	3,561.63	3,199.48	2,837.31	2,475.16	2,112.99
36	4,981.41	4,637.07	4,278.41	3,916.25	3,554.09	3,191.93	2,829.76	2,467.61	2,105.44
37	4,974.38	4,629.73	4,270.86	3,908.71	3,546.54	3,184.38	2,822.22	2,460.07	2,097.90
38	4,967.36	4,622.38	4,263.31	3,901.17	3,539.00	3,176.84	2,814.67	2,452.53	2,090.36
39	4,960.33	4,615.04	4,255.77	3,893.62	3,531.46	3,169.29	2,807.13	2,444.98	2,082.81
40	4,953.30	4,607.69	4,248.23	3,886.07	3,523.91	3,161.75	2,799.59	2,437.43	2,075.26
41	4,946.27	4,600.35	4,240.69	3,878.53	3,516.36	3,154.21	2,792.04	2,429.88	2,067.72
42	4,939.24	4,593.00	4,233.15	3,870.98	3,508.81	3,146.67	2,784.50	2,422.34	2,060.17
43	4,932.18	4,585.62	4,225.60	3,863.44	3,501.27	3,139.12	2,776.96	2,414.79	2,052.63
44	4,925.11	4,578.23	4,218.05	3,855.90	3,493.73	3,131.57	2,769.41	2,407.24	2,045.09
45	4,918.04	4,570.84	4,210.50	3,848.35	3,486.19	3,124.03	2,761.88	2,399.69	2,037.54
46	5,175.86	4,910.98	4,563.46	4,202.96	3,840.81	3,478.65	3,116.48	2,392.15	2,030.00
47	5,175.00	4,903.87	4,556.03	4,195.41	3,833.26	3,471.10	3,108.93	2,384.60	2,022.46

CERTIFIED TRUE 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 "MHC" VALVE

GAUGE POINT: (MHC) LOCATED 15'-00" OFF CENTERLINE AND 45'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2099

Pearland, Texas 77588

Tel: 281-486-9999



BARGE "CBC 7027"

1 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09 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	2,014.91	0	1,652.74	0	1,290.59	0	928.42	0	566.22	0	222.54	0		0					
1/4	2,007.36	1/4	1,646.19	1/4	1,283.04	1/4	920.88	1/4	558.81	1/4	215.79	1/4		1/4					
1/2	1,999.81	1/2	1,637.65	1/2	1,275.50	1/2	913.34	1/2	551.29	1/2	209.05	1/2		1/2					
3/4	1,992.27	3/4	1,630.10	3/4	1,267.96	3/4	905.79	3/4	543.81	3/4	202.30	3/4		3/4					
1	1,984.73	1	1,622.56	1	1,260.41	1	898.24	1	536.32	1	195.55	1		1					
1 1/4	1,977.19	1 1/4	1,615.02	1 1/4	1,252.86	1 1/4	890.69	1 1/4	528.84	1 1/4	188.80	1 1/4		1 1/4					
1 1/2	1,969.65	1 1/2	1,607.48	1 1/2	1,245.31	1 1/2	883.15	1 1/2	521.36	1 1/2	182.05	1 1/2		1 1/2					
1 3/4	1,962.10	1 3/4	1,599.93	1 3/4	1,237.77	1 3/4	875.60	1 3/4	513.96	1 3/4	175.40	1 3/4		1 3/4					
2	1,954.55	2	1,592.38	2	1,230.23	2	868.06	2	506.55	2	168.74	2		2					
2 1/4	1,947.00	2 1/4	1,584.84	2 1/4	1,222.69	2 1/4	860.52	2 1/4	499.16	2 1/4	162.09	2 1/4		2 1/4					
2 1/2	1,939.46	2 1/2	1,577.29	2 1/2	1,215.15	2 1/2	852.98	2 1/2	491.74	2 1/2	155.43	2 1/2		2 1/2					
2 3/4	1,931.91	2 3/4	1,569.75	2 3/4	1,207.60	2 3/4	845.43	2 3/4	484.41	2 3/4	148.87	2 3/4		2 3/4					
3	1,924.36	3	1,562.21	3	1,200.05	3	837.88	3	477.09	3	142.31	3		3					
3 1/4	1,916.81	3 1/4	1,554.66	3 1/4	1,192.50	3 1/4	830.34	3 1/4	469.78	3 1/4	135.75	3 1/4		3 1/4					
3 1/2	1,909.26	3 1/2	1,547.12	3 1/2	1,184.96	3 1/2	822.79	3 1/2	462.43	3 1/2	129.19	3 1/2		3 1/2					
3 3/4	1,901.72	3 3/4	1,539.57	3 3/4	1,177.41	3 3/4	815.25	3 3/4	455.10	3 3/4	122.63	3 3/4		3 3/4					
4	1,894.18	4	1,532.03	4	1,169.86	4	807.71	4	447.76	4	116.06	4		4					
4 1/4	1,886.64	4 1/4	1,524.48	4 1/4	1,162.31	4 1/4	800.16	4 1/4	440.43	4 1/4	109.50	4 1/4		4 1/4					
4 1/2	1,879.10	4 1/2	1,516.93	4 1/2	1,154.78	4 1/2	792.52	4 1/2	433.10	4 1/2	102.93	4 1/2		4 1/2					
4 3/4	1,871.55	4 3/4	1,509.39	4 3/4	1,147.22	4 3/4	785.07	4 3/4	425.87	4 3/4	96.46	4 3/4		4 3/4					
5	1,864.00	5	1,501.85	5	1,139.69	5	777.53	5	418.53	5	89.99	5		5					
5 1/4	1,856.46	5 1/4	1,494.31	5 1/4	1,132.14	5 1/4	769.98	5 1/4	411.40	5 1/4	83.52	5 1/4		5 1/4					
5 1/2	1,848.91	5 1/2	1,486.78	5 1/2	1,124.60	5 1/2	762.43	5 1/2	404.17	5 1/2	77.05	5 1/2		5 1/2					
5 3/4	1,841.37	5 3/4	1,479.22	5 3/4	1,117.05	5 3/4	754.88	5 3/4	397.03	5 3/4	71.12	5 3/4		5 3/4					
6	1,833.82	6	1,471.67	6	1,109.51	6	747.34	6	389.88	6	65.19	6		6					
6 1/4	1,826.28	6 1/4	1,464.12	6 1/4	1,101.98	6 1/4	739.79	6 1/4	382.74	6 1/4	59.26	6 1/4		6 1/4					
6 1/2	1,818.74	6 1/2	1,456.57	6 1/2	1,094.41	6 1/2	732.24	6 1/2	375.60	6 1/2	53.34	6 1/2		6 1/2					
6 3/4	1,811.19	6 3/4	1,449.03	6 3/4	1,086.87	6 3/4	724.70	6 3/4	368.46	6 3/4	48.36	6 3/4		6 3/4					
7	1,803.65	7	1,441.48	7	1,079.32	7	717.16	7	361.31	7	43.36	7		7					
7 1/4	1,796.10	7 1/4	1,433.93	7 1/4	1,071.78	7 1/4	709.62	7 1/4	354.17	7 1/4	38.37	7 1/4		7 1/4					
7 1/2	1,788.55	7 1/2	1,426.38	7 1/2	1,064.24	7 1/2	702.07	7 1/2	347.03	7 1/2	33.38	7 1/2		7 1/2					
7 3/4	1,781.01	7 3/4	1,418.84	7 3/4	1,056.69	7 3/4	694.53	7 3/4	339.99	7 3/4	29.59	7 3/4		7 3/4					
8	1,773.47	8	1,411.30	8	1,049.15	8	686.98	8	332.94	8	25.79	8		8					
8 1/4	1,765.93	8 1/4	1,403.76	8 1/4	1,041.60	8 1/4	679.43	8 1/4	325.90	8 1/4	21.99	8 1/4		8 1/4					
8 1/2	1,758.38	8 1/2	1,396.22	8 1/2	1,034.05	8 1/2	671.88	8 1/2	318.86	8 1/2	18.19	8 1/2		8 1/2					
8 3/4	1,750.84	8 3/4	1,388.67	8 3/4	1,026.51	8 3/4	664.34	8 3/4	311.83	8 3/4	15.60	8 3/4		8 3/4					
9	1,743.29	9	1,381.12	9	1,018.97	9	656.80	9	304.99	9	13.00	9		9					
9 1/4	1,735.74	9 1/4	1,373.57	9 1/4	1,011.43	9 1/4	649.26	9 1/4	298.06	9 1/4	10.41	9 1/4		9 1/4					
9 1/2	1,728.19	9 1/2	1,366.03	9 1/2	1,003.88	9 1/2	641.72	9 1/2	291.12	9 1/2	7.81	9 1/2		9 1/2					
9 3/4	1,720.65	9 3/4	1,358.49	9 3/4	996.34	9 3/4	634.17	9 3/4	284.19	9 3/4		9 3/4		9 3/4					
10	1,713.11	10	1,350.94	10	988.79	10	626.62	10	277.26	10		10		10					
10 1/4	1,705.57	10 1/4	1,343.40	10 1/4	981.24	10 1/4	619.07	10 1/4	270.34	10 1/4		10 1/4		10 1/4					
10 1/2	1,698.03	10 1/2	1,335.86	10 1/2	973.69	10 1/2	611.53	10 1/2	263.41	10 1/2		10 1/2		10 1/2					
10 3/4	1,690.48	10 3/4	1,328.31	10 3/4	966.15	10 3/4	603.99	10 3/4	256.66	10 3/4		10 3/4		10 3/4					
11	1,682.93	11	1,320.76	11	958.60	11	596.44	11	249.72	11		11		11					
11 1/4	1,675.38	11 1/4	1,313.22	11 1/4	951.05	11 1/4	588.90	11 1/4	242.87	11 1/4		11 1/4		11 1/4					
11 1/2	1,667.84	11 1/2	1,305.67	11 1/2	943.50	11 1/2	581.36	11 1/2	236.03	11 1/2		11 1/2		11 1/2					
11 3/4	1,660.29	11 3/4	1,298.13	11 3/4	935.96	11 3/4	573.84	11 3/4	229.28	11 3/4		11 3/4		11 3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: D7221988 INSP.
DECK MEASUREMENTS: 05/06/2013 SW
REPORTED: 05/07/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 1091
Pearland, Texas 77606
http://www.precisionm.com

Joe Johnson



BARGE "CBC 7027"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-09 1/4"

IN	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	0	5,157.55	4,896.11	4,553.10	4,197.14	3,839.48	3,481.83	3,124.17	2,766.52	2,408.86
1/4	1/4	5,157.21	4,889.12	4,546.79	4,189.69	3,832.02	3,474.38	3,116.71	2,759.07	2,401.40
1/2	1/2	5,156.11	4,882.11	4,538.46	4,182.24	3,824.58	3,466.93	3,109.27	2,751.62	2,393.96
3/4	3/4	5,155.01	4,875.10	4,531.13	4,174.79	3,817.13	3,459.48	3,101.82	2,744.17	2,386.60
1	1	5,153.91	4,868.08	4,523.80	4,167.33	3,809.68	3,452.02	3,094.38	2,736.71	2,379.05
1 1/4	1 1/4	5,152.81	4,861.07	4,516.48	4,159.88	3,802.24	3,444.57	3,086.93	2,729.26	2,371.60
1 1/2	1 1/2	5,150.44	4,854.06	4,509.14	4,152.43	3,794.79	3,437.12	3,079.48	2,721.81	2,364.16
3 1/4	3 1/4	5,148.07	4,847.05	4,501.61	4,144.98	3,787.33	3,429.67	3,072.02	2,714.36	2,356.70
2	2	5,145.70	4,840.04	4,494.48	4,137.52	3,779.88	3,422.21	3,064.57	2,706.90	2,349.25
1 3/4	1 3/4	5,143.33	4,833.02	4,487.14	4,130.07	3,772.43	3,414.79	3,057.12	2,699.45	2,341.81
1 1/2	1 1/2	5,139.61	4,825.96	4,479.75	4,122.63	3,764.98	3,407.32	3,049.67	2,692.00	2,334.38
3 3/4	3 3/4	5,136.89	4,818.87	4,472.38	4,116.18	3,757.52	3,399.87	3,042.21	2,684.55	2,326.91
3	3	5,132.17	4,811.79	4,464.96	4,107.73	3,750.07	3,392.42	3,034.76	2,677.10	2,319.46
3 1/4	3 1/4	5,128.46	4,804.71	4,457.57	4,100.29	3,742.62	3,384.98	3,027.31	2,669.64	2,312.00
1 1/2	1 1/2	5,123.37	4,797.62	4,450.16	4,092.83	3,735.17	3,377.52	3,019.86	2,662.20	2,304.65
3 1/4	3 1/4	5,118.29	4,790.54	4,442.75	4,085.38	3,727.71	3,370.07	3,012.40	2,654.75	2,297.10
6	6	5,113.20	4,783.45	4,435.34	4,077.93	3,720.26	3,362.62	3,004.95	2,647.30	2,289.64
1 1/4	1 1/4	5,108.12	4,776.36	4,427.93	4,070.48	3,712.81	3,355.17	2,997.80	2,639.86	2,282.19
1 1/2	1 1/2	5,103.68	4,769.26	4,420.51	4,063.02	3,705.36	3,347.71	2,990.05	2,632.41	2,274.74
3 1/4	3 1/4	5,098.28	4,762.17	4,413.08	4,055.67	3,697.92	3,340.26	2,982.60	2,624.95	2,267.29
8	8	5,088.82	4,755.07	4,405.66	4,048.12	3,690.47	3,332.81	2,975.14	2,617.50	2,259.83
1 3/4	1 3/4	5,082.38	4,747.98	4,398.24	4,040.67	3,683.02	3,325.36	2,967.69	2,610.05	2,252.38
1 1/2	1 1/2	5,075.65	4,740.83	4,390.81	4,033.21	3,675.67	3,317.91	2,960.24	2,602.60	2,244.93
3 3/4	3 3/4	5,068.71	4,733.68	4,383.38	4,025.76	3,668.12	3,310.45	2,952.80	2,595.14	2,237.49
6	6	5,061.88	4,726.53	4,375.95	4,018.31	3,660.67	3,303.00	2,945.35	2,587.69	2,230.04
1 1/4	1 1/4	5,055.05	4,719.38	4,368.52	4,010.86	3,653.21	3,295.55	2,937.90	2,580.24	2,222.60
1 1/2	1 1/2	5,048.20	4,712.21	4,361.07	4,003.40	3,645.76	3,288.10	2,930.45	2,572.79	2,215.14
3 1/4	3 1/4	5,041.35	4,705.04	4,353.62	3,995.95	3,638.31	3,280.64	2,923.00	2,565.33	2,207.69
7	7	5,034.49	4,697.86	4,346.17	3,988.50	3,630.86	3,273.19	2,915.55	2,557.88	2,200.24
1 1/2	1 1/2	5,027.64	4,690.69	4,338.71	3,981.05	3,623.41	3,265.74	2,908.10	2,550.43	2,192.79
1 1/2	1 1/2	5,020.79	4,683.52	4,331.26	3,973.60	3,615.95	3,258.29	2,900.63	2,542.98	2,185.33
3 1/4	3 1/4	5,013.93	4,676.35	4,323.81	3,966.15	3,608.50	3,250.85	2,893.17	2,535.52	2,177.88
8	8	5,007.07	4,669.17	4,316.36	3,958.71	3,601.05	3,243.40	2,885.70	2,528.07	2,170.43
1 1/4	1 1/4	5,000.21	4,662.00	4,308.90	3,951.26	3,593.60	3,235.95	2,878.24	2,520.62	2,162.98
1 1/2	1 1/2	4,993.30	4,654.77	4,301.45	3,943.81	3,586.14	3,228.50	2,870.80	2,513.17	2,155.52
3 1/4	3 1/4	4,986.39	4,647.54	4,294.00	3,936.36	3,578.69	3,221.05	2,863.36	2,505.73	2,148.07
9	9	4,979.48	4,640.30	4,286.55	3,928.91	3,571.24	3,213.60	2,855.92	2,498.26	2,140.62
1 1/4	1 1/4	4,972.57	4,633.07	4,279.10	3,921.45	3,563.79	3,206.14	2,848.48	2,490.83	2,133.17
1 1/2	1 1/2	4,965.64	4,625.82	4,271.65	3,914.00	3,556.34	3,198.69	2,841.02	2,483.38	2,125.71
3 1/4	3 1/4	4,958.70	4,618.56	4,264.20	3,906.56	3,548.89	3,191.24	2,833.67	2,475.93	2,118.26
10	10	4,951.77	4,611.30	4,256.76	3,899.10	3,541.46	3,183.79	2,826.12	2,468.48	2,110.81
1 1/4	1 1/4	4,944.83	4,604.05	4,249.31	3,891.64	3,534.00	3,176.33	2,818.67	2,461.02	2,103.36
1 1/2	1 1/2	4,937.90	4,596.80	4,241.86	3,884.19	3,526.55	3,168.88	2,811.22	2,453.57	2,095.91
1 1/4	1 1/4	4,930.96	4,589.55	4,234.41	3,876.74	3,519.10	3,161.43	2,803.77	2,446.12	2,088.46
1 1/2	1 1/2	4,924.03	4,582.30	4,226.95	3,869.29	3,511.64	3,153.98	2,796.33	2,438.67	2,081.02
1 1/2	1 1/2	4,917.10	4,575.05	4,219.50	3,861.83	3,504.19	3,146.52	2,788.88	2,431.21	2,073.57
1 1/2	1 1/2	4,910.17	4,567.73	4,212.05	3,854.38	3,496.74	3,138.07	2,781.43	2,423.76	2,066.12
3 1/4	3 1/4	4,903.11	4,560.42	4,204.60	3,846.93	3,489.29	3,131.62	2,773.98	2,416.31	2,058.67

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 10'-06" OFF CENTERLINE AND 45'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT

& ANALYSIS, INC.

P.O. BOX 2091

Portland, Texas 77590

http://www.pma-inc.com



BARGE "CBC 7027"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09 1/4"

10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	2,061.21	0	1,693.55	0	1,355.90	0	978.24	0	620.69
1	2,043.76	1	1,686.10	1	1,348.45	1	970.79	1	613.14
2	2,036.31	2	1,678.64	2	1,341.00	2	963.33	2	605.69
3	2,028.86	3	1,671.19	3	1,333.55	3	955.88	3	598.24
4	2,021.41	4	1,663.74	4	1,326.10	4	948.43	4	590.79
5	2,013.96	5	1,656.29	5	1,298.64	5	940.98	5	583.33
6	2,006.50	6	1,648.84	6	1,291.19	6	933.52	6	575.88
7	1,999.05	7	1,641.39	7	1,283.74	7	926.07	7	568.43
8	1,991.60	8	1,633.95	8	1,276.29	8	918.62	8	560.98
9	1,984.14	9	1,626.50	9	1,268.83	9	911.17	9	553.52
10	1,976.69	10	1,619.05	10	1,261.38	10	903.72	10	546.07
11	1,969.24	11	1,611.60	11	1,253.93	11	896.27	11	538.62
12	1,961.79	12	1,604.14	12	1,246.48	12	888.83	12	531.17
13	1,954.33	13	1,596.69	13	1,239.02	13	881.38	13	523.71
14	1,946.88	14	1,589.24	14	1,231.57	14	873.93	14	516.26
15	1,939.44	15	1,581.79	15	1,224.12	15	866.48	15	508.81
16	1,931.99	16	1,574.33	16	1,216.67	16	859.02	16	501.36
17	1,924.55	17	1,566.88	17	1,209.21	17	851.57	17	493.90
18	1,917.10	18	1,559.43	18	1,201.77	18	844.12	18	486.46
19	1,909.64	19	1,551.98	19	1,194.32	19	836.67	19	479.01
20	1,902.19	20	1,544.52	20	1,186.88	20	829.21	20	471.57
21	1,894.74	21	1,537.07	21	1,179.43	21	821.76	21	464.12
22	1,887.29	22	1,529.62	22	1,171.98	22	814.31	22	456.67
23	1,879.83	23	1,522.17	23	1,164.52	23	806.86	23	449.21
24	1,872.38	24	1,514.71	24	1,157.07	24	799.40	24	441.76
25	1,864.93	25	1,507.26	25	1,149.62	25	791.95	25	434.31
26	1,857.48	26	1,499.82	26	1,142.17	26	784.50	26	426.86
27	1,850.02	27	1,492.37	27	1,134.71	27	777.06	27	419.40
28	1,842.57	28	1,484.92	28	1,127.26	28	769.60	28	411.95
29	1,835.12	29	1,477.48	29	1,119.81	29	762.14	29	404.50
30	1,827.67	30	1,470.02	30	1,112.36	30	754.70	30	397.07
31	1,820.21	31	1,462.57	31	1,104.90	31	747.25	31	389.63
32	1,812.76	32	1,455.12	32	1,097.45	32	739.80	32	382.20
33	1,805.31	33	1,447.67	33	1,090.00	33	732.36	33	374.76
34	1,797.86	34	1,440.21	34	1,082.55	34	724.91	34	367.34
35	1,790.42	35	1,432.76	35	1,075.10	35	717.45	35	359.92
36	1,782.97	36	1,425.31	36	1,067.64	36	710.00	36	352.49
37	1,775.52	37	1,417.86	37	1,060.19	37	702.56	37	345.07
38	1,768.07	38	1,410.41	38	1,052.74	38	695.10	38	337.64
39	1,760.62	39	1,402.95	39	1,045.30	39	687.64	39	330.21
40	1,753.17	40	1,395.50	40	1,037.85	40	680.19	40	322.79
41	1,745.71	41	1,388.05	41	1,030.41	41	672.74	41	315.36
42	1,738.26	42	1,380.60	42	1,022.95	42	665.29	42	307.93
43	1,730.81	43	1,373.14	43	1,015.50	43	657.83	43	300.50
44	1,723.36	44	1,365.69	44	1,008.05	44	650.38	44	293.07
45	1,715.91	45	1,358.24	45	1,000.60	45	642.93	45	285.64
46	1,708.45	46	1,350.79	46	993.14	46	635.48	46	278.21
47	1,701.00	47	1,343.35	47	985.69	47	628.04	47	270.79

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/22/1998 INSP.
DECK MEASUREMENTS: 05/05/2013 SW
REPRINTED: 05/07/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
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http://www.pmaonline.net

John J. Jarama



BARGE "CBC 7027"

2 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-01 1/4"

0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	5,157.55	4,898.11	4,553.10	4,197.14	3,839.48	3,481.83	3,124.17	2,766.52	2,408.86
1	5,157.21	4,898.12	4,545.79	4,189.69	3,832.02	3,474.38	3,116.71	2,758.07	2,401.40
2	5,156.11	4,882.11	4,538.46	4,182.24	3,824.58	3,466.93	3,109.27	2,751.62	2,393.95
3	5,155.01	4,875.10	4,531.13	4,174.76	3,817.13	3,459.48	3,101.82	2,744.17	2,386.50
4	5,153.91	4,868.08	4,523.80	4,167.33	3,809.68	3,452.02	3,094.38	2,736.71	2,379.05
5	5,152.81	4,861.07	4,516.48	4,159.88	3,802.24	3,444.57	3,086.93	2,729.26	2,371.60
6	5,150.44	4,854.05	4,509.14	4,152.43	3,794.79	3,437.12	3,079.48	2,721.81	2,364.15
7	5,148.07	4,847.05	4,501.81	4,144.98	3,787.33	3,429.67	3,072.02	2,714.36	2,356.70
8	5,145.70	4,840.04	4,494.48	4,137.52	3,779.88	3,422.21	3,064.57	2,706.90	2,349.26
9	5,143.33	4,833.02	4,487.14	4,130.07	3,772.43	3,414.76	3,057.12	2,699.45	2,341.81
10	5,139.81	4,826.95	4,479.75	4,122.63	3,764.88	3,407.32	3,049.67	2,692.00	2,334.36
11	5,135.89	4,818.87	4,472.36	4,115.18	3,757.42	3,399.87	3,042.21	2,684.55	2,326.91
12	5,132.17	4,811.79	4,464.96	4,107.73	3,750.07	3,392.42	3,034.76	2,677.10	2,319.46
13	5,128.45	4,804.71	4,457.57	4,100.29	3,742.62	3,384.98	3,027.31	2,669.64	2,312.00
14	5,123.37	4,797.62	4,450.16	4,092.83	3,735.17	3,377.52	3,019.86	2,662.20	2,304.56
15	5,118.29	4,790.54	4,442.76	4,085.38	3,727.71	3,370.07	3,012.40	2,654.75	2,297.10
16	5,113.20	4,783.45	4,435.34	4,077.93	3,720.26	3,362.62	3,004.95	2,647.30	2,289.64
17	5,108.12	4,776.36	4,427.93	4,070.48	3,712.81	3,355.17	2,997.50	2,639.86	2,282.18
18	5,101.68	4,769.26	4,420.51	4,063.02	3,705.36	3,347.71	2,990.05	2,632.41	2,274.74
19	5,095.25	4,762.17	4,413.08	4,055.57	3,697.92	3,340.26	2,982.60	2,624.95	2,267.29
20	5,088.82	4,755.07	4,405.66	4,048.12	3,690.47	3,332.81	2,975.14	2,617.50	2,259.83
21	5,082.38	4,747.98	4,398.24	4,040.67	3,683.02	3,325.36	2,967.69	2,610.06	2,252.38
22	5,075.55	4,740.83	4,390.81	4,033.21	3,675.57	3,317.91	2,960.24	2,602.60	2,244.93
23	5,068.71	4,733.68	4,383.38	4,025.76	3,668.12	3,310.45	2,952.80	2,595.14	2,237.49
24	5,061.88	4,726.53	4,375.96	4,018.31	3,660.67	3,303.00	2,945.35	2,587.69	2,230.04
25	5,055.05	4,719.38	4,368.52	4,010.86	3,653.21	3,295.55	2,937.90	2,580.24	2,222.60
26	5,048.20	4,712.21	4,361.07	4,003.40	3,645.76	3,288.10	2,930.45	2,572.79	2,215.14
27	5,041.35	4,705.04	4,353.62	3,995.95	3,638.31	3,280.64	2,923.00	2,565.33	2,207.69
28	5,034.49	4,697.86	4,346.17	3,988.50	3,630.86	3,273.19	2,915.55	2,557.88	2,200.24
29	5,027.64	4,690.69	4,338.71	3,981.05	3,623.41	3,265.74	2,908.10	2,550.43	2,192.79
30	5,020.79	4,683.52	4,331.26	3,973.60	3,615.95	3,258.29	2,900.63	2,542.98	2,185.33
31	5,013.93	4,676.35	4,323.81	3,966.15	3,608.50	3,250.85	2,893.17	2,535.52	2,177.88
32	5,007.07	4,669.17	4,316.36	3,958.71	3,601.05	3,243.40	2,885.70	2,528.07	2,170.43
33	5,000.21	4,662.00	4,308.90	3,951.26	3,593.60	3,235.95	2,878.24	2,520.62	2,162.98
34	4,993.30	4,654.77	4,301.45	3,943.81	3,586.14	3,228.50	2,870.80	2,513.17	2,155.52
35	4,986.39	4,647.64	4,294.00	3,936.36	3,578.69	3,221.05	2,863.36	2,505.73	2,148.07
36	4,979.48	4,640.30	4,286.55	3,928.91	3,571.24	3,213.60	2,855.92	2,498.28	2,140.62
37	4,972.57	4,633.07	4,279.10	3,921.45	3,563.79	3,206.14	2,848.48	2,490.83	2,133.17
38	4,965.64	4,625.82	4,271.65	3,914.00	3,556.34	3,198.69	2,841.02	2,483.38	2,125.71
39	4,958.70	4,618.56	4,264.20	3,906.55	3,548.89	3,191.24	2,833.57	2,475.93	2,118.26
40	4,951.77	4,611.30	4,256.76	3,899.10	3,541.45	3,183.79	2,826.12	2,468.48	2,110.81
41	4,944.83	4,604.05	4,249.31	3,891.64	3,534.00	3,176.33	2,818.67	2,461.02	2,103.36
42	4,937.90	4,596.80	4,241.86	3,884.19	3,526.55	3,168.88	2,811.22	2,453.57	2,095.91
43	4,930.96	4,589.55	4,234.41	3,876.74	3,519.10	3,161.43	2,803.77	2,446.12	2,088.46
44	4,924.03	4,582.30	4,226.95	3,869.29	3,511.64	3,153.98	2,796.33	2,438.67	2,081.02
45	4,917.10	4,575.05	4,219.50	3,861.83	3,504.19	3,146.52	2,788.88	2,431.21	2,073.57
46	4,910.16	4,567.73	4,212.05	3,854.38	3,496.74	3,139.07	2,781.43	2,423.76	2,066.12
47	4,903.11	4,560.42	4,204.60	3,846.93	3,489.29	3,131.62	2,773.98	2,416.31	2,058.67

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 10'-06" OFF CENTERLINE AND 45'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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P.O. Box 2992
Pearland, Texas 77588
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Signature



BARGE "CBC 7027"

2 STBD

ULLAGE TABLE

GAUGE HEIGHT 15'-09 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

1	10 FT.	2	11 FT.	3	12 FT.	4	13 FT.	5	14 FT.	6	15 FT.	7	16 FT.	8	17 FT.	9	18 FT.	10	19 FT.
1	2,051.21	1	1,693.55	1	1,335.90	1	978.24	1	620.69	1	263.36	1		1		1		1	
11	2,043.76	11	1,686.10	11	1,328.45	11	970.79	11	613.14	11	255.93	11		11		11		11	
12	2,036.31	12	1,678.64	12	1,321.00	12	963.33	12	605.69	12	248.51	12		12		12		12	
13	2,028.86	13	1,671.19	13	1,313.55	13	955.88	13	598.24	13	241.08	13		13		13		13	
14	2,021.41	14	1,663.74	14	1,306.10	14	948.43	14	590.79	14	233.66	14		14		14		14	
15	2,013.95	15	1,656.29	15	1,298.64	15	940.98	15	583.33	15	226.24	15		15		15		15	
16	2,006.50	16	1,648.84	16	1,291.19	16	933.52	16	575.88	16	218.81	16		16		16		16	
17	1,999.06	17	1,641.39	17	1,283.74	17	926.07	17	568.43	17	211.38	17		17		17		17	
18	1,991.60	18	1,633.95	18	1,276.29	18	918.62	18	560.98	18	203.95	18		18		18		18	
19	1,984.14	19	1,626.50	19	1,268.83	19	911.17	19	553.52	19	196.52	19		19		19		19	
20	1,976.69	20	1,619.05	20	1,261.38	20	903.72	20	546.07	20	189.10	20		20		20		20	
21	1,969.24	21	1,611.60	21	1,253.93	21	896.27	21	538.62	21	181.67	21		21		21		21	
22	1,961.79	22	1,604.14	22	1,246.48	22	888.83	22	531.17	22	174.24	22		22		22		22	
23	1,954.33	23	1,596.69	23	1,239.02	23	881.38	23	523.71	23	166.81	23		23		23		23	
24	1,946.88	24	1,589.24	24	1,231.57	24	873.93	24	516.26	24	159.39	24		24		24		24	
25	1,939.44	25	1,581.79	25	1,224.12	25	866.48	25	508.81	25	151.96	25		25		25		25	
26	1,931.99	26	1,574.33	26	1,216.67	26	859.02	26	501.36	26	144.54	26		26		26		26	
27	1,924.55	27	1,566.88	27	1,209.21	27	851.57	27	493.90	27	137.12	27		27		27		27	
28	1,917.10	28	1,559.43	28	1,201.77	28	844.12	28	486.45	28	129.68	28		28		28		28	
29	1,909.64	29	1,551.98	29	1,194.32	29	836.67	29	479.01	29	122.26	29		29		29		29	
30	1,902.19	30	1,544.52	30	1,186.83	30	829.21	30	471.57	30	114.83	30		30		30		30	
31	1,894.74	31	1,537.07	31	1,179.38	31	821.76	31	464.12	31	107.40	31		31		31		31	
32	1,887.28	32	1,529.62	32	1,171.93	32	814.31	32	456.67	32	99.98	32		32		32		32	
33	1,879.83	33	1,522.17	33	1,164.48	33	806.86	33	449.21	33	92.55	33		33		33		33	
34	1,872.38	34	1,514.71	34	1,157.02	34	799.40	34	441.76	34	85.12	34		34		34		34	
35	1,864.93	35	1,507.26	35	1,149.57	35	791.95	35	434.31	35	77.69	35		35		35		35	
36	1,857.48	36	1,499.82	36	1,142.12	36	784.50	36	426.86	36	71.11	36		36		36		36	
37	1,850.02	37	1,492.37	37	1,134.71	37	777.05	37	419.40	37	64.52	37		37		37		37	
38	1,842.57	38	1,484.92	38	1,127.26	38	769.60	38	411.95	38	57.94	38		38		38		38	
39	1,835.12	39	1,477.47	39	1,119.81	39	762.14	39	404.50	39	51.36	39		39		39		39	
40	1,827.67	40	1,470.02	40	1,112.36	40	754.70	40	397.07	40	44.98	40		40		40		40	
41	1,820.21	41	1,462.57	41	1,104.90	41	747.25	41	389.63	41	38.56	41		41		41		41	
42	1,812.76	42	1,455.12	42	1,097.45	42	739.80	42	382.20	42	32.14	42		42		42		42	
43	1,805.31	43	1,447.67	43	1,090.00	43	732.35	43	374.75	43	25.72	43		43		43		43	
44	1,797.86	44	1,440.21	44	1,082.55	44	724.91	44	367.34	44	19.30	44		44		44		44	
45	1,790.42	45	1,432.76	45	1,075.10	45	717.46	45	359.92	45	12.88	45		45		45		45	
46	1,782.97	46	1,425.31	46	1,067.64	46	710.00	46	352.49	46	6.46	46		46		46		46	
47	1,775.52	47	1,417.89	47	1,060.19	47	702.55	47	345.07	47	0.04	47		47		47		47	
48	1,768.07	48	1,410.41	48	1,052.74	48	695.10	48	337.64	48		48		48		48		48	
49	1,760.62	49	1,402.95	49	1,045.30	49	687.64	49	330.21	49		49		49		49		49	
50	1,753.17	50	1,395.50	50	1,037.85	50	680.19	50	322.79	50		50		50		50		50	
51	1,745.71	51	1,388.05	51	1,030.41	51	672.74	51	315.36	51		51		51		51		51	
52	1,738.26	52	1,380.60	52	1,022.96	52	665.29	52	307.93	52		52		52		52		52	
53	1,730.81	53	1,373.14	53	1,015.50	53	657.83	53	300.60	53		53		53		53		53	
54	1,723.36	54	1,365.69	54	1,008.06	54	650.38	54	293.07	54		54		54		54		54	
55	1,715.91	55	1,358.24	55	1,000.60	55	642.93	55	285.64	55		55		55		55		55	
56	1,708.45	56	1,350.79	56	993.14	56	635.48	56	278.21	56		56		56		56		56	
57	1,701.00	57	1,343.35	57	985.69	57	628.04	57	270.78	57		57		57		57		57	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

STRAPPED: 07/22/1998 INSP.
LECK MEASUREMENTS: 05/05/2013 SW
REPRINTED: 05/07/2013 SW

CANCELS AND SUPERCEDS
ALL PRIOR TO 05/2013

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

Paul Johnson



BARGE "CBC 7027"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-09 1/4"

IN	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	0	4,877.01	4,489.61	4,248.53	3,998.47	3,747.30	3,495.02	3,150.70	2,789.15	2,427.61
10	10	4,877.57	4,484.69	4,243.38	3,993.24	3,742.07	3,489.45	3,143.17	2,781.62	2,420.07
20	20	4,878.03	4,479.77	4,238.23	3,988.00	3,736.84	3,483.48	3,136.64	2,774.08	2,412.54
30	30	4,875.68	4,474.85	4,233.08	3,982.77	3,731.61	3,477.52	3,128.11	2,766.66	2,406.01
40	40	4,574.73	4,469.82	4,227.93	3,977.54	3,728.37	3,471.56	3,120.68	2,759.03	2,397.48
50	50	4,573.79	4,465.00	4,222.79	3,972.31	3,721.14	3,465.60	3,113.05	2,751.60	2,389.95
60	60	4,571.69	4,460.07	4,217.64	3,967.08	3,715.91	3,459.21	3,105.51	2,743.96	2,382.42
70	70	4,570.00	4,455.14	4,212.49	3,961.84	3,710.68	3,452.83	3,097.98	2,736.43	2,374.88
80	80	4,568.11	4,450.21	4,207.34	3,956.61	3,705.45	3,448.45	3,090.44	2,728.89	2,367.35
90	90	4,566.21	4,445.29	4,202.19	3,951.38	3,700.21	3,440.07	3,082.90	2,721.38	2,359.81
100	100	4,563.36	4,440.31	4,196.99	3,946.15	3,694.98	3,433.27	3,078.37	2,713.83	2,352.28
110	110	4,560.51	4,435.33	4,191.79	3,940.92	3,689.75	3,426.46	3,067.85	2,706.30	2,344.75
120	120	4,557.68	4,430.38	4,186.58	3,935.68	3,684.52	3,419.66	3,060.32	2,698.77	2,337.22
130	130	4,554.81	4,425.38	4,181.38	3,930.46	3,679.28	3,412.86	3,052.79	2,691.24	2,329.69
140	140	4,551.91	4,420.40	4,176.17	3,925.22	3,674.05	3,405.64	3,045.25	2,683.70	2,322.15
150	150	4,547.20	4,415.42	4,170.96	3,919.99	3,668.82	3,398.43	3,037.71	2,676.17	2,314.62
160	160	4,543.40	4,410.43	4,165.76	3,914.76	3,663.59	3,391.21	3,030.18	2,668.63	2,307.08
170	170	4,539.80	4,405.46	4,160.56	3,909.52	3,658.36	3,384.00	3,022.64	2,661.10	2,299.55
180	180	4,534.84	4,400.47	4,155.34	3,904.29	3,653.12	3,376.52	3,015.11	2,653.57	2,292.02
190	190	4,530.08	4,395.49	4,150.14	3,899.06	3,647.89	3,369.04	3,007.58	2,646.04	2,284.49
200	200	4,525.33	4,390.51	4,144.94	3,893.83	3,642.66	3,361.55	3,000.05	2,638.51	2,276.96
210	210	4,520.57	4,385.52	4,139.74	3,888.60	3,637.43	3,354.07	2,992.52	2,630.98	2,269.43
220	220	4,515.76	4,380.48	4,134.58	3,883.36	3,632.20	3,346.54	2,984.99	2,623.45	2,261.90
230	230	4,510.94	4,375.48	4,129.27	3,878.12	3,626.98	3,339.01	2,977.46	2,615.92	2,254.37
240	240	4,506.13	4,370.42	4,124.04	3,872.88	3,621.73	3,331.48	2,969.93	2,608.39	2,246.84
250	250	4,501.31	4,365.38	4,118.81	3,867.64	3,616.50	3,323.95	2,962.40	2,600.86	2,239.31
260	260	4,506.60	4,360.35	4,113.58	3,862.41	3,611.27	3,316.42	2,954.87	2,593.32	2,231.77
270	270	4,501.69	4,355.31	4,108.34	3,857.18	3,606.04	3,308.88	2,947.33	2,585.79	2,224.24
280	280	4,506.88	4,350.27	4,103.11	3,851.94	3,600.80	3,301.35	2,939.80	2,578.25	2,216.70
290	290	4,502.07	4,345.24	4,097.88	3,846.71	3,595.57	3,293.81	2,932.26	2,570.71	2,209.17
300	300	4,507.26	4,340.20	4,092.65	3,841.48	3,590.34	3,286.28	2,924.73	2,563.18	2,201.64
310	310	4,502.44	4,335.17	4,087.41	3,836.25	3,585.11	3,278.75	2,917.20	2,555.65	2,194.11
320	320	4,507.63	4,330.13	4,082.18	3,831.02	3,579.87	3,271.22	2,909.67	2,548.12	2,186.58
330	330	4,502.81	4,325.10	4,076.95	3,825.78	3,574.64	3,263.69	2,902.14	2,540.60	2,179.05
340	340	4,507.94	4,320.00	4,071.72	3,820.55	3,569.41	3,256.18	2,894.61	2,533.06	2,171.51
350	350	4,503.07	4,314.90	4,066.49	3,815.32	3,564.18	3,248.62	2,887.07	2,525.52	2,163.98
360	360	4,508.20	4,309.81	4,061.25	3,810.09	3,558.96	3,241.08	2,879.54	2,517.98	2,156.44
370	370	4,503.33	4,304.71	4,056.02	3,804.86	3,553.71	3,233.55	2,872.00	2,510.45	2,148.91
380	380	4,508.46	4,299.63	4,050.79	3,799.62	3,548.48	3,226.02	2,864.47	2,502.92	2,141.38
390	390	4,503.60	4,294.54	4,045.58	3,794.39	3,543.25	3,218.49	2,856.94	2,495.39	2,133.85
400	400	4,508.73	4,289.45	4,040.33	3,789.16	3,538.02	3,210.96	2,849.41	2,487.86	2,126.32
410	410	4,503.86	4,284.36	4,035.09	3,783.93	3,532.79	3,203.43	2,841.88	2,480.33	2,118.79
420	420	4,508.99	4,279.26	4,029.86	3,778.69	3,527.52	3,195.89	2,834.35	2,472.80	2,111.26
430	430	4,504.12	4,274.17	4,024.63	3,773.46	3,522.26	3,188.36	2,826.82	2,465.27	2,103.73
440	440	4,509.25	4,269.07	4,019.40	3,768.23	3,517.00	3,180.82	2,819.29	2,457.74	2,096.20
450	450	4,504.38	4,263.98	4,014.17	3,763.00	3,511.74	3,173.29	2,811.76	2,450.21	2,088.67
460	460	4,509.46	4,258.83	4,008.93	3,757.77	3,506.47	3,165.76	2,804.23	2,442.68	2,081.13
470	470	4,504.54	4,253.68	4,003.70	3,752.53	3,501.20	3,158.23	2,796.69	2,435.14	2,073.60

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 10'-06" OBT CENTERLINE AND 45'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT

& ANALYSIS, INC.

P.O. Box 2091

Freeport, Texas 77541

tel: 281/292-0000 fax: 281/292-0001

Signature



BARGE "CBC 7027"

3 PORT

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09 1/4"

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	2,086.06	1,704.61	1,342.98	981.42	619.87	258.79				
05	2,050.52	1,696.98	1,335.43	973.88	612.33	251.29				
10	2,050.99	1,689.45	1,327.90	966.35	604.80	243.77				
15	2,043.46	1,681.92	1,320.37	958.82	597.27	236.26				
20	2,036.93	1,674.39	1,312.84	951.29	589.74	228.75				
25	2,029.40	1,666.86	1,305.31	943.76	582.21	221.24				
30	2,020.87	1,659.32	1,297.77	936.23	574.68	213.73				
35	2,013.33	1,651.79	1,290.24	928.69	567.14	206.23				
40	2,005.80	1,644.25	1,282.70	921.15	559.61	198.72				
45	1,998.26	1,636.71	1,275.17	913.62	552.07	191.21				
50	1,990.73	1,629.18	1,267.64	906.09	544.54	183.71				
55	1,983.20	1,621.65	1,260.11	898.56	537.01	176.20				
60	1,975.67	1,614.12	1,252.58	891.03	529.48	168.70				
65	1,968.14	1,606.60	1,245.05	883.50	521.95	161.19				
70	1,960.61	1,599.08	1,237.51	875.96	514.42	153.68				
75	1,953.07	1,591.52	1,229.98	868.43	506.88	146.17				
80	1,945.54	1,583.99	1,222.44	860.89	499.35	138.65				
85	1,938.00	1,576.45	1,214.91	853.36	491.81	131.14				
90	1,930.47	1,568.92	1,207.38	845.83	484.28	123.64				
95	1,922.94	1,561.39	1,199.85	838.30	476.75	116.13				
100	1,915.41	1,553.86	1,192.32	830.77	469.22	108.62				
105	1,907.88	1,546.33	1,184.79	823.24	461.69	101.12				
110	1,900.35	1,538.80	1,177.28	815.71	454.16	93.65				
115	1,892.82	1,531.27	1,169.73	808.18	446.63	86.19				
120	1,885.29	1,523.74	1,162.20	800.65	439.10	78.73				
125	1,877.76	1,516.21	1,154.67	793.12	431.57	71.26				
130	1,870.23	1,508.68	1,147.13	785.58	424.04	64.83				
135	1,862.69	1,501.14	1,139.60	778.05	416.50	58.39				
140	1,855.15	1,493.61	1,132.06	770.51	408.96	51.96				
145	1,847.62	1,486.07	1,124.52	762.98	401.43	45.52				
150	1,840.09	1,478.54	1,116.99	755.45	393.92	40.52				
155	1,832.56	1,471.01	1,109.46	747.92	386.42	35.62				
160	1,825.03	1,463.48	1,101.93	740.39	378.91	30.62				
165	1,817.50	1,455.95	1,094.40	732.86	371.40	25.52				
170	1,809.96	1,448.42	1,086.87	725.32	363.90	21.98				
175	1,802.43	1,440.88	1,079.33	717.79	356.39	18.39				
180	1,794.89	1,433.35	1,071.80	710.25	348.89	14.83				
185	1,787.36	1,425.81	1,064.26	702.71	341.38	11.26				
190	1,779.83	1,418.28	1,056.73	695.18	333.87					
195	1,772.30	1,410.75	1,049.20	687.65	326.36					
200	1,764.77	1,403.22	1,041.67	680.12	318.85					
205	1,757.24	1,395.69	1,034.14	672.60	311.33					
210	1,749.71	1,388.16	1,026.61	665.07	303.83					
215	1,742.18	1,380.63	1,019.08	657.54	296.34					
220	1,734.65	1,373.10	1,011.55	650.01	288.82					
225	1,727.12	1,365.57	1,004.02	642.48	281.31					
230	1,719.58	1,358.04	996.49	634.94	273.80					
235	1,712.05	1,350.50	988.95	627.40	266.30					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/22/1899 INSP.
DECK MEASUREMENTS: 05/08/20 13 3/4
REPRINTED: 04/07/20 13 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2753
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http://www.pmaonline.com



BARGE "CBC 7027"

3 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09 1/4"

IN	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	0	4,677.81	4,439.61	4,248.53	3,998.47	3,747.38	3,495.02	3,150.70	2,784.16	2,427.61
1	1	4,677.57	4,439.37	4,248.29	3,998.23	3,747.14	3,494.78	3,149.46	2,782.92	2,426.37
2	2	4,676.63	4,438.43	4,247.35	3,997.29	3,738.20	3,489.84	3,139.52	2,774.08	2,415.54
3	3	4,675.68	4,437.48	4,236.40	3,986.34	3,727.25	3,478.89	3,128.57	2,763.13	2,404.59
4	4	4,674.73	4,436.53	4,225.45	3,975.39	3,716.30	3,467.94	3,117.62	2,752.18	2,393.64
5	5	4,673.79	4,435.59	4,214.51	3,964.45	3,705.36	3,456.99	3,106.68	2,741.24	2,382.69
6	6	4,672.84	4,434.64	4,203.56	3,953.50	3,694.41	3,446.04	3,095.73	2,730.29	2,371.74
7	7	4,671.89	4,433.69	4,192.61	3,942.55	3,683.46	3,435.09	3,084.78	2,719.34	2,360.79
8	8	4,670.94	4,432.74	4,181.66	3,931.60	3,672.51	3,424.14	3,073.83	2,708.39	2,349.84
9	9	4,669.99	4,431.79	4,170.71	3,920.65	3,661.56	3,413.19	3,062.88	2,697.44	2,338.89
10	10	4,669.04	4,430.84	4,159.76	3,909.70	3,650.61	3,402.24	3,051.93	2,686.49	2,327.94
11	11	4,668.09	4,429.89	4,148.81	3,898.75	3,639.66	3,391.29	3,040.98	2,675.54	2,316.99
12	12	4,667.14	4,428.94	4,137.86	3,887.80	3,628.71	3,380.34	3,030.03	2,664.59	2,306.04
13	13	4,666.19	4,427.99	4,126.91	3,876.85	3,617.76	3,369.39	3,019.08	2,653.64	2,295.09
14	14	4,665.24	4,427.04	4,115.96	3,865.90	3,606.81	3,358.44	3,008.13	2,642.69	2,284.14
15	15	4,664.29	4,426.09	4,105.01	3,854.95	3,595.86	3,347.49	2,997.18	2,631.74	2,273.19
16	16	4,663.34	4,425.14	4,094.06	3,844.00	3,584.91	3,336.54	2,986.23	2,620.79	2,262.24
17	17	4,662.39	4,424.19	4,083.11	3,833.05	3,573.96	3,325.59	2,975.28	2,609.84	2,251.29
18	18	4,661.44	4,423.24	4,072.16	3,822.10	3,563.01	3,314.64	2,964.33	2,598.89	2,240.34
19	19	4,660.49	4,422.29	4,061.21	3,811.15	3,552.06	3,303.69	2,953.38	2,587.94	2,229.39
20	20	4,659.54	4,421.34	4,050.26	3,800.20	3,541.11	3,292.74	2,942.43	2,576.99	2,218.44
21	21	4,658.59	4,420.39	4,039.31	3,789.25	3,530.16	3,281.79	2,931.48	2,566.04	2,207.49
22	22	4,657.64	4,419.44	4,028.36	3,778.30	3,519.21	3,270.84	2,920.53	2,555.09	2,196.54
23	23	4,656.69	4,418.49	4,017.41	3,767.35	3,508.26	3,259.89	2,909.58	2,544.14	2,185.59
24	24	4,655.74	4,417.54	4,006.46	3,756.40	3,497.31	3,248.94	2,898.63	2,533.19	2,174.64
25	25	4,654.79	4,416.59	3,995.51	3,745.45	3,486.36	3,237.99	2,887.68	2,522.24	2,163.69
26	26	4,653.84	4,415.64	3,984.56	3,734.50	3,475.41	3,227.04	2,876.73	2,511.29	2,152.74
27	27	4,652.89	4,414.69	3,973.61	3,723.55	3,464.46	3,216.09	2,865.78	2,500.34	2,141.79
28	28	4,651.94	4,413.74	3,962.66	3,712.60	3,453.51	3,205.14	2,854.83	2,489.39	2,130.84
29	29	4,650.99	4,412.79	3,951.71	3,701.65	3,442.56	3,194.19	2,843.88	2,478.44	2,119.89
30	30	4,650.04	4,411.84	3,940.76	3,690.70	3,431.61	3,183.24	2,832.93	2,467.49	2,108.94
31	31	4,649.09	4,410.89	3,929.81	3,679.75	3,420.66	3,172.29	2,821.98	2,456.54	2,097.99
32	32	4,648.14	4,409.94	3,918.86	3,668.80	3,409.71	3,161.34	2,811.03	2,445.59	2,087.04
33	33	4,647.19	4,408.99	3,907.91	3,657.85	3,398.76	3,150.39	2,800.08	2,434.64	2,076.09
34	34	4,646.24	4,408.04	3,896.96	3,646.90	3,387.81	3,139.44	2,789.13	2,423.69	2,065.14
35	35	4,645.29	4,407.09	3,886.01	3,635.95	3,376.86	3,128.49	2,778.18	2,412.74	2,054.19
36	36	4,644.34	4,406.14	3,875.06	3,625.00	3,365.91	3,117.54	2,767.23	2,401.79	2,043.24
37	37	4,643.39	4,405.19	3,864.11	3,614.05	3,354.96	3,106.59	2,756.28	2,390.84	2,032.29
38	38	4,642.44	4,404.24	3,853.16	3,603.10	3,344.01	3,095.64	2,745.33	2,379.89	2,021.34
39	39	4,641.49	4,403.29	3,842.21	3,592.15	3,333.06	3,084.69	2,734.38	2,368.94	2,010.39
40	40	4,640.54	4,402.34	3,831.26	3,581.20	3,322.11	3,073.74	2,723.43	2,357.99	2,000.44
41	41	4,639.59	4,401.39	3,820.31	3,570.25	3,311.16	3,062.79	2,712.48	2,347.04	1,989.49
42	42	4,638.64	4,400.44	3,809.36	3,559.30	3,300.21	3,051.84	2,701.53	2,336.09	1,978.54
43	43	4,637.69	4,399.49	3,798.41	3,548.35	3,289.26	3,040.89	2,690.58	2,325.14	1,967.59
44	44	4,636.74	4,398.54	3,787.46	3,537.40	3,278.31	3,030.04	2,679.63	2,314.19	1,956.64
45	45	4,635.79	4,397.59	3,776.51	3,526.45	3,267.36	3,019.09	2,668.68	2,303.24	1,945.69
46	46	4,634.84	4,396.64	3,765.56	3,515.50	3,256.41	3,008.14	2,657.73	2,292.29	1,934.74
47	47	4,633.89	4,395.69	3,754.61	3,504.55	3,245.46	2,997.19	2,646.78	2,281.34	1,923.79
48	48	4,632.94	4,394.74	3,743.66	3,493.60	3,234.51	2,986.24	2,635.83	2,270.39	1,912.84
49	49	4,631.99	4,393.79	3,732.71	3,482.65	3,223.56	2,975.29	2,624.88	2,259.44	1,901.89
50	50	4,631.04	4,392.84	3,721.76	3,471.70	3,212.61	2,964.34	2,613.93	2,248.49	1,890.94
51	51	4,630.09	4,391.89	3,710.81	3,460.75	3,201.66	2,953.39	2,602.98	2,237.54	1,880.09
52	52	4,629.14	4,390.94	3,700.00	3,449.80	3,190.71	2,942.44	2,592.03	2,226.59	1,869.14
53	53	4,628.19	4,389.99	3,689.05	3,438.85	3,179.76	2,931.49	2,581.08	2,215.64	1,858.19
54	54	4,627.24	4,389.04	3,678.10	3,427.90	3,168.81	2,920.54	2,570.13	2,204.69	1,847.24
55	55	4,626.29	4,388.09	3,667.15	3,416.95	3,157.86	2,909.59	2,559.18	2,193.74	1,836.29
56	56	4,625.34	4,387.14	3,656.20	3,406.00	3,146.91	2,898.64	2,548.23	2,182.79	1,825.34
57	57	4,624.39	4,386.19	3,645.25	3,395.05	3,135.96	2,887.69	2,537.28	2,171.84	1,814.39
58	58	4,623.44	4,385.24	3,634.30	3,384.10	3,125.01	2,876.74	2,526.33	2,160.89	1,803.44
59	59	4,622.49	4,384.29	3,623.35	3,373.15	3,114.06	2,865.79	2,515.38	2,149.94	1,792.49
60	60	4,621.54	4,383.34	3,612.40	3,362.20	3,103.11	2,854.84	2,504.43	2,138.99	1,781.54
61	61	4,620.59	4,382.39	3,601.45	3,351.25	3,092.16	2,843.89	2,493.48	2,128.04	1,770.59
62	62	4,619.64	4,381.44	3,590.50	3,340.30	3,081.21	2,832.94	2,482.53	2,117.09	1,759.64
63	63	4,618.69	4,380.49	3,579.55	3,329.35	3,070.26	2,821.99	2,471.58	2,106.14	1,748.69
64	64	4,617.74	4,379.54	3,568.60	3,318.40	3,059.31	2,811.04	2,460.63	2,095.19	1,737.74
65	65	4,616.79	4,378.59	3,557.65	3,307.45	3,048.36	2,800.09	2,449.68	2,084.24	1,726.79
66	66	4,615.84	4,377.64	3,546.70	3,296.50	3,037.41	2,789.14	2,438.73	2,073.29	1,715.84
67	67	4,614.89	4,376.69	3,535.75	3,285.55	3,026.46	2,778.19	2,427.78	2,062.34	1,704.89
68	68	4,613.94	4,375.74	3,524.80	3,274.60	3,015.51	2,767.24	2,416.83	2,051.39	1,693.94
69	69	4,612.99	4,374.79	3,513.85	3,263.65	3,004.56	2,756.29	2,405.88	2,040.44	1,682.99
70	70	4,612.04	4,373.84	3,502.90	3,252.70	2,993.61	2,745.34	2,394.93	2,029.49	1,672.04
71	71	4,611.09	4,372.89	3,491.95	3,241.75	2,982.66	2,734.39	2,383.98	2,018.54	1,661.09
72	72	4,610.14	4,371.94	3,481.00	3,230.80	2,971.71	2,723.44	2,373.03	2,007.59	1,650.14
73	73	4,609.19	4,370.99	3,470.05	3,219.85	2,960.76	2,712.49	2,362.08	1,996.64	1,639.19
74	74	4,608.24	4,370.04	3,459.10	3,208.90	2,949.81	2,701.54	2,351.13	1,985.69	1,628.24
75	75	4,607.29	4,369.09	3,448.15	3,197.95	2,938.86	2,690.59	2,340.18	1,974.74	1,617.29
76	76	4,606.34	4,368.14	3,437.20	3,187.00	2,927.91	2,679.64	2,329.23	1,963.79	1,606.34
77	77	4,605.39	4,367.19	3,426.25	3,176.05	2,916.96	2,668.69	2,318.28	1,952.84	1,595.39
78	78	4,604.44	4,366.24	3,415.30	3,165.10	2,906.01	2,657.74	2,307.33	1,941.89	1,584.44
79	79	4,603.49	4,365.29	3,404.35	3,154.15	2,895.06	2,646.79	2,296.38	1,930.94	1,573.49
80	80	4,602.54	4,364.34	3,393.40	3,143.20	2,884.11	2,635.84	2,285.43	1,920.09	1,562.54
81	81	4,601.59	4,363.39	3,382.45	3,132.25	2,873.16	2,624.89	2,274.48	1,909.14	1,551.59
82	82	4,600.64	4,362.44	3,371.50	3,121.30	2,862.21	2,613.94	2,263.53	1,898.19	1,540.64
83	83	4,599.69	4,361.49	3,360.55	3,110.35	2,851.26	2,602.99	2,252.58	1,887.24	1,529.69
84	84	4,598.74	4,360.54	3,349.60	3,099.40	2,840.31	2,592.04	2,241.63	1,876.29	1,518.74
85	85	4,597.79	4,359.59	3,338.65	3,088.45	2,829.36	2,581.09	2,230.68	1,865.34	1,507.79
86	86	4,596.84	4,358.64	3,327.70	3,077.50	2,818.41	2,570.14	2,219.73	1,854.39	1,496.84
87	87	4,595.89	4,357.69	3,316.75	3,066.55	2,807.46	2,559.19	2,208.78	1,843.44	1,485.89
88	88	4,594.94	4,3							



BARGE "CBC 7027"

3 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09 1/4"

10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
1	2,068.08	1,704.51	1,342.86	981.42	619.87	268.79			
1A	2,058.52	1,695.98	1,335.43	973.88	612.33	261.29			
1B	2,050.99	1,689.45	1,327.90	966.35	604.80	243.77			
2A	2,043.46	1,681.92	1,320.37	958.82	597.27	236.26			
1	2,035.93	1,674.39	1,312.84	951.29	589.74	228.76			
1A	2,028.40	1,666.86	1,305.31	943.76	582.21	221.24			
1B	2,020.87	1,659.32	1,297.77	936.23	574.68	213.73			
2A	2,013.33	1,651.79	1,290.24	928.69	567.14	206.23			
2	2,005.80	1,644.26	1,282.70	921.15	559.61	198.72			
1A	1,998.26	1,636.71	1,275.17	913.62	552.07	191.21			
1B	1,990.73	1,629.18	1,267.64	906.09	544.54	183.71			
2A	1,983.20	1,621.65	1,260.11	898.56	537.01	176.20			
3	1,975.67	1,614.12	1,252.58	891.03	529.48	168.70			
1A	1,968.14	1,606.60	1,245.05	883.50	521.95	161.19			
1B	1,960.61	1,599.08	1,237.51	875.96	514.42	153.68			
2A	1,953.07	1,591.52	1,229.98	868.43	506.88	146.17			
4	1,945.54	1,583.99	1,222.44	860.89	499.35	138.65			
1A	1,938.00	1,576.45	1,214.91	853.36	491.81	131.14			
1B	1,930.47	1,568.92	1,207.38	845.83	484.28	123.64			
2A	1,922.94	1,561.39	1,199.85	838.30	476.75	116.13			
5	1,915.41	1,553.88	1,192.32	830.77	469.22	108.62			
1A	1,907.88	1,546.33	1,184.79	823.24	461.69	101.12			
1B	1,900.35	1,538.80	1,177.26	815.71	454.16	93.65			
2A	1,892.82	1,531.27	1,169.73	808.18	446.63	86.19			
6	1,885.29	1,523.74	1,162.20	800.65	439.10	78.73			
1A	1,877.76	1,516.21	1,154.67	793.12	431.57	71.26			
1B	1,870.23	1,508.68	1,147.13	785.58	424.04	64.83			
2A	1,862.69	1,501.14	1,139.60	778.05	416.50	58.39			
7	1,855.16	1,493.61	1,132.06	770.51	408.96	51.96			
1A	1,847.62	1,486.07	1,124.52	762.98	401.43	45.52			
1B	1,840.09	1,478.54	1,116.99	755.45	393.92	40.52			
2A	1,832.56	1,471.01	1,109.46	747.92	386.42	35.52			
8	1,825.03	1,463.48	1,101.93	740.39	378.91	30.52			
1A	1,817.50	1,455.95	1,094.40	732.86	371.40	25.52			
1B	1,809.96	1,448.42	1,086.87	725.32	363.90	21.96			
2A	1,802.43	1,440.88	1,079.33	717.79	356.39	18.39			
9	1,794.89	1,433.36	1,071.80	710.25	348.89	14.83			
1A	1,787.36	1,425.81	1,064.26	702.71	341.38	11.26			
1B	1,779.83	1,418.28	1,056.73	695.18	333.87				
2A	1,772.30	1,410.75	1,049.20	687.65	326.36				
10	1,764.77	1,403.22	1,041.67	680.12	318.85				
1A	1,757.24	1,395.69	1,034.14	672.60	311.33				
1B	1,749.71	1,388.16	1,026.61	665.07	303.83				
2A	1,742.18	1,380.63	1,019.08	657.54	296.32				
11	1,734.65	1,373.10	1,011.55	650.01	288.82				
1A	1,727.12	1,365.57	1,004.02	642.48	281.31				
1B	1,719.58	1,358.04	996.49	634.94	273.80				
2A	1,712.05	1,350.50	988.95	627.40	266.30				

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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