

BARGE "CBC 131"
HULL NO. 02-2966

TANK NO. 1
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16- 10.34"

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	56.27	0	9.812.25	0	21.266.96	0	32.708.77	0	44.148.70	0	55.604.64	0	67.060.58	0	78.514.39	0	89.963.85	0	101.420.40
1/4	86.11	1/4	10.050.92	1/4	21.505.50	1/4	32.946.74	1/4	44.387.37	1/4	55.843.31	1/4	67.299.25	1/4	78.752.81	1/4	89.202.53	1/4	101.659.08
1/2	115.94	1/2	10.289.60	1/2	21.744.03	1/2	33.184.71	1/2	44.626.03	1/2	56.081.97	1/2	67.537.91	1/2	78.991.24	1/2	89.441.21	1/2	101.897.76
3/4	145.78	3/4	10.528.28	3/4	21.982.57	3/4	33.422.68	3/4	44.864.70	3/4	56.320.64	3/4	67.776.58	3/4	79.229.67	3/4	90.679.89	3/4	102.136.44
1	235.28	1	10.766.96	1	22.221.11	1	33.660.65	1	45.103.37	1	56.559.30	1	68.015.24	1	79.468.10	1	90.918.56	1	102.375.12
1/4	324.79	1/4	11.005.64	1/4	22.459.64	1/4	33.898.62	1/4	45.342.03	1/4	56.797.97	1/4	68.253.91	1/4	79.706.53	1/4	91.157.24	1/4	102.613.80
1/2	414.29	1/2	11.244.32	1/2	22.698.18	1/2	34.136.59	1/2	45.580.70	1/2	57.036.64	1/2	68.492.57	1/2	79.944.96	1/2	91.395.92	1/2	102.852.47
3/4	503.80	3/4	11.482.99	3/4	22.936.72	3/4	34.374.56	3/4	45.819.36	3/4	57.275.30	3/4	68.731.24	3/4	80.183.38	3/4	91.634.60	3/4	102.991.15
2	652.97	2	11.721.67	2	23.175.25	2	34.612.53	2	46.058.03	2	57.513.97	2	68.969.91	2	80.421.81	2	91.873.28	2	103.329.83
1/4	802.14	1/4	11.960.35	1/4	23.413.79	1/4	34.850.50	1/4	46.296.69	1/4	57.752.63	1/4	69.208.57	1/4	80.660.24	1/4	92.111.95	1/4	103.568.51
1/2	951.32	1/2	12.199.03	1/2	23.652.33	1/2	35.088.47	1/2	46.535.36	1/2	57.991.30	1/2	69.447.24	1/2	80.898.67	1/2	92.350.63	1/2	103.807.19
3/4	1,100.49	3/4	12.437.71	3/4	23.890.86	3/4	35.326.44	3/4	46.774.02	3/4	58.229.96	3/4	69.685.90	3/4	81.137.10	3/4	92.589.31	3/4	104.045.86
3	1,309.33	3	12.676.38	3	24.129.40	3	35.564.41	3	47.012.69	3	58.468.63	3	69.924.57	3	81.375.52	3	92.827.99	3	104.284.54
1/4	1,518.18	1/4	12.915.06	1/4	24.367.93	1/4	35.802.37	1/4	47.251.35	1/4	58.707.29	1/4	70.163.23	1/4	81.613.95	1/4	93.066.67	1/4	104.523.22
1/2	1,727.02	1/2	13.153.74	1/2	24.606.47	1/2	36.040.34	1/2	47.490.02	1/2	58.945.96	1/2	70.401.90	1/2	81.852.38	1/2	93.305.35	1/2	104.761.90
3/4	1,935.87	3/4	13.392.42	3/4	24.845.01	3/4	36.278.31	3/4	47.728.68	3/4	59.184.62	3/4	70.640.56	3/4	82.090.81	3/4	93.544.02	3/4	105.000.58
4	2,174.54	4	13.631.10	4	25.083.54	4	36.516.28	4	47.967.35	4	59.423.29	4	70.879.23	4	82.329.24	4	93.782.70	4	105.239.26
1/4	2,413.22	1/4	13.869.78	1/4	25.322.08	1/4	36.754.25	1/4	48.206.02	1/4	59.661.95	1/4	71.117.89	1/4	82.567.67	1/4	94.021.38	1/4	105.477.93
1/2	2,651.90	1/2	14.108.45	1/2	25.560.62	1/2	36.992.22	1/2	48.444.68	1/2	59.900.62	1/2	71.356.56	1/2	82.806.09	1/2	94.260.06	1/2	105.716.61
3/4	2,890.58	3/4	14.347.13	3/4	25.799.15	3/4	37.230.19	3/4	48.682.31	3/4	60.139.29	3/4	71.595.22	3/4	83.044.52	3/4	94.498.74	3/4	105.955.29
5	3,129.26	5	14.586.81	5	26.037.83	5	37.468.16	5	48.923.05	5	60.377.95	5	71.833.89	5	83.282.95	5	94.737.41	5	106.193.97
1/4	3,367.93	1/4	14.824.49	1/4	26.276.51	1/4	37.706.13	1/4	49.160.68	1/4	60.616.62	1/4	72.072.56	1/4	83.521.38	1/4	94.976.09	1/4	106.432.65
1/2	3,606.61	1/2	15.063.17	1/2	26.515.19	1/2	37.944.10	1/2	49.399.34	1/2	60.858.28	1/2	72.311.22	1/2	83.759.81	1/2	95.214.77	1/2	106.671.32
3/4	3,845.29	3/4	15.301.84	3/4	26.753.87	3/4	38.182.07	3/4	49.638.01	3/4	61.093.95	3/4	72.549.89	3/4	83.998.24	3/4	95.453.45	3/4	106.910.00
6	4,083.97	6	15.540.52	6	26.992.55	6	38.420.73	6	49.876.67	6	61.332.61	6	72.788.55	6	84.236.75	6	95.692.13	6	107.148.68
1/4	4,322.65	1/4	15.779.20	1/4	27.231.22	1/4	38.659.40	1/4	50.115.34	1/4	61.571.28	1/4	73.027.22	1/4	84.475.26	1/4	95.930.81	1/4	107.387.36
1/2	4,561.33	1/2	16.017.88	1/2	27.469.90	1/2	38.898.07	1/2	50.354.00	1/2	62.048.61	1/2	73.265.88	1/2	84.713.77	1/2	96.169.48	1/2	107.626.04
3/4	4,800.00	3/4	16.256.56	3/4	27.708.58	3/4	39.136.73	3/4	50.592.67	3/4	62.048.61	3/4	73.504.55	3/4	84.952.28	3/4	96.408.16	3/4	107.864.72
7	5,038.68	7	16.495.24	7	27.947.26	7	39.375.40	7	50.831.33	7	62.287.27	7	73.743.21	7	85.190.79	7	96.646.84	7	108.103.39
1/4	5,277.36	1/4	16.733.91	1/4	28.185.94	1/4	39.614.06	1/4	51.070.00	1/4	62.525.94	1/4	73.981.88	1/4	85.429.30	1/4	96.885.52	1/4	108.342.07
1/2	5,516.04	1/2	16.972.59	1/2	28.424.61	1/2	39.852.73	1/2	51.308.67	1/2	62.764.60	1/2	74.220.54	1/2	85.667.81	1/2	97.124.20	1/2	108.580.75
3/4	5,754.72	3/4	17.211.27	3/4	28.663.29	3/4	40.091.39	3/4	51.547.33	3/4	63.003.27	3/4	74.459.21	3/4	85.906.32	3/4	97.362.88	3/4	108.819.43
8	5,993.40	8	17.449.95	8	28.911.26	8	40.330.06	8	51.786.00	8	63.241.94	8	74.697.87	8	86.145.00	8	97.601.55	8	109.058.11
1/4	6,232.07	1/4	17.688.63	1/4	29.139.23	1/4	40.568.72	1/4	52.024.66	1/4	63.480.60	1/4	74.936.54	1/4	86.383.68	1/4	97.840.23	1/4	109.296.79
1/2	6,470.75	1/2	17.927.31	1/2	29.377.20	1/2	40.807.39	1/2	52.263.33	1/2	63.719.27	1/2	75.175.21	1/2	86.622.36	1/2	98.078.91	1/2	109.534.46
3/4	6,709.43	3/4	18.165.98	3/4	29.615.17	3/4	41.046.05	3/4	52.501.99	3/4	63.957.93	3/4	75.413.87	3/4	86.861.03	3/4	98.317.59	3/4	109.774.14
9	6,948.11	9	18.404.52	9	29.853.14	9	41.284.72	9	52.740.66	9	64.196.60	9	75.652.54	9	87.099.71	9	98.556.27	9	110.012.82
1/4	7,186.79	1/4	18.643.06	1/4	30.091.11	1/4	41.523.38	1/4	52.979.32	1/4	64.435.26	1/4	75.891.20	1/4	87.338.39	1/4	98.794.94	1/4	110.251.50
1/2	7,425.46	1/2	18.881.59	1/2	30.329.08	1/2	41.762.05	1/2	53.212.99	1/2	64.673.59	1/2	76.129.87	1/2	87.577.07	1/2	99.033.62	1/2	110.490.18
3/4	7,664.14	3/4	19.120.13	3/4	30.567.05	3/4	42.000.72	3/4	53.456.65	3/4	64.912.59	3/4	76.368.53	3/4	87.815.75	3/4	99.272.30	3/4	110.728.85
10	7,902.82	10	19.358.67	10	30.805.02	10	42.239.38	10	53.695.32	10	65.151.26	10	76.606.96	10	88.054.43	10	99.510.98	10	110.967.53
1/4	8,141.50	1/4	19.597.20	1/4	31.042.99	1/4	42.478.05	1/4	53.933.99	1/4	65.389.92	1/4	76.845.39	1/4	88.293.10	1/4	99.749.66	1/4	111.206.21
1/2	8,380.18	1/2	19.835.74	1/2	31.280.96	1/2	42.716.71	1/2	54.172.65	1/2	65.628.59	1/2	77.083.82	1/2	88.531.78	1/2	99.988.34	1/2	111.444.89
3/4	8,618.86	3/4	20.074.28	3/4	31.518.93	3/4	42.955.38	3/4	54.411.32	3/4	65.867.26	3/4	77.322.25	3/4	88.770.46	3/4	100.227.01	3/4	111.683.57
11	8,857.53	11	20.312.81	11	31.756.90	11	43.194.04	11	54.649.98	11	66.105.92	11	77.560.67	11	89.009.14	11	100.465.69	11	111.922.25
1/4	9,096.21	1/4	20.551.35	1/4	31.994.86	1/4	43.432.71	1/4	54.888.65	1/4	66.344.59	1/4	77.799.10	1/4	89.247.82	1/4	100.703.37	1/4	112.160.90
1/2	9,334.89	1/2	20.789.89	1/2	32.232.83	1/2	43.671.37	1/2	55.127.31	1/2	66.583.25	1/2	78.037.53	1/2	89.486.49	1/2	100.943.05	1/2	112.399.60
3/4	9,573.57	3/4	21.028.42	3/4	32.470.80	3/4	43.910.04	3/4	55.365.98	3/4	66.821.92	3/4	78.275.96	3/4	89.725.17	3/4	101.181.73	3/4	112.638.28

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
NOTE: GAUGE POINT TO TOP LIP OF 2" BALL VALVE LOCATED 0'- 9" OFF CENTERLINE AND 27'- 2" FORWARD OF AFT. BULKHEAD.
NOTE: NO TRIM CORRECTION REQUIRED DUE TO GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK.
NOTE: CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

DATE STRAPPED: 4/5/03 BY: KS-KF
DATE COMPUTED: 4/11/0

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS GAUGE HEIGHT 16" - 10 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	112,876.96	0	124,333.51	0	135,790.07	0	147,246.62	0	158,703.17	0		0		0		0		0	
1/4	113,115.64	1/4	124,572.19	1/4	136,028.74	1/4	147,485.30	1/4	158,941.85	1/4		1/4		1/4		1/4		1/4	
1/2	113,354.31	1/2	124,810.87	1/2	136,267.42	1/2	147,723.98	1/2	159,180.53	1/2		1/2		1/2		1/2		1/2	
3/4	113,592.99	3/4	125,049.55	3/4	136,506.10	3/4	147,962.65	3/4	159,419.21	3/4		3/4		3/4		3/4		3/4	
1	113,831.67	1	125,288.22	1	136,744.78	1	148,201.33	1	159,657.89	1		1		1		1		1	
1/4	114,070.35	1/4	125,526.90	1/4	136,983.46	1/4	148,440.01	1/4	159,896.56	1/4		1/4		1/4		1/4		1/4	
1/2	114,309.03	1/2	125,765.58	1/2	137,222.13	1/2	148,678.69	1/2	160,135.24	1/2		1/2		1/2		1/2		1/2	
3/4	114,547.71	3/4	126,004.26	3/4	137,460.81	3/4	148,917.37	3/4	160,373.92	3/4		3/4		3/4		3/4		3/4	
2	114,786.38	2	126,242.94	2	137,699.49	2	149,156.04	2	160,592.71	2		2		2		2		2	
1/4	115,025.06	1/4	126,481.62	1/4	137,938.17	1/4	149,394.72	1/4	160,811.50	1/4		1/4		1/4		1/4		1/4	
1/2	115,263.74	1/2	126,720.29	1/2	138,176.85	1/2	149,633.40	1/2	161,030.28	1/2		1/2		1/2		1/2		1/2	
3/4	115,502.42	3/4	126,958.97	3/4	138,415.53	3/4	149,872.08	3/4	161,249.07	3/4		3/4		3/4		3/4		3/4	
3	115,741.10	3	127,197.65	3	138,654.20	3	150,110.76	3	161,428.08	3		3		3		3		3	
1/4	115,979.77	1/4	127,436.33	1/4	138,892.88	1/4	150,349.44	1/4	161,607.09	1/4		1/4		1/4		1/4		1/4	
1/2	116,218.45	1/2	127,675.01	1/2	139,131.56	1/2	150,588.11	1/2	161,786.10	1/2		1/2		1/2		1/2		1/2	
3/4	116,457.13	3/4	127,913.68	3/4	139,370.24	3/4	150,826.79	3/4	161,965.10	3/4		3/4		3/4		3/4		3/4	
4	116,695.81	4	128,152.36	4	139,608.92	4	151,065.47	4	162,104.33	4		4		4		4		4	
1/4	116,934.49	1/4	128,391.04	1/4	139,847.59	1/4	151,304.15	1/4	162,243.56	1/4		1/4		1/4		1/4		1/4	
1/2	117,173.17	1/2	128,629.72	1/2	140,086.27	1/2	151,542.83	1/2	162,382.79	1/2		1/2		1/2		1/2		1/2	
3/4	117,411.84	3/4	128,868.40	3/4	140,324.95	3/4	151,781.50	3/4	162,522.02	3/4		3/4		3/4		3/4		3/4	
5	117,650.52	5	129,107.08	5	140,563.63	5	152,020.18	5	162,621.47	5		5		5		5		5	
1/4	117,889.20	1/4	129,345.75	1/4	140,802.31	1/4	152,258.86	1/4	162,720.92	1/4		1/4		1/4		1/4		1/4	
1/2	118,127.88	1/2	129,584.43	1/2	141,040.99	1/2	152,497.54	1/2	162,820.37	1/2		1/2		1/2		1/2		1/2	
3/4	118,366.56	3/4	129,823.11	3/4	141,279.66	3/4	152,736.22	3/4	162,919.81	3/4		3/4		3/4		3/4		3/4	
7	119,559.95	7	131,016.50	7	142,473.05	7	153,929.61	7	163,178.38	7		7		7		7		7	
1/4	119,798.63	1/4	131,255.18	1/4	142,711.73	1/4	154,168.29	1/4	163,198.27	1/4		1/4		1/4		1/4		1/4	
1/2	120,037.30	1/2	131,493.86	1/2	142,950.41	1/2	154,406.96	1/2	163,218.16	1/2		1/2		1/2		1/2		1/2	
3/4	120,275.98	3/4	131,732.54	3/4	143,189.09	3/4	154,645.64	3/4	163,238.05	3/4		3/4		3/4		3/4		3/4	
8	120,514.66	8	131,971.21	8	143,427.77	8	154,884.32	8		8		8		8		8		8	
1/4	120,753.34	1/4	132,209.89	1/4	143,666.45	1/4	155,123.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,992.02	1/2	132,448.57	1/2	143,905.12	1/2	155,361.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,230.70	3/4	132,687.25	3/4	144,143.80	3/4	155,600.36	3/4		3/4		3/4		3/4		3/4		3/4	
9	121,469.37	9	132,925.93	9	144,382.48	9	155,839.03	9		9		9		9		9		9	
1/4	121,708.05	1/4	133,164.61	1/4	144,621.16	1/4	156,077.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,946.73	1/2	133,403.28	1/2	144,859.84	1/2	156,316.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,185.41	3/4	133,641.96	3/4	145,098.52	3/4	156,555.07	3/4		3/4		3/4		3/4		3/4		3/4	
10	122,424.09	10	133,880.64	10	145,337.19	10	156,793.75	10		10		10		10		10		10	
1/4	122,662.76	1/4	134,119.32	1/4	145,575.87	1/4	157,032.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,901.44	1/2	134,358.00	1/2	145,814.55	1/2	157,271.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,140.12	3/4	134,596.67	3/4	146,053.23	3/4	157,509.78	3/4		3/4		3/4		3/4		3/4		3/4	
11	123,378.80	11	134,835.35	11	146,291.91	11	157,748.46	11		11		11		11		11		11	
1/4	123,617.48	1/4	135,074.03	1/4	146,530.58	1/4	157,987.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,856.16	1/2	135,312.71	1/2	146,769.26	1/2	158,225.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,094.83	3/4	135,551.39	3/4	147,007.94	3/4	158,464.49	3/4		3/4		3/4		3/4		3/4		3/4	

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

ITS - CALEB BRETT

DATE STRAPPED: 4/5/03 BY: KS-KF
DATE COMPUTED: 4/11/03 BY: DAR
DATE ISSUED: 4/14/03

Caleb Brett

BARGE "CBC 131"
HULL NO. 02-2966

TANK NO. 2
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11"

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.
1/4	53.66	0	8.954.35	0	19,404.71	0	29,842.16	0	40,277.73	0	50,729.30	0	61,180.88	0	71,630.32	0	82,075.43	0	92,527.62
1/4	80.88	1/4	9,172.11	1/4	19,622.32	1/4	30,059.20	1/4	40,495.47	1/4	50,947.05	1/4	61,398.62	1/4	71,847.83	1/4	82,293.18	1/4	92,745.37
1/2	108.10	1/2	9,389.86	1/2	19,839.93	1/2	30,276.25	1/2	40,713.21	1/2	51,154.79	1/2	61,616.36	1/2	72,065.33	1/2	82,510.98	1/2	92,963.13
3/4	135.32	3/4	9,607.62	3/4	20,057.54	3/4	30,493.93	3/4	40,930.95	3/4	51,382.53	3/4	61,834.11	3/4	72,282.84	3/4	82,728.99	3/4	93,180.88
1	216.97	1	9,835.37	1	20,275.15	1	30,710.34	1	41,148.69	1	51,600.27	1	62,051.85	1	72,500.34	1	82,946.44	1	93,398.64
1/4	298.63	1/4	10,043.12	1/4	20,492.77	1/4	30,927.38	1/4	41,366.43	1/4	51,818.01	1/4	62,269.59	1/4	72,717.84	1/4	83,164.20	1/4	93,611.39
1/2	380.29	1/2	10,260.88	1/2	20,710.38	1/2	31,144.43	1/2	41,584.17	1/2	52,035.75	1/2	62,487.33	1/2	72,935.35	1/2	83,381.95	1/2	93,834.14
3/4	461.95	3/4	10,478.63	3/4	21,145.60	3/4	31,561.47	3/4	41,801.92	3/4	52,253.49	3/4	62,705.07	3/4	73,152.85	3/4	83,599.71	3/4	94,051.90
1	598.04	1	10,696.39	1	21,456.60	1	31,578.52	1	42,019.66	1	52,471.23	1	62,922.81	1	73,370.36	1	83,817.46	1	94,269.65
1/4	734.14	1/4	10,914.14	1/4	21,363.22	1/4	31,795.56	1/4	42,237.40	1/4	52,688.98	1/4	63,140.55	1/4	73,587.86	1/4	84,035.21	1/4	94,487.41
1/2	870.24	1/2	11,131.89	1/2	21,580.83	1/2	32,012.61	1/2	42,455.14	1/2	52,906.72	1/2	63,358.29	1/2	73,805.36	1/2	84,252.97	1/2	94,705.16
3/4	1,006.33	3/4	11,349.65	3/4	21,798.44	3/4	32,229.65	3/4	42,672.88	3/4	53,124.46	3/4	63,576.04	3/4	74,022.87	3/4	84,470.72	3/4	94,922.91
1	1,196.87	1	11,567.40	1	22,016.05	1	32,446.70	1	42,890.62	1	53,342.20	1	63,793.78	1	74,240.37	1	84,688.48	1	95,140.67
1/4	1,387.40	1/4	11,785.16	1/4	22,233.67	1/4	32,663.74	1/4	43,108.36	1/4	53,559.94	1/4	64,011.52	1/4	74,457.88	1/4	84,906.23	1/4	95,358.48
1/2	1,577.94	1/2	12,002.91	1/2	22,451.28	1/2	32,880.79	1/2	43,326.10	1/2	53,777.68	1/2	64,229.26	1/2	74,675.38	1/2	85,123.98	1/2	95,576.18
3/4	1,768.47	3/4	12,220.66	3/4	22,668.89	3/4	33,097.84	3/4	43,543.84	3/4	53,995.42	3/4	64,447.00	3/4	74,892.88	3/4	85,341.74	3/4	95,793.93
1	1,968.23	1	12,438.42	1	22,886.50	1	33,314.88	1	43,761.59	1	54,213.16	1	64,664.74	1	75,110.39	1	85,559.49	1	96,011.68
1/4	2,203.98	1/4	12,656.17	1/4	23,104.12	1/4	33,531.93	1/4	43,979.33	1/4	54,430.90	1/4	64,882.48	1/4	75,327.89	1/4	85,777.25	1/4	96,229.44
1/2	2,421.73	1/2	12,873.93	1/2	23,321.73	1/2	33,748.97	1/2	44,197.07	1/2	54,648.65	1/2	65,100.22	1/2	75,454.40	1/2	85,995.00	1/2	96,447.19
3/4	2,639.49	3/4	13,091.68	3/4	23,539.34	3/4	33,966.02	3/4	44,414.81	3/4	54,866.39	3/4	65,317.96	3/4	75,762.90	3/4	86,212.75	3/4	96,664.95
1	2,857.24	1	13,309.43	1	23,757.09	1	34,183.06	1	44,632.55	1	55,084.13	1	65,535.71	1	75,980.40	1	86,430.51	1	96,882.70
1/4	3,075.00	1/4	13,527.19	1/4	23,974.85	1/4	34,400.11	1/4	44,850.29	1/4	55,301.87	1/4	65,753.45	1/4	76,197.91	1/4	86,648.26	1/4	97,100.45
1/2	3,292.75	1/2	13,744.94	1/2	24,192.60	1/2	34,617.15	1/2	45,066.03	1/2	55,519.61	1/2	65,971.19	1/2	76,415.41	1/2	86,866.02	1/2	97,318.21
3/4	3,510.50	3/4	13,962.70	3/4	24,410.36	3/4	34,834.20	3/4	45,285.77	3/4	55,737.35	3/4	66,188.93	3/4	76,632.92	3/4	87,083.77	3/4	97,535.96
1	3,728.26	1	14,180.45	1	24,628.11	1	35,051.94	1	45,503.52	1	55,955.09	1	66,406.67	1	76,850.50	1	87,301.52	1	97,753.72
1/4	3,946.01	1/4	14,398.20	1/4	24,845.86	1/4	35,269.68	1/4	45,721.26	1/4	56,172.83	1/4	66,624.41	1/4	77,068.09	1/4	87,519.28	1/4	98,002.24
1/2	4,163.77	1/2	14,615.96	1/2	25,063.37	1/2	35,487.42	1/2	45,939.00	1/2	56,390.58	1/2	66,842.15	1/2	77,285.68	1/2	87,737.03	1/2	98,189.22
3/4	4,381.52	3/4	14,833.71	3/4	25,281.37	3/4	35,705.16	3/4	46,156.74	3/4	56,608.32	3/4	67,059.89	3/4	77,503.26	3/4	87,954.79	3/4	98,406.98
1	4,599.27	1	15,051.47	1	25,499.13	1	35,922.90	1	46,374.48	1	56,826.06	1	67,277.64	1	77,720.85	1	88,172.54	1	98,624.73
1/4	4,817.03	1/4	15,269.22	1/4	25,716.88	1/4	36,140.64	1/4	46,592.22	1/4	57,043.80	1/4	67,513.12	1/4	77,938.44	1/4	88,390.29	1/4	98,842.49
1/2	5,034.78	1/2	15,486.97	1/2	25,934.63	1/2	36,358.39	1/2	46,809.96	1/2	57,261.54	1/2	67,713.12	1/2	78,156.02	1/2	88,608.05	1/2	99,060.24
3/4	5,252.54	3/4	15,704.73	3/4	26,152.39	3/4	36,576.13	3/4	47,027.70	3/4	57,479.28	3/4	67,930.86	3/4	78,373.61	3/4	88,825.80	3/4	99,277.99
1	5,470.29	1	15,922.48	1	26,369.43	1	36,793.87	1	47,245.45	1	57,697.02	1	68,148.60	1	78,591.36	1	89,043.56	1	99,495.75
1/4	5,688.04	1/4	16,140.24	1/4	26,586.48	1/4	37,011.61	1/4	47,463.19	1/4	57,914.76	1/4	68,366.34	1/4	78,809.12	1/4	89,261.31	1/4	99,713.50
1/2	5,905.80	1/2	16,357.99	1/2	26,803.52	1/2	37,229.35	1/2	47,680.93	1/2	58,132.51	1/2	68,584.08	1/2	79,026.87	1/2	89,479.06	1/2	99,931.26
3/4	6,123.55	3/4	16,575.74	3/4	27,020.57	3/4	37,447.09	3/4	47,898.67	3/4	58,350.25	3/4	68,801.82	3/4	79,244.63	3/4	89,696.82	3/4	100,149.01
1	6,341.31	1	16,793.36	1	27,237.61	1	37,664.83	1	48,116.41	1	58,567.99	1	69,019.57	1	79,462.38	1	89,914.57	1	100,366.76
1/4	6,559.06	1/4	17,010.97	1/4	27,454.66	1/4	37,882.57	1/4	48,334.15	1/4	58,785.73	1/4	69,237.31	1/4	79,680.13	1/4	89,237.31	1/4	100,584.52
1/2	6,776.81	1/2	17,228.58	1/2	27,671.71	1/2	38,100.31	1/2	48,511.89	1/2	59,003.47	1/2	69,455.05	1/2	79,897.89	1/2	89,479.06	1/2	100,802.27
3/4	6,994.57	3/4	17,446.19	3/4	27,888.75	3/4	38,318.06	3/4	48,769.63	3/4	59,221.21	3/4	69,672.79	3/4	80,115.64	3/4	90,567.83	3/4	101,020.03
1	7,212.32	1	17,663.81	1	28,105.80	1	38,535.80	1	48,987.37	1	59,438.95	1	69,880.29	1	80,333.40	1	90,785.59	1	101,237.78
1/4	7,430.08	1/4	17,881.42	1/4	28,322.84	1/4	38,753.54	1/4	49,205.12	1/4	59,656.64	1/4	70,137.80	1/4	80,551.15	1/4	91,003.34	1/4	101,455.53
1/2	7,647.83	1/2	18,099.03	1/2	28,539.93	1/2	38,971.28	1/2	49,422.88	1/2	59,874.43	1/2	70,325.30	1/2	80,768.90	1/2	91,221.10	1/2	101,673.29
3/4	7,865.58	3/4	18,316.64	3/4	28,756.93	3/4	39,189.02	3/4	49,640.60	3/4	60,092.18	3/4	70,542.80	3/4	80,986.66	3/4	91,438.85	3/4	101,891.04
1	8,083.34	1	18,534.26	1	28,973.98	1	39,406.76	1	49,858.34	1	60,309.92	1	70,760.31	1	81,204.41	1	91,656.60	1	102,106.80
1/4	8,301.09	1/4	18,751.87	1/4	29,191.02	1/4	39,624.50	1/4	50,076.08	1/4	60,527.66	1/4	70,977.81	1/4	81,422.17	1/4	91,874.36	1/4	102,326.55
1/2	8,518.85	1/2	18,969.48	1/2	29,408.07	1/2	39,842.24	1/2	50,293.82	1/2	60,745.40	1/2	71,195.32	1/2	81,639.92	1/2	92,092.11	1/2	102,544.30
3/4	8,736.60	3/4	19,187.09	3/4	29,625.11	3/4	40,059.99	3/4	50,511.56	3/4	60,963.14	3/4	71,412.82	3/4	81,857.67	3/4	92,309.87	3/4	102,762.06

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TTS - CALEB BRETT

Caleb Brett

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH HPMS CHAPTER 2.7
NOTE: GAUGE POINT TO TOP UP OF 2" BALL VALVE LOCATED 0'-9" OFF CENTERLINE AND 27'-2" FORWARD OF AFT. BULKHEAD.
NOTE: NO TRIM CORRECTION REQUIRED DUE TO GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK.
NOTE: CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

DATE STRAPPED: 4/

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11"

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	102,979.81	0	113,432.00	0	123,884.20	0	134,336.39	0	144,788.58	0	155,240.77	0	165,692.96	0	176,145.15	0	186,597.34	0	197,049.53
1/4	103,197.57	1/4	113,649.76	1/4	124,101.95	1/4	134,554.14	1/4	145,006.33	1/4	155,458.52	1/4	165,910.71	1/4	176,362.90	1/4	186,815.09	1/4	197,267.28
1/2	103,415.32	1/2	113,867.51	1/2	124,319.70	1/2	134,771.90	1/2	145,224.09	1/2	155,676.28	1/2	166,128.47	1/2	176,580.66	1/2	187,032.85	1/2	197,485.04
3/4	103,633.07	3/4	114,085.27	3/4	124,537.46	3/4	134,989.65	3/4	145,441.84	3/4	155,894.03	3/4	166,346.22	3/4	176,798.41	3/4	187,250.60	3/4	197,702.79
1	103,850.83	1	114,303.02	1	124,755.21	1	135,207.40	1	145,659.59	1	156,111.78	1	166,563.97	1	177,016.16	1	187,468.35	1	197,920.54
1/4	104,068.58	1/4	114,520.77	1/4	124,972.97	1/4	135,425.16	1/4	145,877.35	1/4	156,329.54	1/4	166,781.73	1/4	177,233.92	1/4	187,686.11	1/4	198,138.30
1/2	104,286.34	1/2	114,738.53	1/2	125,190.72	1/2	135,642.91	1/2	146,095.10	1/2	156,547.29	1/2	167,000.48	1/2	177,452.67	1/2	187,904.86	1/2	198,357.05
3/4	104,504.09	3/4	114,956.28	3/4	125,408.47	3/4	135,860.67	3/4	146,312.86	3/4	156,765.05	3/4	167,217.24	3/4	177,670.43	3/4	188,122.62	3/4	198,574.81
2	104,721.84	2	115,174.04	2	125,626.23	2	136,078.42	2	146,512.46	2	156,956.50	2	167,399.69	2	177,842.88	2	188,286.07	2	198,729.26
1/4	104,939.60	1/4	115,391.79	1/4	125,843.98	1/4	136,296.17	1/4	146,712.07	1/4	157,127.07	1/4	167,541.06	1/4	177,955.05	1/4	188,369.04	1/4	198,783.03
1/2	105,157.35	1/2	115,609.54	1/2	126,061.74	1/2	136,513.93	1/2	146,911.68	1/2	157,309.43	1/2	167,707.18	1/2	178,104.93	1/2	188,502.68	1/2	198,900.43
3/4	105,375.11	3/4	115,827.30	3/4	126,279.49	3/4	136,731.68	3/4	147,111.29	3/4	157,490.89	3/4	167,869.49	3/4	178,248.09	3/4	188,626.68	3/4	199,005.28
3	105,592.86	3	116,045.05	3	126,497.24	3	136,949.44	3	147,274.60	3	157,649.76	3	168,019.12	3	178,388.48	3	188,757.84	3	199,127.20
1/4	105,810.61	1/4	116,262.81	1/4	126,715.00	1/4	137,167.19	1/4	147,437.92	1/4	157,708.65	1/4	168,079.38	1/4	178,449.11	1/4	188,818.84	1/4	199,188.57
1/2	106,028.37	1/2	116,480.56	1/2	126,932.75	1/2	137,384.94	1/2	147,601.23	1/2	157,861.52	1/2	168,221.81	1/2	178,582.10	1/2	188,942.39	1/2	199,307.68
3/4	106,246.12	3/4	116,698.31	3/4	127,150.51	3/4	137,602.70	3/4	147,764.55	3/4	157,926.40	3/4	168,288.25	3/4	178,649.10	3/4	189,009.95	3/4	199,370.80
4	106,463.88	4	116,916.07	4	127,368.26	4	137,820.45	4	147,891.57	4	158,152.69	4	168,413.83	4	178,674.97	4	188,936.11	4	199,197.25
1/4	106,681.63	1/4	117,133.82	1/4	127,586.01	1/4	138,038.21	1/4	148,018.59	1/4	158,145.62	1/4	168,272.76	1/4	178,399.90	1/4	188,527.04	1/4	198,654.18
1/2	106,899.38	1/2	117,351.58	1/2	127,803.77	1/2	138,255.96	1/2	148,145.62	1/2	158,235.20	1/2	168,324.84	1/2	178,414.48	1/2	188,504.12	1/2	198,732.76
3/4	107,117.14	3/4	117,569.33	3/4	128,021.52	3/4	138,437.71	3/4	148,227.64	3/4	158,317.08	3/4	168,406.52	3/4	178,495.96	3/4	188,585.40	3/4	198,674.84
5	107,334.89	5	117,787.08	5	128,239.28	5	138,691.47	5	148,363.37	5	158,635.27	5	168,907.17	5	179,179.07	5	189,450.97	5	199,722.87
1/4	107,552.65	1/4	118,004.84	1/4	128,457.03	1/4	138,909.22	1/4	148,454.10	1/4	158,700.99	1/4	168,947.88	1/4	179,194.77	1/4	189,441.66	1/4	199,688.55
1/2	107,770.40	1/2	118,222.59	1/2	128,674.78	1/2	139,126.98	1/2	148,544.83	1/2	158,791.72	1/2	169,038.56	1/2	179,285.40	1/2	189,532.24	1/2	199,779.08
3/4	107,988.15	3/4	118,440.35	3/4	128,892.54	3/4	139,344.73	3/4	148,635.56	3/4	158,826.40	3/4	169,073.24	3/4	179,319.08	3/4	189,565.92	3/4	199,814.92
6	108,205.91	6	118,658.10	6	129,110.29	6	139,562.48	6	148,990.00	6	159,217.52	6	169,445.04	6	179,670.56	6	189,895.08	6	199,940.60
1/4	108,423.66	1/4	118,875.85	1/4	129,328.05	1/4	139,780.24	1/4	148,744.44	1/4	158,968.88	1/4	169,193.32	1/4	179,417.76	1/4	189,642.20	1/4	199,866.64
1/2	108,641.42	1/2	119,093.61	1/2	129,545.80	1/2	139,997.99	1/2	148,998.88	1/2	159,223.32	1/2	169,447.68	1/2	179,671.12	1/2	189,895.56	1/2	199,940.00
3/4	108,859.17	3/4	119,311.36	3/4	129,763.55	3/4	140,215.75	3/4	148,853.31	3/4	159,077.75	3/4	169,299.75	3/4	179,521.75	3/4	189,743.75	3/4	199,964.00
7	109,076.92	7	119,529.12	7	129,981.31	7	140,433.50	7	148,871.46	7	159,095.42	7	169,317.42	7	179,539.42	7	189,761.42	7	199,983.42
1/4	109,294.68	1/4	119,746.87	1/4	130,199.06	1/4	140,651.25	1/4	148,889.61	1/4	159,113.57	1/4	169,335.57	1/4	179,557.57	1/4	189,779.57	1/4	199,940.00
1/2	109,512.43	1/2	119,964.62	1/2	130,416.82	1/2	140,869.01	1/2	148,907.75	1/2	159,131.79	1/2	169,353.79	1/2	179,575.79	1/2	189,797.79	1/2	199,940.00
3/4	109,730.19	3/4	120,182.38	3/4	130,634.57	3/4	141,086.76	3/4	148,925.90	3/4	159,145.03	3/4	169,365.03	3/4	179,585.03	3/4	189,807.03	3/4	199,940.00
8	109,947.94	8	120,400.13	8	130,852.32	8	141,304.52	8	148,944.44	8	159,163.28	8	169,379.28	8	179,599.28	8	189,821.28	8	199,940.00
1/4	110,165.69	1/4	120,617.89	1/4	131,070.08	1/4	141,522.27	1/4	148,962.36	1/4	159,181.12	1/4	169,393.12	1/4	179,615.12	1/4	189,837.12	1/4	199,940.00
1/2	110,383.45	1/2	120,835.64	1/2	131,287.83	1/2	141,740.02	1/2	148,980.91	1/2	159,200.06	1/2	169,412.06	1/2	179,637.06	1/2	189,855.06	1/2	199,940.00
3/4	110,601.20	3/4	121,053.39	3/4	131,505.59	3/4	141,957.78	3/4	149,000.10	3/4	159,219.21	3/4	169,427.21	3/4	179,653.21	3/4	189,873.21	3/4	199,940.00
9	110,818.96	9	121,271.15	9	131,723.34	9	142,175.53	9	149,017.52	9	159,231.22	9	169,439.22	9	179,669.22	9	189,891.22	9	199,940.00
1/4	111,036.71	1/4	121,488.90	1/4	131,941.09	1/4	142,393.29	1/4	149,035.51	1/4	159,243.23	1/4	169,451.23	1/4	179,685.23	1/4	189,907.23	1/4	199,940.00
1/2	111,254.46	1/2	121,706.66	1/2	132,158.85	1/2	142,605.48	1/2	149,053.53	1/2	159,255.28	1/2	169,463.28	1/2	179,701.28	1/2	189,923.28	1/2	199,940.00
3/4	111,472.22	3/4	121,924.41	3/4	132,376.60	3/4	142,828.79	3/4	149,071.58	3/4	159,267.33	3/4	169,475.33	3/4	179,717.33	3/4	189,939.33	3/4	199,940.00
10	111,689.97	10	122,142.16	10	132,594.36	10	143,046.55	10	149,089.63	10	159,279.38	10	169,487.38	10	179,733.38	10	189,955.38	10	199,940.00
1/4	111,907.73	1/4	122,359.92	1/4	132,812.11	1/4	143,264.30	1/4	149,107.68	1/4	159,291.43	1/4	169,500.43	1/4	179,749.43	1/4	189,971.43	1/4	199,940.00
1/2	112,125.48	1/2	122,577.67	1/2	133,029.86	1/2	143,482.06	1/2	149,125.73	1/2	159,303.48	1/2	169,512.48	1/2	179,765.48	1/2	189,987.48	1/2	199,940.00
3/4	112,343.23	3/4	122,795.43	3/4	133,247.62	3/4	143,699.81	3/4	149,143.78	3/4	159,315.53	3/4	169,524.53	3/4	179,781.53	3/4	189,940.00	3/4	199,940.00
11	112,560.99	11	123,013.18	11	133,465.37	11	143,917.56	11	149,161.83	11	159,327.58	11	169,536.58	11	179,797.58	11	189,940.00	11	199,940.00
1/4	112,778.74	1/4	123,230.93	1/4	133,683.13	1/4	144,135.32	1/4	149,179.88	1/4	159,339.63	1/4	169,548.63	1/4	179,813.63	1/4	189,940.00	1/4	199,940.00
1/2	112,996.50	1/2	123,448.69	1/2	133,900.88	1/2	144,353.07	1/2	149,197.93	1/2	159,351.68	1/2	169,560.68	1/2	179,829.68	1/2	189,940.00	1/2	199,940.00
3/4	113,214.25	3/4																	

BARGE "CBC 131"
HULL NO. 02-2966

TANK NO. 3
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	53.52	0	8,907.57	0	19,303.16	0	29,697.89	0	40,095.31	0	50,492.74	0	60,890.16	0	71,286.29	0	81,679.89	0	92,077.32
1/4	80.59	1/4	9,124.19	1/4	19,519.63	1/4	29,914.50	1/4	40,311.93	1/4	50,709.35	1/4	61,106.77	1/4	71,502.75	1/4	81,896.51	1/4	92,293.93
1/2	107.67	1/2	9,340.80	1/2	19,736.10	1/2	30,131.12	1/2	40,528.54	1/2	50,925.96	1/2	61,323.39	1/2	71,719.22	1/2	82,113.12	1/2	92,510.54
3/4	134.74	3/4	9,557.41	3/4	19,952.57	3/4	30,347.73	3/4	40,745.16	3/4	51,142.58	3/4	61,540.00	3/4	71,935.69	3/4	82,329.73	3/4	92,727.16
1	215.97	1	9,774.02	1	20,169.04	1	30,564.34	1	40,961.75	1	51,359.19	1	61,756.61	1	72,152.16	1	82,546.35	1	92,943.77
1/4	297.20	1/4	9,990.64	1/4	20,385.51	1/4	30,780.95	1/4	41,178.38	1/4	51,575.80	1/4	61,973.23	1/4	72,368.63	1/4	82,762.96	1/4	93,160.38
1/2	378.43	1/2	10,207.25	1/2	20,601.98	1/2	30,997.57	1/2	41,394.99	1/2	51,792.41	1/2	62,189.84	1/2	72,585.10	1/2	82,979.57	1/2	93,377.00
3/4	459.66	3/4	10,423.86	3/4	20,818.46	3/4	31,214.18	3/4	41,611.60	3/4	52,009.03	3/4	62,406.45	3/4	72,801.57	3/4	83,196.18	3/4	93,593.61
2	596.05	2	10,640.48	2	21,034.93	2	31,430.79	2	41,828.22	2	52,225.64	2	62,623.06	2	73,018.03	2	83,412.80	2	93,810.22
1/4	730.43	1/4	10,857.09	1/4	21,251.40	1/4	31,647.79	1/4	42,044.83	1/4	52,442.25	1/4	62,839.68	1/4	73,234.50	1/4	83,629.41	1/4	94,026.83
1/2	865.81	1/2	11,073.70	1/2	21,467.87	1/2	31,864.02	1/2	42,261.44	1/2	52,658.87	1/2	63,056.29	1/2	73,450.97	1/2	83,846.02	1/2	94,243.45
3/4	1,001.20	3/4	11,290.32	3/4	21,684.34	3/4	32,080.63	3/4	42,478.06	3/4	52,875.48	3/4	63,272.90	3/4	73,667.44	3/4	84,062.64	3/4	94,460.06
3	1,190.73	3	11,506.93	3	21,900.81	3	32,297.25	3	42,694.67	3	53,092.09	3	63,489.52	3	73,883.91	3	84,279.25	3	94,676.67
1/4	1,380.27	1/4	11,723.54	1/4	22,117.28	1/4	32,513.86	1/4	42,911.28	1/4	53,308.71	1/4	63,706.13	1/4	74,100.38	1/4	84,495.86	1/4	94,893.29
1/2	1,569.81	1/2	11,940.15	1/2	22,333.75	1/2	32,730.47	1/2	43,127.89	1/2	53,525.32	1/2	63,922.74	1/2	74,316.85	1/2	84,712.48	1/2	95,109.90
3/4	1,759.34	3/4	12,156.77	3/4	22,550.23	3/4	32,947.08	3/4	43,344.51	3/4	53,741.93	3/4	64,139.36	3/4	74,533.31	3/4	84,929.09	3/4	95,326.51
4	1,975.96	4	12,373.38	4	22,766.70	4	33,163.70	4	43,561.12	4	53,958.54	4	64,355.97	4	74,749.78	4	85,145.70	4	95,543.13
1/4	2,192.57	1/4	12,589.99	1/4	22,983.17	1/4	33,380.31	1/4	43,777.73	1/4	54,175.16	1/4	64,572.58	1/4	74,966.25	1/4	85,362.31	1/4	95,759.74
1/2	2,409.18	1/2	12,806.61	1/2	23,199.64	1/2	33,596.92	1/2	43,994.35	1/2	54,391.77	1/2	64,789.19	1/2	75,182.72	1/2	85,578.93	1/2	95,976.35
3/4	2,625.80	3/4	13,023.22	3/4	23,416.11	3/4	33,813.54	3/4	44,210.96	3/4	54,608.38	3/4	65,005.81	3/4	75,399.19	3/4	85,795.54	3/4	96,192.96
5	2,842.41	5	13,239.83	5	23,632.72	5	34,030.15	5	44,427.57	5	54,825.00	5	65,222.42	5	75,615.66	5	86,012.15	5	96,409.58
1/4	3,059.02	1/4	13,456.45	1/4	23,849.34	1/4	34,246.76	1/4	44,644.19	1/4	55,041.61	1/4	65,439.03	1/4	75,833.13	1/4	86,228.77	1/4	96,626.10
1/2	3,275.63	1/2	13,673.06	1/2	24,065.95	1/2	34,463.38	1/2	44,860.80	1/2	55,258.22	1/2	65,655.65	1/2	76,048.59	1/2	86,445.38	1/2	96,842.80
3/4	3,492.25	3/4	13,889.67	3/4	24,282.56	3/4	34,679.99	3/4	45,077.41	3/4	55,474.84	3/4	65,872.26	3/4	76,265.06	3/4	86,661.99	3/4	97,059.42
6	3,708.86	6	14,106.28	6	24,499.18	6	34,896.66	6	45,294.02	6	55,691.45	6	66,088.87	6	76,481.61	6	86,878.61	6	97,276.03
1/4	3,925.49	1/4	14,322.99	1/4	24,715.79	1/4	35,113.21	1/4	45,510.64	1/4	55,908.06	1/4	66,305.49	1/4	76,698.17	1/4	87,095.52	1/4	97,492.64
1/2	4,142.09	1/2	14,539.51	1/2	24,932.40	1/2	35,329.83	1/2	45,727.25	1/2	56,124.67	1/2	66,522.10	1/2	76,914.72	1/2	87,311.83	1/2	97,709.26
3/4	4,358.70	3/4	14,756.12	3/4	25,149.02	3/4	35,546.44	3/4	45,913.86	3/4	56,341.29	3/4	66,738.71	3/4	77,131.27	3/4	87,528.44	3/4	97,925.87
7	4,575.31	7	14,972.74	7	25,365.63	7	35,763.05	7	46,160.48	7	56,557.90	7	66,955.32	7	77,347.82	7	87,745.06	7	98,142.48
1/4	4,791.93	1/4	15,189.35	1/4	25,582.24	1/4	35,979.67	1/4	46,377.09	1/4	56,774.51	1/4	67,171.94	1/4	77,564.37	1/4	87,961.67	1/4	98,359.09
1/2	5,008.54	1/2	15,405.96	1/2	25,798.85	1/2	36,196.28	1/2	46,593.70	1/2	56,991.13	1/2	67,388.55	1/2	77,780.92	1/2	88,178.28	1/2	98,575.71
3/4	5,225.15	3/4	15,622.58	3/4	26,015.47	3/4	36,412.89	3/4	46,810.32	3/4	57,207.74	3/4	67,605.16	3/4	77,997.47	3/4	88,394.90	3/4	98,792.32
8	5,441.76	8	15,839.19	8	26,232.08	8	36,629.50	8	47,026.93	8	57,424.35	8	67,821.78	8	78,214.09	8	88,611.51	8	99,008.93
1/4	5,658.38	1/4	16,055.80	1/4	26,448.69	1/4	36,846.12	1/4	47,243.54	1/4	57,640.97	1/4	68,038.39	1/4	78,430.70	1/4	88,828.19	1/4	99,225.55
1/2	5,874.99	1/2	16,272.41	1/2	26,665.31	1/2	37,062.73	1/2	47,460.15	1/2	57,857.58	1/2	68,255.00	1/2	78,647.31	1/2	89,044.74	1/2	99,442.16
3/4	6,091.60	3/4	16,489.03	3/4	26,881.92	3/4	37,279.34	3/4	47,676.77	3/4	58,074.19	3/4	68,471.62	3/4	78,853.92	3/4	89,261.35	3/4	99,658.77
9	6,308.22	9	16,705.50	9	27,098.53	9	37,493.38	9	47,893.38	9	58,290.80	9	68,688.23	9	79,080.54	9	89,477.96	9	99,875.39
1/4	6,524.83	1/4	16,921.97	1/4	27,315.15	1/4	37,712.57	1/4	48,109.99	1/4	58,507.42	1/4	68,904.84	1/4	79,297.15	1/4	89,694.57	1/4	99,992.00
1/2	6,741.44	1/2	17,138.44	1/2	27,531.76	1/2	37,929.18	1/2	48,326.61	1/2	58,900.64	1/2	69,121.45	1/2	79,513.76	1/2	89,911.19	1/2	100,308.61
3/4	6,958.06	3/4	17,354.91	3/4	27,748.37	3/4	38,145.80	3/4	48,543.22	3/4	59,240.33	3/4	69,338.07	3/4	79,730.38	3/4	90,127.80	3/4	100,525.22
10	7,174.67	10	17,571.38	10	27,964.99	10	38,362.41	10	48,759.83	10	59,157.26	10	69,554.54	10	79,946.99	10	90,344.41	10	100,741.84
1/4	7,391.28	1/4	17,787.86	1/4	28,181.60	1/4	38,579.02	1/4	48,976.45	1/4	59,373.87	1/4	69,771.01	1/4	80,163.60	1/4	90,561.03	1/4	100,958.45
1/2	7,607.89	1/2	18,004.33	1/2	28,398.21	1/2	38,795.65	1/2	49,193.06	1/2	59,590.48	1/2	69,987.47	1/2	80,380.22	1/2	90,777.64	1/2	101,175.06
3/4	7,824.51	3/4	18,220.80	3/4	28,614.82	3/4	39,012.25	3/4	49,409.67	3/4	59,807.10	3/4	70,203.94	3/4	80,596.83	3/4	90,994.25	3/4	101,391.68
11	8,041.12	11	18,437.27	11	28,831.44	11	39,228.86	11	49,626.28	11	60,023.71	11	70,420.41	11	80,813.44	11	91,210.87	11	101,608.29
1/4	8,257.73	1/4	18,653.74	1/4	29,048.05	1/4	39,445.47	1/4	49,842.90	1/4	60,240.32	1/4	70,636.88	1/4	81,030.05	1/4	91,421.48	1/4	101,824.90
1/2	8,474.35	1/2	18,870.21	1/2	29,264.66	1/2	39,662.09	1/2	50,059.51	1/2	60,456.93	1/2	70,853.35	1/2	81,246.67	1/2	91,644.09	1/2	102,041.52
3/4	8,690.96	3/4	19,086.68	3/4	29,481.28	3/4	39,878.70	3/4	50,276.12	3/4	60,673.55	3/4	71,059.82	3/4	81,463.28	3/4	91,860.70	3/4	102,258.13

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
NOTE: GAUGE POINT TO TOP UP OF 2" BALL VALVE LOCATED 0'-9" OFF CENTERLINE AND 27'-0" FORWARD OF AFL. BULKHEAD.
NOTE: NO TRIM CORRECTION REQUIRED DUE TO GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK.
NOTE: CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

DATE STRAPPED: 4/5/03 BY: KS-KF
DATE COMPUTED: 4/11/03 BY: DAR
DATE ISSUED: 4/14/03

BARGE "CBC 131"
HULL NO. 02-2966

TANK NO. 3
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 1/2"

IN	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		
	IN	IN																			
0	102,474.74	0	112,872.17	0	123,269.59	0	133,667.01	0	144,064.44	0	154,461.87	0	164,859.29	0	175,256.72	0	185,654.15	0	196,051.58	0	
1/4	102,691.35	1/4	113,088.78	1/4	123,486.20	1/4	133,883.63	1/4	144,281.05	1/4	154,678.48	1/4	165,075.91	1/4	175,473.34	1/4	185,870.77	1/4	196,268.20	1/4	206,665.63
1/2	102,907.97	1/2	113,305.39	1/2	123,702.82	1/2	134,100.24	1/2	144,497.66	1/2	154,895.09	1/2	165,292.52	1/2	175,689.95	1/2	186,087.38	1/2	196,484.81	1/2	206,882.24
3/4	103,124.58	3/4	113,522.00	3/4	123,919.43	3/4	134,316.85	3/4	144,714.28	3/4	155,111.71	3/4	165,509.14	3/4	175,906.57	3/4	186,303.99	3/4	196,701.42	3/4	207,098.85
1	103,341.19	1	113,738.62	1	124,136.04	1	134,533.47	1	144,930.89	1	155,328.32	1	165,725.75	1	176,123.18	1	186,520.61	1	196,918.04	1	207,315.47
1/4	103,557.81	1/4	113,955.23	1/4	124,352.65	1/4	134,750.08	1/4	145,147.50	1/4	155,544.93	1/4	165,942.36	1/4	176,339.79	1/4	186,737.22	1/4	197,134.65	1/4	207,532.08
1/2	103,774.42	1/2	114,171.84	1/2	124,569.27	1/2	134,966.69	1/2	145,364.12	1/2	155,761.55	1/2	166,158.98	1/2	176,556.41	1/2	186,953.84	1/2	197,351.27	1/2	207,748.70
3/4	103,991.03	3/4	114,388.46	3/4	124,785.88	3/4	135,183.30	3/4	145,580.73	3/4	155,978.16	3/4	166,375.59	3/4	176,773.02	3/4	187,170.45	3/4	197,567.88	3/4	207,965.31
2	104,207.65	2	114,605.07	2	125,002.49	2	135,399.92	2	145,797.29	2	156,194.72	2	166,592.15	2	176,989.58	2	187,387.01	2	197,784.44	2	208,181.87
1/4	104,424.26	1/4	114,821.68	1/4	125,219.11	1/4	135,616.53	1/4	145,977.85	1/4	156,379.28	1/4	166,776.71	1/4	177,174.14	1/4	187,571.57	1/4	197,969.00	1/4	208,376.43
1/2	104,640.87	1/2	115,038.30	1/2	125,435.72	1/2	135,833.14	1/2	146,176.41	1/2	156,623.80	1/2	167,021.49	1/2	177,418.18	1/2	187,814.87	1/2	198,211.56	1/2	208,609.15
3/4	104,857.48	3/4	115,254.91	3/4	125,652.33	3/4	136,049.76	3/4	146,374.97	3/4	156,849.20	3/4	167,269.63	3/4	177,666.32	3/4	188,063.01	3/4	198,459.60	3/4	209,000.00
3	105,074.11	3	115,471.52	3	125,868.95	3	136,266.37	3	146,537.43	3	156,999.86	3	167,465.29	3	177,893.15	3	188,321.01	3	198,748.87	3	209,175.73
1/4	105,290.71	1/4	115,688.13	1/4	126,085.56	1/4	136,482.98	1/4	146,699.89	1/4	157,117.80	1/4	167,535.76	1/4	177,963.62	1/4	188,391.48	1/4	198,819.34	1/4	209,243.20
1/2	105,507.32	1/2	115,904.75	1/2	126,302.17	1/2	136,699.60	1/2	146,862.35	1/2	157,280.20	1/2	167,718.06	1/2	178,145.92	1/2	188,573.78	1/2	199,001.64	1/2	209,427.06
3/4	105,723.94	3/4	116,121.36	3/4	126,518.78	3/4	136,916.21	3/4	147,024.81	3/4	157,332.41	3/4	167,840.26	3/4	178,257.71	3/4	188,682.16	3/4	199,100.01	3/4	209,600.41
4	105,940.55	4	116,337.97	4	126,735.40	4	137,132.82	4	147,151.17	4	157,369.52	4	167,587.37	4	177,815.22	4	188,243.07	4	198,670.82	4	209,775.67
1/4	106,157.16	1/4	116,554.59	1/4	126,952.01	1/4	137,349.43	1/4	147,277.53	1/4	157,495.04	1/4	167,712.55	1/4	178,030.06	1/4	188,447.57	1/4	198,865.08	1/4	209,900.58
1/2	106,373.78	1/2	116,771.20	1/2	127,168.62	1/2	137,566.05	1/2	147,403.88	1/2	157,631.71	1/2	167,848.64	1/2	178,276.49	1/2	188,694.20	1/2	199,121.75	1/2	210,025.99
3/4	106,590.39	3/4	116,987.81	3/4	127,385.24	3/4	137,782.66	3/4	147,520.24	3/4	157,957.87	3/4	168,175.48	3/4	178,403.09	3/4	188,820.70	3/4	199,248.31	3/4	210,243.60
5	106,807.00	5	117,204.43	5	127,601.85	5	137,999.27	5	147,620.50	5	158,040.73	5	168,260.96	5	178,481.19	5	188,701.62	5	198,922.05	5	210,464.03
1/4	107,023.61	1/4	117,421.04	1/4	127,818.46	1/4	138,215.89	1/4	147,710.75	1/4	158,161.58	1/4	168,382.01	1/4	178,602.44	1/4	188,822.87	1/4	199,043.30	1/4	210,684.46
1/2	107,240.23	1/2	117,637.65	1/2	128,035.08	1/2	138,432.50	1/2	147,801.01	1/2	158,272.80	1/2	168,493.23	1/2	178,723.66	1/2	188,944.09	1/2	199,163.73	1/2	210,904.89
3/4	107,456.84	3/4	117,854.26	3/4	128,251.69	3/4	138,649.11	3/4	147,891.26	3/4	158,384.01	3/4	168,584.44	3/4	178,835.87	3/4	189,055.30	3/4	199,284.16	3/4	211,125.32
6	107,673.45	6	118,070.88	6	128,468.30	6	138,865.73	6	147,945.41	6	158,439.61	6	168,638.84	6	178,917.27	6	189,134.70	6	199,348.59	6	211,345.75
1/4	107,890.07	1/4	118,287.49	1/4	128,684.91	1/4	139,082.34	1/4	147,999.57	1/4	158,513.81	1/4	168,731.24	1/4	179,064.67	1/4	189,250.10	1/4	199,412.98	1/4	211,566.20
1/2	108,106.68	1/2	118,504.10	1/2	128,901.53	1/2	139,298.95	1/2	148,053.72	1/2	158,625.24	1/2	168,847.67	1/2	179,179.10	1/2	189,364.53	1/2	199,477.46	1/2	211,786.63
3/4	108,323.29	3/4	118,720.72	3/4	129,118.14	3/4	139,515.56	3/4	148,107.87	3/4	158,751.45	3/4	169,061.30	3/4	179,303.02	3/4	189,478.85	3/4	199,541.94	3/4	212,007.08
7	108,539.91	7	118,937.33	7	129,334.75	7	139,732.18	7	148,125.93	7	158,811.77	7	169,135.19	7	179,386.51	7	189,542.93	7	199,606.42	7	212,227.53
1/4	108,756.52	1/4	119,153.94	1/4	129,551.37	1/4	139,948.79	1/4	148,143.98	1/4	158,896.20	1/4	169,209.61	1/4	179,419.93	1/4	189,600.35	1/4	199,670.87	1/4	212,447.98
1/2	108,973.13	1/2	119,370.56	1/2	129,767.98	1/2	140,165.40	1/2	148,162.03	1/2	158,918.62	1/2	169,282.03	1/2	179,474.35	1/2	189,659.77	1/2	199,735.39	1/2	212,668.43
3/4	109,189.74	3/4	119,587.17	3/4	129,984.59	3/4	140,382.02	3/4	148,180.08	3/4	159,040.04	3/4	169,356.44	3/4	179,549.68	3/4	189,735.21	3/4	199,800.91	3/4	212,888.88
8	109,406.36	8	119,803.78	8	130,201.21	8	140,598.63	8	148,198.13	8	159,116.67	8	169,432.86	8	179,628.12	8	189,813.55	8	199,866.44	8	213,109.33
1/4	109,622.97	1/4	120,020.39	1/4	130,417.82	1/4	140,815.24	1/4	148,216.18	1/4	159,204.10	1/4	169,508.29	1/4	179,707.46	1/4	189,898.89	1/4	199,930.96	1/4	213,329.78
1/2	109,839.58	1/2	120,237.01	1/2	130,634.43	1/2	141,031.86	1/2	148,234.23	1/2	159,293.02	1/2	169,591.21	1/2	179,796.73	1/2	189,988.11	1/2	199,995.43	1/2	213,550.23
3/4	110,056.20	3/4	120,453.62	3/4	130,851.04	3/4	141,248.47	3/4	148,252.28	3/4	159,381.85	3/4	169,689.40	3/4	179,891.05	3/4	190,076.54	3/4	199,999.96	3/4	213,770.68
9	110,272.81	9	120,670.23	9	131,067.66	9	141,465.08	9	148,270.33	9	159,470.22	9	169,787.99	9	179,995.28	9	190,175.03	9	199,999.96	9	213,991.13
1/4	110,489.42	1/4	120,886.85	1/4	131,284.27	1/4	141,681.69	1/4	148,288.38	1/4	159,558.61	1/4	169,896.56	1/4	180,083.72	1/4	190,273.42	1/4	199,999.96	1/4	214,211.58
1/2	110,706.04	1/2	121,103.46	1/2	131,500.88	1/2	141,898.31	1/2	148,306.43	1/2	159,646.94	1/2	170,171.97	1/2	180,371.90	1/2	190,371.90	1/2	199,999.96	1/2	214,432.03
3/4	110,922.65	3/4	121,320.07	3/4	131,717.50	3/4	142,114.92	3/4	148,324.48	3/4	159,735.37	3/4	170,271.40	3/4	180,471.33	3/4	190,471.33	3/4	199,999.96	3/4	214,652.48
10	111,139.26	10	121,536.69	10	131,934.11	10	142,331.53	10	148,342.93	10	159,823.80	10	170,370.83	10	180,569.26	10	190,569.26	10	199,999.96	10	214,872.93
1/4	111,355.87	1/4	121,753.30	1/4	132,150.72	1/4	142,548.15	1/4	148,361.08	1/4	159,912.23	1/4	170,469.26	1/4	180,668.69	1/4	190,668.69	1/4	199,999.96	1/4	215,093.38
1/2	111,572.49	1/2	121,969.91	1/2	132,367.34	1/2	142,764.76	1/2	148,379.13	1/2	159,999.66	1/2	170,567.69								

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

MMC GAUGE HEIGHT 17'-10 7/8"

IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.
0		0	157.629112	0	146.172.57	0	134.716.01	0	123.259.46	0	111.802.91	0	100.346.35	0	88.889.80	0	77.441.46	0	65.986.59
1/4	157.390.44	1/4	145.933.89	1/4	145.933.89	1/4	134.477.34	1/4	123.020.78	1/4	111.564.23	1/4	100.107.67	1/4	88.651.12	1/4	77.203.03	1/4	65.747.92
1/2	157.151.76	1/2	145.695.21	1/2	145.695.21	1/2	134.238.66	1/2	122.782.10	1/2	111.325.55	1/2	99.869.00	1/2	88.412.44	1/2	76.964.60	1/2	65.509.26
3/4	156.913.09	3/4	145.456.53	3/4	145.456.53	3/4	133.999.30	3/4	122.543.43	3/4	111.088.87	3/4	99.630.32	3/4	88.173.76	3/4	76.726.18	3/4	65.270.59
1	156.674.41	1	145.217.85	1	145.217.85	1	133.761.98	1	122.304.73	1	110.848.19	1	99.391.64	1	87.935.09	1	76.481.75	1	65.031.93
1/4	156.435.73	1/4	144.979.18	1/4	144.979.18	1/4	133.522.62	1/4	122.066.07	1/4	110.609.52	1/4	99.152.96	1/4	87.696.41	1/4	76.249.20	1/4	64.793.26
1/2	156.197.05	1/2	144.740.50	1/2	144.740.50	1/2	133.283.94	1/2	121.827.39	1/2	110.370.84	1/2	98.914.28	1/2	87.457.73	1/2	76.010.53	1/2	64.554.60
3/4	155.958.37	3/4	144.550.82	3/4	144.550.82	3/4	133.030.55	3/4	121.588.71	3/4	110.132.16	3/4	98.675.61	3/4	87.220.89	3/4	74.817.21	3/4	64.315.93
2	155.719.70	2	144.263.14	2	144.263.14	2	132.806.59	2	121.350.03	2	109.893.48	2	98.436.93	2	86.980.37	2	75.533.20	2	64.077.26
1/4	155.481.02	1/4	144.024.46	1/4	144.024.46	1/4	132.567.91	1/4	121.111.36	1/4	109.654.80	1/4	98.198.25	1/4	86.741.70	1/4	75.294.54	1/4	63.838.60
1/2	155.242.34	1/2	143.785.79	1/2	143.785.79	1/2	132.329.23	1/2	120.872.68	1/2	109.416.12	1/2	97.959.57	1/2	86.503.02	1/2	75.055.87	1/2	63.599.93
3/4	155.003.66	3/4	143.547.11	3/4	143.547.11	3/4	132.090.55	3/4	120.634.00	3/4	109.177.45	3/4	97.720.89	3/4	86.264.34	3/4	74.817.21	3/4	63.361.27
3	154.764.98	3	143.308.43	3	143.308.43	3	131.851.88	3	120.395.32	3	108.938.77	3	97.482.21	3	86.025.66	3	74.578.54	3	63.122.60
1/4	154.526.30	1/4	143.069.75	1/4	143.069.75	1/4	131.613.20	1/4	120.156.64	1/4	108.700.09	1/4	97.243.54	1/4	85.787.07	1/4	74.339.88	1/4	62.883.94
1/2	154.287.63	1/2	142.831.07	1/2	142.831.07	1/2	131.374.52	1/2	119.917.97	1/2	108.461.41	1/2	97.004.86	1/2	85.548.56	1/2	74.101.21	1/2	62.645.27
3/4	154.048.95	3/4	142.592.39	3/4	142.592.39	3/4	131.135.84	3/4	119.679.29	3/4	108.222.73	3/4	96.766.18	3/4	85.310.04	3/4	73.862.55	3/4	62.406.61
4	153.810.27	4	142.353.72	4	142.353.72	4	130.897.16	4	119.440.61	4	107.984.06	4	96.527.50	4	85.071.53	4	73.623.88	4	62.167.94
1/4	153.571.59	1/4	142.115.04	1/4	142.115.04	1/4	130.658.48	1/4	119.201.93	1/4	107.745.38	1/4	96.288.82	1/4	84.833.02	1/4	73.385.22	1/4	61.929.28
1/2	153.332.91	1/2	141.876.36	1/2	141.876.36	1/2	130.419.81	1/2	118.963.25	1/2	107.506.70	1/2	96.050.15	1/2	84.594.51	1/2	73.146.55	1/2	61.690.61
3/4	153.094.23	3/4	141.637.68	3/4	141.637.68	3/4	130.181.13	3/4	118.724.57	3/4	107.268.02	3/4	95.811.47	3/4	84.356.00	3/4	72.907.88	3/4	61.451.95
5	152.855.56	5	141.399.00	5	141.399.00	5	129.942.45	5	118.485.90	5	107.029.34	5	95.572.79	5	84.117.49	5	72.669.22	5	61.213.28
1/4	152.616.88	1/4	141.160.32	1/4	141.160.32	1/4	129.703.77	1/4	118.247.22	1/4	106.790.66	1/4	95.334.11	1/4	83.879.02	1/4	72.430.55	1/4	60.974.64
1/2	152.378.20	1/2	140.921.65	1/2	140.921.65	1/2	129.465.09	1/2	118.008.54	1/2	106.551.99	1/2	95.095.43	1/2	83.640.51	1/2	72.191.89	1/2	60.735.95
3/4	152.139.52	3/4	140.676.97	3/4	140.676.97	3/4	129.226.41	3/4	117.769.86	3/4	106.313.31	3/4	94.856.75	3/4	83.402.16	3/4	71.953.22	3/4	60.497.28
6	151.900.84	6	140.444.29	6	140.444.29	6	128.978.74	6	117.531.18	6	106.074.63	6	94.618.08	6	83.163.74	6	71.714.56	6	60.258.62
1/4	151.662.17	1/4	140.205.61	1/4	140.205.61	1/4	128.749.06	1/4	117.292.50	1/4	105.835.95	1/4	94.379.40	1/4	82.925.31	1/4	71.475.89	1/4	60.019.95
1/2	151.423.49	1/2	139.966.93	1/2	139.966.93	1/2	128.510.38	1/2	117.053.83	1/2	105.597.27	1/2	94.140.72	1/2	82.686.88	1/2	71.237.23	1/2	59.781.29
3/4	151.184.81	3/4	139.728.26	3/4	139.728.26	3/4	128.271.70	3/4	116.815.15	3/4	105.358.59	3/4	93.902.04	3/4	82.448.45	3/4	70.998.56	3/4	59.542.62
7	150.946.13	7	139.489.58	7	139.489.58	7	128.033.02	7	116.576.47	7	105.119.92	7	93.663.36	7	82.210.02	7	70.759.90	7	59.303.96
1/4	150.707.45	1/4	139.250.90	1/4	139.250.90	1/4	127.794.35	1/4	116.337.79	1/4	104.881.24	1/4	93.424.68	1/4	81.971.60	1/4	70.521.23	1/4	59.065.29
1/2	150.468.77	1/2	139.012.22	1/2	139.012.22	1/2	127.555.67	1/2	116.099.11	1/2	104.642.56	1/2	93.186.01	1/2	81.733.17	1/2	70.282.57	1/2	58.826.63
3/4	150.230.10	3/4	138.773.54	3/4	138.773.54	3/4	127.316.99	3/4	115.860.44	3/4	104.403.88	3/4	92.947.33	3/4	81.494.74	3/4	70.043.90	3/4	58.587.96
8	149.991.42	8	138.534.86	8	138.534.86	8	127.078.31	8	115.621.76	8	104.165.20	8	92.708.65	8	81.256.31	8	69.805.23	8	58.349.30
1/4	149.752.74	1/4	138.296.19	1/4	138.296.19	1/4	126.839.63	1/4	115.383.08	1/4	103.926.53	1/4	92.469.97	1/4	81.017.88	1/4	69.566.57	1/4	58.110.63
1/2	149.514.06	1/2	138.057.51	1/2	138.057.51	1/2	126.600.95	1/2	115.144.40	1/2	103.687.85	1/2	92.231.29	1/2	80.779.45	1/2	69.327.90	1/2	57.871.96
3/4	149.275.38	3/4	137.818.83	3/4	137.818.83	3/4	126.362.28	3/4	114.905.72	3/4	103.449.17	3/4	91.992.62	3/4	80.541.03	3/4	69.089.24	3/4	57.633.30
9	149.036.71	9	137.580.15	9	137.580.15	9	126.123.60	9	114.667.04	9	103.210.49	9	91.753.94	9	80.302.60	9	68.850.57	9	57.394.63
1/4	148.798.03	1/4	137.341.47	1/4	137.341.47	1/4	125.884.92	1/4	114.428.37	1/4	102.971.81	1/4	91.515.26	1/4	80.064.17	1/4	68.611.91	1/4	57.155.97
1/2	148.559.35	1/2	137.102.80	1/2	137.102.80	1/2	125.646.24	1/2	114.189.69	1/2	102.734.13	1/2	91.276.58	1/2	79.825.74	1/2	68.373.24	1/2	56.917.30
3/4	148.320.67	3/4	136.864.12	3/4	136.864.12	3/4	125.407.56	3/4	113.951.01	3/4	102.494.46	3/4	91.037.90	3/4	79.587.31	3/4	68.134.58	3/4	56.678.64
10	148.081.99	10	136.625.44	10	136.625.44	10	125.168.89	10	113.712.33	10	102.255.78	10	90.799.22	10	79.348.89	10	67.895.91	10	56.439.97
1/4	147.843.31	1/4	136.386.76	1/4	136.386.76	1/4	124.930.21	1/4	113.473.65	1/4	102.017.10	1/4	90.560.55	1/4	79.110.46	1/4	67.657.25	1/4	56.201.31
1/2	147.604.64	1/2	136.148.08	1/2	136.148.08	1/2	124.691.53	1/2	113.234.98	1/2	101.778.42	1/2	90.321.87	1/2	78.872.03	1/2	67.418.58	1/2	55.962.64
3/4	147.365.96	3/4	135.909.40	3/4	135.909.40	3/4	124.452.85	3/4	112.996.36	3/4	101.539.74	3/4	90.083.19	3/4	78.633.60	3/4	67.199.91	3/4	55.723.98
11	147.127.28	11	135.670.73	11	135.670.73	11	124.214.17	11	112.757.62	11	101.301.07	11	89.844.51	11	78.395.17	11	66.941.25	11	55.485.31
1/4	146.888.60	1/4	135.432.05	1/4	135.432.05	1/4	123.975.49	1/4	112.518.94	1/4	101.062.39	1/4	89.605.83	1/4	78.156.74	1/4	66.702.58	1/4	55.246.64
1/2	146.649.92	1/2	135.193.37	1/2	135.193.37	1/2	123.738.82	1/2	112.280.26	1/2	100.823.71	1/2	89.367.16	1/2	77.918.32	1/2	66.463.92	1/2	55.007.98
3/4	146.411.25	3/4	134.954.69	3/4	134.954.69	3/4	123.498.14	3/4	112.041.58	3/4	100.585.03	3/4	89.128.48	3/4	77.679.89	3/4	66.225.25	3/4	54

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

MMC GAUGE HEIGHT 17'-10 7/8"

	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.	20 FT.	21 FT.	22 FT.
IN	0	0	0	0	0	0	0	0	0	0
1/4	54,530.65	43,074.71	31,637.91	20,193.54	8,738.19	0	0	0	0	0
1/2	54,291.98	42,836.04	31,399.94	19,955.01	8,499.52	1/4	1/4	1/4	1/4	1/4
3/4	54,053.32	42,597.38	31,161.97	19,716.47	8,260.84	1/2	1/2	1/2	1/2	1/2
1	53,814.65	42,358.71	30,928.03	19,477.93	8,022.16	3/4	3/4	3/4	3/4	3/4
1/4	53,575.99	42,120.05	30,686.00	19,239.40	7,783.48	1	1	1	1	1
1/2	53,337.32	41,881.38	30,448.06	19,000.86	7,544.80	1/4	1/4	1/4	1/4	1/4
3/4	53,098.66	41,642.72	30,210.09	18,762.32	7,306.13	1/2	1/2	1/2	1/2	1/2
1	52,859.99	41,404.05	29,972.12	18,523.79	7,067.45	3/4	3/4	3/4	3/4	3/4
1/4	52,621.33	41,165.39	29,734.16	18,285.25	6,828.77	2	2	2	2	2
1/2	52,382.66	40,926.72	29,496.19	18,046.64	6,590.09	1/4	1/4	1/4	1/4	1/4
3/4	52,143.99	40,688.06	29,258.22	17,807.97	6,351.41	1/2	1/2	1/2	1/2	1/2
1	51,905.33	40,449.39	29,020.25	17,569.29	6,112.73	3/4	3/4	3/4	3/4	3/4
1/4	51,666.66	40,210.72	28,782.28	17,330.61	5,874.06	3	3	3	3	3
1/2	51,428.00	39,972.06	28,543.95	17,091.93	5,635.38	1/4	1/4	1/4	1/4	1/4
3/4	51,189.33	39,733.39	28,305.28	16,853.25	5,396.70	1/2	1/2	1/2	1/2	1/2
1	50,950.67	39,494.73	28,066.60	16,614.57	5,158.02	3/4	3/4	3/4	3/4	3/4
1/4	50,712.00	39,256.06	27,827.92	16,375.90	4,919.34	4	4	4	4	4
1/2	50,473.34	39,017.40	27,589.24	16,137.22	4,680.66	1/4	1/4	1/4	1/4	1/4
3/4	50,234.67	38,778.73	27,350.56	15,898.54	4,441.99	1/2	1/2	1/2	1/2	1/2
1	49,996.01	38,540.07	27,111.88	15,659.86	4,203.31	3/4	3/4	3/4	3/4	3/4
1/4	49,757.34	38,301.40	26,873.21	15,421.18	3,964.63	5	5	5	5	5
1/2	49,518.68	38,063.08	26,634.53	15,182.51	3,725.95	1/4	1/4	1/4	1/4	1/4
3/4	49,280.01	37,825.11	26,395.85	14,943.83	3,487.27	1/2	1/2	1/2	1/2	1/2
1	49,041.34	37,587.15	26,157.17	14,705.15	3,248.60	3/4	3/4	3/4	3/4	3/4
1/4	48,802.68	37,349.18	25,918.49	14,466.47	3,009.92	6	6	6	6	6
1/2	48,564.01	37,111.21	25,679.89	14,227.79	2,771.24	1/4	1/4	1/4	1/4	1/4
3/4	48,325.35	36,873.24	25,441.35	13,989.11	2,532.56	1/2	1/2	1/2	1/2	1/2
1	48,086.68	36,635.27	25,202.81	13,750.44	2,293.88	3/4	3/4	3/4	3/4	3/4
1/4	47,848.02	36,397.30	24,964.28	13,511.76	2,055.20	7	7	7	7	7
1/2	47,609.35	36,159.33	24,725.74	13,273.08	1,831.44	1/4	1/4	1/4	1/4	1/4
3/4	47,370.69	35,921.36	24,487.20	13,034.40	1,622.60	1/2	1/2	1/2	1/2	1/2
1	47,132.02	35,683.39	24,248.67	12,795.72	1,413.76	3/4	3/4	3/4	3/4	3/4
1/4	46,893.36	35,445.42	24,010.13	12,557.05	1,204.91	8	8	8	8	8
1/2	46,654.69	35,207.45	23,771.59	12,318.37	1,025.90	1/4	1/4	1/4	1/4	1/4
3/4	46,416.03	34,969.48	23,533.06	12,079.69	876.73	1/2	1/2	1/2	1/2	1/2
1	46,177.36	34,731.51	23,294.52	11,841.01	727.56	3/4	3/4	3/4	3/4	3/4
1/4	45,938.69	34,493.54	23,055.98	11,602.33	578.38	9	9	9	9	9
1/2	45,700.03	34,255.57	22,817.45	11,363.65	459.04	1/4	1/4	1/4	1/4	1/4
3/4	45,461.36	34,017.60	22,578.91	11,124.98	369.54	1/2	1/2	1/2	1/2	1/2
1	45,222.70	33,779.63	22,340.37	10,886.30	280.03	3/4	3/4	3/4	3/4	3/4
1/4	44,984.03	33,541.67	22,101.84	10,647.62	190.53	10	10	10	10	10
1/2	44,745.37	33,303.70	21,863.30	10,408.94	130.86	1/4	1/4	1/4	1/4	1/4
3/4	44,506.70	33,065.73	21,624.76	10,170.26	101.03	1/2	1/2	1/2	1/2	1/2
1	44,268.04	32,827.76	21,386.23	9,931.59	71.19	3/4	3/4	3/4	3/4	3/4
1/4	44,029.37	32,589.79	21,147.69	9,692.91	52.27	11	11	11	11	11
1/2	43,790.71	32,351.82	20,909.15	9,454.23	0	1/4	1/4	1/4	1/4	1/4
3/4	43,552.04	32,113.85	20,670.62	9,215.55	0	1/2	1/2	1/2	1/2	1/2
1	43,313.37	31,875.88	20,432.08	8,976.87	0	3/4	3/4	3/4	3/4	3/4

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

DATE STRAPPED: 4/5/03 BY: KS-KF
DATE COMPUTED: 4/11/03 BY: DAR
DATE ISSUED: 4/14/03

ITS - CALEB BRETT

Caleb Brett

BARGE "CBC 131"
HULL NO. 02-2966

TANK NO. 2
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS MNC GAUGE HEIGHT 17"-10 1/8"

IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.	IN	20 FT.	IN	21 FT.	IN	22 FT.
0	49,096.25	0	38,644.67	0	28,214.32	0	17,772.61	0	7,321.20	0		0		0		0		0	
1/4	48,878.50	1/4	38,426.93	1/4	27,997.27	1/4	17,555.00	1/4	7,103.44	1/4		1/4		1/4		1/4		1/4	
1/2	48,660.76	1/2	38,209.19	1/2	27,780.23	1/2	17,337.39	1/2	6,885.69	1/2		1/2		1/2		1/2		1/2	
3/4	48,443.02	3/4	37,991.44	3/4	27,563.18	3/4	17,119.77	3/4	6,667.94	3/4		3/4		3/4		3/4		3/4	
1	48,225.28	1	37,773.70	1	27,346.14	1	16,902.16	1	6,450.18	1		1		1		1		1	
1/4	48,007.54	1/4	37,555.96	1/4	27,129.09	1/4	16,684.55	1/4	6,232.43	1/4		1/4		1/4		1/4		1/4	
1/2	47,789.80	1/2	37,338.22	1/2	26,912.05	1/2	16,466.87	1/2	6,014.67	1/2		1/2		1/2		1/2		1/2	
3/4	47,572.06	3/4	37,120.48	3/4	26,695.00	3/4	16,249.11	3/4	5,796.92	3/4		3/4		3/4		3/4		3/4	
2	47,354.32	2	36,902.74	2	26,477.96	2	16,031.36	2	5,579.17	2		2		2		2		2	
1/4	47,136.57	1/4	36,685.00	1/4	26,260.91	1/4	15,813.60	1/4	5,361.41	1/4		1/4		1/4		1/4		1/4	
1/2	46,918.83	1/2	36,467.26	1/2	26,043.51	1/2	15,595.85	1/2	5,143.66	1/2		1/2		1/2		1/2		1/2	
3/4	46,701.09	3/4	36,249.51	3/4	25,825.76	3/4	15,378.10	3/4	4,925.90	3/4		3/4		3/4		3/4		3/4	
3	46,483.35	3	36,031.77	3	25,608.00	3	15,160.34	3	4,708.15	3		3		3		3		3	
1/4	46,265.61	1/4	35,814.03	1/4	25,390.25	1/4	14,942.59	1/4	4,490.40	1/4		1/4		1/4		1/4		1/4	
1/2	46,047.87	1/2	35,596.29	1/2	25,172.50	1/2	14,724.83	1/2	4,272.64	1/2		1/2		1/2		1/2		1/2	
3/4	45,830.13	3/4	35,378.55	3/4	24,954.74	3/4	14,507.08	3/4	4,054.89	3/4		3/4		3/4		3/4		3/4	
4	45,612.39	4	35,160.81	4	24,736.99	4	14,289.33	4	3,837.13	4		4		4		4		4	
1/4	45,394.64	1/4	34,943.07	1/4	24,519.23	1/4	14,071.57	1/4	3,619.38	1/4		1/4		1/4		1/4		1/4	
1/2	45,176.90	1/2	34,725.67	1/2	24,301.48	1/2	13,853.82	1/2	3,401.63	1/2		1/2		1/2		1/2		1/2	
3/4	44,959.16	3/4	34,508.63	3/4	24,083.73	3/4	13,636.06	3/4	3,183.87	3/4		3/4		3/4		3/4		3/4	
5	44,741.42	5	34,291.58	5	23,865.97	5	13,418.31	5	2,966.12	5		5		5		5		5	
1/4	44,523.68	1/4	34,074.54	1/4	23,648.22	1/4	13,200.56	1/4	2,748.36	1/4		1/4		1/4		1/4		1/4	
1/2	44,305.94	1/2	33,857.49	1/2	23,430.53	1/2	12,982.80	1/2	2,530.61	1/2		1/2		1/2		1/2		1/2	
3/4	44,088.20	3/4	33,640.45	3/4	23,212.92	3/4	12,765.05	3/4	2,312.86	3/4		3/4		3/4		3/4		3/4	
6	43,870.46	6	33,423.40	6	22,995.31	6	12,547.29	6	2,095.10	6		6		6		6		6	
1/4	43,652.72	1/4	33,206.36	1/4	22,777.70	1/4	12,329.54	1/4	1,877.35	1/4		1/4		1/4		1/4		1/4	
1/2	43,434.97	1/2	32,989.31	1/2	22,560.08	1/2	12,111.79	1/2	1,673.20	1/2		1/2		1/2		1/2		1/2	
3/4	43,217.23	3/4	32,772.27	3/4	22,342.47	3/4	11,894.03	3/4	1,482.67	3/4		3/4		3/4		3/4		3/4	
7	42,999.49	7	32,555.22	7	22,124.86	7	11,676.28	7	1,292.13	7		7		7		7		7	
1/4	42,781.75	1/4	32,338.18	1/4	21,907.25	1/4	11,458.52	1/4	1,101.60	1/4		1/4		1/4		1/4		1/4	
1/2	42,564.01	1/2	32,121.13	1/2	21,689.64	1/2	11,240.77	1/2	1,036.97	1/2		1/2		1/2		1/2		1/2	
3/4	42,346.27	3/4	31,904.09	3/4	21,472.02	3/4	11,023.02	3/4	802.19	3/4		3/4		3/4		3/4		3/4	
8	42,128.53	8	31,687.04	8	21,254.41	8	10,805.26	8	666.09	8		8		8		8		8	
1/4	41,910.79	1/4	31,470.00	1/4	21,036.80	1/4	10,587.51	1/4	529.99	1/4		1/4		1/4		1/4		1/4	
1/2	41,693.04	1/2	31,252.95	1/2	20,819.19	1/2	10,369.75	1/2	421.12	1/2		1/2		1/2		1/2		1/2	
3/4	41,475.30	3/4	31,035.91	3/4	20,601.57	3/4	10,152.00	3/4	339.46	3/4		3/4		3/4		3/4		3/4	
9	41,257.56	9	30,818.86	9	20,383.96	9	9,934.25	9	257.80	9		9		9		9		9	
1/4	41,039.82	1/4	30,601.82	1/4	20,166.35	1/4	9,716.49	1/4	176.14	1/4		1/4		1/4		1/4		1/4	
1/2	40,822.08	1/2	30,384.77	1/2	19,948.74	1/2	9,498.74	1/2	121.71	1/2		1/2		1/2		1/2		1/2	
3/4	40,604.34	3/4	30,167.72	3/4	19,731.12	3/4	9,280.98	3/4	94.49	3/4		3/4		3/4		3/4		3/4	
10	40,386.60	10	29,950.68	10	19,513.51	10	9,063.23	10	67.27	10		10		10		10		10	
1/4	40,168.86	1/4	29,733.63	1/4	19,295.90	1/4	8,845.48	1/4	53.66	1/4		1/4		1/4		1/4		1/4	
1/2	39,951.11	1/2	29,516.59	1/2	19,078.29	1/2	8,627.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	39,733.37	3/4	29,299.54	3/4	18,860.67	3/4	8,409.97	3/4		3/4		3/4		3/4		3/4		3/4	
11	39,515.63	11	29,082.50	11	18,643.06	11	8,192.21	11		11		11		11		11		11	
1/4	39,297.89	1/4	28,865.45	1/4	18,425.45	1/4	7,974.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	39,080.15	1/2	28,648.41	1/2	18,207.84	1/2	7,756.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	38,862.41	3/4	28,431.36	3/4	17,990.22	3/4	7,538.95	3/4		3/4		3/4		3/4		3/4		3/4	

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DATE STRAPPED: 4/5/03 BY: KS-KF
DATE COMPUTED: 4/11/03 BY: DAR
DATE ISSUED: 4/14/03

ITS - CALEB BRETT

Caleb Brett

BARGE "CBC 131"
HULL NO. 02-2966

TANK NO. 3
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

NMC GAUGE HEIGHT 17'-10 5/8"

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

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH IHPNS CHAPTER 2.7
 NOTE: CAPACITY TABLE APPLIES ONLY TO ULLAGE GAUGES OBTAINED WITH NMC GAUGE DEVICE.
 NOTE: NMC GAUGE POINT LOCATED 0'-9" OFF CENTRELINE AND 27'-0" FORWARD OF TANK HEAD.
 NOTE: NO TRIM CORRECTION REQUIRED DUE TO GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK.
 NOTE: CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

ITS - CALEB BRETT

Caleb Brett

DATE STRAPPED: 4/5/03 BY: KS-KF
 DATE COMPUTED: 4/11/03 BY: DAK
 DATE ISSUED: 4/14/03

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BARGE "CBC 131"
HULL NO. 02-2966

TANK NO. 3
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS MMC GAUGE HEIGHT 17"-10.5/8"

IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.	IN	20 FT.	IN	21 FT.	IN	22 FT.
0	49,301.37	0	38,903.94	0	28,506.52	0	18,112.56	0	7,716.20	0		0		0		0		0	
1/4	49,084.75	1/4	38,687.33	1/4	28,289.90	1/4	17,896.09	1/4	7,499.59	1/4		1/4		1/4		1/4		1/4	
1/2	48,868.14	1/2	38,470.72	1/2	28,073.29	1/2	17,679.62	1/2	7,282.98	1/2		1/2		1/2		1/2		1/2	
3/4	48,651.53	3/4	38,254.10	3/4	27,856.68	3/4	17,463.15	3/4	7,066.36	3/4		3/4		3/4		3/4		3/4	
1	48,434.91	1	38,037.49	1	27,640.07	1	17,246.68	1	6,849.75	1		1		1		1		1	
1/4	48,218.30	1/4	37,820.88	1/4	27,423.45	1/4	17,030.21	1/4	6,633.14	1/4		1/4		1/4		1/4		1/4	
1/2	48,001.69	1/2	37,604.26	1/2	27,206.84	1/2	16,813.73	1/2	6,416.52	1/2		1/2		1/2		1/2		1/2	
3/4	47,785.07	3/4	37,387.65	3/4	26,990.23	3/4	16,597.26	3/4	6,199.91	3/4		3/4		3/4		3/4		3/4	
2	47,568.46	2	37,171.04	2	26,773.61	2	16,380.72	2	5,983.30	2		2		2		2		2	
1/4	47,351.85	1/4	36,954.42	1/4	26,557.00	1/4	16,164.11	1/4	5,766.68	1/4		1/4		1/4		1/4		1/4	
1/2	47,135.24	1/2	36,737.81	1/2	26,340.39	1/2	15,947.50	1/2	5,550.07	1/2		1/2		1/2		1/2		1/2	
3/4	46,918.62	3/4	36,521.20	3/4	26,123.77	3/4	15,730.88	3/4	5,333.46	3/4		3/4		3/4		3/4		3/4	
3	46,702.01	3	36,304.59	3	25,907.16	3	15,514.27	3	5,116.85	3		3		3		3		3	
1/4	46,485.40	1/4	36,087.97	1/4	25,690.55	1/4	15,297.66	1/4	4,900.23	1/4		1/4		1/4		1/4		1/4	
1/2	46,268.78	1/2	35,871.36	1/2	25,473.94	1/2	15,081.04	1/2	4,683.62	1/2		1/2		1/2		1/2		1/2	
3/4	46,052.17	3/4	35,654.75	3/4	25,257.32	3/4	14,864.43	3/4	4,467.01	3/4		3/4		3/4		3/4		3/4	
4	45,835.56	4	35,438.13	4	25,040.71	4	14,647.82	4	4,250.39	4		4		4		4		4	
1/4	45,618.94	1/4	35,221.52	1/4	24,824.10	1/4	14,431.20	1/4	4,033.78	1/4		1/4		1/4		1/4		1/4	
1/2	45,402.33	1/2	35,004.91	1/2	24,607.48	1/2	14,214.59	1/2	3,817.17	1/2		1/2		1/2		1/2		1/2	
3/4	45,185.72	3/4	34,788.29	3/4	24,390.87	3/4	13,997.98	3/4	3,600.55	3/4		3/4		3/4		3/4		3/4	
5	44,969.11	5	34,571.68	5	24,174.26	5	13,781.37	5	3,383.94	5		5		5		5		5	
1/4	44,752.49	1/4	34,355.07	1/4	23,957.64	1/4	13,564.75	1/4	3,167.33	1/4		1/4		1/4		1/4		1/4	
1/2	44,535.88	1/2	34,138.46	1/2	23,741.03	1/2	13,348.14	1/2	2,950.72	1/2		1/2		1/2		1/2		1/2	
3/4	44,319.27	3/4	33,921.84	3/4	23,524.42	3/4	13,131.53	3/4	2,734.10	3/4		3/4		3/4		3/4		3/4	
6	44,102.65	6	33,705.23	6	23,307.82	6	12,914.91	6	2,517.49	6		6		6		6		6	
1/4	43,886.04	1/4	33,488.62	1/4	23,091.41	1/4	12,698.30	1/4	2,300.88	1/4		1/4		1/4		1/4		1/4	
1/2	43,669.43	1/2	33,272.00	1/2	22,874.93	1/2	12,481.69	1/2	2,084.26	1/2		1/2		1/2		1/2		1/2	
3/4	43,452.81	3/4	33,055.39	3/4	22,658.46	3/4	12,265.07	3/4	1,867.65	3/4		3/4		3/4		3/4		3/4	
7	43,236.20	7	32,838.78	7	22,441.99	7	12,048.46	7	1,654.58	7		7		7		7		7	
1/4	43,019.59	1/4	32,622.16	1/4	22,225.52	1/4	11,831.85	1/4	1,475.04	1/4		1/4		1/4		1/4		1/4	
1/2	42,802.98	1/2	32,405.55	1/2	22,009.05	1/2	11,615.24	1/2	1,285.50	1/2		1/2		1/2		1/2		1/2	
3/4	42,586.36	3/4	32,188.94	3/4	21,792.58	3/4	11,398.62	3/4	1,095.97	3/4		3/4		3/4		3/4		3/4	
8	42,369.75	8	31,972.33	8	21,576.11	8	11,182.01	8	933.51	8		8		8		8		8	
1/4	42,153.14	1/4	31,755.71	1/4	21,359.63	1/4	10,965.40	1/4	798.12	1/4		1/4		1/4		1/4		1/4	
1/2	41,936.52	1/2	31,539.10	1/2	21,143.16	1/2	10,748.78	1/2	662.74	1/2		1/2		1/2		1/2		1/2	
3/4	41,719.91	3/4	31,322.49	3/4	20,926.69	3/4	10,532.17	3/4	527.36	3/4		3/4		3/4		3/4		3/4	
9	41,503.30	9	31,105.87	9	20,710.22	9	10,315.56	9	419.05	9		9		9		9		9	
1/4	41,286.68	1/4	30,889.26	1/4	20,493.75	1/4	10,098.94	1/4	337.82	1/4		1/4		1/4		1/4		1/4	
1/2	41,070.07	1/2	30,672.65	1/2	20,277.28	1/2	9,882.33	1/2	256.59	1/2		1/2		1/2		1/2		1/2	
3/4	40,853.46	3/4	30,456.03	3/4	20,060.81	3/4	9,665.72	3/4	175.36	3/4		3/4		3/4		3/4		3/4	
10	40,636.85	10	30,239.42	10	19,844.33	10	9,449.11	10	121.21	10		10		10		10		10	
1/4	40,420.23	1/4	30,022.81	1/4	19,627.86	1/4	9,232.49	1/4	94.13	1/4		1/4		1/4		1/4		1/4	
1/2	40,203.62	1/2	29,806.20	1/2	19,411.39	1/2	9,015.88	1/2	67.05	1/2		1/2		1/2		1/2		1/2	
3/4	39,987.01	3/4	29,589.58	3/4	19,194.92	3/4	8,799.27	3/4	53.52	3/4		3/4		3/4		3/4		3/4	
11	39,770.39	11	29,372.97	11	18,978.45	11	8,582.65	11		11		11		11		11		11	
1/4	39,553.78	1/4	29,156.36	1/4	18,761.98	1/4	8,366.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	39,337.17	1/2	28,939.74	1/2	18,545.51	1/2	8,149.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	39,120.55	3/4	28,723.13	3/4	18,329.03	3/4	7,932.81	3/4		3/4		3/4		3/4		3/4		3/4	

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