

BARGE "HSM - 3221" HARDIN STREET MARINE

1 PORT OR STBD **INNAGE TABLE**

HULL No. 06-2110

CARACITIES ON FALIN PARRELS OF 40 H.C. CALLONS	
CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS	FOR MANUAL GAUGING AT 2" BALL VALVE LOCATED NEAR GEOMETRIC CENTER OF

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 T PNK	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.
0	15.30	0	379.84	0	760.26	0	1,140.69	0	1,521.12	0		0	2,281.98	0	2662.41	0	3042.84	0	3423.27	0	3,803.70	0	4,184.12	0	4,564.55 0	4,944,98	0	5,325.41
1/4	20.25	1/4	387.76	1/4	768.19	1/4	1,148.62	1/4	1,529.05	1/4	· -	L/4	2,289.91	1/4	2670.33	1/4	3050.76	1/4	3431.19	1/4	3,811.62	1/4	4,192.05	1/4	4,572.48 1/4	4,952.91	1/4	5,333.34
1/2	25.19	1/2	395.69	1/2	776.12	1/2	1,156.54	1/2	1,536.97	1/2	1,917.40 1	, L/2	2,297.83	1/2	2678.26	1/2	3058.69	1/2	3439.12	1/2	3,819.55	1/2	4,199.98	1/2	4,580.40 1/2	4,960.83	1/2	5,341.26
3/4	30.14	3/4	403.61	3/4	784.04	3/4	1,164.47	3/4	1,544.90	3/4	· ·	3/4	2,305.76	3/4	2686.19	3/4	3066.61	3/4	3447.04	3/4	3,827.47	3/4	4,207.90	3/4	4,588.33 3/4	4,968.76	3/4	5,349.19
1	35.08	1	411.54	1	791.97	1	1,172.40	1	1,552.82	1	1,933.25	1	2,313.68	1	2694.11	1	3074.54	1	3454.97	1	3,835.40	1	4,215.83	1	4,596.26 1	4,976.68	1	5,357.11
1/4	42.02	1/4	419.46	1/4	799.89	1/4	1,180.32	1/4	1,560.75	1/4	1,941.18 1	L/4	2,321.61	1/4	2702.04	1/4	3082.47	1/4	3462.89	1/4	3,843.32	1/4	4,223.75	1/4	4,604.18 1/4	4,984.61	1/4	5,365.04
1/2	48.95	1/2	427.39	1/2	807.82	1/2	1,188.25	1/2	1,568.68	1/2	1,949.10 1	1/2	2,329.53	1/2	2709.96	1/2	3090.39	1/2	3470.82	1/2	3,851.25	1/2	4,231.68	1/2	4,612.11 1/2	4,992.54	1/2	5,372.96
3/4	55.88	3/4	435.32	3/4	815.74	3/4	1,196.17	3/4	1,576.60	3/4	1,957.03	3/4	2,337.46	3/4	2717.89	3/4	3098.32	3/4	3478.75	3/4	3,859.17	3/4	4,239.60	3/4	4,620.03 3/4	5,000.46	3/4	5,380.89
2	62.81	2	443.24	2	823.67	2	1,204.10	2	1,584.53	2	1,964.96	2	2,345.38	2	2725.81	2	3106.24	2	3486.67	2	3,867.10	2	4,247.53	2	4,627.96 2	5,008.39	2	5,388.82
1/4	70.74	1/4	451.17	1/4	831.60	1/4	1,212.02	1/4	1,592.45	1/4	1,972.88 1	L/4	2,353.31	1/4	2733.74	1/4	3114.17	1/4	3494.60	1/4	3,875.03	1/4	4,255.45	1/4	4,635.88 1/4	5,016.31	1/4	5,396.74
1/2	78.66	1/2	459.09	1/2	839.52	1/2	1,219.95	1/2	1,600.38	1/2	1,980.81 1	1/2	2,361.24	1/2	2741.66	1/2	3122.09	1/2	3502.52	1/2	3,882.95	1/2	4,263.38	1/2	4,643.81 1/2	5,024.24	1/2	5,404.67
3/4	86.59	3/4	467.02	3/4	847.45	3/4	1,227.88	3/4	1,608.30	3/4	1,988.73	3/4	2,369.16	3/4	2749.59	3/4	3130.02	3/4	3510.45	3/4	3,890.88	3/4	4,271.31	3/4	4,651.73 3/4	5,032.16	3/4	5,412.59
3	94.51	3	474.94	3	855.37	3	1,235.80	3	1,616.23	3	1,996.66	3	2,377.09	3	2757.52	3	3137.94	3	3518.37	3	3,898.80	3	4,279.23	3	4,659.66 3	5,040.09	3	5,420.52
1/4	102.44	1/4	482.87	1/4	863.30	1/4	1,243.73	1/4	1,624.16	1/4	2,004.58 1	L/4	2,385.01	1/4	2765.44	1/4	3145.87	1/4	3526.30	1/4	3,906.73	1/4	4,287.16	1/4	4,667.59 1/4	5,048.01	1/4	5,428.44
1/2	110.37	1/2	490.79	1/2	871.22	1/2	1,251.65	1/2	1,632.08	1/2	2,012.51 1	L/2	2,392.94	1/2	2773.37	1/2	3153.80	1/2	3534.22	1/2	3,914.65	1/2	4,295.08	1/2	4,675.51 1/2	5,055.94	1/2	5,436.37
3/4	118.29	3/4	498.72	3/4	879.15	3/4	1,259.58	3/4	1,640.01	3/4	2,020.44	3/4	2,400.86	3/4	2781.29	3/4	3161.72	3/4	3542.15	3/4	3,922.58	3/4	4,303.01	3/4	4,683.44 3/4	5,063.87	3/4	5,444.29
4	126.22	4	506.65	4	887.07	4	1,267.50	4	1,647.93	4	2,028.36	4	2,408.79	4	2789.22	4	3169.65	4	3550.08	4	3,930.50	4	4,310.93	4	4,691.36 4	5,071.79	4	5,452.22
1/4	134.14	1/4	514.57	1/4	895.00	1/4	1,275.43	1/4	1,655.86	1/4	2,036.29 1	L/4	2,416.72	1/4	2797.14	1/4	3177.57	1/4	3558.00	1/4	3,938.43	1/4	4,318.86	1/4	4,699.29 1/4	5,079.72	1/4	5,460.15
1/2	142.07	1/2	522.50	1/2	902.93	1/2	1,283.35	1/2	1,663.78	1/2	2,044.21 1	1/2	2,424.64	1/2	2805.07	1/2	3185.50	1/2	3565.93	1/2	3,946.36	1/2	4,326.78	1/2	4,707.21 1/2	5,087.64	1/2	5,468.07
3/4	149.99	3/4	530.42	3/4	910.85	3/4	1,291.28	3/4	1,671.71	3/4	2,052.14	3/4	2,432.57	3/4	2813.00	3/4	3193.42	3/4	3573.85	3/4	3,954.28	3/4	4,334.71	3/4	4,715.14 3/4	5,095.57	3/4	5,476.00
5	157.92	5	538.35	5	918.78	5	1,299.21	5	1,679.63	5	2,060.06	5	2,440.49	5	2820.92	5	3201.35	5	3581.78	5	3,962.21	5	4,342.64	5	4,723.06 5	5,103.49	5	5,483.92
1/4	165.84	1/4	546.27	1/4	926.70	1/4	1,307.13	1/4	1,687.56	1/4	2,067.99 1	L/4	2,448.42	1/4	2828.85	1/4	3209.28	1/4	3589.70	1/4	3,970.13	1/4	4,350.56	1/4	4,730.99 1/4	5,111.42	1/4	5,490.71
1/2	173.77	1/2	554.20	1/2	934.63	1/2	1,315.06	1/2	1,695.49	1/2	2,075.91 1	1/2	2,456.34	1/2	2836.77	1/2	3217.20	1/2	3597.63	1/2	3,978.06	1/2	4,358.49	1/2	4,738.92 1/2	5,119.34	1/2	5,497.50
3/4	181.70	3/4	562.12	3/4	942.55	3/4	1,322.98	3/4	1,703.41	3/4	2,083.84	3/4	2,464.27	3/4	2844.70	3/4	3225.13	3/4	3605.56	3/4	3,985.98	3/4	4,366.41	3/4	4,746.84 3/4	5,127.27	3/4	5,504.29
6	189.62	6	570.05	6	950.48	6	1,330.91	6	1,711.34	6	2,091.77	6	2,472.19	6	2852.62	6	3233.05	6	3613.48	6	3,993.91	6	4,374.34	6	4,754.77 6	5,135.20	6	5,511.08
1/4	197.55	1/4	577.98	1/4	958.40	1/4	1,338.83	1/4	1,719.26	1/4	2,099.69 1	L/4	2,480.12	1/4	2860.55	1/4	3240.98	1/4	3621.41	1/4	4,001.84	1/4	4,382.26	1/4	4,762.69 1/4	5,143.12	1/4	5,516.74
1/2	205.47	1/2	585.90	1/2	966.33	1/2	1,346.76	1/2	1,727.19	1/2	2,107.62 1	1/2	2,488.05	1/2	2868.47	1/2	3248.90	1/2	3629.33	1/2	4,009.76	1/2	4,390.19	1/2	4,770.62 1/2	5,151.05	1/2	5,522.39
3/4	213.40	3/4	593.83	3/4	974.26	3/4	1,354.68	3/4	1,735.11	3/4	2,115.54	3/4	2,495.97	3/4	2876.40	3/4	3256.83	3/4	3637.26	3/4	4,017.69	3/4	4,398.12	3/4	4,778.54 3/4	5,158.97	3/4	5,528.05
7	221.32	7	601.75	7	982.18	7	1,362.61	7	1,743.04	7	2,123.47	7	2,503.90	7	2884.33	7	3264.75	7	3645.18	7	4,025.61	7	4,406.04	7	4,786.47 7	5,166.90	7	5,533.70
1/4	229.25	1/4	609.68	1/4	990.11	1/4	1,370.54	1/4	1,750.96	1/4	2,131.39 1	L/4	2,511.82	1/4	2892.25	1/4	3272.68	1/4	3653.11	1/4	4,033.54	1/4	4,413.97	1/4	4,794.40 1/4	5,174.82	1/4	5,538.22
1/2	237.18	1/2	617.60	1/2	998.03	1/2	1,378.46	1/2	1,758.89	1/2	2,139.32 1	L/2	2,519.75	1/2	2900.18	1/2	3280.61	1/2	3661.03	1/2	4,041.46	1/2	4,421.89	1/2	4,802.32 1/2	5,182.75	1/2	5,542.74
3/4	245.10	3/4	625.53	3/4	1,005.96	3/4	1,386.39	3/4	1,766.82	3/4	2,147.24	3/4	2,527.67	3/4	2908.10	3/4	3288.53	3/4	3668.96	3/4	4,049.39	3/4	4,429.82	3/4	4,810.25 3/4	5,190.68	3/4	5,547.26
8	253.03	8	633.46	8	1,013.88	8	1,394.31	8	1,774.74	8	2,155.17	8	2,535.60	8	2916.03	8	3296.46	8	3676.89	8	4,057.31	8	4,437.74	8	4,818.17 8	5,198.60	8	5,551.78
1/4	260.95	1/4	641.38	1/4	1,021.81	1/4	1,402.24	1/4	1,782.67	1/4	2,163.10 1	L/4	2,543.52	1/4	2923.95	1/4	3304.38	1/4	3684.81	1/4	4,065.24	1/4	4,445.67	1/4	4,826.10 1/4	5,206.53	1/4	5,555.16
1/2	268.88	1/2	649.31	1/2	1,029.74	1/2	1,410.16	1/2	1,790.59	1/2	2,171.02 1	L/2	2,551.45	1/2	2931.88	1/2	3312.31	1/2	3692.74	1/2	4,073.17	1/2	4,453.59	1/2	4,834.02 1/2	5,214.45	1/2	5,558.55
3/4	276.80	3/4	657.23	3/4	1,037.66	3/4	1,418.09	3/4	1,798.52	3/4	2,178.95	3/4	2,559.38	3/4	2939.80	3/4	3320.23	3/4	3700.66	3/4	4,081.09	3/4	4,461.52	3/4	4,841.95 3/4	5,222.38	3/4	5,561.93
9	284.73	9	665.16	9	1,045.59	9	1,426.02	9	1,806.44	9	2,186.87	9	2,567.30	9	2947.73	9	3328.16	9	3708.59	9	4,089.02	9	4,469.45	9	4,849.87 9	5,230.30	9	5,565.31
1/4	292.65	1/4	673.08	1/4	1,053.51	1/4	1,433.94	1/4	1,814.37	1/4	2,194.80 1	L/4	2,575.23	1/4	2955.66	1/4	3336.08	1/4	3716.51	1/4	4,096.94	1/4	4,477.37	1/4	4,857.80 1/4	5,238.23	1/4	5,567.56
1/2	300.58	1/2	681.01	1/2	1,061.44	1/2	1,441.87	1/2	1,822.30	1/2	2,202.72 1	L/2	2,583.15	1/2	2963.58	1/2	3344.01	1/2	3724.44	1/2	4,104.87	1/2	4,485.30	1/2	4,865.73 1/2	5,246.15	1/2	5,569.81
3/4	308.51	3/4	688.93	3/4	1,069.36	3/4	1,449.79	3/4	1,830.22	3/4	2,210.65	3/4	2,591.08	3/4	2971.51	3/4	3351.94	3/4	3732.36	3/4	4,112.79	3/4	4,493.22	3/4	4,873.65 3/4	5,254.08	3/4	5,572.06
10	316.43	10	696.86	10	1,077.29	10	1,457.72	10	1,838.15	10	2,218.58	10	2,599.00	10	2979.43	10	3359.86	10	3740.29	10	4,120.72	10	4,501.15	10	4,881.58 10	5,262.01	10	5,574.31
1/4	324.36	1/4	704.79	1/4	1,085.21	1/4	1,465.64	1/4	1,846.07	1/4	2,226.50 1	L/4	2,606.93	1/4	2987.36	1/4	3367.79	1/4	3748.22	1/4	4,128.64	1/4	4,509.07	1/4	4,889.50 1/4	5,269.93	1/4	5,575.42
1/2	332.28	1/2	712.71	1/2	1,093.14	1/2	1,473.57	1/2	1,854.00	1/2	2,234.43 1	L/2	2,614.86	1/2	2995.28	1/2	3375.71	1/2	3756.14	1/2	4,136.57	1/2	4,517.00	1/2	4,897.43 1/2	5,277.86	1/2	5,576.53
3/4	340.21	3/4	720.64	3/4	1,101.07	3/4	1,481.49	3/4	1,861.92	3/4	2,242.35	3/4	2,622.78	3/4	3003.21	3/4	3383.64	3/4	3764.07	3/4	4,144.50	3/4	4,524.92	3/4	4,905.35 3/4	5,285.78	3/4	5,577.64
11	348.13	11	728.56	11	1,108.99	11	1,489.42	11	1,869.85	11	2,250.28	11	2,630.71	11	3011.14	11	3391.56	11	3771.99	11	4,152.42	11	4,532.85	11	4,913.28 11	5,293.71	11	5,578.76
1/4	356.06	1/4	736.49	1/4	1,116.92	1/4	1,497.35	1/4	1,877.77	1/4	2,258.20 1	L/4	2,638.63	1/4	3019.06	1/4	3399.49	1/4	3779.92	1/4	4,160.35	1/4	4,540.78	1/4	4,921.20 1/4	5,301.63	1/4	5,579.31
1/2	363.98	1/2	744.41	1/2	1,124.84	1/2	1,505.27	1/2	1,885.70	1/2	2,266.13 1	L/2	2,646.56	1/2	3026.99	1/2	3407.42	1/2	3787.84	1/2	4,168.27	1/2	4,548.70	1/2	4,929.13 1/2	5,309.56	1/2	5,579.87
3/4	371.91	3/4	752.34	3/4	1,132.77	3/4	1,513.20	3/4	1,893.63	3/4	2,274.05	3/4	2,654.48	3/4	3034.91	3/4	3415.34	3/4	3795.77	3/4	4,176.20	3/4	4,556.63	3/4	4,937.06 3/4	5,317.48	3/4	5,580.43
NOTE:	GAUGE POINT: TO	TOP LIF	OF BALL VALVE,	ON 12" DE	ECK PIPE.						TI	HIS CI	HART IS CERTIFI	ED FOR	THE ABOVE NA	MED TAI	NK ONLY. NO CI	HANGES		[DATE STRAPPED: 1	12/10/07	BY: JF			EDTEV (=	B B B B B B B B B B B B B B B B B B B

NOTE: GAUGE POINT: TO TOP LIP OF BALL VALVE, ON 12" DECK PIPE. NOTE: GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK..

REFERENCE GAUGE HEIGHT: 15' 09 1/4" PORT 15' 09 1/4" STARBOARD REFERENCE GAUGE HEIGHT:

OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

DATE COMPUTED: 12/24/07 BY: WHF DATE ISSUED: 12/26/07

INTERTEK - CALEB BRETT



BARGE "HSM - 3221" HARDIN STREET MARINE

2 PORT OR STBD INNAGE TABLE

CAPACI	ITIES GIVEN	IN BA	RRELS OF 42	U.S. G	GALLONS						FOR MAN	UAL G	AUGING AT 2" E	BALL V	ALVE LOCATED	NEAF	R GEOMETRIC CE	NTER	OF TANK								HULL No.	06-21	10
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.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14

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.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.
0	20.08	0	386.41	0	768.72	0	1,151.03	0	1,533.34	0	1,915.65	0	2,297.96	0	2680.27	0	3062.58	0	3444.89	0	3,827.21	0	4,209.52	0	4,591.83	0	4,974.14	0	5,356.45
1/4	25.05	1/4	394.38	1/4	776.69	1/4	1,159.00	1/4	1,541.31	1/4	1,923.62	1/4	2,305.93	1/4	2688.24	1/4	3070.55	1/4	3452.86	1/4	3,835.17	1/4	4,217.48	1/4	4,599.79	1/4	4,982.10	1/4	5,364.41
1/2	30.02	1/2	402.34	1/2	784.65	1/2	1,166.96	1/2	1,549.27	1/2	1,931.58	1/2	2,313.89	1/2	2696.20	1/2	3078.51	1/2	3460.82	1/2	3,843.13	1/2	4,225.45	1/2	4,607.76	1/2	4,990.07	1/2	5,372.38
3/4	34.98	3/4	410.31	3/4	792.62	3/4	1,174.93	3/4	1,557.24	3/4	1,939.55	3/4	2,321.86	3/4	2704.17	3/4	3086.48	3/4	3468.79	3/4	3,851.10	3/4	4,233.41	3/4	4,615.72	3/4	4,998.03	3/4	5,380.34
1	39.95	1	418.27	1	800.58	1	1,182.89	1	1,565.20	1	1,947.51	1	2,329.82	1	2712.13	1	3094.44	1	3476.75	1	3,859.06	1	4,241.37	1	4,623.69	1	5,006.00	1	5,388.31
1/4	46.92	1/4	426.24	1/4	808.55	1/4	1,190.86	1/4	1,573.17	1/4	1,955.48	1/4	2,337.79	1/4	2720.10	1/4	3102.41	1/4	3484.72	1/4	3,867.03	1/4	4,249.34	1/4	4,631.65	1/4	5,013.96	1/4	5,396.27
1/2	53.89	1/2	434.20	1/2	816.51	1/2	1,198.82	1/2	1,581.13	1/2	1,963.44	1/2	2,345.75	1/2	2728.06	1/2	3110.37	1/2	3492.68	1/2	3,874.99	1/2	4,257.30	1/2	4,639.61	1/2	5,021.93	1/2	5,404.24
3/4	60.85	3/4	442.17	3/4	824.48	3/4	1,206.79	3/4	1,589.10	3/4	1,971.41	3/4	2,353.72	3/4	2736.03	3/4	3118.34	3/4	3500.65	3/4	3,882.96	3/4	4,265.27	3/4	4,647.58	3/4	5,029.89	3/4	5,412.20
2	67.82	2	450.13	2	832.44	2	1,214.75	2	1,597.06	2	1,979.37	2	2,361.68	2	2743.99	2	3126.30	2	3508.61	2	3,890.92	2	4,273.23	2	4,655.54	2	5,037.85	2	5,420.17
1/4	75.78	1/4	458.09	1/4	840.41	1/4	1,222.72	1/4	1,605.03	1/4	1,987.34	1/4	2,369.65	1/4	2751.96	1/4	3134.27	1/4	3516.58	1/4	3,898.89	1/4	4,281.20	1/4	4,663.51	1/4	5,045.82	1/4	5,428.13
1/2	83.75	1/2	466.06	1/2	848.37	1/2	1,230.68	1/2	1,612.99	1/2	1,995.30	1/2	2,377.61	1/2	2759.92	1/2	3142.23	1/2	3524.54	1/2	3,906.85	1/2	4,289.16	1/2	4,671.47	1/2	5,053.78	1/2	5,436.09
3/4	91.71	3/4	474.02	3/4	856.33	3/4	1,238.65	3/4	1,620.96	3/4	2,003.27	3/4	2,385.58	3/4	2767.89	3/4	3150.20	3/4	3532.51	3/4	3,914.82	3/4	4,297.13	3/4	4,679.44	3/4	5,061.75	3/4	5,444.06
3	99.68	3	481.99	3	864.30	3	1,246.61	3	1,628.92	3	2,011.23	3	2,393.54	3	2775.85	3	3158.16	3	3540.47	3	3,922.78	3	4,305.09	3	4,687.40	3	5,069.71	3	5,452.02
1/4	107.64	1/4	489.95	1/4	872.26	1/4	1,254.57	1/4	1,636.89	1/4	2,019.20	1/4	2,401.51	1/4	2783.82	1/4	3166.13	1/4	3548.44	1/4	3,930.75	1/4	4,313.06	1/4	4,695.37	1/4	5,077.68	1/4	5,459.99
1/2	115.61	1/2	497.92	1/2	880.23	1/2	1,262.54	1/2	1,644.85	1/2	2,027.16	1/2	2,409.47	1/2	2791.78	1/2	3174.09	1/2	3556.40	1/2	3,938.71	1/2	4,321.02	1/2	4,703.33	1/2	5,085.64	1/2	5,467.95
3/4	123.57	3/4	505.88	3/4	888.19	3/4	1,270.50	3/4	1,652.81	3/4	2,035.13	3/4	2,417.44	3/4	2799.75	3/4	3182.06	3/4	3564.37	3/4	3,946.68	3/4	4,328.99	3/4	4,711.30	3/4	5,093.61	3/4	5,475.92
4	131.54	4	513.85	4	896.16	4	1,278.47	4	1,660.78	4	2,043.09	4	2,425.40	4	2807.71	4	3190.02	4	3572.33	4	3,954.64	4	4,336.95	4	4,719.26	4	5,101.57	4	5,483.88
1/4	139.50	1/4	521.81	1/4	904.12	1/4	1,286.43	1/4	1,668.74	1/4	2,051.05	1/4	2,433.37	1/4	2815.68	1/4	3197.99	1/4	3580.30	1/4	3,962.61	1/4	4,344.92	1/4	4,727.23	1/4	5,109.54	1/4	5,491.85
1/2	147.47	1/2	529.78	1/2	912.09	1/2	1,294.40	1/2	1,676.71	1/2	2,059.02	1/2	2,441.33	1/2	2823.64	1/2	3205.95	1/2	3588.26	1/2	3,970.57	1/2	4,352.88	1/2	4,735.19	1/2	5,117.50	1/2	5,499.81
3/4	155.43	3/4	537.74	3/4	920.05	3/4	1,302.36	3/4	1,684.67	3/4	2,066.98	3/4	2,449.29	3/4	2831.61	3/4	3213.92	3/4	3596.23	3/4	3,978.54	3/4	4,360.85	3/4	4,743.16	3/4	5,125.47	3/4	5,507.78
5	163.40	5	545.71	5	928.02	5	1,310.33	5	1,692.64	5	2,074.95	5	2,457.26	5	2839.57	5	3221.88	5	3604.19	5	3,986.50	5	4,368.81	5	4,751.12	5	5,133.43	5	5,515.74
1/4	171.36	1/4	553.67	1/4	935.98	1/4	1,318.29	1/4	1,700.60	1/4	2,082.91	1/4	2,465.22	1/4	2847.53	1/4	3229.85	1/4	3612.16	1/4	3,994.47	1/4	4,376.78	1/4	4,759.09	1/4	5,141.40	1/4	5,522.57
1/2	179.33	1/2	561.64	1/2	943.95	1/2	1,326.26	1/2	1,708.57	1/2	2,090.88	1/2	2,473.19	1/2	2855.50	1/2	3237.81	1/2	3620.12	1/2	4,002.43	1/2	4,384.74	1/2	4,767.05	1/2	5,149.36	1/2	5,529.39
3/4	187.29	3/4	569.60	3/4	951.91	3/4	1,334.22	3/4	1,716.53	3/4	2,098.84	3/4	2,481.15	3/4	2863.46	3/4	3245.77	3/4	3628.09	3/4	4,010.40	3/4	4,392.71	3/4	4,775.02	3/4	5,157.33	3/4	5,536.21
6	195.26	6	577.57	6	959.88	6	1,342.19	6	1,724.50	6	2,106.81	1/4	2,489.12	6	2871.43	6	3253.74	6	3636.05	6	4,018.36	6	4,400.67	6	4,782.98	6	5,165.29	6	5,543.04
1/4	203.22	1/4	585.53	1/4	967.84	1/4	1,350.15	1/4	1,732.46	1/4	2,114.77	1/4	2,497.08	1/4	2879.39	1/4	3261.70	1/4	3644.01	1/4	4,026.33	1/4	4,408.64	1/4	4,790.95	1/4	5,173.26	1/4	5,548.72
1/2 3/4	211.19	1/2 3/4	593.50	1/2 3/4	975.81	1/2 3/4	1,358.12	1/2	1,740.43	1/2	2,122.74	1/2	2,505.05	1/2 3/4	2887.36	1/2 3/4	3269.67	1/2 3/4	3651.98	1/2 3/4	4,034.29	3/4	4,416.60	1/2 3/4	4,798.91	1/2 3/4	5,181.22	1/2	5,554.40
	219.15		601.46 609.43	3/4 7	983.77 991.74	3/4	1,366.08	3/4	1,748.39	3/4 7	2,130.70	3/4	2,513.01	3/4	2895.32	3/4 7	3277.63 3285.60	~, .	3659.94 3667.91	3/4 7	4,042.25	3/4 7	4,424.57	3/4	4,806.88	3/4	5,189.19	3/4	5,560.09
7	227.12	7	617.39		991.74	1/4	1,374.05 1,382.01	1/4	1,756.36 1,764.32	1/4	2,138.67	1/4	2,520.98 2,528.94	1/4	2903.29	1/4		7		1/4	4,050.22 4,058.18	1/4	4,432.53	1/4	4,814.84 4,822.81	1/4	5,197.15 5,205.12	1/4	5,565.77
1/4	235.08	1/4		1/4		1/4	•	1/4	•	1/4	2,146.63	1/4	•	1/4	2911.25		3293.56		3675.87		•	1/4	4,440.49	1/4	•		•	1/4	5,570.31
1/2 3/4	243.05 251.01	1/2 3/4	625.36 633.32	1/2 3/4	1,007.67 1,015.63	3/4	1,389.98 1,397.94	3/4	1,772.29 1,780.25	1/2	2,154.60 2,162.56	2/4	2,536.91 2,544.87	2/4	2919.22 2927.18	1/2 3/4	3301.53 3309.49	1/2 3/4	3683.84 3691.80	1/2 3/4	4,066.15 4,074.11	1/2	4,448.46 4,456.42	2/4	4,830.77 4,838.73	1/2 3/4	5,213.08 5,221.05	3/4	5,574.85 5,579.39
8	251.01	8	641.29	8	1,013.63	8	1,405.91	8	1,788.22	8	2,102.50	3/4	2,552.84	8	2935.15	8	3317.46	8	3699.77	8	4,074.11	8	4,456.42	8	4,836.73	3/4	5,229.01	8	5,583.93
1/4	266.94	1/4	649.25	1/4	1,023.00	1/4	1,403.91	1/4	1,786.22	1//	2,170.33	1/4	2,560.80	1//	2933.13	1/4	3325.42	1/4	3707.73	1/4	4,082.08	1/4	4,404.39	1/4	4,854.66	1/4	5,236.97	1/4	5,587.33
1/2	274.90	1/2	657.21	1/2	1,031.50	1/7	1,421.84	1/2	1,804.15	1/2	2,176.49	1/7	2,568.77	1/2	2951.08	1/2	3333.39	1/2	3715.70	1/7	4,098.01	1/2	4,480.32	1/7	4,862.63	1/2	5,244.94	1/2	5,590.73
3/4	282.87	3/4	665.18	3/4	1,039.33	3/4	1,429.80	3/4	1,812.11	3//	2,180.40	3/4	2,576.73	3/4	2959.04	3/4	3341.35	3/4	3713.70	3/4	4,105.97	3/4	4,488.28	3/4	4,870.59	3/4	5,252.90	3/4	5,594.14
9	290.83	9	673.14	9	1,055.45	9	1,437.77	9	1,820.08	9	2,202.39	9	2,584.70	9	2967.01	9	3349.32	9	3731.63	9	4,113.94	9	4,496.25	9	4,878.56	9	5,260.87	9	5,597.54
1/4	298.80	1/4	681.11	1/4	1,063.42	1/4	1,445.73	1/4	1,828.04	1/4	2,202.39	1/4	2,592.66	1/4	2974.97	1/4	3357.28	1/4	3731.03	1/4	4,113.94	1/4	4,504.21	1/4	4,886.52	1/4	5,268.83	1/4	5,599.79
1/2	306.76	1/2	689.07	1/2	1,003.42	1/2	1,453.69	1/2	1,836.01	1/2	2,218.32	1/2	2,600.63	1/2	2982.94	1/2	3365.25	1/2	3747.56	1/2	4,129.87	1/2	4,512.18	1/2	4,894.49	1/2	5,276.80	1/2	5,602.05
3/4	314.73	3/4	697.04	3/4	1,071.35	3/4	1,461.66	3/4	1,843.97	3/4	2,216.32	3/4	2,608.59	3/4	2990.90	3/4	3373.21	3/4	3755.52	3/4	4,137.83	3/4	4,520.14	3/4	4,902.45	3/4	5,284.76	3/4	5,604.31
10	322.69	10	705.00	10	1,087.31	10	1,469.62	10	1,851.93	10	2,234.25	10	2,616.56	10	2998.87	10	3381.18	10	3763.49	10	4,145.80	10	4,528.11	10	4,910.42	10	5,292.73	10	5,606.57
1/4	330.66	1/4	703.00	1/4	1,007.31	1/4	1,477.59	1/4	1,859.90	1/4	2,242.21	1/4	2,624.52	1/4	3006.83	1/4	3389.14	1/4	3771.45	1/4	4,153.76	1/4	4,536.07	1/4	4,918.38	1/4	5,300.69	1/4	5,607.69
1/2	338.62	1/2	720.93	1/2	1,103.24	1/2	1,485.55	1/2	1,867.86	1/2	2,250.17	1/2	2,632.49	1/2	3014.80	1/2	3397.11	1/2	3779.42	1/2	4,161.73	1/2	4,544.04	1/2	4,926.35	1/2	5,308.66	1/2	5,608.81
3/4	346.59	3/4	728.90	3/4	1,111.21	3/4	1,493.52	3/4	1,875.83	3/4	2,258.14	3/4	2,640.45	3/4	3022.76	3/4	3405.07	3/4	3787.38	3/4	4,169.69	3/4	4,552.00	3/4	4,934.31	3/4	5,316.62	3/4	5,609.93
11	354.55	11	736.86	11	1,119.17	11	1,501.48	11		11	2,266.10	11	2,648.41	11	3030.73	11	3413.04	11	3795.35	11	4,177.66	11	4,559.97	11	4,942.28	11	5,324.59	11	5,611.05
1/4	362.52	1/4	744.83	1/4	1,127.14	1/4	1,509.45	1/4	1,891.76	1/4	2,274.07	1/4	2,656.38	1/4	3038.69	1/4	3421.00	1/4	3803.31	1/4	4,185.62	1/4	4,567.93	1/4	4,950.24	1/4	5,332.55	1/4	5,611.60
1/2	370.48	1/2	752.79	1/2	1,135.10	1/2	1,517.41	1/2	1,899.72	1/2	2,282.03	1/2	2,664.34	1/2	3046.65	1/2	3428.97	1/2	3811.28	1/2	4,193.59	1/2	4,575.90	1/2	4,958.21	1/2	5,340.52	1/2	5,612.16
3/4	378.45	3/4	760.76	3/4	1,143.07	3/4	1,525.38	3/4	1,907.69	3/4	2,290.00	3/4	2,672.31	3/4	3054.62	3/4	3436.93	3/4	3819.24	3/4	4,201.55	3/4	4,583.86	3/4	4,966.17	3/4	5,348.48	3/4	5,612.72
		O TOP LIP	OF BALL VALVE,	ON 12" DE			,	,			, -	THIS C	CHART IS CERTIFI	IED FOR	THE ABOVE N	AMED TA	NK ONLY. NO C	HANGES		- ,	ATE STRAPPED:			, - 1		/ _			D DDETT

NOTE: GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK.. REFERENCE GAUGE HEIGHT: 15' 09 1/4" PORT

REFERENCE GAUGE HEIGHT: 15' 09 1/4" PORT
REFERENCE GAUGE HEIGHT: 15' 09 1/4" STARBOARD

OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

DATE COMPUTED: 12/24/07 BY: WHF DATE ISSUED: 12/26/07





BARGE "HSM - 3221" HARDIN STREET MARINE

3 PORT OR STBD INNAGE TABLE

No. Pet. M	CAPA	CITIES GIVEN	IN BAR	RELS OF 42	U.S. GAI	LLONS						FOR MAN	UAL GA	AUGING AT 2" E	BALL VA	LVE LOCATED	NEAR (SEOMETRIC C	ENTER	OF TANK								HULL No.	06-211	0
	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.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.
Fig.	0	18.85	0	362.82	0	721.80	0	1,080.77	0	1,439.74	0	1,798.72	0	2,157.69	0	2516.66	0	2875.63	0	3234.61	0	3,575.61	0	3,838.72	0	4,101.83	0	4,364.94	0	4,628.05
1	1/4		1/4				1/4	1,088.25	1/4	1,447.22	1/4	1,806.19	1/4	2,165.17	1/4	2524.14	1/4	2883.11	1/4	3242.09	1/4	3,581.09	1/4	•	1/4	4,107.31	1/4	•	1/4	4,633.54
1	1/2	28.18	1/2	377.78	1/2	736.75	1/2	1,095.73	1/2	1,454.70	1/2	1,813.67	1/2	2,172.65	1/2	2531.62	1/2	2890.59	1/2	3249.56	1/2	3,586.57	1/2	3,849.68	1/2	4,112.79	1/2	4,375.90	1/2	4,639.02
14	3/4	32.85	3/4	385.26	3/4	744.23	3/4	1,103.21	3/4	1,462.18	3/4	1,821.15	3/4	2,180.12	3/4	2539.10	3/4	2898.07	3/4	3257.04	3/4	3,592.05	3/4	3,855.16	3/4	4,118.27	3/4	4,381.39	3/4	4,644.50
	1	37.52	1	392.74	1	751.71	1	1,110.68	1	1,469.66	1	1,828.63	1	2,187.60	1	2546.58	1	2905.55	1	3264.52	1	3,597.53	1	3,860.64	1	4,123.76	1	4,386.87	1	4,649.98
\$\frac{1}{2}\$\fr	1/4	44.06	1/4	400.22	1/4	759.19	1/4	1,118.16	1/4	1,477.14	1/4	1,836.11	1/4	2,195.08	1/4	2554.05	1/4	2913.03	1/4	3272.00	1/4	3,603.01	1/4	3,866.13	1/4	4,129.24	1/4	4,392.35	1/4	4,655.46
2	1/2	50.60	1/2	407.70	1/2	766.67	1/2	1,125.64	1/2	1,484.61	1/2	1,843.59	1/2	2,202.56	1/2	2561.53	1/2	2920.51	1/2	3279.48	1/2	3,608.49	1/2	3,871.61	1/2	4,134.72	1/2	4,397.83	1/2	4,660.94
	3/4	57.14	3/4	415.17	3/4	774.15	3/4	1,133.12	3/4	1,492.09	3/4	1,851.07	3/4	2,210.04	3/4	2569.01	3/4	2927.98	3/4	3286.96	3/4	3,613.98	3/4	3,877.09	3/4	4,140.20	3/4	4,403.31	3/4	4,666.42
14	2	63.68	2	422.65	2	781.63	2	1,140.60	2	1,499.57	2	1,858.54	2	2,217.52	2	2576.49	2	2935.46	2	3294.44	2	3,619.46	2	3,882.57	2	4,145.68	2	4,408.79	2	4,671.91
Section Sect		71.16		430.13		789.10		1,148.08	1/4	1,507.05	1/4	1,866.02	1/4	2,225.00	1/4	2583.97	1/4	2942.94		3301.91		3,624.94	1/4	3,888.05	1/4	4,151.16	1/4	4,414.28	1/4	4,677.39
3 93.59 3 35.67 3 811.54 3 1.170.51 3 1.528.69 3 1.888.66 3 2.247.43 3 2.665.60 3 2.665.80 2.4		78.64	1/2	437.61	1/2	796.58	1/2	1,155.56	1/2	1,514.53	1/2	1,873.50	1/2	2,232.47	1/2	2591.45	1/2	2950.42		3309.39		3,630.42	1/2	3,893.53	1/2	4,156.64	1/2	4,419.76	1/2	4,682.87
10.107	3/4	86.12	3/4	445.09	3/4	804.06	3/4	1,163.03	3/4	1,522.01	3/4	1,880.98	3/4	2,239.95	3/4	2598.93	3/4	2957.90	3/4	3316.87	3/4	3,635.90	3/4	3,899.01	3/4	4,162.13	3/4	4,425.24	3/4	4,688.35
		93.59		452.57		811.54		1,170.51		•	3	1,888.46	3	•	3	2606.40	3	2965.38		3324.35		3,641.38	3	3,904.50	3	4,167.61	3	4,430.72	3	4,693.83
16.03 74 475.00 74 833.98 74 1,192.95 74 1,910.89 74 1,910.89 74 2,928.87 74 2,9	1/4	101.07	1/4	460.05	1/4	819.02	1/4	1,177.99	1/4	1,536.96	1/4	1,895.94	1/4	2,254.91	1/4	2613.88	1/4	2972.86	1/4	3331.83	1/4	3,646.87	1/4	3,909.98	1/4	4,173.09	1/4	4,436.20	1/4	4,699.31
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AND SHAPE OF THE STATE OF THE S			O TOP LIP		υ, .		-, •	_,	-/ -	_,	, -, •	-,	THIS C		IED FOR		MED TAN		υ, .		~/ .	- /	12/10/07		, •	.,	-, -	,	-/ -	

NOTE: GAUGE POINT: TO TOP LIP OF BALL VALVE, ON 12" DECK PIPE. NOTE: GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK.. REFERENCE GAUGE HEIGHT: 15' 09" PORT 15' 09 3/4" STARBOARD REFERENCE GAUGE HEIGHT:

OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

DATE COMPUTED: 12/24/07 BY: WHF DATE ISSUED: 12/26/07

INTERTEK - CALEB BRETT



BARGE "HSM 3221" HULL NO. 06-2110

PORT/STBD SLOP TANK COMBINED

GAUGE HEIGHT PORT: 5'5" GAUGE HEIGHT STBD: 5'5"

CAPAC	ITIES GIVEN IN	WHOLE	U.S. GALLONS														UGE HEIGHT PC		
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,984	0	3,969	0	5,953	0	7,937	0		0		0		0		0	
1/4	41	1/4	2,026	1/4	4,010	1/4	5,994	1/4	7,978	1/4		1/4		1/4	-	1/4		1/4	
1/2	83	1/2	2,067	1/2	4,051	1/2	6,035	1/2	8,020	1/2		1/2		1/2		1/2		1/2	
3/4	124	3/4	2,108	3/4	4,093	3/4	6,077	3/4	8,061	3/4		3/4	:	3/4		3/4		3/4	
1	165	1	2,150	1	4,134	1	6,118	1	8,102	1		1		1		1		1	
1/4	207	1/4	2,191	1/4	4,175	1/4	6,159	1/4	8,144	1/4		1/4		1/4		1/4		1/4	
1/2	248	1/2	2,232	1/2	4,217	1/2	6,201	1/2	8,185	1/2		1/2		1/2		1/2		1/2	
3/4	289	3/4	2,274	3/4	4,258	3/4	6,242	3/4	8,226	3/4		3/4		3/4	3	3/4		3/4	
2	331	2	2,315	2	4,299	2	6,284	2	8,268	2		2		2		2		2	
1/4	372	1/4	2,356	1/4	4,341	1/4	6,325	1/4	8,309	1/4		1/4		1/4	-	1/4		1/4	
1/2	413	1/2	2,398	1/2	4,382	1/2	6,366	1/2	8,350	1/2		1/2		1/2		1/2		1/2	
3/4	455	3/4	2,439	3/4	4,423	3/4	6,408	3/4	8 , 392	3/4		3/4	;	3/4	3	3/4		3/4	
3	496	3	2,480	3	4,465	3	6,449	3	8,433	3		3		3		3		3	
1/4	537	1/4	2,522	1/4	4,506	1/4	6,490	1/4	8,474	1/4		1/4		1/4	<u> </u>	1/4		1/4	
1/2	579	1/2	2,563	1/2	4,547	1/2	6 , 532	1/2	8,516	1/2		1/2	L	1/2		1/2		1/2	
3/4	620	3/4	2,604	3/4	4,589	3/4	6 , 573	3/4	8,557	3/4		3/4	;	3/4		3/4		3/4	
4	661	4	2,646	4	4,630	4	6,614	4	8,598	4		4		4	<u> </u>	4		4	
1/4	703	1/4	2,687	1/4	4,671	1/4	6,656	1/4	8,640	1/4		1/4		1/4		1/4		1/4	
1/2	744	1/2	2,728	1/2	4,713	1/2	6 , 697	1/2	8,681	1/2		1/2		1/2	<u> </u>	1/2		1/2	
3/4	785	3/4	2,770	3/4	4,754	3/4	6 , 738	3/4	8,723	3/4		3/4		3/4		3/4		3/4	
5	827	5	2,811	5	4,795	5	6 , 780	5	8,764	5		5		5		5		5	
1/4	868	1/4	2,852	1/4	4,837	1/4	6,821	1/4	8,805	1/4		1/4	L	1/4	<u> </u>	1/4		1/4	
1/2	909	1/2	2,894	1/2	4,878	1/2	6,862	1/2	8,847	1/2		1/2	L	1/2		1/2		1/2	
3/4	951	3/4	2,935	3/4	4,919	3/4	6,904	3/4	8,888	3/4		3/4		3/4		3/4		3/4	
6	992	6	2,976	6	4,961	6	6,945	6	8,929	6		6	_	6	<u> </u>	6	-	6	
1/4	1,033	1/4	3,018	1/4	5,002	1/4	6,986	1/4	8,971	1/4		1/4		1/4		1/4		1/4	
1/2	1,075	1/2	3,059	1/2	5,043	1/2	7,028	1/2	9,012	3/4		3/4		1/2 3/4	<u> </u>	1/2		3/4	
3/4	1,116	3/4	3,100	3/4	5,085	3/4	7,069	3/4	9,053				,			3/4			
7	1,157 1,199	7	3,142	7	5,126	7	7,110	1/4	9,095	7		7	_	7		7		7	
1/4	1,199	1/4	3,183 3,224	1/4	5,167 5,209	1/4	7,152 7,193	1/4	9,136 9,177	1/4		1/4		1/4	<u> </u>	1/4		1/4	
3/4	1,240	3/4	3,224	3/4	5,209	3/4	7,193	3/4	9,177	3/4		3/4	L	3/4		3/4		3/4	
8	1,323	8	3,307	8	5,291	8	7,276	8	9,219	8		8	,	8		8		8	
1/4	1,323	1/4	3,348	1/4	5,333	1/4	7,317	1/4	9,301	1/4		1/4	 	1/4		1/4	H	1/4	
1/2	1,406	1/4	3,340	1/4	5,333	1/4	7,317	1/4	9,301	1/4		1/4	L	1/2		1/2		1/2	
3/4	1,447	3/4	3,431	3/4	5,415	3/4	7,400	3/4	9,384	3/4		3/4	L	3/4		3/4		3/4	
9	1,488	9	3,472	9	5,457	9	7,441	9	9,425	9		9		9		9		9	
1/4	1,530	1/4	3,514	1/4	5,498	1/4	7,441	1/4	9,423	1/4		1/4	 -	1/4		1/4	F	1/4	
1/2	1,571	1/2	3,555	1/2	5,539	1/2	7,524	1/2	9,508	1/2		1/2		1/2		1/2	L	1/2	
3/4	1,612	3/4	3,596	3/4	5,581	3/4	7,565	3/4	9,549	3/4		3/4	<u>L</u>	3/4		3/4		3/4	
10	1,654	10	3,638	10	5,622	10	7,606	10	9,591	10		10		10		10		10	
1/4	1,695	1/4	3,679	1/4	5,663	1/4	7,648	1/4	9,632	1/4		1/4		1/4		1/4	F	1/4	
1/2	1,736	1/2	3,721	1/2	5,705	1/2	7,689	1/2	9,673	1/2		1/2		1/2	<u> </u>	1/2		1/2	
3/4	1,778	3/4	3,762	3/4	5,746	3/4	7,730	3/4	9,715	3/4		3/4	<u>L</u>	3/4		3/4		3/4	
11	1,819	11	3,803	11	5,787	11	7,772	11	9,756	11		11		11		11		11	
1/4	1,860	1/4	3,845	1/4	5,829	1/4	7,813	1/4	9,797	1/4		1/4		1/4		1/4	ŀ	1/4	
1/2	1,902	1/2	3,886	1/2	5,870	1/2	7,854	1/2	9,839	1/2		1/2		1/2		1/2		1/2	
3/4	1,943	3/4	3,927	3/4	5,911	3/4	7,896	3/4	9,880	3/4		3/4	L	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.

INTERTEK - CALEB BRETT

DATE STRAPPED: 12/10/07 BY: JF DATE COMPUTED: 12/24/07 BY: WHF DATE ISSUED: 12/26/07

M. June



HSM 3221 Hull No. 06-2110

TANK NUMBER: 500 Gallon Fuel

CAPA	CITY IN WHO	DLE U.S	. GALLONS																т	OTAL	GAUGE HE	IGHT:	3'10 1/4"
IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.	IN	5 FT.	IN	5 FT.
0	0	6	43	0	117	6	203	0	293	6	379	0	453	6	497	0		6		0		6	
1/8	0	1/8	45	1/8	118	1/8	205	1/8	294	1/8	381	1/8	454	1/8		1/8		1/8		1/8		1/8	
1/4	1	1/4	46	1/4	120	1/4	206	1/4	296	1/4	382	1/4	455	1/4		1/4		1/4		1/4		1/4	
3/8	1	3/8	47	3/8	122	3/8	208	3/8	298	3/8	384	3/8	457	3/8		3/8		3/8		3/8		3/8	
1/2	2	1/2	49	1/2	124	1/2	210	1/2	300	1/2	386	1/2	458	1/2		1/2		1/2		1/2		1/2	
5/8	2	5/8	50	5/8	125	5/8	212	5/8	302	5/8	387	5/8	459	5/8		5/8		5/8		5/8		5/8	
3/4	2	3/4	52	3/4	127	3/4	214	3/4	304	3/4	389	3/4	460	3/4		3/4		3/4		3/4		3/4	
7/8	3	7/8	53	7/8	129	7/8	216	7/8	306	7/8	391	7/8	462	7/8		7/8		7/8		7/8		7/8	
1	3	7	54	1	130	7	218	1	307	7	392	1	463	7		1		7		1		7	
-	4	1/8	56	1/8	132	1/8	220	1/8	307	1/8	394	1/8	464	1/8		1/8		1/8		1/8		1/8	
1/8	4	1/4	57	1/4	134	1/4	221	1/4	311	1/4	396	1/4	465	1/4		1/4		1/4		1/4		1/4	
				3/8				3/8										3/8		3/8		3/8	
3/8	5	3/8	59		136	3/8	223		313	3/8	397	3/8	466	3/8		3/8							
1/2	6	1/2	60	1/2	137	1/2	225	1/2	315	1/2	399	1/2	468	1/2		1/2		1/2		1/2		1/2	
5/8	7	5/8	61	5/8	139	5/8	227	5/8	317	5/8	400	5/8	469	5/8		5/8		5/8		5/8		5/8	
3/4	7	3/4	63	3/4	141	3/4	229	3/4	318	3/4	402	3/4	470	3/4		3/4		3/4		3/4		3/4	
7/8	8	7/8	64	7/8	143	7/8	231	7/8	320	7/8	404	7/8	471	7/8		7/8		7/8		7/8		7/8	
2	9	8	66	2	144	8	233	2	322	8	405	2	472	8		2		8		2		8	
1/8	9	1/8	67	1/8	146	1/8	235	1/8	324	1/8	407	1/8	473	1/8		1/8		1/8		1/8		1/8	
1/4	10	1/4	69	1/4	148	1/4	236	1/4	326	1/4	409	1/4	474	1/4		1/4		1/4		1/4		1/4	
3/8	11	3/8	70	3/8	150	3/8	238	3/8	328	3/8	410	3/8	476	3/8		3/8		3/8		3/8		3/8	
1/2	12	1/2	72	1/2	152	1/2	240	1/2	329	1/2	412	1/2	477	1/2		1/2		1/2		1/2		1/2	
5/8	13	5/8	73	5/8	153	5/8	242	5/8	331	5/8	413	5/8	478	5/8		5/8		5/8		5/8		5/8	
3/4	14	3/4	75	3/4	155	3/4	244	3/4	333	3/4	415	3/4	479	3/4		3/4		3/4		3/4		3/4	
7/8	15	7/8	76	7/8	157	7/8	246	7/8	335	7/8	416	7/8	480	7/8		7/8		7/8		7/8		7/8	
3	16	9	78	3	159	9	248	3	337	9	418	3	481	9		3		9		3		9	
1/8	17	1/8	79	1/8	161	1/8	250	1/8	338	1/8	420	1/8	482	1/8		1/8		1/8		1/8		1/8	
1/4	18	1/4	81	1/4	162	1/4	251	1/4	340	1/4	421	1/4	483	1/4		1/4		1/4		1/4		1/4	
3/8	19	3/8	82	3/8	164	3/8	253	3/8	342	3/8	423	3/8	484	3/8		3/8		3/8		3/8		3/8	
1/2	20	1/2	84	1/2	166	1/2	255	1/2	344	1/2	424	1/2	484	1/2		1/2		1/2		1/2		1/2	
5/8	21	5/8	86	5/8	168	5/8	257	5/8	346	5/8	426	5/8	485	5/8		5/8		5/8		5/8		5/8	
3/4	22	3/4	87	3/4	170	3/4	259	3/4	347	3/4	427	3/4	486	3/4		3/4		3/4		3/4		3/4	
7/8	23	7/8	89	7/8	171	7/8	261	7/8	349	7/8	429	7/8	487	7/8		7/8		7/8		7/8		7/8	
4	24	10	90	4	173	10	263	4	351	10	430	4	488	10		4		10		4		10	
1/8	25	1/8	92	1/8	175	1/8	265	1/8	353	1/8	432	1/8	489	1/8		1/8		1/8		1/8		1/8	
1/4	26	1/4	94	1/4	177	1/4	266	1/4	355	1/4	433	1/4	490	1/4		1/4		1/4		1/4		1/4	
3/8	27	3/8	95	3/8	177	3/8	268	3/8	356	3/8	434	3/8	490	3/8		3/8		3/8		3/8		3/8	
1/2	29	1/2	93 97	1/2	181	1/2	270	1/2	358	1/2	434	1/2	490	1/2		1/2		1/2		1/2		1/2	
5/8	30	5/8	97 98	5/8	182	5/8	270 272	5/8	360	5/8	436	5/8	491	5/8		5/8		5/8		5/8		5/8	
3/4	30	3/4	100	3/4	184		272 274	3/4	362	3/4	437	3/4	492 492	3/4		3/4		3/4		3/4		3/4	
-	_				_	3/4							_	-									
7/8	32	7/8	102	7/8	186	7/8	276	7/8	363	7/8	440	7/8	493	7/8		7/8		7/8		7/8		7/8	
5	33	11	103	5	188	11	278	5	365	11	442	5	494	11		5		11		5		11	
1/8	35	1/8	105	1/8	190	1/8	280	1/8	367	1/8	443	1/8	494	1/8		1/8		1/8		1/8		1/8	
1/4	36	1/4	107	1/4	192	1/4	281	1/4	369	1/4	444	1/4	495	1/4		1/4		1/4		1/4		1/4	
3/8	37	3/8	108	3/8	193	3/8	283	3/8	370	3/8	446	3/8	495	3/8		3/8		3/8		3/8		3/8	
1/2	38	1/2	110	1/2	195	1/2	285	1/2	372	1/2	447	1/2	496	1/2		1/2		1/2		1/2		1/2	
5/8	40	5/8	112	5/8	197	5/8	287	5/8	374	5/8	449	5/8	496	5/8		5/8		5/8		5/8		5/8	
3/4	41	3/4	113	3/4	199	3/4	289	3/4	375	3/4	450	3/4	497	3/4		3/4		3/4		3/4		3/4	
7/8	42	7/8	115	7/8	201	7/8	291	7/8	377	7/8	451	7/8	497	7/8		7/8		7/8		7/8		7/8	

DATE OF CALIBRATION: DECEMBER 10, 2007 BY:JF DATE OF CALCULATION: DECEMBER 26, 2007 BY:WHF DATE OF ISSUE: DECEMBER 26, 2007

INTERTEK - CALEB BRETT