

IB1034



HULL NO. C&C Marine # 96

TANK NO. 1
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT: 16' 3"

Table with columns for depth (0 FT. to 15.00) and rows for capacity (0 to 238.72). Each cell contains a value and a fraction (e.g., 0.56, 1/4).

NOTE: CAPACITY TABLE APPLIES ONLY TO MANUAL INNAGES TAKEN AT THE TOP LIP OF MMC VALVE.
NOTE: GAUGE POINT LOCATED IN GEOMETRIC CENTER OF TANK
NOTE: FOR GREATER ACCURACY, BARGE SHOULD BE UPRIGHT AND ON EVEN KEEL

DATE STRAPPED 3/24/08 BY: WLH
DATE COMPUTED: 4/08/08 BY: WHF
DATE ISSUED: 4/09/08

INTERTEK CALEB BRETT



IB1034



HULL NO. C&C Marine # 96

TANK NO. 2
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT: 16' 3 1/4"

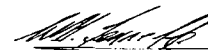
Table with columns for depth (0 FT. to 15.00) and rows for height (0 to 10). Each cell contains capacity values for different gauge heights (0, 1/4, 1/2, 3/4).

NOTE: CAPACITY TABLE APPLIES ONLY TO MANUAL INNAGES TAKEN AT THE TOP LIP OF MMC VALVE.

NOTE: GAUGE POINT LOCATED IN GEOMETRIC CENTER OF TANK
NOTE: FOR GREATER ACCURACY, BARGE SHOULD BE UPRIGHT AND ON EVEN KEEL

DATE STRAPPED 3/24/08 BY: WHF
DATE COMPUTED: 4/08/08 BY: WHF
DATE ISSUED: 4/09/08

INTERTEK CALEB BRETT



IB1034

Intertek Caleb Brett

HULL NO. C&C Marine # 96

TANK NO. 3
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT: 16" 03"

Table with columns for depth (0 FT. to 15.00) and rows for various tank dimensions (IN, 1 FT., 2 FT., 3 FT., 4 FT., 5 FT., 6 FT., 7 FT., 8 FT., 9 FT., 10 FT., 11 FT., 12 FT., 13 FT., 14 FT., 15.00). Each cell contains capacity values for different gauge heights (1/4, 1/2, 3/4).

NOTE: CAPACITY TABLE APPLIES ONLY TO MANUAL INNAGES TAKEN AT THE TOP LIP OF MMC VALVE.

NOTE: GAUGE POINT LOCATED IN GEOMETRIC CENTER OF TANK

NOTE: FOR GREATER ACCURACY, BARGE SHOULD BE UPRIGHT AND ON EVEN KELL

INTERTEK CALEB BRETT

DATE STRAPPED 3/24/06 BY: WHF
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DATE ISSUED: 4/09/08



Caleb Brett

Incremental Factor Sheet

Barge: **IB1034**
Location: New Orleans, La

Tank #: 1
Gauge Height: 16' 3"

Given In: BARRELS Per: 1/4 Inch

Line #	Gauge From	Gauge To	Number of Increments	Incremental Factor	Total BARRELS
0		0'- 0			0.5595
1	0'- 0	0'- 1	4	4.4234	18.2531
2	0'- 1	0'- 2	4	4.6324	36.7827
3	0'- 2	0'- 3	4	4.8416	56.1491
4	0'- 3	0'- 4	4	5.0342	76.2859
5	0'- 4	0'- 6	8	5.0670	116.8219
6	0'- 6	1'- 0	24	5.0824	238.7995
7	1'- 0	1'- 6	24	5.0822	360.7723
8	1'- 6	1'- 8	8	5.0840	401.4443
9	1'- 8	1'- 10	8	5.0834	442.1115
10	1'- 10	2'- 2	16	5.0816	523.4171
11	2'- 2	2'- 4	8	5.0790	564.0491
12	2'- 4	3'- 2	40	5.0640	766.6091
13	3'- 2	3'- 10	32	5.0794	929.1499
14	3'- 10	4'- 0	8	5.0786	969.7787
15	4'- 0	4'- 2	8	5.0784	1010.4059
16	4'- 2	7'- 6	160	5.0804	1823.2699
17	7'- 6	9'- 10	112	5.0834	2392.6107
18	9'- 10	10'- 10	48	5.0812	2636.5083
19	10'- 10	14'- 8	184	4.4432	3454.0571
20	14'- 8	14'- 9	4	3.8166	3469.3235
21	14'- 9	14'- 10	4	2.6858	3480.0667
22	14'- 10	14'- 11	4	1.5550	3486.2867
23	14'- 11	15'- 0	4	0.4244	3487.9843

Incremental Factor Sheet

Barge: **IB1034**
 Location: New Orleans, La

Tank #: 2
 Gauge Height: 16' 3 1/4"

Given In: BARRELS Per: 1/4 Inch

Line #	Gauge From	Gauge To	Number of Increments	Incremental Factor	Total BARRELS
0		0'- 0			0.5595
1	0'- 0	0'- 1	4	5.5632	22.8123
2	0'- 1	0'- 2	4	5.6188	45.2875
3	0'- 2	0'- 3	4	5.6744	67.9851
4	0'- 3	0'- 4	4	5.7116	90.8315
5	0'- 4	0'- 5	4	5.7486	113.8259
6	0'- 5	0'- 6	4	5.7672	136.8947
7	0'- 6	1'- 0	24	5.7664	275.2883
8	1'- 0	1'- 6	24	5.7662	413.6771
9	1'- 6	1'- 10	16	5.7680	505.9651
10	1'- 10	2'- 2	16	5.7662	598.2243
11	2'- 2	2'- 4	8	5.7636	644.3331
12	2'- 4	3'- 2	40	5.7438	874.0851
13	3'- 2	3'- 10	32	5.7640	1058.5331
14	3'- 10	4'- 0	8	5.7632	1104.6387
15	4'- 0	4'- 2	8	5.7632	1150.7443
16	4'- 2	7'- 6	160	5.7650	2073.1443
17	7'- 6	9'- 10	112	5.7680	2719.1603
18	9'- 10	10'- 10	48	5.7658	2995.9187
19	10'- 10	14'- 8	184	5.7664	4056.9363
20	14'- 8	14'- 9	4	5.1196	4077.4147
21	14'- 9	14'- 10	4	3.9652	4093.2755
22	14'- 10	14'- 11	4	2.8108	4104.5187
23	14'- 11	15'- 0	4	1.6564	4111.1443
24	15'- 0	15'- 1	4	0.5018	4113.1515



Caleb Brett

Incremental Factor Sheet

Barge: **IB1034**
Location: New Orleans, La

Tank #: 3
Gauge Height: 16' 3"

Given In: BARRELS Per: 1/4 Inch

Line #	Gauge From	Gauge To	Number of Increments	Incremental Factor	Total BARRELS
0		0'- 0			0.5595
1	0'- 0	0'- 1	4	4.9822	20.4883
2	0'- 1	0'- 2	4	5.0320	40.6163
3	0'- 2	0'- 3	4	5.0818	60.9435
4	0'- 3	0'- 4	4	5.1150	81.4035
5	0'- 4	0'- 5	4	5.1482	101.9963
6	0'- 5	0'- 6	4	5.1648	122.6555
7	0'- 6	1'- 0	24	5.1640	246.5915
8	1'- 0	1'- 6	24	5.1638	370.5227
9	1'- 6	1'- 10	16	5.1656	453.1723
10	1'- 10	2'- 2	16	5.1638	535.7931
11	2'- 2	2'- 4	8	5.1612	577.0827
12	2'- 4	3'- 2	40	5.1438	782.8347
13	3'- 2	3'- 10	32	5.1618	948.0123
14	3'- 10	4'- 0	8	5.1608	989.2987
15	4'- 0	4'- 2	8	5.1608	1030.5851
16	4'- 2	7'- 6	160	5.1626	1856.6011
17	7'- 6	9'- 10	112	5.1656	2435.1483
18	9'- 10	10'- 10	48	5.1634	2682.9915
19	10'- 10	14'- 8	184	5.1640	3633.1675
20	14'- 8	14'- 9	4	4.5848	3651.5067
21	14'- 9	14'- 10	4	3.5508	3665.7099
22	14'- 10	14'- 11	4	2.5168	3675.7771
23	14'- 11	15'- 0	4	1.4828	3681.7083
24	15'- 0	15'- 1	4	0.4490	3683.5043

IB1034



HULL NO. C&C Marine # 96

TANK NO. 1 ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT: 17' 03 1/2"

Table with 20 columns (IN 2 FT. to IN 17.00) and 20 rows (0 to 11). Each cell contains capacity values for different gauge heights (1/4, 1/2, 3/4) and tank levels (0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11).

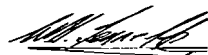
NOTE: CAPACITY TABLE APPLIES ONLY TO ULLAGES TAKEN WITH MMC GAUGING EQUIPMENT.

NOTE: GAUGE POINT LOCATED IN GEOMETRIC CENTER OF TANK

NOTE: FOR GREATER ACCURACY, BARGE SHOULD BE UPRIGHT AND ON EVEN KEEL

DATE STRAPPED 32408 BY: WLH
DATE COMPUTED: 40808 BY: WHF
DATE ISSUED: 41608

INTERTEK CALEB BRETT



IB1034



HULL NO. C&C Marine # 96

TANK NO. 2
ULLAGE TABLE

GAUGE HEIGHT: 17' 03 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

Table with columns for depth (IN 2 FT. to IN 17.00) and rows for capacity (0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17). Each cell contains capacity values for different gauge heights (1/4, 1/2, 3/4).

NOTE: CAPACITY TABLE APPLIES ONLY TO ULLAGES TAKEN WITH M&C GAUGING EQUIPMENT.

NOTE: GAUGE POINT LOCATED IN GEOMETRIC CENTER OF TANK
NOTE: FOR GREATER ACCURACY, BARGE SHOULD BE UPRIGHT AND ON EVEN KEEL

DATE STRAPPED 3/24/08 BY: WLH
DATE COMPUTED: 4/28/08 BY: WHF
DATE ISSUED: 4/16/08

INTERTEK CALEB BRETT

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT: 17 03 1/2"

IN	2 FT.	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.	IN	13 FT.	IN	14 FT.	IN	15.00	IN	16 FT.	IN	17.00
0		0	3,540.22	0	3,292.34	0	3,044.47	0	2,796.60	0	2,548.74	0	2,300.84	0	2,052.89	0	1,804.98	0	1,557.17	0	1,309.37	0	1,061.56	0	813.81	0	566.76	0	318.88	0	71.17
1/4		1/4	3,535.05	1/4	3,287.18	1/4	3,039.31	1/4	2,791.44	1/4	2,543.58	1/4	2,295.68	1/4	2,047.73	1/4	1,799.81	1/4	1,552.01	1/4	1,304.20	1/4	1,056.40	1/4	808.64	1/4	561.60	1/4	313.72	1/4	66.06
1/2		1/2	3,529.89	1/2	3,282.02	1/2	3,034.14	1/2	2,786.27	1/2	2,538.42	1/2	2,290.51	1/2	2,042.56	1/2	1,794.65	1/2	1,546.85	1/2	1,299.04	1/2	1,051.24	1/2	803.48	1/2	556.44	1/2	308.56	1/2	60.94
3/4		3/4	3,524.72	3/4	3,276.85	3/4	3,028.98	3/4	2,781.11	3/4	2,533.25	3/4	2,285.35	3/4	2,037.40	3/4	1,789.49	3/4	1,541.68	3/4	1,293.88	3/4	1,046.07	3/4	798.32	3/4	551.28	3/4	303.39	3/4	55.86
1		1	3,519.56	1	3,271.69	1	3,023.82	1	2,775.94	1	2,528.09	1	2,280.18	1	2,032.23	1	1,784.32	1	1,536.52	1	1,288.72	1	1,040.91	1	793.16	1	546.12	1	298.23	1	50.78
1/4		1/4	3,514.40	1/4	3,266.52	1/4	3,018.65	1/4	2,770.78	1/4	2,522.93	1/4	2,275.01	1/4	2,027.07	1/4	1,779.16	1/4	1,531.36	1/4	1,283.55	1/4	1,035.75	1/4	788.00	1/4	540.95	1/4	293.07	1/4	45.70
1/2		1/2	3,509.23	1/2	3,261.36	1/2	3,013.49	1/2	2,765.62	1/2	2,517.76	1/2	2,269.85	1/2	2,021.90	1/2	1,774.00	1/2	1,526.19	1/2	1,278.39	1/2	1,030.59	1/2	782.83	1/2	535.79	1/2	287.90	1/2	40.62
3/4		3/4	3,504.07	3/4	3,256.20	3/4	3,008.32	3/4	2,760.45	3/4	2,512.60	3/4	2,264.68	3/4	2,016.73	3/4	1,768.84	3/4	1,521.03	3/4	1,273.23	3/4	1,025.42	3/4	777.69	3/4	530.63	3/4	282.74	3/4	35.58
2		2	3,498.90	2	3,251.03	2	3,003.16	2	2,755.29	2	2,507.44	2	2,259.52	2	2,011.57	2	1,763.67	2	1,515.87	2	1,268.06	2	1,020.26	2	772.55	2	525.47	2	277.57	2	30.55
1/4		1/4	3,493.74	1/4	3,245.87	1/4	2,998.00	1/4	2,750.12	1/4	2,502.27	1/4	2,254.35	1/4	2,006.40	1/4	1,758.51	1/4	1,510.71	1/4	1,262.90	1/4	1,015.10	1/4	767.40	1/4	520.30	1/4	272.41	1/4	25.52
1/2	3,683.50	1/2	3,488.58	1/2	3,240.70	1/2	2,992.83	1/2	2,744.96	1/2	2,497.11	1/2	2,249.19	1/2	2,001.24	1/2	1,753.35	1/2	1,505.54	1/2	1,257.74	1/2	1,009.94	1/2	762.26	1/2	515.14	1/2	267.25	1/2	20.49
3/4	3,683.06	3/4	3,483.41	3/4	3,235.54	3/4	2,987.67	3/4	2,739.80	3/4	2,491.95	3/4	2,244.02	3/4	2,016.17	3/4	1,768.31	3/4	1,500.38	3/4	1,252.58	3/4	1,004.78	3/4	757.12	3/4	509.97	3/4	262.08	3/4	15.51
3	3,682.61	3	3,478.25	3	3,230.38	3	2,982.50	3	2,734.63	3	2,486.78	3	2,238.86	3	1,990.91	3	1,743.02	3	1,495.22	3	1,247.41	3	999.62	3	751.97	3	504.81	3	256.92	3	10.52
1/4	3,682.16	1/4	3,473.08	1/4	3,225.21	1/4	2,977.34	1/4	2,729.47	1/4	2,481.62	1/4	2,233.69	1/4	1,985.74	1/4	1,737.86	1/4	1,490.06	1/4	1,242.25	1/4	994.46	1/4	746.83	1/4	499.65	1/4	251.76	1/4	5.54
1/2	3,681.71	1/2	3,467.92	1/2	3,220.05	1/2	2,972.18	1/2	2,724.30	1/2	2,476.46	1/2	2,228.52	1/2	1,979.57	1/2	1,732.70	1/2	1,484.89	1/2	1,237.09	1/2	989.30	1/2	741.68	1/2	494.48	1/2	246.59	1/2	0.56
3/4	3,680.23	3/4	3,462.76	3/4	3,214.88	3/4	2,967.01	3/4	2,719.14	3/4	2,471.29	3/4	2,223.36	3/4	1,975.41	3/4	1,727.54	3/4	1,479.73	3/4	1,231.93	3/4	984.14	3/4	736.54	3/4	489.32	3/4	241.43	3/4	
4	3,678.74	4	3,457.59	4	3,209.72	4	2,961.85	4	2,713.98	4	2,466.13	4	2,218.19	4	1,970.24	4	1,722.37	4	1,474.57	4	1,226.76	4	978.98	4	731.40	4	484.16	4	236.26	4	
1/4	3,677.26	1/4	3,452.43	1/4	3,204.56	1/4	2,956.68	1/4	2,708.81	1/4	2,460.97	1/4	2,213.03	1/4	1,965.08	1/4	1,717.21	1/4	1,469.41	1/4	1,221.60	1/4	973.82	1/4	726.25	1/4	478.99	1/4	231.10	1/4	
1/2	3,675.78	1/2	3,447.26	1/2	3,199.39	1/2	2,951.52	1/2	2,703.65	1/2	2,455.80	1/2	2,207.86	1/2	1,959.91	1/2	1,712.05	1/2	1,464.24	1/2	1,216.44	1/2	968.66	1/2	721.11	1/2	473.83	1/2	225.94	1/2	
3/4	3,673.26	3/4	3,442.10	3/4	3,194.23	3/4	2,946.36	3/4	2,698.48	3/4	2,450.64	3/4	2,202.70	3/4	1,954.75	3/4	1,706.89	3/4	1,459.08	3/4	1,211.28	3/4	963.49	3/4	715.97	3/4	468.66	3/4	220.77	3/4	
5	3,670.74	5	3,436.94	5	3,189.06	5	2,941.19	5	2,693.32	5	2,445.48	5	2,197.53	5	1,949.58	5	1,701.72	5	1,453.92	5	1,206.11	5	958.33	5	710.82	5	463.50	5	215.61	5	
1/4	3,668.23	1/4	3,431.77	1/4	3,183.90	1/4	2,936.03	1/4	2,688.16	1/4	2,440.31	1/4	2,192.37	1/4	1,944.42	1/4	1,696.56	1/4	1,448.76	1/4	1,200.95	1/4	953.17	1/4	705.68	1/4	458.34	1/4	210.44	1/4	
1/2	3,665.71	1/2	3,426.61	1/2	3,178.74	1/2	2,930.86	1/2	2,682.99	1/2	2,435.15	1/2	2,187.20	1/2	1,939.25	1/2	1,691.40	1/2	1,443.59	1/2	1,195.79	1/2	948.01	1/2	700.53	1/2	453.17	1/2	205.28	1/2	
3/4	3,662.16	3/4	3,421.44	3/4	3,173.57	3/4	2,925.70	3/4	2,677.83	3/4	2,429.98	3/4	2,182.03	3/4	1,934.09	3/4	1,686.24	3/4	1,438.43	3/4	1,190.63	3/4	942.85	3/4	695.39	3/4	448.01	3/4	200.12	3/4	
6	3,658.61	6	3,416.28	6	3,168.41	6	2,920.54	6	2,672.66	6	2,424.82	6	2,176.87	6	1,928.92	6	1,681.07	6	1,433.27	6	1,185.46	6	937.69	6	690.25	6	442.84	6	194.95	6	
1/4	3,655.06	1/4	3,411.12	1/4	3,163.24	1/4	2,915.37	1/4	2,667.50	1/4	2,419.65	1/4	2,171.70	1/4	1,923.75	1/4	1,675.91	1/4	1,428.11	1/4	1,180.30	1/4	932.53	1/4	685.10	1/4	437.68	1/4	189.79	1/4	
1/2	3,651.51	1/2	3,405.95	1/2	3,158.08	1/2	2,910.21	1/2	2,662.34	1/2	2,414.49	1/2	2,166.54	1/2	1,918.59	1/2	1,670.75	1/2	1,422.94	1/2	1,175.14	1/2	927.37	1/2	679.96	1/2	432.51	1/2	184.62	1/2	
3/4	3,646.92	3/4	3,400.79	3/4	3,152.92	3/4	2,905.04	3/4	2,657.17	3/4	2,409.32	3/4	2,161.37	3/4	1,913.42	3/4	1,665.58	3/4	1,417.78	3/4	1,169.98	3/4	922.20	3/4	674.81	3/4	427.34	3/4	179.46	3/4	
7	3,642.34	7	3,395.62	7	3,147.75	7	2,899.88	7	2,652.01	7	2,404.15	7	2,156.21	7	1,908.26	7	1,660.42	7	1,412.62	7	1,164.81	7	917.04	7	669.67	7	422.18	7	174.30	7	
1/4	3,637.75	1/4	3,390.46	1/4	3,142.59	1/4	2,894.72	1/4	2,646.85	1/4	2,398.99	1/4	2,151.04	1/4	1,903.09	1/4	1,655.26	1/4	1,407.45	1/4	1,159.65	1/4	911.88	1/4	664.53	1/4	417.01	1/4	169.13	1/4	
1/2	3,633.17	1/2	3,385.30	1/2	3,137.42	1/2	2,889.55	1/2	2,641.68	1/2	2,393.82	1/2	2,145.87	1/2	1,897.93	1/2	1,650.10	1/2	1,402.29	1/2	1,154.49	1/2	906.72	1/2	659.38	1/2	411.85	1/2	163.97	1/2	
3/4	3,628.00	3/4	3,380.13	3/4	3,132.26	3/4	2,884.39	3/4	2,636.52	3/4	2,388.66	3/4	2,140.71	3/4	1,892.76	3/4	1,644.93	3/4	1,397.13	3/4	1,149.32	3/4	901.56	3/4	654.24	3/4	406.68	3/4	158.80	3/4	
8	3,622.84	8	3,374.97	8	3,127.10	8	2,879.22	8	2,631.36	8	2,383.49	8	2,135.54	8	1,887.59	8	1,639.77	8	1,391.97	8	1,144.16	8	896.39	8	649.10	8	401.52	8	153.64	8	
1/4	3,617.68	1/4	3,369.80	1/4	3,121.93	1/4	2,874.06	1/4	2,626.19	1/4	2,378.33	1/4	2,130.38	1/4	1,882.43	1/4	1,634.61	1/4	1,386.80	1/4	1,139.00	1/4	891.23	1/4	643.95	1/4	396.35	1/4	148.48	1/4	
1/2	3,612.51	1/2	3,364.64	1/2	3,116.77	1/2	2,868.90	1/2	2,621.03	1/2	2,373.16	1/2	2,125.21	1/2	1,877.26	1/2	1,629.45	1/2	1,381.64	1/2	1,133.84	1/2	886.07	1/2	638.81	1/2	391.19	1/2	143.31	1/2	
3/4	3,607.35	3/4	3,359.48	3/4	3,111.60	3/4	2,863.73	3/4	2,615.87	3/4	2,368.00	3/4	2,120.05	3/4	1,872.10	3/4	1,624.28	3/4	1,376.48	3/4	1,128.67	3/4	880.91	3/4	633.66	3/4	386.02	3/4	138.15	3/4	
9	3,602.18	9	3,354.31	9	3,106.44	9	2,858.57	9	2,610.70	9	2,362.83	9	2,114.88	9	1,866.93	9	1,619.12	9	1,371.32	9	1,123.51	9	875.75	9	628.52	9	380.85	9	132.98	9	