



Caleb Brett

IB1048

HULL NO. 04-2174

TANK NO. 1
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-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.
0	35	0	10,072	0	21,554	0	33,018	0	44,494	0	55,970	0	67,447	0	78,923	0	90,400	0	101,876
1/4	45	1/4	10,311	1/4	21,793	1/4	33,257	1/4	44,733	1/4	56,209	1/4	67,686	1/4	79,162	1/4	90,639	1/4	102,115
1/2	75	1/2	10,550	1/2	22,033	1/2	33,496	1/2	44,972	1/2	56,449	1/2	67,925	1/2	79,401	1/2	90,878	1/2	102,354
3/4	125	3/4	10,790	3/4	22,272	3/4	33,735	3/4	45,211	3/4	56,688	3/4	68,164	3/4	79,640	3/4	91,117	3/4	102,593
1	195	1	11,029	1	22,511	1	33,974	1	45,450	1	56,927	1	68,403	1	79,879	1	91,356	1	102,832
1/4	284	1/4	11,268	1/4	22,750	1/4	34,213	1/4	45,689	1/4	57,166	1/4	68,642	1/4	80,119	1/4	91,595	1/4	103,071
1/2	394	1/2	11,507	1/2	22,990	1/2	34,452	1/2	45,929	1/2	57,405	1/2	68,881	1/2	80,358	1/2	91,834	1/2	103,310
3/4	523	3/4	11,747	3/4	23,229	3/4	34,691	3/4	46,168	3/4	57,644	3/4	69,120	3/4	80,597	3/4	92,073	3/4	103,550
2	673	2	11,986	2	23,468	2	34,930	2	46,407	2	57,883	2	69,359	2	80,836	2	92,312	2	103,789
1/4	842	1/4	12,225	1/4	23,707	1/4	35,169	1/4	46,646	1/4	58,122	1/4	69,599	1/4	80,836	1/4	92,551	1/4	104,028
1/2	1,032	1/2	12,464	1/2	23,946	1/2	35,408	1/2	46,885	1/2	58,361	1/2	69,838	1/2	81,075	1/2	92,790	1/2	104,267
3/4	1,241	3/4	12,703	3/4	24,186	3/4	35,648	3/4	47,124	3/4	58,600	3/4	70,077	3/4	81,314	3/4	93,030	3/4	104,506
3	1,470	3	12,943	3	24,425	3	35,887	3	47,363	3	58,839	3	70,316	3	81,553	3	93,269	3	104,745
1/4	1,700	1/4	13,182	1/4	24,664	1/4	36,126	1/4	47,602	1/4	59,079	1/4	70,555	1/4	81,792	1/4	93,508	1/4	104,984
1/2	1,939	1/2	13,421	1/2	24,903	1/2	36,365	1/2	47,841	1/2	59,318	1/2	70,794	1/2	82,031	1/2	93,747	1/2	105,223
3/4	2,178	3/4	13,660	3/4	25,142	3/4	36,604	3/4	48,080	3/4	59,557	3/4	71,033	3/4	82,270	3/4	93,986	3/4	105,462
4	2,417	4	13,899	4	25,382	4	36,843	4	48,319	4	59,796	4	71,272	4	82,510	4	94,225	4	105,701
1/4	2,656	1/4	14,139	1/4	25,621	1/4	37,082	1/4	48,559	1/4	60,035	1/4	71,511	1/4	82,749	1/4	94,464	1/4	105,940
1/2	2,896	1/2	14,378	1/2	25,860	1/2	37,321	1/2	48,798	1/2	60,274	1/2	71,750	1/2	82,988	1/2	94,703	1/2	106,180
3/4	3,135	3/4	14,617	3/4	26,099	3/4	37,560	3/4	49,037	3/4	60,513	3/4	71,989	3/4	83,227	3/4	94,942	3/4	106,419
5	3,374	5	14,856	5	26,337	5	37,799	5	49,276	5	60,752	5	72,229	5	83,466	5	95,181	5	106,658
1/4	3,613	1/4	15,095	1/4	26,576	1/4	38,039	1/4	49,515	1/4	60,991	1/4	72,468	1/4	83,705	1/4	95,420	1/4	106,897
1/2	3,852	1/2	15,335	1/2	26,814	1/2	38,278	1/2	49,754	1/2	61,230	1/2	72,707	1/2	83,944	1/2	95,660	1/2	107,136
3/4	4,092	3/4	15,574	3/4	27,053	3/4	38,517	3/4	49,993	3/4	61,469	3/4	72,946	3/4	84,183	3/4	95,899	3/4	107,375
6	4,331	6	15,813	6	27,292	6	38,756	6	50,232	6	61,709	6	73,185	6	84,422	6	96,138	6	107,614
1/4	4,570	1/4	16,052	1/4	27,530	1/4	38,995	1/4	50,471	1/4	61,948	1/4	73,424	1/4	84,661	1/4	96,377	1/4	107,853
1/2	4,809	1/2	16,291	1/2	27,769	1/2	39,234	1/2	49,710	1/2	62,187	1/2	73,663	1/2	84,900	1/2	96,616	1/2	108,092
3/4	5,049	3/4	16,531	3/4	28,007	3/4	39,473	3/4	50,949	3/4	62,426	3/4	73,902	3/4	85,139	3/4	96,855	3/4	108,331
7	5,288	7	16,770	7	28,246	7	39,712	7	51,189	7	62,665	7	74,141	7	85,379	7	97,094	7	108,570
1/4	5,527	1/4	17,009	1/4	28,484	1/4	39,951	1/4	51,428	1/4	62,904	1/4	74,380	1/4	85,618	1/4	97,333	1/4	108,810
1/2	5,766	1/2	17,248	1/2	28,723	1/2	40,190	1/2	51,667	1/2	63,143	1/2	74,619	1/2	85,857	1/2	97,572	1/2	109,049
3/4	6,005	3/4	17,488	3/4	28,962	3/4	40,429	3/4	51,906	3/4	63,382	3/4	74,859	3/4	86,096	3/4	97,811	3/4	109,288
8	6,245	8	17,727	8	29,200	8	40,669	8	52,145	8	63,621	8	75,098	8	86,335	8	98,050	8	109,527
1/4	6,484	1/4	17,966	1/4	29,439	1/4	40,908	1/4	52,384	1/4	63,860	1/4	75,337	1/4	86,574	1/4	98,290	1/4	109,766
1/2	6,723	1/2	18,205	1/2	29,677	1/2	41,147	1/2	52,623	1/2	64,099	1/2	75,576	1/2	86,813	1/2	98,529	1/2	109,005
3/4	6,962	3/4	18,444	3/4	29,916	3/4	41,386	3/4	52,862	3/4	64,339	3/4	75,815	3/4	87,052	3/4	98,768	3/4	110,244
9	7,201	9	18,684	9	30,155	9	41,625	9	53,101	9	64,578	9	76,054	9	87,291	9	99,007	9	110,483
1/4	7,441	1/4	18,923	1/4	30,393	1/4	41,864	1/4	53,340	1/4	64,817	1/4	76,293	1/4	87,530	1/4	99,246	1/4	110,722
1/2	7,680	1/2	19,162	1/2	30,632	1/2	42,103	1/2	53,579	1/2	65,056	1/2	76,532	1/2	87,770	1/2	99,485	1/2	110,961
3/4	7,919	3/4	19,401	3/4	30,870	3/4	42,342	3/4	53,819	3/4	65,295	3/4	76,771	3/4	88,009	3/4	99,724	3/4	111,200
10	8,158	10	19,641	10	31,109	10	42,581	10	54,058	10	65,534	10	77,010	10	88,248	10	99,963	10	111,440
1/4	8,398	1/4	19,880	1/4	31,347	1/4	42,820	1/4	54,297	1/4	65,773	1/4	77,249	1/4	88,487	1/4	100,202	1/4	111,679
1/2	8,637	1/2	20,119	1/2	31,586	1/2	43,059	1/2	54,536	1/2	66,012	1/2	77,489	1/2	88,726	1/2	100,441	1/2	111,918
3/4	8,876	3/4	20,358	3/4	31,825	3/4	43,299	3/4	54,775	3/4	66,251	3/4	77,728	3/4	88,965	3/4	100,680	3/4	112,157
11	9,115	11	20,597	11	32,063	11	43,538	11	55,014	11	66,490	11	77,967	11	89,204	11	99,920	11	112,396
1/4	9,354	1/4	20,837	1/4	32,302	1/4	43,777	1/4	55,253	1/4	66,729	1/4	78,206	1/4	89,443	1/4	100,920	1/4	112,635
1/2	9,594	1/2	21,076	1/2	32,540	1/2	44,016	1/2	55,492	1/2	66,969	1/2	78,445	1/2	89,682	1/2	101,159	1/2	112,874
3/4	9,833	3/4	21,315	3/4	32,779	3/4	44,255	3/4	55,731	3/4	67,208	3/4	78,684	3/4	89,921	3/4	101,398	3/4	113,113

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: 8/20/04 BY: BMB
DATE COMPUTED: 8/20/04 BY: WHF
DATE RE-ISSUED: 8/28/04

INTERTEK - CALEB BRETT

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 NOTE: GAUGE POINT: TO TOP LIP OF 2" DIAMETER MHC BALL VALVE, LOCATED 0'-10" OFF CENTERLINE
 AND 27'-3" FORWARD OF AFT BULKHEAD.
 NOTE: NO TANK CORRECTION REQUIRED DUE TO GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK.
 NOTE: CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT CENTERLINE.
 NOTE: CAPACITY TABLE REFLECTS GAUGING ON ZERO DATUM LOCATED 1/4" ABOVE TANK BOTTOM.



Caleb Brett

IB1048

HULL NO. 04-2174

TANK NO. 1
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-10"

IN	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	113,352	124,829	135,336	145,649	155,962	0	0	0	0	0
1/4	113,591	125,068	135,551	145,864	156,177	1/4	1/4	1/4	1/4	1/4
1/2	113,830	125,307	135,765	146,079	156,392	1/2	1/2	1/2	1/2	1/2
3/4	114,070	125,546	135,980	146,293	156,607	3/4	3/4	3/4	3/4	3/4
1	114,309	125,785	136,195	146,508	156,821	1	1	1	1	1
1/4	114,548	126,024	136,410	146,723	157,036	1/4	1/4	1/4	1/4	1/4
1/2	114,787	126,263	136,625	146,938	157,251	1/2	1/2	1/2	1/2	1/2
3/4	115,026	126,502	136,840	147,153	157,466	3/4	3/4	3/4	3/4	3/4
2	115,265	126,741	137,055	147,368	157,681	2	2	2	2	2
1/4	115,504	126,980	137,269	147,581	157,896	1/4	1/4	1/4	1/4	1/4
1/2	115,743	127,219	137,484	147,797	158,111	1/2	1/2	1/2	1/2	1/2
3/4	115,982	127,458	137,699	148,012	158,325	3/4	3/4	3/4	3/4	3/4
3	116,221	127,697	137,914	148,227	158,540	3	3	3	3	3
1/4	116,460	127,936	138,129	148,442	158,755	1/4	1/4	1/4	1/4	1/4
1/2	116,700	128,175	138,344	148,657	158,969	1/2	1/2	1/2	1/2	1/2
3/4	116,939	128,414	138,559	148,872	159,184	3/4	3/4	3/4	3/4	3/4
4	117,178	128,653	138,773	149,087	159,398	4	4	4	4	4
1/4	117,417	128,892	138,988	149,301	159,612	1/4	1/4	1/4	1/4	1/4
1/2	117,656	129,131	139,203	149,516	159,826	1/2	1/2	1/2	1/2	1/2
3/4	117,895	129,370	139,418	149,730	160,040	3/4	3/4	3/4	3/4	3/4
5	118,134	129,609	139,633	149,944	160,254	5	5	5	5	5
1/4	118,373	129,848	139,848	150,158	160,468	1/4	1/4	1/4	1/4	1/4
1/2	118,612	129,087	140,063	150,372	160,682	1/2	1/2	1/2	1/2	1/2
3/4	118,851	129,326	140,277	150,586	160,896	3/4	3/4	3/4	3/4	3/4
6	119,090	129,565	140,492	150,800	161,110	6	6	6	6	6
1/4	119,330	129,804	140,707	151,014	161,324	1/4	1/4	1/4	1/4	1/4
1/2	119,569	130,043	140,922	151,228	161,538	1/2	1/2	1/2	1/2	1/2
3/4	119,808	130,282	141,137	151,442	161,752	3/4	3/4	3/4	3/4	3/4
7	120,047	130,521	141,352	151,656	161,966	7	7	7	7	7
1/4	120,286	130,760	141,567	151,870	162,180	1/4	1/4	1/4	1/4	1/4
1/2	120,525	131,000	141,781	152,084	162,394	1/2	1/2	1/2	1/2	1/2
3/4	120,764	131,239	141,996	152,298	162,608	3/4	3/4	3/4	3/4	3/4
8	121,003	131,478	142,211	152,512	162,822	8	8	8	8	8
1/4	121,242	131,717	142,426	152,726	163,036	1/4	1/4	1/4	1/4	1/4
1/2	121,481	131,956	142,641	152,940	163,250	1/2	1/2	1/2	1/2	1/2
3/4	121,720	132,195	142,856	153,154	163,464	3/4	3/4	3/4	3/4	3/4
9	121,959	132,434	143,071	153,368	163,678	9	9	9	9	9
1/4	122,198	132,673	143,285	153,582	163,892	1/4	1/4	1/4	1/4	1/4
1/2	122,437	132,912	143,500	153,796	164,106	1/2	1/2	1/2	1/2	1/2
3/4	122,676	133,151	143,715	154,010	164,320	3/4	3/4	3/4	3/4	3/4
10	122,915	133,390	143,930	154,224	164,534	10	10	10	10	10
1/4	123,154	133,629	144,145	154,438	164,748	1/4	1/4	1/4	1/4	1/4
1/2	123,393	133,868	144,360	154,652	164,962	1/2	1/2	1/2	1/2	1/2
3/4	123,632	134,107	144,575	154,866	165,176	3/4	3/4	3/4	3/4	3/4
11	123,871	134,346	144,789	155,080	165,390	11	11	11	11	11
1/4	124,110	134,585	145,004	155,294	165,604	1/4	1/4	1/4	1/4	1/4
1/2	124,350	134,824	145,219	155,508	165,818	1/2	1/2	1/2	1/2	1/2
3/4	124,590	135,063	145,434	155,722	166,032	3/4	3/4	3/4	3/4	3/4

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INTERTEK - CALEB BRETT

DATE STRAPPED: 8/20/04 BY: BDD
DATE COMPUTED: 8/20/04 BY: WHF
DATE REISSUED: 8/20/04

CAPACITIES GIVEN IN WHOLE GALLONS		GAUGE HEIGHT 15'-10 1/4"																	
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	28	0	9,019	0	19,481	0	29,934	0	40,376	0	50,839	0	61,301	0	71,763	0	82,225	0	92,688
1/4	55	1/4	9,237	1/4	19,699	1/4	30,151	1/4	40,594	1/4	51,057	1/4	61,519	1/4	71,981	1/4	82,443	1/4	92,906
1/2	82	1/2	9,455	1/2	19,917	1/2	30,368	1/2	40,812	1/2	51,275	1/2	61,737	1/2	72,199	1/2	82,662	1/2	93,124
3/4	110	3/4	9,673	3/4	20,135	3/4	30,586	3/4	41,030	3/4	51,492	3/4	61,955	3/4	72,417	3/4	82,880	3/4	93,342
1	191	1	9,891	1	20,353	1	30,803	1	41,248	1	51,710	1	62,173	1	72,635	1	83,098	1	93,560
1/4	273	1/4	10,109	1/4	20,571	1/4	31,020	1/4	41,468	1/4	51,928	1/4	62,391	1/4	72,853	1/4	83,316	1/4	93,778
1/2	355	1/2	10,327	1/2	20,789	1/2	31,237	1/2	41,684	1/2	52,146	1/2	62,609	1/2	73,071	1/2	83,534	1/2	93,996
3/4	437	3/4	10,544	3/4	21,007	3/4	31,455	3/4	41,902	3/4	52,364	3/4	62,827	3/4	73,289	3/4	83,752	3/4	94,214
1	573	1	10,762	1	21,225	1	31,672	1	42,120	1	52,582	1	63,045	1	73,507	1	83,970	1	94,432
1/4	709	1/4	10,980	1/4	21,443	1/4	31,889	1/4	42,338	1/4	52,800	1/4	63,263	1/4	73,725	1/4	84,188	1/4	94,650
1/2	845	1/2	11,198	1/2	21,661	1/2	32,106	1/2	42,556	1/2	53,018	1/2	63,481	1/2	74,161	1/2	84,406	1/2	94,868
3/4	981	3/4	11,416	3/4	21,878	3/4	32,323	3/4	42,774	3/4	53,236	3/4	63,699	3/4	74,379	3/4	84,624	3/4	95,086
1	1,172	1	11,634	1	22,096	1	32,541	1	42,992	1	53,454	1	63,917	1	74,379	1	84,842	1	95,304
1/4	1,390	1/4	11,852	1/4	22,314	1/4	32,758	1/4	43,210	1/4	53,672	1/4	64,135	1/4	74,597	1/4	85,060	1/4	95,522
1/2	1,608	1/2	12,070	1/2	22,532	1/2	32,975	1/2	43,428	1/2	53,890	1/2	64,353	1/2	74,815	1/2	85,277	1/2	95,740
3/4	1,826	3/4	12,288	3/4	22,750	3/4	33,192	3/4	43,646	3/4	54,108	3/4	64,571	3/4	75,033	3/4	85,495	3/4	95,958
1	2,044	1	12,506	1	22,968	1	33,410	1	43,864	1	54,326	1	64,789	1	75,251	1	85,713	1	96,176
1/4	2,262	1/4	12,724	1/4	23,186	1/4	33,627	1/4	44,082	1/4	54,544	1/4	65,006	1/4	75,469	1/4	85,931	1/4	96,394
1/2	2,480	1/2	12,942	1/2	23,404	1/2	33,844	1/2	44,300	1/2	54,762	1/2	65,224	1/2	75,687	1/2	86,149	1/2	96,612
3/4	2,698	3/4	13,160	3/4	23,622	3/4	34,061	3/4	44,518	3/4	54,980	3/4	65,442	3/4	75,905	3/4	86,367	3/4	96,830
1	2,916	1	13,378	1	23,840	1	34,279	1	44,735	1	55,198	1	65,660	1	76,123	1	86,585	1	97,048
1/4	3,134	1/4	13,596	1/4	24,058	1/4	34,496	1/4	44,953	1/4	55,416	1/4	65,878	1/4	76,341	1/4	86,803	1/4	97,266
1/2	3,352	1/2	13,814	1/2	24,276	1/2	34,713	1/2	45,171	1/2	55,634	1/2	66,096	1/2	76,559	1/2	87,021	1/2	97,484
3/4	3,570	3/4	14,032	3/4	24,494	3/4	34,930	3/4	45,389	3/4	55,852	3/4	66,314	3/4	76,777	3/4	87,239	3/4	97,702
1	3,788	1	14,250	1	24,712	1	35,148	1	45,607	1	56,070	1	66,532	1	76,995	1	87,457	1	97,920
1/4	4,006	1/4	14,468	1/4	24,930	1/4	35,365	1/4	45,825	1/4	56,288	1/4	66,750	1/4	77,213	1/4	87,675	1/4	98,138
1/2	4,224	1/2	14,686	1/2	25,148	1/2	35,582	1/2	46,043	1/2	56,506	1/2	66,968	1/2	77,431	1/2	87,893	1/2	98,356
3/4	4,442	3/4	14,904	3/4	25,366	3/4	35,800	3/4	46,261	3/4	56,724	3/4	67,186	3/4	77,649	3/4	88,111	3/4	98,574
1	4,660	1	15,122	1	25,584	1	36,017	1	46,479	1	56,942	1	67,404	1	77,867	1	88,329	1	98,791
1/4	4,877	1/4	15,340	1/4	25,802	1/4	36,235	1/4	46,697	1/4	57,160	1/4	67,622	1/4	78,085	1/4	88,547	1/4	99,009
1/2	5,095	1/2	15,558	1/2	26,020	1/2	36,453	1/2	46,915	1/2	57,378	1/2	67,840	1/2	78,303	1/2	88,765	1/2	99,227
3/4	5,313	3/4	15,776	3/4	26,238	3/4	36,671	3/4	47,133	3/4	57,596	3/4	68,058	3/4	78,520	3/4	88,983	3/4	99,445
1	5,531	1	15,994	1	26,456	1	36,889	1	47,351	1	57,814	1	68,276	1	78,738	1	89,201	1	99,663
1/4	5,749	1/4	16,211	1/4	26,674	1/4	37,107	1/4	47,569	1/4	58,032	1/4	68,494	1/4	78,956	1/4	89,419	1/4	99,881
1/2	5,967	1/2	16,429	1/2	26,892	1/2	37,325	1/2	47,787	1/2	58,249	1/2	68,712	1/2	79,174	1/2	89,637	1/2	100,099
3/4	6,185	3/4	16,647	3/4	27,110	3/4	37,543	3/4	48,005	3/4	58,487	3/4	68,930	3/4	79,392	3/4	89,855	3/4	100,317
1	6,403	1	16,865	1	27,328	1	37,761	1	48,223	1	58,685	1	69,148	1	79,610	1	90,073	1	100,535
1/4	6,621	1/4	17,083	1/4	27,545	1/4	37,978	1/4	48,441	1/4	58,903	1/4	69,366	1/4	79,828	1/4	90,291	1/4	100,753
1/2	6,839	1/2	17,301	1/2	27,762	1/2	38,196	1/2	48,659	1/2	59,121	1/2	69,584	1/2	80,046	1/2	90,509	1/2	100,971
3/4	7,057	3/4	17,519	3/4	27,979	3/4	38,414	3/4	48,877	3/4	59,339	3/4	69,802	3/4	80,264	3/4	90,727	3/4	101,189
1	7,275	1	17,737	1	28,196	1	38,632	1	49,095	1	59,557	1	70,020	1	80,482	1	90,945	1	101,407
1/4	7,493	1/4	17,955	1/4	28,414	1/4	38,850	1/4	49,313	1/4	59,775	1/4	70,238	1/4	80,700	1/4	91,163	1/4	101,625
1/2	7,711	1/2	18,173	1/2	28,631	1/2	39,068	1/2	49,531	1/2	60,033	1/2	70,456	1/2	80,918	1/2	91,381	1/2	101,843
3/4	7,929	3/4	18,391	3/4	28,848	3/4	39,286	3/4	49,749	3/4	60,211	3/4	70,674	3/4	81,136	3/4	91,599	3/4	102,061
1	8,147	1	18,609	1	29,065	1	39,504	1	49,967	1	60,429	1	70,892	1	81,354	1	91,817	1	102,279
1/4	8,365	1/4	18,827	1/4	29,282	1/4	39,722	1/4	50,185	1/4	60,647	1/4	71,110	1/4	81,572	1/4	92,034	1/4	102,497
1/2	8,583	1/2	19,045	1/2	29,500	1/2	39,940	1/2	50,403	1/2	60,865	1/2	71,328	1/2	81,790	1/2	92,252	1/2	102,715
3/4	8,801	3/4	19,263	3/4	29,717	3/4	40,158	3/4	50,621	3/4	61,083	3/4	71,546	3/4	82,008	3/4	92,470	3/4	102,933

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH NIPMS CHAPTER 2.7.
 NOTE: GAUGE POINT: TO TOP OF 2" DIAMETER MWC BALL VALVE, LOCATED 0' 10" OFF CENTERLINE
 AND 26' 9" FORWARD OF AFT. BULKHEAD.
 NOTE: NO TBM CORRECTION REQUIRED DUE TO GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK.
 NOTE: CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT CENTERLINE.
 NOTE: CAPACITY TABLE REFLECTS GAUGING ON ZERO DATUM LOCATED 1/4" ABOVE TANK BOTTOM.

INTERTEK - CALEB BRETT

DATE STRAPPED 8/20/04 BY: BRD/B
 DATE COMPUTED: 8/20/04 BY: WHF
 DATE RE-ISSUED: 8/28/04



Caleb Brett

HULL NO. 04-2174

TANK NO. 2
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

IN	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		16 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	103.151	0	113.613	0	124.076	0	134.538	0	145.001	0	0	0	0	0	0	0	0	0	0	0
1/4	103.369	1/4	113.831	1/4	124.294	1/4	134.756	1/4	145.219	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	103.587	1/2	114.049	1/2	124.512	1/2	134.974	1/2	145.437	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	103.805	3/4	114.267	3/4	124.730	3/4	135.192	3/4	145.655	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	104.023	1	114.485	1	124.948	1	135.410	1	145.872	1	1	1	1	1	1	1	1	1	1	1
1/4	104.241	1/4	114.703	1/4	125.166	1/4	135.628	1/4	146.090	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	104.459	1/2	114.921	1/2	125.384	1/2	135.846	1/2	146.308	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	104.677	3/4	115.139	3/4	125.601	3/4	136.064	3/4	146.526	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	104.895	2	115.357	2	125.819	2	136.282	2	146.744	2	2	2	2	2	2	2	2	2	2	2
1/4	105.113	1/4	115.575	1/4	126.037	1/4	136.500	1/4	146.962	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105.331	1/2	115.793	1/2	126.255	1/2	136.718	1/2	147.180	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105.548	3/4	116.011	3/4	126.473	3/4	136.936	3/4	147.398	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	105.766	3	116.229	3	126.691	3	137.154	3	147.616	3	3	3	3	3	3	3	3	3	3	3
1/4	105.984	1/4	116.447	1/4	126.909	1/4	137.372	1/4	147.834	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106.202	1/2	116.665	1/2	127.127	1/2	137.590	1/2	148.054	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106.420	3/4	116.883	3/4	127.345	3/4	137.808	3/4	148.274	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	106.638	4	117.101	4	127.563	4	138.026	4	148.494	4	4	4	4	4	4	4	4	4	4	4
1/4	106.856	1/4	117.319	1/4	127.781	1/4	138.244	1/4	148.712	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107.074	1/2	117.537	1/2	127.999	1/2	138.462	1/2	148.930	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107.292	3/4	117.755	3/4	128.217	3/4	138.680	3/4	149.148	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	107.510	5	117.973	5	128.435	5	138.898	5	149.366	5	5	5	5	5	5	5	5	5	5	5
1/4	107.728	1/4	118.191	1/4	128.653	1/4	139.115	1/4	149.584	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107.946	1/2	118.409	1/2	128.871	1/2	139.333	1/2	149.802	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108.164	3/4	118.627	3/4	129.089	3/4	139.551	3/4	149.542	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	108.382	6	118.844	6	129.307	6	139.769	6	149.669	6	6	6	6	6	6	6	6	6	6	6
1/4	108.600	1/4	119.062	1/4	129.525	1/4	139.987	1/4	149.796	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108.818	1/2	119.280	1/2	129.743	1/2	140.205	1/2	149.887	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109.036	3/4	119.498	3/4	129.961	3/4	140.423	3/4	149.978	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	109.254	7	119.716	7	130.179	7	140.641	7	150.032	7	7	7	7	7	7	7	7	7	7	7
1/4	109.472	1/4	119.934	1/4	130.397	1/4	140.859	1/4	150.087	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109.690	1/2	120.152	1/2	130.615	1/2	141.077	1/2	150.141	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109.908	3/4	120.370	3/4	130.833	3/4	141.295	3/4	150.196	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	110.126	8	120.588	8	131.051	8	141.513	8	150.214	8	8	8	8	8	8	8	8	8	8	8
1/4	110.344	1/4	120.806	1/4	131.269	1/4	141.731	1/4	150.214	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110.562	1/2	121.024	1/2	131.487	1/2	141.949	1/2	150.214	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110.780	3/4	121.242	3/4	131.705	3/4	142.167	3/4	150.214	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	110.998	9	121.460	9	131.923	9	142.385	9	150.214	9	9	9	9	9	9	9	9	9	9	9
1/4	111.216	1/4	121.678	1/4	132.141	1/4	142.603	1/4	150.214	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111.434	1/2	121.896	1/2	132.358	1/2	142.821	1/2	150.214	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111.652	3/4	122.114	3/4	132.576	3/4	143.039	3/4	150.214	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	111.870	10	122.332	10	132.794	10	143.257	10	150.214	10	10	10	10	10	10	10	10	10	10	10
1/4	112.088	1/4	122.550	1/4	133.012	1/4	143.475	1/4	150.214	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112.305	1/2	122.768	1/2	133.230	1/2	143.693	1/2	150.214	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112.523	3/4	122.986	3/4	133.448	3/4	143.911	3/4	150.214	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	112.741	11	123.204	11	133.666	11	144.129	11	150.214	11	11	11	11	11	11	11	11	11	11	11
1/4	112.959	1/4	123.422	1/4	133.884	1/4	144.347	1/4	150.214	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113.177	1/2	123.640	1/2	134.102	1/2	144.565	1/2	150.214	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113.395	3/4	123.858	3/4	134.320	3/4	144.783	3/4	150.214	3/4	3/4	3/4	3/4	3/4	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.

DATE STRAPPED 8/2004 BY: BBDB
DATE COMPUTED: 8/2004 BY: WHF
DATE RE-ISSUED: 8/2004

INTERTEK - CALEB BRETT



CAPACITIES GIVEN IN WHOLE GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	28	0	8,988	0	19,415	0	29,840	0	40,263	0	50,690	0	61,117	0	71,544	0	81,971	0	92,397
1/4	55	1/4	9,205	1/4	19,632	1/4	30,057	1/4	40,481	1/4	50,907	1/4	61,334	1/4	71,761	1/4	82,188	1/4	92,615
1/2	82	1/2	9,422	1/2	19,849	1/2	30,274	1/2	40,698	1/2	51,125	1/2	61,551	1/2	71,978	1/2	82,405	1/2	92,832
3/4	109	3/4	9,640	3/4	20,066	3/4	30,491	3/4	40,915	3/4	51,342	3/4	61,769	3/4	72,196	3/4	82,622	3/4	93,049
1	191	1	9,857	1	20,283	1	30,708	1	41,132	1	51,559	1	61,986	1	72,413	1	82,840	1	93,266
1/4	272	1/4	10,074	1/4	20,501	1/4	30,925	1/4	41,350	1/4	51,776	1/4	62,203	1/4	72,630	1/4	83,057	1/4	93,484
1/2	354	1/2	10,291	1/2	20,718	1/2	31,142	1/2	41,567	1/2	51,994	1/2	62,420	1/2	72,847	1/2	83,274	1/2	93,701
3/4	435	3/4	10,509	3/4	20,935	3/4	31,359	3/4	41,784	3/4	52,211	3/4	62,638	3/4	73,064	3/4	83,491	3/4	93,918
1	571	2	10,726	2	21,152	2	31,578	2	42,001	2	52,428	2	62,855	2	73,282	2	83,708	2	94,135
1/4	707	1/4	10,943	1/4	21,370	1/4	31,793	1/4	42,218	1/4	52,645	1/4	63,072	1/4	73,499	1/4	83,926	1/4	94,362
1/2	848	1/2	11,160	1/2	21,587	1/2	32,010	1/2	42,436	1/2	52,862	1/2	63,289	1/2	73,716	1/2	84,143	1/2	94,570
3/4	978	3/4	11,377	3/4	21,804	3/4	32,228	3/4	42,653	3/4	53,080	3/4	63,506	3/4	73,933	3/4	84,360	3/4	94,787
1	1,168	3	11,595	3	22,021	3	32,445	3	42,870	3	53,297	3	63,724	3	74,151	3	84,577	3	95,004
1/4	1,385	1/4	11,812	1/4	22,238	1/4	32,662	1/4	43,087	1/4	53,514	1/4	63,941	1/4	74,368	1/4	84,795	1/4	95,221
1/2	1,603	1/2	12,029	1/2	22,456	1/2	32,879	1/2	43,305	1/2	53,731	1/2	64,158	1/2	74,585	1/2	85,012	1/2	95,439
3/4	1,820	3/4	12,246	3/4	22,673	3/4	33,096	3/4	43,522	3/4	53,949	3/4	64,375	3/4	74,802	3/4	85,229	3/4	95,656
1	2,037	4	12,464	4	22,890	4	33,313	4	43,739	4	54,166	4	64,593	4	75,019	4	85,446	4	95,873
1/4	2,254	1/4	12,681	1/4	23,107	1/4	33,530	1/4	43,956	1/4	54,383	1/4	64,810	1/4	75,237	1/4	85,663	1/4	96,090
1/2	2,471	1/2	12,898	1/2	23,324	1/2	33,747	1/2	44,173	1/2	54,600	1/2	65,027	1/2	75,454	1/2	85,881	1/2	96,308
3/4	2,689	3/4	13,115	3/4	23,542	3/4	33,965	3/4	44,391	3/4	54,817	3/4	65,244	3/4	75,671	3/4	86,098	3/4	96,525
1	2,906	5	13,332	5	23,759	5	34,182	5	44,608	5	55,035	5	65,462	5	75,888	5	86,315	5	96,742
1/4	3,123	1/4	13,550	1/4	23,976	1/4	34,399	1/4	44,825	1/4	55,252	1/4	65,679	1/4	76,106	1/4	86,532	1/4	96,959
1/2	3,340	1/2	13,767	1/2	24,193	1/2	34,616	1/2	45,042	1/2	55,469	1/2	65,896	1/2	76,323	1/2	86,750	1/2	97,176
3/4	3,558	3/4	13,984	3/4	24,411	3/4	34,833	3/4	45,260	3/4	55,686	3/4	66,113	3/4	76,540	3/4	86,967	3/4	97,394
1	3,775	6	14,201	6	24,628	6	35,050	6	45,477	6	55,904	6	66,330	6	76,757	6	87,184	6	97,611
1/4	3,992	1/4	14,419	1/4	24,845	1/4	35,267	1/4	45,694	1/4	56,121	1/4	66,548	1/4	76,974	1/4	87,401	1/4	97,828
1/2	4,209	1/2	14,636	1/2	25,062	1/2	35,484	1/2	45,911	1/2	56,338	1/2	66,765	1/2	77,192	1/2	87,619	1/2	98,045
3/4	4,426	3/4	14,853	3/4	25,279	3/4	35,702	3/4	46,128	3/4	56,555	3/4	66,982	3/4	77,409	3/4	87,836	3/4	98,263
1	4,644	7	15,070	7	25,497	7	35,919	7	46,346	7	56,773	7	67,199	7	77,626	7	88,053	7	98,480
1/4	4,861	1/4	15,287	1/4	25,714	1/4	36,136	1/4	46,563	1/4	56,990	1/4	67,417	1/4	77,843	1/4	88,270	1/4	98,697
1/2	5,078	1/2	15,505	1/2	25,931	1/2	36,353	1/2	46,780	1/2	57,207	1/2	67,634	1/2	78,061	1/2	88,487	1/2	98,914
3/4	5,295	3/4	15,722	3/4	26,148	3/4	36,571	3/4	46,997	3/4	57,424	3/4	67,851	3/4	78,278	3/4	88,705	3/4	99,131
1	5,513	8	15,939	8	26,366	8	36,788	8	47,215	8	57,641	8	68,068	8	78,495	8	88,922	8	99,348
1/4	5,730	1/4	16,156	1/4	26,583	1/4	37,005	1/4	47,432	1/4	57,859	1/4	68,285	1/4	78,712	1/4	89,139	1/4	99,566
1/2	5,947	1/2	16,373	1/2	26,800	1/2	37,222	1/2	47,649	1/2	58,076	1/2	68,503	1/2	78,929	1/2	89,356	1/2	99,783
3/4	6,164	3/4	16,591	3/4	27,017	3/4	37,439	3/4	47,866	3/4	58,293	3/4	68,720	3/4	79,147	3/4	89,574	3/4	100,000
1	6,381	9	16,808	9	27,234	9	37,657	9	48,083	9	58,510	9	68,937	9	79,364	9	89,791	9	100,218
1/4	6,599	1/4	17,025	1/4	27,452	1/4	37,874	1/4	48,301	1/4	58,728	1/4	69,154	1/4	79,581	1/4	89,008	1/4	100,435
1/2	6,816	1/2	17,242	1/2	27,669	1/2	38,091	1/2	48,518	1/2	58,945	1/2	69,372	1/2	79,798	1/2	89,225	1/2	100,652
3/4	7,033	3/4	17,460	3/4	27,886	3/4	38,308	3/4	48,735	3/4	59,162	3/4	69,589	3/4	80,016	3/4	89,442	3/4	100,869
1	7,250	10	17,677	10	28,103	10	38,526	10	48,952	10	59,379	10	69,806	10	80,233	10	89,660	10	101,086
1/4	7,467	1/4	17,894	1/4	28,320	1/4	38,743	1/4	49,170	1/4	59,598	1/4	70,023	1/4	80,450	1/4	89,877	1/4	101,304
1/2	7,685	1/2	18,111	1/2	28,537	1/2	38,960	1/2	49,387	1/2	59,814	1/2	70,240	1/2	80,667	1/2	90,094	1/2	101,521
3/4	7,902	3/4	18,328	3/4	28,754	3/4	39,177	3/4	49,604	3/4	60,031	3/4	70,458	3/4	80,885	3/4	91,311	3/4	101,738
1	8,119	11	18,546	11	28,971	11	39,394	11	49,821	11	60,248	11	70,675	11	81,102	11	91,529	11	101,955
1/4	8,336	1/4	18,763	1/4	29,188	1/4	39,609	1/4	50,039	1/4	60,465	1/4	70,892	1/4	81,319	1/4	91,746	1/4	102,173
1/2	8,554	1/2	18,980	1/2	29,405	1/2	39,829	1/2	50,256	1/2	60,683	1/2	71,109	1/2	81,536	1/2	91,963	1/2	102,390
3/4	8,771	3/4	19,197	3/4	29,622	3/4	40,046	3/4	50,473	3/4	60,900	3/4	71,327	3/4	81,753	3/4	92,180	3/4	102,607

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 NOTE: GAUGE POINT: TO TOP LIP OF 2" DIAMETER NMC BALL VALVE, LOCATED 0'-10" OFF CENTRELINE
 AND 27'-3" 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 AT CENTRELINE.
 NOTE: CAPACITY TABLE REFLECTS GAUGING ON ZERO DATUM LOCATED 1/4" ABOVE TANK BOTTOM.

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 BY: BROR
 DATE COMPUTED BY: MMF
 DATE RE-ISSUED: BROR

INTERTEK - CALEB BRETT



CAPACITIES GIVEN IN WHOLE GALLONS												GAUGE HEIGHT 16'-10"							
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	102,824	0	113,251	0	123,678	0	134,105	0	144,532	0		0		0		0		0	
1/4	103,041	1/4	113,468	1/4	123,895	1/4	134,322	1/4	144,749	1/4		1/4		1/4		1/4		1/4	
1/2	103,259	1/2	113,686	1/2	124,112	1/2	134,539	1/2	144,966	1/2		1/2		1/2		1/2		1/2	
3/4	103,476	3/4	113,903	3/4	124,330	3/4	134,756	3/4	145,183	3/4		3/4		3/4		3/4		3/4	
1	103,693	1	114,120	1	124,547	1	134,974	1	145,400	1		1		1		1		1	
1/4	103,910	1/4	114,337	1/4	124,764	1/4	135,191	1/4	145,618	1/4		1/4		1/4		1/4		1/4	
1/2	104,128	1/2	114,554	1/2	124,981	1/2	135,408	1/2	145,835	1/2		1/2		1/2		1/2		1/2	
3/4	104,345	3/4	114,772	3/4	125,198	3/4	135,625	3/4	146,052	3/4		3/4		3/4		3/4		3/4	
2	104,562	2	114,989	2	125,416	2	135,843	2	146,269	2		2		2		2		2	
1/4	104,779	1/4	115,206	1/4	125,633	1/4	136,060	1/4	146,487	1/4		1/4		1/4		1/4		1/4	
1/2	104,997	1/2	115,423	1/2	125,850	1/2	136,277	1/2	146,704	1/2		1/2		1/2		1/2		1/2	
3/4	105,214	3/4	115,641	3/4	126,067	3/4	136,494	3/4	146,921	3/4		3/4		3/4		3/4		3/4	
3	105,431	3	115,858	3	126,285	3	136,711	3	147,138	3		3		3		3		3	
1/4	105,648	1/4	116,075	1/4	126,502	1/4	136,928	1/4	147,355	1/4		1/4		1/4		1/4		1/4	
1/2	105,865	1/2	116,292	1/2	126,719	1/2	137,146	1/2	147,572	1/2		1/2		1/2		1/2		1/2	
3/4	106,083	3/4	116,509	3/4	126,938	3/4	137,363	3/4	147,772	3/4		3/4		3/4		3/4		3/4	
4	106,300	4	116,727	4	127,154	4	137,580	4	147,971	4		4		4		4		4	
1/4	106,517	1/4	116,944	1/4	127,371	1/4	137,798	1/4	148,170	1/4		1/4		1/4		1/4		1/4	
1/2	106,734	1/2	117,161	1/2	127,588	1/2	138,015	1/2	148,369	1/2		1/2		1/2		1/2		1/2	
3/4	106,952	3/4	117,378	3/4	127,805	3/4	138,232	3/4	148,532	3/4		3/4		3/4		3/4		3/4	
5	107,169	5	117,596	5	128,022	5	138,449	5	148,695	5		5		5		5		5	
1/4	107,386	1/4	117,813	1/4	128,240	1/4	138,666	1/4	148,858	1/4		1/4		1/4		1/4		1/4	
1/2	107,603	1/2	118,030	1/2	128,457	1/2	138,884	1/2	149,021	1/2		1/2		1/2		1/2		1/2	
3/4	107,820	3/4	118,247	3/4	128,674	3/4	139,101	3/4	149,148	3/4		3/4		3/4		3/4		3/4	
6	108,038	6	118,464	6	128,891	6	139,318	6	149,274	6		6		6		6		6	
1/4	108,255	1/4	118,682	1/4	129,108	1/4	139,535	1/4	149,401	1/4		1/4		1/4		1/4		1/4	
1/2	108,472	1/2	118,899	1/2	129,326	1/2	139,753	1/2	149,528	1/2		1/2		1/2		1/2		1/2	
3/4	108,689	3/4	119,116	3/4	129,543	3/4	139,970	3/4	149,618	3/4		3/4		3/4		3/4		3/4	
7	108,907	7	119,333	7	129,760	7	140,187	7	149,709	7		7		7		7		7	
1/4	109,124	1/4	119,551	1/4	129,977	1/4	140,404	1/4	149,763	1/4		1/4		1/4		1/4		1/4	
1/2	109,341	1/2	119,768	1/2	130,195	1/2	140,621	1/2	149,817	1/2		1/2		1/2		1/2		1/2	
3/4	109,558	3/4	119,985	3/4	130,412	3/4	140,839	3/4	149,872	3/4		3/4		3/4		3/4		3/4	
8	109,775	8	120,202	8	130,629	8	141,056	8	149,926	8		8		8		8		8	
1/4	109,993	1/4	120,420	1/4	130,846	1/4	141,273	1/4	149,944	1/4		1/4		1/4		1/4		1/4	
1/2	110,210	1/2	120,637	1/2	131,064	1/2	141,490	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,427	3/4	120,854	3/4	131,281	3/4	141,708	3/4		3/4		3/4		3/4		3/4		3/4	
9	110,644	9	121,071	9	131,498	9	141,925	9		9		9		9		9		9	
1/4	110,862	1/4	121,288	1/4	131,715	1/4	142,142	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,079	1/2	121,506	1/2	131,932	1/2	142,359	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,296	3/4	121,723	3/4	132,150	3/4	142,577	3/4		3/4		3/4		3/4		3/4		3/4	
10	111,513	10	121,940	10	132,367	10	142,794	10		10		10		10		10		10	
1/4	111,731	1/4	122,157	1/4	132,584	1/4	143,011	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,948	1/2	122,375	1/2	132,801	1/2	143,228	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,165	3/4	122,592	3/4	133,019	3/4	143,445	3/4		3/4		3/4		3/4		3/4		3/4	
11	112,382	11	122,809	11	133,236	11	143,663	11		11		11		11		11		11	
1/4	112,599	1/4	123,026	1/4	133,453	1/4	143,880	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,817	1/2	123,243	1/2	133,670	1/2	144,097	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,034	3/4	123,461	3/4	133,887	3/4	144,314	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.

DATE STAMPED: 02/20/04 P. BRDB
DATE COMPUTED: 02/20/04 P. WNF
DATE RE-ISSUED: 02/20/04

INTERTEK - CALEB BRETT



Caleb Brett

IB1048

HULL NO. 04-2174

TANK NO. 1
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FOR GAUGING WITH MMC GAUGE TAPE ONLY

GAUGE HEIGHT 17'-4"

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.
0	159,344	0	149,087	0	138,773	0	128,460	0	117,178	0	105,701	0	94,225	0	82,749	0	71,272	0	60,035
1/4	159,157	1/4	148,872	1/4	138,559	1/4	128,245	1/4	116,939	1/4	105,462	1/4	93,986	1/4	82,510	1/4	71,033	1/4	60,035
1/2	158,961	1/2	148,657	1/2	138,344	1/2	128,031	1/2	116,700	1/2	105,248	1/2	93,747	1/2	82,270	1/2	70,794	1/2	60,035
3/4	158,755	3/4	148,442	3/4	138,129	3/4	127,816	3/4	116,460	3/4	104,984	3/4	93,508	3/4	82,031	3/4	70,555	3/4	60,035
1	158,540	1	148,227	1	137,914	1	127,601	1	116,221	1	104,745	1	93,269	1	81,792	1	70,316	1	60,035
1/4	158,325	1/4	148,012	1/4	137,699	1/4	127,386	1/4	115,982	1/4	104,506	1/4	93,030	1/4	81,553	1/4	70,077	1/4	60,035
1/2	158,111	1/2	147,797	1/2	137,484	1/2	127,171	1/2	115,743	1/2	104,267	1/2	92,790	1/2	81,314	1/2	70,077	1/2	60,035
3/4	157,896	3/4	147,583	3/4	137,269	3/4	126,956	3/4	115,504	3/4	104,028	3/4	92,551	3/4	81,075	3/4	69,599	3/4	60,035
2	157,681	2	147,368	2	137,055	2	126,741	2	115,265	2	103,789	2	92,312	2	80,836	2	69,359	2	60,035
1/4	157,466	1/4	147,153	1/4	136,840	1/4	126,526	1/4	115,026	1/4	103,550	1/4	92,073	1/4	80,597	1/4	69,120	1/4	60,035
1/2	157,251	1/2	146,938	1/2	136,625	1/2	126,311	1/2	114,787	1/2	103,310	1/2	91,834	1/2	80,358	1/2	68,881	1/2	60,035
3/4	157,036	3/4	146,723	3/4	136,410	3/4	126,094	3/4	114,548	3/4	103,071	3/4	91,595	3/4	80,119	3/4	68,642	3/4	60,035
3	156,821	3	146,508	3	136,195	3	125,879	3	114,309	3	102,832	3	91,356	3	79,879	3	68,403	3	60,035
1/4	156,607	1/4	146,293	1/4	135,980	1/4	125,664	1/4	114,070	1/4	102,593	1/4	91,117	1/4	79,640	1/4	68,164	1/4	60,035
1/2	156,392	1/2	146,079	1/2	135,765	1/2	125,449	1/2	113,830	1/2	102,354	1/2	90,878	1/2	79,401	1/2	67,925	1/2	60,035
3/4	156,177	3/4	145,864	3/4	135,551	3/4	125,234	3/4	113,591	3/4	102,115	3/4	90,639	3/4	79,162	3/4	67,686	3/4	60,035
4	155,962	4	145,649	4	135,336	4	125,019	4	113,352	4	101,876	4	90,400	4	78,923	4	67,447	4	60,035
1/4	155,747	1/4	145,434	1/4	135,121	1/4	124,804	1/4	113,113	1/4	101,637	1/4	90,160	1/4	78,684	1/4	67,208	1/4	60,035
1/2	155,532	1/2	145,219	1/2	134,906	1/2	124,589	1/2	112,874	1/2	101,398	1/2	89,921	1/2	78,445	1/2	66,969	1/2	60,035
3/4	155,317	3/4	145,004	3/4	134,691	3/4	124,374	3/4	112,655	3/4	101,159	3/4	89,682	3/4	78,206	3/4	66,729	3/4	60,035
5	155,103	5	144,789	5	134,476	5	124,159	5	112,440	5	100,920	5	89,443	5	77,967	5	66,490	5	60,035
1/4	154,888	1/4	144,575	1/4	134,261	1/4	124,111	1/4	112,225	1/4	100,680	1/4	89,204	1/4	77,728	1/4	66,251	1/4	60,035
1/2	154,673	1/2	144,360	1/2	134,047	1/2	124,000	1/2	112,010	1/2	100,441	1/2	88,965	1/2	77,489	1/2	66,012	1/2	60,035
3/4	154,458	3/4	144,145	3/4	133,832	3/4	123,785	3/4	111,795	3/4	100,202	3/4	88,726	3/4	77,249	3/4	65,773	3/4	60,035
6	154,243	6	143,930	6	133,617	6	123,570	6	111,580	6	99,963	6	88,487	6	77,010	6	65,534	6	60,035
1/4	154,028	1/4	143,715	1/4	133,402	1/4	123,355	1/4	111,365	1/4	99,724	1/4	88,248	1/4	76,771	1/4	65,295	1/4	60,035
1/2	153,813	1/2	143,500	1/2	133,187	1/2	123,140	1/2	111,150	1/2	99,485	1/2	88,009	1/2	76,532	1/2	65,056	1/2	60,035
3/4	153,598	3/4	143,285	3/4	132,972	3/4	122,925	3/4	110,935	3/4	99,246	3/4	87,770	3/4	76,293	3/4	64,817	3/4	60,035
7	153,384	7	143,071	7	132,757	7	122,710	7	110,720	7	99,007	7	87,530	7	76,054	7	64,578	7	60,035
1/4	153,169	1/4	142,856	1/4	132,543	1/4	122,495	1/4	110,505	1/4	98,768	1/4	87,291	1/4	75,815	1/4	64,339	1/4	60,035
1/2	152,954	1/2	142,641	1/2	132,328	1/2	122,280	1/2	110,290	1/2	98,529	1/2	87,052	1/2	75,576	1/2	64,099	1/2	60,035
3/4	152,739	3/4	142,426	3/4	132,113	3/4	122,065	3/4	110,075	3/4	98,290	3/4	86,813	3/4	75,337	3/4	63,860	3/4	60,035
8	152,524	8	142,211	8	131,898	8	121,850	8	109,857	8	98,050	8	86,574	8	75,098	8	63,621	8	60,035
1/4	152,309	1/4	141,996	1/4	131,683	1/4	121,635	1/4	109,642	1/4	97,811	1/4	86,335	1/4	74,859	1/4	63,382	1/4	60,035
1/2	152,095	1/2	141,781	1/2	131,468	1/2	121,420	1/2	109,427	1/2	97,572	1/2	86,096	1/2	74,620	1/2	63,143	1/2	60,035
3/4	151,880	3/4	141,567	3/4	131,253	3/4	121,205	3/4	109,212	3/4	97,333	3/4	85,857	3/4	74,381	3/4	62,904	3/4	60,035
9	151,665	9	141,352	9	131,039	9	121,000	9	109,000	9	97,094	9	85,618	9	74,141	9	62,665	9	60,035
1/4	151,450	1/4	141,137	1/4	130,824	1/4	120,785	1/4	108,785	1/4	96,855	1/4	85,379	1/4	73,902	1/4	62,426	1/4	60,035
1/2	151,235	1/2	140,922	1/2	130,609	1/2	120,570	1/2	108,570	1/2	96,616	1/2	85,140	1/2	73,663	1/2	62,187	1/2	60,035
3/4	151,020	3/4	140,707	3/4	130,394	3/4	120,351	3/4	108,351	3/4	96,377	3/4	84,900	3/4	73,424	3/4	61,948	3/4	60,035
10	150,805	10	140,492	10	130,179	10	120,130	10	108,130	10	96,138	10	84,661	10	73,185	10	61,709	10	60,035
1/4	150,591	1/4	140,277	1/4	129,964	1/4	120,000	1/4	107,915	1/4	95,899	1/4	84,422	1/4	72,946	1/4	61,469	1/4	60,035
1/2	150,376	1/2	140,063	1/2	129,749	1/2	119,780	1/2	107,690	1/2	95,660	1/2	84,183	1/2	72,707	1/2	61,230	1/2	60,035
3/4	150,161	3/4	139,848	3/4	129,535	3/4	119,565	3/4	107,475	3/4	95,420	3/4	83,944	3/4	72,468	3/4	60,991	3/4	60,035
11	149,946	11	139,633	11	129,320	11	118,354	11	106,268	11	95,181	11	83,705	11	72,229	11	60,752	11	60,035
1/4	149,731	1/4	139,418	1/4	129,105	1/4	118,139	1/4	106,049	1/4	94,942	1/4	83,466	1/4	71,990	1/4	60,513	1/4	60,035
1/2	149,516	1/2	139,203	1/2	128,890	1/2	117,920	1/2	105,830	1/2	94,703	1/2	83,227	1/2	71,750	1/2	60,274	1/2	60,035
3/4	149,301	3/4	138,988	3/4	128,675	3/4	117,695	3/4	105,615	3/4	94,464	3/4	82,988	3/4	71,511	3/4	60,035	3/4	60,035

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH NPHS CHAPTER 2.7.

NOTE: GAUGE POINT: TO TOP LIP OF 2" DIAMETER MMC BALL VALVE, LOCATED 0' 10" OFF CENTRELINE.

NOTE: AND 27' 3" 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 AT CENTRELINE.

NOTE: CAPACITY TABLE REFLECTS GAUGING ON ZERO DATUM LOCATED 1/4" ABOVE TANK BOTTOM.

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 8/20/04 BY: BB/08

DATE COMPUTED: 8/24/04 BY: WHF

DATE RE-INSPECTED: 8/28/04

INTERTEK - CALEB BRETT

PAGE 1 OF 6



Caleb Brett

IB1048
HULL NO. 04-2174

TANK NO. 1
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS FOR GAUGING WITH MMC GAUGE TAPE ONLY GAUGE HEIGHT 17'-4"

IN	12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.	
	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	59,786	0	48,319	0	36,843	0	25,382	0	13,899	0	2,417	0		0		0		0		0
1/4	59,557	1/4	48,080	1/4	36,604	1/4	25,142	1/4	13,660	1/4	2,178	1/4		1/4		1/4		1/4		1/4
1/2	59,318	1/2	47,841	1/2	36,365	1/2	24,903	1/2	13,421	1/2	1,939	1/2		1/2		1/2		1/2		1/2
3/4	59,079	3/4	47,602	3/4	36,126	3/4	24,664	3/4	13,182	3/4	1,700	3/4		3/4		3/4		3/4		3/4
1	58,839	1	47,363	1	35,887	1	24,425	1	12,943	1	1,470	1		1		1		1		1
1/4	58,600	1/4	47,124	1/4	35,648	1/4	24,186	1/4	12,703	1/4	1,241	1/4		1/4		1/4		1/4		1/4
1/2	58,361	1/2	46,885	1/2	35,408	1/2	23,946	1/2	12,464	1/2	1,032	1/2		1/2		1/2		1/2		1/2
3/4	58,122	3/4	46,646	3/4	35,169	3/4	23,707	3/4	12,225	3/4	842	3/4		3/4		3/4		3/4		3/4
2	57,883	2	46,407	2	34,930	2	23,468	2	11,986	2	673	2		2		2		2		2
1/4	57,644	1/4	46,168	1/4	34,691	1/4	23,229	1/4	11,747	1/4	523	1/4		1/4		1/4		1/4		1/4
1/2	57,405	1/2	45,929	1/2	34,452	1/2	22,990	1/2	11,507	1/2	394	1/2		1/2		1/2		1/2		1/2
3/4	57,166	3/4	45,689	3/4	34,213	3/4	22,750	3/4	11,268	3/4	284	3/4		3/4		3/4		3/4		3/4
3	56,927	3	45,450	3	33,974	3	22,511	3	11,029	3	195	3		3		3		3		3
1/4	56,688	1/4	45,211	1/4	33,735	1/4	22,272	1/4	10,790	1/4	125	1/4		1/4		1/4		1/4		1/4
1/2	56,449	1/2	44,972	1/2	33,496	1/2	22,033	1/2	10,550	1/2	75	1/2		1/2		1/2		1/2		1/2
3/4	56,209	3/4	44,733	3/4	33,257	3/4	21,793	3/4	10,311	3/4	45	3/4		3/4		3/4		3/4		3/4
4	55,970	4	44,494	4	33,018	4	21,554	4	10,072	4	35	4		4		4		4		4
1/4	55,731	1/4	44,255	1/4	32,779	1/4	21,315	1/4	9,833	1/4		1/4		1/4		1/4		1/4		1/4
1/2	55,492	1/2	44,016	1/2	32,540	1/2	21,076	1/2	9,594	1/2		1/2		1/2		1/2		1/2		1/2
3/4	55,253	3/4	43,777	3/4	32,302	3/4	20,837	3/4	9,354	3/4		3/4		3/4		3/4		3/4		3/4
5	55,014	5	43,538	5	32,063	5	20,597	5	9,115	5		5		5		5		5		5
1/4	54,775	1/4	43,299	1/4	31,825	1/4	20,358	1/4	8,876	1/4		1/4		1/4		1/4		1/4		1/4
1/2	54,536	1/2	43,059	1/2	31,586	1/2	20,119	1/2	8,637	1/2		1/2		1/2		1/2		1/2		1/2
3/4	54,297	3/4	42,820	3/4	31,347	3/4	19,880	3/4	8,398	3/4		3/4		3/4		3/4		3/4		3/4
6	54,058	6	42,581	6	31,109	6	19,641	6	8,158	6		6		6		6		6		6
1/4	53,819	1/4	42,342	1/4	30,870	1/4	19,401	1/4	7,919	1/4		1/4		1/4		1/4		1/4		1/4
1/2	53,579	1/2	42,103	1/2	30,632	1/2	19,162	1/2	7,680	1/2		1/2		1/2		1/2		1/2		1/2
3/4	53,340	3/4	41,864	3/4	30,393	3/4	18,923	3/4	7,441	3/4		3/4		3/4		3/4		3/4		3/4
7	53,101	7	41,625	7	30,155	7	18,684	7	7,201	7		7		7		7		7		7
1/4	52,862	1/4	41,386	1/4	29,916	1/4	18,444	1/4	6,962	1/4		1/4		1/4		1/4		1/4		1/4
1/2	52,623	1/2	41,147	1/2	29,677	1/2	18,205	1/2	6,723	1/2		1/2		1/2		1/2		1/2		1/2
3/4	52,384	3/4	40,908	3/4	29,439	3/4	17,966	3/4	6,484	3/4		3/4		3/4		3/4		3/4		3/4
8	52,145	8	40,669	8	29,200	8	17,727	8	6,245	8		8		8		8		8		8
1/4	51,906	1/4	40,429	1/4	28,962	1/4	17,488	1/4	6,005	1/4		1/4		1/4		1/4		1/4		1/4
1/2	51,667	1/2	40,190	1/2	28,723	1/2	17,248	1/2	5,766	1/2		1/2		1/2		1/2		1/2		1/2
3/4	51,428	3/4	39,951	3/4	28,484	3/4	17,009	3/4	5,527	3/4		3/4		3/4		3/4		3/4		3/4
9	51,189	9	39,712	9	28,246	9	16,770	9	5,288	9		9		9		9		9		9
1/4	50,949	1/4	39,473	1/4	28,007	1/4	16,531	1/4	5,049	1/4		1/4		1/4		1/4		1/4		1/4
1/2	50,710	1/2	39,234	1/2	27,769	1/2	16,292	1/2	4,809	1/2		1/2		1/2		1/2		1/2		1/2
3/4	50,471	3/4	38,995	3/4	27,530	3/4	16,052	3/4	4,570	3/4		3/4		3/4		3/4		3/4		3/4
10	50,232	10	38,756	10	27,292	10	15,813	10	4,331	10		10		10		10		10		10
1/4	49,993	1/4	38,517	1/4	27,053	1/4	15,574	1/4	4,092	1/4		1/4		1/4		1/4		1/4		1/4
1/2	49,754	1/2	38,278	1/2	26,814	1/2	15,335	1/2	3,852	1/2		1/2		1/2		1/2		1/2		1/2
3/4	49,515	3/4	38,039	3/4	26,576	3/4	15,095	3/4	3,613	3/4		3/4		3/4		3/4		3/4		3/4
11	49,276	11	37,799	11	26,337	11	14,856	11	3,374	11		11		11		11		11		11
1/4	49,037	1/4	37,560	1/4	26,099	1/4	14,617	1/4	3,135	1/4		1/4		1/4		1/4		1/4		1/4
1/2	48,798	1/2	37,321	1/2	25,860	1/2	14,378	1/2	2,896	1/2		1/2		1/2		1/2		1/2		1/2
3/4	48,559	3/4	37,082	3/4	25,621	3/4	14,139	3/4	2,656	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.

DATE STRAPPED 02/20/04 BY: BB/08
DATE COMPUTED: 02/24/04 BY: WHF
DATE RE-ISSUED: 02/28/04

INTERTEK - CALEB BRETT





Caleb Brett

IB1048

HULL NO. 04-2174

TANK NO. 2
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FOR GAUGING WITH MMC GAUGE TAPE ONLY

GAUGE HEIGHT 17'-4 1/4"

IN	12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.	
	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	54,544	0	44,082	0	33,627	0	23,166	0	12,724	0	2,262	0		0		0		0		0
1/4	54,326	1/4	43,864	1/4	33,410	1/4	22,968	1/4	12,506	1/4	2,044	1/4		1/4		1/4		1/4		1/4
1/2	54,108	1/2	43,646	1/2	33,192	1/2	22,750	1/2	12,288	1/2	1,826	1/2		1/2		1/2		1/2		1/2
3/4	53,890	3/4	43,428	3/4	32,975	3/4	22,532	3/4	12,070	3/4	1,608	3/4		3/4		3/4		3/4		3/4
1	53,672	1	43,210	1	32,758	1	22,314	1	11,852	1	1,390	1		1		1		1		1
1/4	53,454	1/4	42,992	1/4	32,541	1/4	22,096	1/4	11,634	1/4	1,172	1/4		1/4		1/4		1/4		1/4
1/2	53,236	1/2	42,774	1/2	32,323	1/2	21,878	1/2	11,416	1/2	981	1/2		1/2		1/2		1/2		1/2
3/4	53,018	3/4	42,556	3/4	32,106	3/4	21,661	3/4	11,198	3/4	845	3/4		3/4		3/4		3/4		3/4
2	52,800	2	42,338	2	31,889	2	21,443	2	10,980	2	709	2		2		2		2		2
1/4	52,582	1/4	42,120	1/4	31,672	1/4	21,225	1/4	10,762	1/4	573	1/4		1/4		1/4		1/4		1/4
1/2	52,364	1/2	41,902	1/2	31,455	1/2	21,007	1/2	10,544	1/2	437	1/2		1/2		1/2		1/2		1/2
3/4	52,146	3/4	41,684	3/4	31,237	3/4	20,789	3/4	10,327	3/4	355	3/4		3/4		3/4		3/4		3/4
3	51,928	3	41,466	3	31,020	3	20,571	3	10,109	3	273	3		3		3		3		3
1/4	51,710	1/4	41,248	1/4	30,803	1/4	20,353	1/4	9,891	1/4	191	1/4		1/4		1/4		1/4		1/4
1/2	51,492	1/2	41,030	1/2	30,586	1/2	19,263	1/2	9,673	1/2	110	1/2		1/2		1/2		1/2		1/2
3/4	51,275	3/4	40,812	3/4	30,368	3/4	19,917	3/4	9,455	3/4	82	3/4		3/4		3/4		3/4		3/4
4	51,057	4	40,594	4	30,151	4	19,699	4	9,237	4	55	4		4		4		4		4
1/4	50,839	1/4	40,376	1/4	29,934	1/4	19,481	1/4	9,019	1/4	28	1/4		1/4		1/4		1/4		1/4
1/2	50,621	1/2	40,158	1/2	29,717	1/2	19,263	1/2	8,801	1/2		1/2		1/2		1/2		1/2		1/2
3/4	50,403	3/4	39,940	3/4	29,500	3/4	19,045	3/4	8,583	3/4		3/4		3/4		3/4		3/4		3/4
5	50,185	5	39,722	5	29,282	5	18,827	5	8,365	5		5		5		5		5		5
1/4	49,967	1/4	39,504	1/4	29,065	1/4	18,609	1/4	8,147	1/4		1/4		1/4		1/4		1/4		1/4
1/2	49,749	1/2	39,286	1/2	28,848	1/2	18,391	1/2	7,929	1/2		1/2		1/2		1/2		1/2		1/2
3/4	49,531	3/4	39,068	3/4	28,631	3/4	18,173	3/4	7,711	3/4		3/4		3/4		3/4		3/4		3/4
6	49,313	6	38,850	6	28,414	6	17,955	6	7,493	6		6		6		6		6		6
1/4	49,095	1/4	38,632	1/4	28,196	1/4	17,737	1/4	7,275	1/4		1/4		1/4		1/4		1/4		1/4
1/2	48,877	1/2	38,414	1/2	27,979	1/2	17,519	1/2	7,057	1/2		1/2		1/2		1/2		1/2		1/2
3/4	48,659	3/4	38,196	3/4	27,762	3/4	17,301	3/4	6,839	3/4		3/4		3/4		3/4		3/4		3/4
7	48,441	7	37,978	7	27,545	7	17,083	7	6,621	7		7		7		7		7		7
1/4	48,223	1/4	37,761	1/4	27,328	1/4	16,865	1/4	6,403	1/4		1/4		1/4		1/4		1/4		1/4
1/2	48,005	1/2	37,543	1/2	27,110	1/2	16,647	1/2	6,185	1/2		1/2		1/2		1/2		1/2		1/2
3/4	47,787	3/4	37,325	3/4	26,892	3/4	16,429	3/4	5,967	3/4		3/4		3/4		3/4		3/4		3/4
8	47,569	8	37,107	8	26,674	8	16,211	8	5,749	8		8		8		8		8		8
1/4	47,351	1/4	36,889	1/4	26,456	1/4	15,994	1/4	5,531	1/4		1/4		1/4		1/4		1/4		1/4
1/2	47,133	1/2	36,671	1/2	26,238	1/2	15,776	1/2	5,313	1/2		1/2		1/2		1/2		1/2		1/2
3/4	46,915	3/4	36,453	3/4	26,020	3/4	15,558	3/4	5,095	3/4		3/4		3/4		3/4		3/4		3/4
9	46,697	9	36,235	9	25,802	9	15,340	9	4,877	9		9		9		9		9		9
1/4	46,479	1/4	36,017	1/4	25,584	1/4	15,122	1/4	4,660	1/4		1/4		1/4		1/4		1/4		1/4
1/2	46,261	1/2	35,800	1/2	25,366	1/2	14,904	1/2	4,442	1/2		1/2		1/2		1/2		1/2		1/2
3/4	46,043	3/4	35,582	3/4	25,148	3/4	14,686	3/4	4,224	3/4		3/4		3/4		3/4		3/4		3/4
10	45,825	10	35,365	10	24,930	10	14,468	10	4,006	10		10		10		10		10		10
1/4	45,607	1/4	35,148	1/4	24,712	1/4	14,250	1/4	3,788	1/4		1/4		1/4		1/4		1/4		1/4
1/2	45,389	1/2	34,930	1/2	24,494	1/2	14,032	1/2	3,570	1/2		1/2		1/2		1/2		1/2		1/2
3/4	45,171	3/4	34,713	3/4	24,276	3/4	13,814	3/4	3,352	3/4		3/4		3/4		3/4		3/4		3/4
11	44,953	11	34,496	11	24,058	11	13,596	11	3,134	11		11		11		11		11		11
1/4	44,735	1/4	34,279	1/4	23,840	1/4	13,378	1/4	2,916	1/4		1/4		1/4		1/4		1/4		1/4
1/2	44,518	1/2	34,061	1/2	23,622	1/2	13,160	1/2	2,698	1/2		1/2		1/2		1/2		1/2		1/2
3/4	44,300	3/4	33,844	3/4	23,404	3/4	12,942	3/4	2,480	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.

DATE STRAPPED 8/2004 BY: BBDB
DATE COMPUTED: 8/2004 BY: WHF
DATE REISSUED: 8/2004

INTERTEK - CALEB BRETT



IB1048

HULL NO. 04-2174

TANK NO. 3
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS FOR GAUGING WITH MMC GAUGE TAPE ONLY GAUGE HEIGHT 17'-4"

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.
0		0	147,971	0	137,580	0	127,154	0	116,727	0	106,300	0	95,873	0	85,446	0	75,019	0	64,593
1/4	1/4	1/4	147,772	1/4	137,383	1/4	126,936	1/4	116,509	1/4	106,083	1/4	95,656	1/4	85,229	1/4	74,802	1/4	64,375
1/2	1/2	1/2	147,573	1/2	137,184	1/2	126,737	1/2	116,262	1/2	105,835	1/2	95,439	1/2	85,012	1/2	74,585	1/2	64,158
3/4	3/4	3/4	147,375	3/4	136,985	3/4	126,282	3/4	115,816	3/4	105,408	3/4	95,004	3/4	84,595	3/4	74,186	3/4	63,771
1	1	1	147,178	1	136,787	1	125,835	1	115,423	1	104,997	1	94,584	1	84,171	1	73,758	1	63,346
1/4	1/4	1/4	146,981	1/4	136,588	1/4	125,382	1/4	114,970	1/4	104,544	1/4	94,131	1/4	83,718	1/4	73,305	1/4	62,892
1/2	1/2	1/2	146,784	1/2	136,391	1/2	124,880	1/2	114,564	1/2	104,128	1/2	93,715	1/2	83,302	1/2	72,892	1/2	62,467
3/4	3/4	3/4	146,587	3/4	136,194	3/4	124,683	3/4	114,367	3/4	103,910	3/4	93,503	3/4	82,989	3/4	72,576	3/4	62,042
2	2	2	146,390	2	135,997	2	124,486	2	114,170	2	103,713	2	93,296	2	82,792	2	72,379	2	61,817
1/4	1/4	1/4	146,193	1/4	135,800	1/4	124,289	1/4	113,973	1/4	103,516	1/4	93,089	1/4	82,605	1/4	72,182	1/4	61,592
1/2	1/2	1/2	145,996	1/2	135,603	1/2	124,092	1/2	113,776	1/2	103,319	1/2	92,892	1/2	82,408	1/2	71,975	1/2	61,367
3/4	3/4	3/4	145,799	3/4	135,406	3/4	123,895	3/4	113,579	3/4	103,122	3/4	92,695	3/4	82,212	3/4	71,778	3/4	61,170
3	3	3	145,602	3	135,209	3	123,698	3	113,382	3	102,925	3	92,498	3	82,015	3	71,581	3	60,973
1/4	1/4	1/4	145,405	1/4	135,012	1/4	123,501	1/4	113,185	1/4	102,728	1/4	92,301	1/4	81,818	1/4	71,384	1/4	60,776
1/2	1/2	1/2	145,208	1/2	134,815	1/2	123,304	1/2	112,988	1/2	102,531	1/2	92,104	1/2	81,621	1/2	71,187	1/2	60,579
3/4	3/4	3/4	145,011	3/4	134,618	3/4	123,107	3/4	112,791	3/4	102,334	3/4	91,907	3/4	81,424	3/4	70,990	3/4	60,382
4	4	4	144,814	4	134,421	4	122,910	4	112,594	4	102,137	4	91,710	4	81,227	4	70,793	4	60,185
1/4	1/4	1/4	144,617	1/4	134,224	1/4	122,713	1/4	112,397	1/4	101,944	1/4	91,513	1/4	81,030	1/4	70,596	1/4	59,988
1/2	1/2	1/2	144,420	1/2	134,027	1/2	122,516	1/2	112,200	1/2	101,747	1/2	91,316	1/2	80,833	1/2	70,399	1/2	59,791
3/4	3/4	3/4	144,223	3/4	133,830	3/4	122,319	3/4	112,003	3/4	101,550	3/4	91,119	3/4	80,636	3/4	70,202	3/4	59,594
5	5	5	144,026	5	133,633	5	122,122	5	111,806	5	101,353	5	90,922	5	80,449	5	69,805	5	59,397
1/4	1/4	1/4	143,829	1/4	133,436	1/4	121,925	1/4	111,609	1/4	101,156	1/4	90,725	1/4	80,252	1/4	69,608	1/4	59,200
1/2	1/2	1/2	143,632	1/2	133,239	1/2	121,728	1/2	111,412	1/2	100,959	1/2	90,529	1/2	80,055	1/2	69,411	1/2	58,993
3/4	3/4	3/4	143,435	3/4	133,042	3/4	121,531	3/4	111,215	3/4	100,762	3/4	90,332	3/4	79,812	3/4	69,214	3/4	58,796
6	6	6	143,238	6	132,845	6	121,334	6	111,018	6	100,565	6	90,135	6	79,615	6	69,017	6	58,599
1/4	1/4	1/4	143,041	1/4	132,648	1/4	121,137	1/4	110,821	1/4	100,368	1/4	89,944	1/4	79,418	1/4	68,820	1/4	58,402
1/2	1/2	1/2	142,844	1/2	132,451	1/2	120,940	1/2	110,624	1/2	100,171	1/2	89,747	1/2	79,221	1/2	68,623	1/2	58,205
3/4	3/4	3/4	142,647	3/4	132,254	3/4	120,743	3/4	110,427	3/4	100,000	3/4	89,550	3/4	79,024	3/4	68,426	3/4	58,008
7	7	7	142,450	7	132,057	7	120,546	7	110,230	7	100,000	7	89,353	7	78,827	7	68,229	7	57,811
1/4	1/4	1/4	142,253	1/4	131,860	1/4	120,349	1/4	110,033	1/4	99,914	1/4	89,156	1/4	78,630	1/4	68,031	1/4	57,614
1/2	1/2	1/2	142,056	1/2	131,663	1/2	120,152	1/2	109,837	1/2	99,717	1/2	88,959	1/2	78,433	1/2	67,834	1/2	57,417
3/4	3/4	3/4	141,859	3/4	131,466	3/4	119,951	3/4	109,640	3/4	99,518	3/4	88,762	3/4	78,236	3/4	67,636	3/4	57,220
8	8	8	141,662	8	131,269	8	119,754	8	109,443	8	99,321	8	88,565	8	78,039	8	67,439	8	57,023
1/4	1/4	1/4	141,465	1/4	131,072	1/4	119,557	1/4	109,246	1/4	99,122	1/4	88,368	1/4	77,842	1/4	67,241	1/4	56,826
1/2	1/2	1/2	141,268	1/2	130,875	1/2	119,360	1/2	109,049	1/2	98,914	1/2	88,171	1/2	77,645	1/2	67,044	1/2	56,629
3/4	3/4	3/4	141,071	3/4	130,678	3/4	119,163	3/4	108,848	3/4	98,717	3/4	87,978	3/4	77,448	3/4	66,847	3/4	56,432
9	9	9	140,874	9	130,481	9	118,966	9	108,651	9	98,522	9	87,781	9	77,251	9	66,650	9	56,235
1/4	1/4	1/4	140,677	1/4	130,284	1/4	118,769	1/4	108,454	1/4	98,327	1/4	87,584	1/4	77,054	1/4	66,453	1/4	56,038
1/2	1/2	1/2	140,480	1/2	130,087	1/2	118,572	1/2	108,257	1/2	98,130	1/2	87,387	1/2	76,857	1/2	66,256	1/2	55,841
3/4	3/4	3/4	140,283	3/4	129,890	3/4	118,375	3/4	108,060	3/4	97,943	3/4	87,190	3/4	76,660	3/4	66,059	3/4	55,644
10	10	10	140,086	10	129,693	10	118,178	10	107,863	10	97,748	10	87,003	10	76,463	10	65,862	10	55,447
1/4	1/4	1/4	139,889	1/4	129,496	1/4	117,993	1/4	107,666	1/4	97,553	1/4	86,806	1/4	76,266	1/4	65,665	1/4	55,250
1/2	1/2	1/2	139,692	1/2	129,299	1/2	117,796	1/2	107,469	1/2	97,348	1/2	86,609	1/2	76,069	1/2	65,468	1/2	55,053
3/4	3/4	3/4	139,495	3/4	129,102	3/4	117,599	3/4	107,272	3/4	97,151	3/4	86,412	3/4	75,872	3/4	65,271	3/4	54,856
11	11	11	139,298	11	128,905	11	117,402	11	107,075	11	96,936	11	86,215	11	75,675	11	65,074	11	54,659
1/4	1/4	1/4	139,101	1/4	128,708	1/4	117,205	1/4	106,878	1/4	96,729	1/4	86,018	1/4	75,478	1/4	64,877	1/4	54,462
1/2	1/2	1/2	138,904	1/2	128,511	1/2	117,008	1/2	106,681	1/2	96,530	1/2	85,821	1/2	75,281	1/2	64,680	1/2	54,265
3/4	3/4	3/4	138,707	3/4	128,314	3/4	116,811	3/4	106,484	3/4	96,379	3/4	85,624	3/4	75,084	3/4	64,483	3/4	54,068
12	12	12	138,510	12	128,117	12	116,614	12	106,287	12	96,180	12	85,427	12	74,887	12	64,286	12	53,871
1/4	1/4	1/4	138,313	1/4	127,920	1/4	116,417	1/4	106,090	1/4	96,073	1/4	85,230	1/4	74,690	1/4	64,089	1/4	53,674
1/2	1/2	1/2	138,116	1/2	127,723	1/2	116,220	1/2	105,893	1/2	95,966	1/2	85,033	1/2	74,493	1/2	63,892	1/2	53,477
3/4	3/4	3/4	137,919	3/4	127,526	3/4	116,023	3/4	105,696	3/4	95,769	3/4	84,836	3/4	74,296	3/4	63,695	3/4	53,280

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 NOTE: GAUGE POINT: TO TOP LIP OF 2" DIAMETER HMC BALL VALVE, LOCATED 0'-10" OFF CENTRELINE
 AND 27'-3" 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 AT CENTRELINE.
 NOTE: CAPACITY TABLE REFLECTS GAUGING ON ZERO DATUM LOCATED 1/4" ABOVE TANK BOTTOM.

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DATE STRAPPED & COMPUTED BY: BBDS
 DATE COMPUTED: 02/04/01 BY: WHF
 DATE REISSUED: 02/04/01

INTERTEK - CALEB BRETT

CAPACITIES GIVEN IN WHOLE GALLONS			FOR GAUGING WITH MMC GAUGE TAPE ONLY			GAUGE HEIGHT 17'-4"													
IN	12 FT.	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.
0	54,166	0	43,739	0	33,313	0	22,890	0	12,464	0	2,037	0		0		0		0	
1/4	53,949	1/4	43,522	1/4	33,096	1/4	22,673	1/4	12,246	1/4	1,820	1/4		1/4		1/4		1/4	
1/2	53,731	1/2	43,305	1/2	32,879	1/2	22,456	1/2	12,029	1/2	1,603	1/2		1/2		1/2		1/2	
3/4	53,514	3/4	43,087	3/4	32,662	3/4	22,238	3/4	11,812	3/4	1,385	3/4		3/4		3/4		3/4	
1	53,297	1	42,870	1	32,445	1	22,021	1	11,595	1	1,168	1		1		1		1	
1/4	53,080	1/4	42,653	1/4	32,228	1/4	21,804	1/4	11,377	1/4	978	1/4		1/4		1/4		1/4	
1/2	52,862	1/2	42,436	1/2	32,010	1/2	21,587	1/2	11,160	1/2	842	1/2		1/2		1/2		1/2	
3/4	52,645	3/4	42,218	3/4	31,793	3/4	21,370	3/4	10,943	3/4	707	3/4		3/4		3/4		3/4	
2	52,428	2	42,001	2	31,576	2	21,152	2	10,726	2	571	2		2		2		2	
1/4	52,211	1/4	41,784	1/4	31,359	1/4	20,935	1/4	10,509	1/4	435	1/4		1/4		1/4		1/4	
1/2	51,994	1/2	41,567	1/2	31,142	1/2	20,718	1/2	10,291	1/2	354	1/2		1/2		1/2		1/2	
3/4	51,776	3/4	41,350	3/4	30,925	3/4	20,501	3/4	10,074	3/4	272	3/4		3/4		3/4		3/4	
3	51,559	3	41,132	3	30,708	3	20,283	3	9,857	3	191	3		3		3		3	
1/4	51,342	1/4	40,915	1/4	30,491	1/4	20,066	1/4	9,640	1/4	109	1/4		1/4		1/4		1/4	
1/2	51,125	1/2	40,698	1/2	30,274	1/2	19,849	1/2	9,422	1/2	82	1/2		1/2		1/2		1/2	
3/4	50,907	3/4	40,481	3/4	30,057	3/4	19,632	3/4	9,205	3/4	55	3/4		3/4		3/4		3/4	
4	50,690	4	40,263	4	29,840	4	19,415	4	8,988	4	28	4		4		4		4	
1/4	50,473	1/4	40,046	1/4	29,622	1/4	19,197	1/4	8,771	1/4		1/4		1/4		1/4		1/4	
1/2	50,256	1/2	39,829	1/2	29,405	1/2	18,980	1/2	8,554	1/2		1/2		1/2		1/2		1/2	
3/4	50,039	3/4	39,612	3/4	29,188	3/4	18,763	3/4	8,336	3/4		3/4		3/4		3/4		3/4	
5	49,821	5	39,394	5	28,971	5	18,546	5	8,119	5		5		5		5		5	
1/4	49,604	1/4	39,177	1/4	28,754	1/4	18,328	1/4	7,902	1/4		1/4		1/4		1/4		1/4	
1/2	49,387	1/2	38,960	1/2	28,537	1/2	18,111	1/2	7,685	1/2		1/2		1/2		1/2		1/2	
3/4	49,170	3/4	38,743	3/4	28,320	3/4	17,894	3/4	7,467	3/4		3/4		3/4		3/4		3/4	
6	48,952	6	38,526	6	28,103	6	17,677	6	7,250	6		6		6		6		6	
1/4	48,735	1/4	38,308	1/4	27,886	1/4	17,460	1/4	7,033	1/4		1/4		1/4		1/4		1/4	
1/2	48,518	1/2	38,091	1/2	27,669	1/2	17,242	1/2	6,816	1/2		1/2		1/2		1/2		1/2	
3/4	48,301	3/4	37,874	3/4	27,452	3/4	17,025	3/4	6,599	3/4		3/4		3/4		3/4		3/4	
7	48,083	7	37,657	7	27,234	7	16,808	7	6,381	7		7		7		7		7	
1/4	47,866	1/4	37,439	1/4	27,017	1/4	16,591	1/4	6,164	1/4		1/4		1/4		1/4		1/4	
1/2	47,649	1/2	37,222	1/2	26,800	1/2	16,373	1/2	5,947	1/2		1/2		1/2		1/2		1/2	
3/4	47,432	3/4	37,005	3/4	26,583	3/4	16,156	3/4	5,730	3/4		3/4		3/4		3/4		3/4	
8	47,215	8	36,788	8	26,366	8	15,939	8	5,513	8		8		8		8		8	
1/4	46,997	1/4	36,571	1/4	26,148	1/4	15,722	1/4	5,295	1/4		1/4		1/4		1/4		1/4	
1/2	46,780	1/2	36,353	1/2	25,931	1/2	15,505	1/2	5,078	1/2		1/2		1/2		1/2		1/2	
3/4	46,563	3/4	36,136	3/4	25,714	3/4	15,287	3/4	4,861	3/4		3/4		3/4		3/4		3/4	
9	46,346	9	35,919	9	25,497	9	15,070	9	4,644	9		9		9		9		9	
1/4	46,128	1/4	35,702	1/4	25,279	1/4	14,853	1/4	4,426	1/4		1/4		1/4		1/4		1/4	
1/2	45,911	1/2	35,485	1/2	25,062	1/2	14,636	1/2	4,209	1/2		1/2		1/2		1/2		1/2	
3/4	45,694	3/4	35,267	3/4	24,845	3/4	14,419	3/4	3,992	3/4		3/4		3/4		3/4		3/4	
10	45,477	10	35,050	10	24,628	10	14,201	10	3,775	10		10		10		10		10	
1/4	45,260	1/4	34,833	1/4	24,411	1/4	13,984	1/4	3,558	1/4		1/4		1/4		1/4		1/4	
1/2	45,042	1/2	34,616	1/2	24,193	1/2	13,767	1/2	3,340	1/2		1/2		1/2		1/2		1/2	
3/4	44,825	3/4	34,399	3/4	23,976	3/4	13,550	3/4	3,123	3/4		3/4		3/4		3/4		3/4	
11	44,608	11	34,182	11	23,759	11	13,332	11	2,906	11		11		11		11		11	
1/4	44,391	1/4	33,965	1/4	23,542	1/4	13,115	1/4	2,689	1/4		1/4		1/4		1/4		1/4	
1/2	44,173	1/2	33,747	1/2	23,324	1/2	12,898	1/2	2,471	1/2		1/2		1/2		1/2		1/2	
3/4	43,956	3/4	33,530	3/4	23,107	3/4	12,681	3/4	2,254	3/4		3/4		3/4		3/4		3/4	

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DATE STRAPPED 02/04 BY: BBDS
DATE COMPUTED 02/04 BY: WHF
DATE RE-ISSUED 02/04

INTERTEK - CALEB BRETT