



Inchcape Testing  
Services  
Caleb Brett

IB947

HULL NUMBER 8014

TANK

1

Capacities in Gallons

Table Scaled from Reference 0' 00" of Hermetic Gauging Unit

Page 1 of 2

3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET	
0		0	138,842	0	129,379	0	119,917	0	110,454	0	99,860	0	89,056	0	78,253
1/4		1/4	138,645	1/4	129,182	1/4	119,719	1/4	110,257	1/4	99,635	1/4	88,831	1/4	78,028
1/2		1/2	138,448	1/2	128,985	1/2	119,522	1/2	110,060	1/2	99,410	1/2	88,606	1/2	77,803
3/4		3/4	138,251	3/4	128,788	3/4	119,325	3/4	109,862	3/4	99,185	3/4	88,381	3/4	77,578
1	143,770	1	138,053	1	128,591	1	119,128	1	109,665	1	98,960	1	88,156	1	77,353
1/4	143,765	1/4	137,856	1/4	128,394	1/4	118,931	1/4	109,468	1/4	98,735	1/4	87,931	1/4	77,128
1/2	143,760	1/2	137,659	1/2	128,196	1/2	118,734	1/2	109,271	1/2	98,509	1/2	87,706	1/2	76,903
3/4	143,739	3/4	137,462	3/4	127,999	3/4	118,537	3/4	109,060	3/4	98,284	3/4	87,481	3/4	76,678
2	143,719	2	137,265	2	127,802	2	118,339	2	108,849	2	98,059	2	87,256	2	76,453
1/4	143,698	1/4	137,068	1/4	127,605	1/4	118,142	1/4	108,638	1/4	97,834	1/4	87,031	1/4	76,227
1/2	143,677	1/2	136,871	1/2	127,408	1/2	117,945	1/2	108,413	1/2	97,609	1/2	86,806	1/2	76,002
3/4	143,636	3/4	136,673	3/4	127,211	3/4	117,748	3/4	108,187	3/4	97,384	3/4	86,581	3/4	75,777
3	143,594	3	136,476	3	127,014	3	117,551	3	107,962	3	97,159	3	86,356	3	75,552
1/4	143,553	1/4	136,279	1/4	126,816	1/4	117,354	1/4	107,737	1/4	96,934	1/4	86,131	1/4	75,327
1/2	143,511	1/2	136,082	1/2	126,619	1/2	117,157	1/2	107,512	1/2	96,709	1/2	85,906	1/2	75,102
3/4	143,449	3/4	135,885	3/4	126,422	3/4	116,959	3/4	107,287	3/4	96,484	3/4	85,680	3/4	74,877
4	143,387	4	135,688	4	126,225	4	116,762	4	107,062	4	96,259	4	85,455	4	74,652
1/4	143,324	1/4	135,491	1/4	126,028	1/4	116,565	1/4	106,837	1/4	96,034	1/4	85,230	1/4	74,427
1/2	143,262	1/2	135,293	1/2	125,831	1/2	116,368	1/2	106,612	1/2	95,809	1/2	85,005	1/2	74,202
3/4	143,179	3/4	135,096	3/4	125,634	3/4	116,171	3/4	106,387	3/4	95,584	3/4	84,780	3/4	73,977
5	143,096	5	134,899	5	125,436	5	115,974	5	106,162	5	95,358	5	84,555	5	73,752
1/4	143,013	1/4	134,702	1/4	125,239	1/4	115,777	1/4	105,937	1/4	95,133	1/4	84,330	1/4	73,527
1/2	142,930	1/2	134,505	1/2	125,042	1/2	115,579	1/2	105,712	1/2	94,908	1/2	84,105	1/2	73,302
3/4	142,826	3/4	134,308	3/4	124,845	3/4	115,382	3/4	105,487	3/4	94,683	3/4	83,880	3/4	73,077
6	142,723	6	134,111	6	124,648	6	115,185	6	105,262	6	94,458	6	83,655	6	72,851
1/4	142,619	1/4	133,913	1/4	124,451	1/4	114,988	1/4	105,036	1/4	94,233	1/4	83,430	1/4	72,626
1/2	142,515	1/2	133,716	1/2	124,254	1/2	114,791	1/2	104,811	1/2	94,008	1/2	83,205	1/2	72,401
3/4	142,390	3/4	133,519	3/4	124,057	3/4	114,594	3/4	104,586	3/4	93,783	3/4	82,980	3/4	72,176
7	142,266	7	133,322	7	123,859	7	114,397	7	104,361	7	93,558	7	82,755	7	71,951
1/4	142,141	1/4	133,125	1/4	123,662	1/4	114,200	1/4	104,136	1/4	93,333	1/4	82,529	1/4	71,726
1/2	142,017	1/2	132,928	1/2	123,465	1/2	114,002	1/2	103,911	1/2	93,108	1/2	82,304	1/2	71,501
3/4	141,872	3/4	132,731	3/4	123,268	3/4	113,805	3/4	103,686	3/4	92,883	3/4	82,079	3/4	71,276
8	141,726	8	132,534	8	123,071	8	113,608	8	103,461	8	92,658	8	81,854	8	71,051
1/4	141,581	1/4	132,336	1/4	122,874	1/4	113,411	1/4	103,236	1/4	92,433	1/4	81,629	1/4	70,826
1/2	141,436	1/2	132,139	1/2	122,677	1/2	113,214	1/2	103,011	1/2	92,207	1/2	81,404	1/2	70,601
3/4	141,270	3/4	131,942	3/4	122,479	3/4	113,017	3/4	102,786	3/4	91,982	3/4	81,179	3/4	70,376
9	141,104	9	131,745	9	122,282	9	112,820	9	102,561	9	91,757	9	80,954	9	70,151
1/4	140,938	1/4	131,548	1/4	122,085	1/4	112,622	1/4	102,336	1/4	91,532	1/4	80,729	1/4	69,926
1/2	140,772	1/2	131,351	1/2	121,888	1/2	112,425	1/2	102,111	1/2	91,307	1/2	80,504	1/2	69,700
3/4	140,585	3/4	131,154	3/4	121,691	3/4	112,228	3/4	101,885	3/4	91,082	3/4	80,279	3/4	69,475
10	140,398	10	130,956	10	121,494	10	112,031	10	101,660	10	90,857	10	80,054	10	69,250
1/4	140,212	1/4	130,759	1/4	121,297	1/4	111,834	1/4	101,435	1/4	90,632	1/4	79,829	1/4	69,025
1/2	140,025	1/2	130,562	1/2	121,099	1/2	111,637	1/2	101,210	1/2	90,407	1/2	79,604	1/2	68,800
3/4	139,828	3/4	130,365	3/4	120,902	3/4	111,440	3/4	100,985	3/4	90,182	3/4	79,378	3/4	68,575
11	139,631	11	130,168	11	120,705	11	111,242	11	100,760	11	89,957	11	79,153	11	68,350
1/4	139,433	1/4	129,971	1/4	120,508	1/4	111,045	1/4	100,535	1/4	89,732	1/4	78,928	1/4	68,125
1/2	139,236	1/2	129,774	1/2	120,311	1/2	110,848	1/2	100,310	1/2	89,507	1/2	78,703	1/2	67,900
3/4	139,039	3/4	129,576	3/4	120,114	3/4	110,651	3/4	100,085	3/4	89,282	3/4	78,478	3/4	67,675

\*\* Volume below Strike Point.

For Open Gauging to lip of Hermetic Valve add 1' 6 1/2" to Observed Ullage.

Total Gauge Height - 17' 2 1/2" to 0' 00" of Hermetic Gauging Unit.  
Gauge Point located 21' 07" from Forward Bulkhead near Centerline.

ULLAGE TABLE

IB947



HULL NUMBER 8014

TANK

1

Capacities in Gallons

Table Scaled from Reference 0' 00" of Hermetic Gauging Unit

Page 2 of 2

11 FEET		12 FEET		13 FEET		14 FEET		15 FEET		16 FEET		17 FEET		18 FEET	
0	67,450	0	56,646	0	45,843	0	35,041	0	24,254	0	13,471	0	2,672	0	
1/4	67,225	1/4	56,421	1/4	45,618	1/4	34,816	1/4	24,030	1/4	13,246	1/4	2,448	1/4	
1/2	67,000	1/2	56,196	1/2	45,393	1/2	34,590	1/2	23,806	1/2	13,021	1/2	2,225	1/2	
3/4	66,775	3/4	55,971	3/4	45,168	3/4	34,365	3/4	23,582	3/4	12,795	3/4	2,001	3/4	
1	66,549	1	55,746	1	44,943	1	34,140	1	23,357	1	12,570	1	1,778	1	
1/4	66,324	1/4	55,521	1/4	44,718	1/4	33,915	1/4	23,133	1/4	12,345	1/4	1,556	1/4	
1/2	66,099	1/2	55,296	1/2	44,493	1/2	33,690	1/2	22,909	1/2	12,120	1/2	1,334	1/2	
3/4	65,874	3/4	55,071	3/4	44,268	3/4	33,465	3/4	22,685	3/4	11,895	3/4	1,111	3/4	
2	65,649	2	54,846	2	44,043	2	33,240	2	22,461	2	11,670	2	889	2	
1/4	65,424	1/4	54,621	1/4	43,818	1/4	33,015	1/4	22,237	1/4	11,445	1/4	679	1/4	
1/2	65,199	1/2	54,396	1/2	43,593	1/2	32,790	1/2	22,013	1/2	11,220	1/2	** 468	1/2	
3/4	64,974	3/4	54,171	3/4	43,368	3/4	32,565	3/4	21,789	3/4	10,995	3/4		3/4	
3	64,749	3	53,946	3	43,143	3	32,340	3	21,564	3	10,770	3		3	
1/4	64,524	1/4	53,721	1/4	42,918	1/4	32,115	1/4	21,340	1/4	10,545	1/4		1/4	
1/2	64,299	1/2	53,496	1/2	42,693	1/2	31,890	1/2	21,116	1/2	10,320	1/2		1/2	
3/4	64,074	3/4	53,271	3/4	42,468	3/4	31,665	3/4	20,892	3/4	10,095	3/4		3/4	
4	63,849	4	53,045	4	42,242	4	31,440	4	20,668	4	9,870	4		4	
1/4	63,624	1/4	52,820	1/4	42,017	1/4	31,215	1/4	20,444	1/4	9,645	1/4		1/4	
1/2	63,398	1/2	52,595	1/2	41,792	1/2	30,990	1/2	20,220	1/2	9,419	1/2		1/2	
3/4	63,173	3/4	52,370	3/4	41,567	3/4	30,765	3/4	19,995	3/4	9,194	3/4		3/4	
5	62,948	5	52,145	5	41,342	5	30,539	5	19,771	5	8,969	5		5	
1/4	62,723	1/4	51,920	1/4	41,117	1/4	30,314	1/4	19,547	1/4	8,744	1/4		1/4	
1/2	62,498	1/2	51,695	1/2	40,892	1/2	30,089	1/2	19,322	1/2	8,519	1/2		1/2	
3/4	62,273	3/4	51,470	3/4	40,667	3/4	29,864	3/4	19,097	3/4	8,294	3/4		3/4	
6	62,048	6	51,245	6	40,442	6	29,639	6	18,872	6	8,069	6		6	
1/4	61,823	1/4	51,020	1/4	40,217	1/4	29,414	1/4	18,647	1/4	7,844	1/4		1/4	
1/2	61,598	1/2	50,795	1/2	39,992	1/2	29,189	1/2	18,422	1/2	7,619	1/2		1/2	
3/4	61,373	3/4	50,569	3/4	39,767	3/4	28,964	3/4	18,197	3/4	7,394	3/4		3/4	
7	61,148	7	50,344	7	39,542	7	28,739	7	17,972	7	7,169	7		7	
1/4	60,923	1/4	50,119	1/4	39,317	1/4	28,514	1/4	17,747	1/4	6,944	1/4		1/4	
1/2	60,698	1/2	49,894	1/2	39,092	1/2	28,289	1/2	17,522	1/2	6,719	1/2		1/2	
3/4	60,473	3/4	49,669	3/4	38,867	3/4	28,065	3/4	17,297	3/4	6,494	3/4		3/4	
8	60,248	8	49,444	8	38,641	8	27,840	8	17,072	8	6,268	8		8	
1/4	60,022	1/4	49,219	1/4	38,416	1/4	27,616	1/4	16,847	1/4	6,043	1/4		1/4	
1/2	59,797	1/2	48,994	1/2	38,191	1/2	27,392	1/2	16,622	1/2	5,818	1/2		1/2	
3/4	59,572	3/4	48,769	3/4	37,966	3/4	27,168	3/4	16,397	3/4	5,593	3/4		3/4	
9	59,347	9	48,544	9	37,741	9	26,943	9	16,171	9	5,368	9		9	
1/4	59,122	1/4	48,319	1/4	37,516	1/4	26,719	1/4	15,946	1/4	5,143	1/4		1/4	
1/2	58,897	1/2	48,094	1/2	37,291	1/2	26,495	1/2	15,721	1/2	4,918	1/2		1/2	
3/4	58,672	3/4	47,869	3/4	37,066	3/4	26,271	3/4	15,496	3/4	4,693	3/4		3/4	
10	58,447	10	47,644	10	36,841	10	26,047	10	15,271	10	4,468	10		10	
1/4	58,222	1/4	47,419	1/4	36,616	1/4	25,823	1/4	15,046	1/4	4,243	1/4		1/4	
1/2	57,997	1/2	47,194	1/2	36,391	1/2	25,599	1/2	14,821	1/2	4,019	1/2		1/2	
3/4	57,772	3/4	46,969	3/4	36,166	3/4	25,375	3/4	14,596	3/4	3,794	3/4		3/4	
11	57,547	11	46,743	11	35,941	11	25,150	11	14,371	11	3,569	11		11	
1/4	57,322	1/4	46,518	1/4	35,716	1/4	24,926	1/4	14,146	1/4	3,345	1/4		1/4	
1/2	57,097	1/2	46,293	1/2	35,491	1/2	24,702	1/2	13,921	1/2	3,120	1/2		1/2	
3/4	56,871	3/4	46,068	3/4	35,266	3/4	24,478	3/4	13,696	3/4	2,896	3/4		3/4	

\*\* Volume below Strike Point.

Reissued : September 1996  
Strapped : 16 December 1980  
Computed : HMIII

HRB

Calculated per API 2553/66

For Open Gauging to lip of Hermetic Valve add 1' 6 1/2" to Observed Ullage.

Total Gauge Height - 17' 2 1/2" to 0' 00" of Hermetic Gauging Unit.  
Gauge Point located 21' 07" from Forward Bulkhead near Centerline.

ULLAGE TABLE

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Caleb Brett

HULL NUMBER 8014

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Capacities In Gallons

Table Scaled from Reference 0' 00" of Hermetic Gauging Unit

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3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET	
0	149,623	0	142,836	0	131,968	0	121,100	0	110,232	0	99,364	0	88,497	0	77,629
1/4	149,617	1/4	142,610	1/4	131,742	1/4	120,874	1/4	110,006	1/4	99,138	1/4	88,270	1/4	77,402
1/2	149,593	1/2	142,383	1/2	131,515	1/2	120,647	1/2	109,780	1/2	98,912	1/2	88,044	1/2	77,176
3/4	149,569	3/4	142,157	3/4	131,289	3/4	120,421	3/4	109,553	3/4	98,685	3/4	87,817	3/4	76,949
1	149,545	1	141,930	1	131,062	1	120,195	1	109,327	1	98,459	1	87,591	1	76,723
1/4	149,521	1/4	141,704	1/4	130,836	1/4	119,968	1/4	109,100	1/4	98,232	1/4	87,364	1/4	76,497
1/2	149,474	1/2	141,478	1/2	130,610	1/2	119,742	1/2	108,874	1/2	98,006	1/2	87,138	1/2	76,270
3/4	149,426	3/4	141,251	3/4	130,383	3/4	119,515	3/4	108,647	3/4	97,780	3/4	86,912	3/4	76,044
2	149,378	2	141,025	2	130,157	2	119,289	2	108,421	2	97,553	2	86,685	2	75,817
1/4	149,331	1/4	140,798	1/4	129,930	1/4	119,063	1/4	108,195	1/4	97,327	1/4	86,459	1/4	75,591
1/2	149,259	1/2	140,572	1/2	129,704	1/2	118,836	1/2	107,968	1/2	97,100	1/2	86,232	1/2	75,364
3/4	149,188	3/4	140,346	3/4	129,478	3/4	118,610	3/4	107,742	3/4	96,874	3/4	86,006	3/4	75,138
3	149,116	3	140,119	3	129,251	3	118,383	3	107,515	3	96,647	3	85,780	3	74,912
1/4	149,045	1/4	139,893	1/4	129,025	1/4	118,157	1/4	107,289	1/4	96,421	1/4	85,553	1/4	74,685
1/2	148,949	1/2	139,666	1/2	128,798	1/2	117,930	1/2	107,063	1/2	96,195	1/2	85,327	1/2	74,459
3/4	148,854	3/4	139,440	3/4	128,572	3/4	117,704	3/4	106,836	3/4	95,968	3/4	85,100	3/4	74,232
4	148,759	4	139,213	4	128,346	4	117,478	4	106,610	4	95,742	4	84,874	4	74,006
1/4	148,663	1/4	138,987	1/4	128,119	1/4	117,251	1/4	106,383	1/4	95,515	1/4	84,647	1/4	73,780
1/2	148,544	1/2	138,761	1/2	127,893	1/2	117,025	1/2	106,157	1/2	95,289	1/2	84,421	1/2	73,553
3/4	148,425	3/4	138,534	3/4	127,666	3/4	116,798	3/4	105,930	3/4	95,063	3/4	84,195	3/4	73,327
5	148,306	5	138,308	5	127,440	5	116,572	5	105,704	5	94,836	5	83,968	5	73,100
1/4	148,187	1/4	138,081	1/4	127,213	1/4	116,346	1/4	105,478	1/4	94,610	1/4	83,742	1/4	72,874
1/2	148,044	1/2	137,855	1/2	126,987	1/2	116,119	1/2	105,251	1/2	94,383	1/2	83,515	1/2	72,647
3/4	147,901	3/4	137,629	3/4	126,761	3/4	115,893	3/4	105,025	3/4	94,157	3/4	83,289	3/4	72,421
6	147,758	6	137,402	6	126,534	6	115,666	6	104,798	6	93,930	6	83,063	6	72,195
1/4	147,615	1/4	137,176	1/4	126,308	1/4	115,440	1/4	104,572	1/4	93,704	1/4	82,836	1/4	71,968
1/2	147,448	1/2	136,949	1/2	126,081	1/2	115,213	1/2	104,346	1/2	93,478	1/2	82,610	1/2	71,742
3/4	147,281	3/4	136,723	3/4	125,855	3/4	114,987	3/4	104,119	3/4	93,251	3/4	82,383	3/4	71,515
7	147,114	7	136,496	7	125,629	7	114,761	7	103,893	7	93,025	7	82,157	7	71,289
1/4	146,947	1/4	136,270	1/4	125,402	1/4	114,534	1/4	103,666	1/4	92,798	1/4	81,930	1/4	71,063
1/2	146,757	1/2	136,044	1/2	125,176	1/2	114,308	1/2	103,440	1/2	92,572	1/2	81,704	1/2	70,836
3/4	146,566	3/4	135,817	3/4	124,949	3/4	114,081	3/4	103,213	3/4	92,346	3/4	81,478	3/4	70,610
8	146,375	8	135,591	8	124,723	8	113,855	8	102,987	8	92,119	8	81,251	8	70,383
1/4	146,185	1/4	135,364	1/4	124,496	1/4	113,629	1/4	102,761	1/4	91,893	1/4	81,025	1/4	70,157
1/2	145,970	1/2	135,138	1/2	124,270	1/2	113,402	1/2	102,534	1/2	91,666	1/2	80,798	1/2	69,931
3/4	145,756	3/4	134,912	3/4	124,044	3/4	113,176	3/4	102,308	3/4	91,440	3/4	80,572	3/4	69,704
9	145,541	9	134,685	9	123,817	9	112,949	9	102,081	9	91,213	9	80,346	9	69,478
1/4	145,327	1/4	134,459	1/4	123,591	1/4	112,723	1/4	101,855	1/4	90,987	1/4	80,119	1/4	69,251
1/2	145,100	1/2	134,232	1/2	123,364	1/2	112,496	1/2	101,629	1/2	90,761	1/2	79,893	1/2	69,025
3/4	144,874	3/4	134,006	3/4	123,138	3/4	112,270	3/4	101,402	3/4	90,534	3/4	79,666	3/4	68,798
10	144,647	10	133,779	10	122,912	10	112,044	10	101,176	10	90,308	10	79,440	10	68,572
1/4	144,421	1/4	133,553	1/4	122,685	1/4	111,817	1/4	100,949	1/4	90,081	1/4	79,214	1/4	68,346
1/2	144,195	1/2	133,327	1/2	122,459	1/2	111,591	1/2	100,723	1/2	89,855	1/2	78,987	1/2	68,119
3/4	143,968	3/4	133,100	3/4	122,232	3/4	111,364	3/4	100,497	3/4	89,629	3/4	78,761	3/4	67,893
11	143,742	11	132,874	11	122,006	11	111,138	11	100,270	11	89,402	11	78,534	11	67,666
1/4	143,515	1/4	132,647	1/4	121,779	1/4	110,912	1/4	100,044	1/4	89,176	1/4	78,308	1/4	67,440
1/2	143,289	1/2	132,421	1/2	121,553	1/2	110,685	1/2	99,817	1/2	88,949	1/2	78,081	1/2	67,214
3/4	143,062	3/4	132,195	3/4	121,327	3/4	110,459	3/4	99,591	3/4	88,723	3/4	77,855	3/4	66,987

\*\* Volume below Strike Point.

For Open Gauging to lip of Hermetic Valve add 1' 6 1/4" to Observed Ullage.

Total Gauge Height - 17' 1 1/4" to 0' 00" of Hermetic Gauging Unit.  
Gauge Point located 22' 02" from Forward Bulkhead near Centerline.

ULLAGE TABLE

IB947



TANK  
**2**

HULL NUMBER 8014

Capacities in Gallons

Table Scaled from Reference 0' 00" of Hermetic Gauging Unit

Page 2 of 2

11 FEET		12 FEET		13 FEET		14 FEET		15 FEET		16 FEET		17 FEET		18 FEET	
0	66,761	0	55,893	0	45,025	0	34,157	0	23,309	0	12,457	0	1,603	0	
1/4	66,534	1/4	55,666	1/4	44,798	1/4	33,931	1/4	23,084	1/4	12,230	1/4	1,379	1/4	
1/2	66,308	1/2	55,440	1/2	44,572	1/2	33,704	1/2	22,858	1/2	12,004	1/2	1,156	1/2	
3/4	66,081	3/4	55,214	3/4	44,346	3/4	33,478	3/4	22,633	3/4	11,777	3/4	932	3/4	
1	65,855	1	54,987	1	44,119	1	33,251	1	22,407	1	11,551	1	711	1	
1/4	65,629	1/4	54,761	1/4	43,893	1/4	33,025	1/4	22,182	1/4	11,325	1/4	** 490	1/4	
1/2	65,402	1/2	54,534	1/2	43,666	1/2	32,798	1/2	21,956	1/2	11,098	1/2		1/2	
3/4	65,176	3/4	54,308	3/4	43,440	3/4	32,572	3/4	21,731	3/4	10,872	3/4		3/4	
2	64,949	2	54,081	2	43,214	2	32,346	2	21,505	2	10,645	2		2	
1/4	64,723	1/4	53,855	1/4	42,987	1/4	32,119	1/4	21,280	1/4	10,419	1/4		1/4	
1/2	64,497	1/2	53,629	1/2	42,761	1/2	31,893	1/2	21,054	1/2	10,193	1/2		1/2	
3/4	64,270	3/4	53,402	3/4	42,534	3/4	31,666	3/4	20,828	3/4	9,966	3/4		3/4	
3	64,044	3	53,176	3	42,308	3	31,440	3	20,603	3	9,740	3		3	
1/4	63,817	1/4	52,949	1/4	42,081	1/4	31,214	1/4	20,377	1/4	9,513	1/4		1/4	
1/2	63,591	1/2	52,723	1/2	41,855	1/2	30,987	1/2	20,152	1/2	9,287	1/2		1/2	
3/4	63,364	3/4	52,497	3/4	41,629	3/4	30,761	3/4	19,926	3/4	9,061	3/4		3/4	
4	63,138	4	52,270	4	41,402	4	30,534	4	19,701	4	8,834	4		4	
1/4	62,912	1/4	52,044	1/4	41,176	1/4	30,308	1/4	19,475	1/4	8,608	1/4		1/4	
1/2	62,685	1/2	51,817	1/2	40,949	1/2	30,081	1/2	19,249	1/2	8,381	1/2		1/2	
3/4	62,459	3/4	51,591	3/4	40,723	3/4	29,855	3/4	19,022	3/4	8,155	3/4		3/4	
5	62,232	5	51,364	5	40,497	5	29,629	5	18,796	5	7,929	5		5	
1/4	62,006	1/4	51,138	1/4	40,270	1/4	29,402	1/4	18,570	1/4	7,702	1/4		1/4	
1/2	61,780	1/2	50,912	1/2	40,044	1/2	29,176	1/2	18,343	1/2	7,476	1/2		1/2	
3/4	61,553	3/4	50,685	3/4	39,817	3/4	28,949	3/4	18,117	3/4	7,249	3/4		3/4	
6	61,327	6	50,459	6	39,591	6	28,723	6	17,890	6	7,023	6		6	
1/4	61,100	1/4	50,232	1/4	39,365	1/4	28,497	1/4	17,664	1/4	6,797	1/4		1/4	
1/2	60,874	1/2	50,006	1/2	39,138	1/2	28,271	1/2	17,438	1/2	6,570	1/2		1/2	
3/4	60,647	3/4	49,780	3/4	38,912	3/4	28,045	3/4	17,211	3/4	6,344	3/4		3/4	
7	60,421	7	49,553	7	38,685	7	27,819	7	16,985	7	6,117	7		7	
1/4	60,195	1/4	49,327	1/4	38,459	1/4	27,594	1/4	16,758	1/4	5,891	1/4		1/4	
1/2	59,968	1/2	49,100	1/2	38,232	1/2	27,368	1/2	16,532	1/2	5,665	1/2		1/2	
3/4	59,742	3/4	48,874	3/4	38,006	3/4	27,143	3/4	16,306	3/4	5,438	3/4		3/4	
8	59,515	8	48,648	8	37,780	8	26,917	8	16,079	8	5,212	8		8	
1/4	59,289	1/4	48,421	1/4	37,553	1/4	26,692	1/4	15,853	1/4	4,985	1/4		1/4	
1/2	59,063	1/2	48,195	1/2	37,327	1/2	26,466	1/2	15,626	1/2	4,759	1/2		1/2	
3/4	58,836	3/4	47,968	3/4	37,100	3/4	26,241	3/4	15,400	3/4	4,533	3/4		3/4	
9	58,610	9	47,742	9	36,874	9	26,015	9	15,174	9	4,307	9		9	
1/4	58,383	1/4	47,515	1/4	36,648	1/4	25,790	1/4	14,947	1/4	4,080	1/4		1/4	
1/2	58,157	1/2	47,289	1/2	36,421	1/2	25,564	1/2	14,721	1/2	3,854	1/2		1/2	
3/4	57,931	3/4	47,063	3/4	36,195	3/4	25,339	3/4	14,494	3/4	3,628	3/4		3/4	
10	57,704	10	46,836	10	35,968	10	25,113	10	14,268	10	3,403	10		10	
1/4	57,478	1/4	46,610	1/4	35,742	1/4	24,888	1/4	14,042	1/4	3,177	1/4		1/4	
1/2	57,251	1/2	46,383	1/2	35,515	1/2	24,662	1/2	13,815	1/2	2,951	1/2		1/2	
3/4	57,025	3/4	46,157	3/4	35,289	3/4	24,437	3/4	13,589	3/4	2,726	3/4		3/4	
11	56,798	11	45,931	11	35,063	11	24,211	11	13,362	11	2,501	11		11	
1/4	56,572	1/4	45,704	1/4	34,836	1/4	23,986	1/4	13,136	1/4	2,276	1/4		1/4	
1/2	56,346	1/2	45,478	1/2	34,610	1/2	23,760	1/2	12,909	1/2	2,051	1/2		1/2	
3/4	56,119	3/4	45,251	3/4	34,383	3/4	23,535	3/4	12,683	3/4	1,826	3/4		3/4	

\*\* Volume below Strike Point.

For Open Gauging to lip of Hermetic Valve add 1' 6 1/4" to Observed Ullage.

Total Gauge Height - 17' 1 1/4" to 0' 00" of Hermetic Gauging Unit.  
Gauge Point located 22' 02" from Forward Bulkhead near Centerline.

Reissued : September 1996  
Strapped : 16 December 1980  
Computed : HMIII

Calculated per API 2553/66

*ADD*

ULLAGE TABLE

IB947



Inchcape Testing  
Services  
Caleb Brett

HULL NUMBER 8014

TANK  
**3**

Capacities In Gallons

Table Scaled from Reference 0' 00" of Hermetic Gauging Unit

Page 1 of 2

3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET	
0		0	142,696	0	132,631	0	122,238	0	111,475	0	100,555	0	89,635	0	78,715
1/4		1/4	142,487	1/4	132,418	1/4	122,017	1/4	111,248	1/4	100,328	1/4	89,408	1/4	78,488
1/2	148,328	1/2	142,279	1/2	132,205	1/2	121,797	1/2	111,020	1/2	100,100	1/2	89,180	1/2	78,260
3/4	148,323	3/4	142,070	3/4	131,993	3/4	121,577	3/4	110,793	3/4	99,873	3/4	88,953	3/4	78,033
1	148,317	1	141,861	1	131,780	1	121,356	1	110,565	1	99,645	1	88,725	1	77,805
1/4	148,295	1/4	141,653	1/4	131,566	1/4	121,134	1/4	110,338	1/4	99,418	1/4	88,498	1/4	77,578
1/2	148,273	1/2	141,444	1/2	131,352	1/2	120,913	1/2	110,110	1/2	99,190	1/2	88,270	1/2	77,350
3/4	148,251	3/4	141,235	3/4	131,138	3/4	120,691	3/4	109,883	3/4	98,963	3/4	88,043	3/4	77,123
2	148,229	2	141,027	2	130,924	2	120,469	2	109,655	2	98,735	2	87,815	2	76,895
1/4	148,185	1/4	140,818	1/4	130,710	1/4	120,248	1/4	109,428	1/4	98,508	1/4	87,588	1/4	76,668
1/2	148,142	1/2	140,610	1/2	130,497	1/2	120,026	1/2	109,200	1/2	98,280	1/2	87,360	1/2	76,440
3/4	148,098	3/4	140,401	3/4	130,283	3/4	119,804	3/4	108,973	3/4	98,053	3/4	87,133	3/4	76,213
3	148,054	3	140,192	3	130,069	3	119,583	3	108,745	3	97,825	3	86,905	3	75,985
1/4	147,988	1/4	139,984	1/4	129,853	1/4	119,360	1/4	108,518	1/4	97,598	1/4	86,678	1/4	75,758
1/2	147,922	1/2	139,775	1/2	129,638	1/2	119,137	1/2	108,290	1/2	97,370	1/2	86,450	1/2	75,530
3/4	147,856	3/4	139,567	3/4	129,423	3/4	118,914	3/4	108,063	3/4	97,143	3/4	86,223	3/4	75,303
4	147,790	4	139,358	4	129,208	4	118,691	4	107,835	4	96,915	4	85,995	4	75,075
1/4	147,702	1/4	139,149	1/4	128,993	1/4	118,468	1/4	107,608	1/4	96,688	1/4	85,768	1/4	74,848
1/2	147,615	1/2	138,941	1/2	128,777	1/2	118,245	1/2	107,380	1/2	96,460	1/2	85,540	1/2	74,620
3/4	147,527	3/4	138,732	3/4	128,562	3/4	118,022	3/4	107,153	3/4	96,233	3/4	85,313	3/4	74,393
5	147,439	5	138,524	5	128,347	5	117,799	5	106,925	5	96,005	5	85,085	5	74,165
1/4	147,329	1/4	138,315	1/4	128,130	1/4	117,575	1/4	106,698	1/4	95,778	1/4	84,858	1/4	73,938
1/2	147,219	1/2	138,106	1/2	127,914	1/2	117,350	1/2	106,470	1/2	95,550	1/2	84,630	1/2	73,710
3/4	147,109	3/4	137,898	3/4	127,697	3/4	117,126	3/4	106,243	3/4	95,323	3/4	84,403	3/4	73,483
6	147,000	6	137,689	6	127,481	6	116,902	6	106,015	6	95,095	6	84,175	6	73,255
1/4	146,868	1/4	137,480	1/4	127,264	1/4	116,677	1/4	105,788	1/4	94,868	1/4	83,948	1/4	73,028
1/2	146,736	1/2	137,271	1/2	127,048	1/2	116,453	1/2	105,560	1/2	94,640	1/2	83,720	1/2	72,800
3/4	146,604	3/4	137,062	3/4	126,831	3/4	116,229	3/4	105,333	3/4	94,413	3/4	83,493	3/4	72,573
7	146,473	7	136,853	7	126,615	7	116,005	7	105,105	7	94,185	7	83,265	7	72,345
1/4	146,319	1/4	136,643	1/4	126,397	1/4	115,779	1/4	104,878	1/4	93,958	1/4	83,038	1/4	72,118
1/2	146,165	1/2	136,433	1/2	126,179	1/2	115,554	1/2	104,650	1/2	93,730	1/2	82,810	1/2	71,890
3/4	146,012	3/4	136,222	3/4	125,961	3/4	115,328	3/4	104,423	3/4	93,503	3/4	82,583	3/4	71,663
8	145,858	8	136,012	8	125,743	8	115,102	8	104,195	8	93,275	8	82,355	8	71,435
1/4	145,682	1/4	135,802	1/4	125,526	1/4	114,877	1/4	103,968	1/4	93,048	1/4	82,128	1/4	71,208
1/2	145,506	1/2	135,592	1/2	125,308	1/2	114,651	1/2	103,740	1/2	92,820	1/2	81,900	1/2	70,980
3/4	145,331	3/4	135,382	3/4	125,090	3/4	114,426	3/4	103,513	3/4	92,593	3/4	81,673	3/4	70,753
9	145,155	9	135,172	9	124,872	9	114,200	9	103,285	9	92,365	9	81,445	9	70,525
1/4	144,958	1/4	134,961	1/4	124,653	1/4	113,973	1/4	103,058	1/4	92,138	1/4	81,218	1/4	70,298
1/2	144,760	1/2	134,749	1/2	124,434	1/2	113,746	1/2	102,830	1/2	91,910	1/2	80,990	1/2	70,070
3/4	144,562	3/4	134,538	3/4	124,215	3/4	113,520	3/4	102,603	3/4	91,683	3/4	80,763	3/4	69,843
10	144,365	10	134,327	10	123,996	10	113,293	10	102,375	10	91,455	10	80,535	10	69,615
1/4	144,156	1/4	134,115	1/4	123,777	1/4	113,066	1/4	102,148	1/4	91,228	1/4	80,308	1/4	69,388
1/2	143,947	1/2	133,904	1/2	123,558	1/2	112,839	1/2	101,920	1/2	91,000	1/2	80,080	1/2	69,160
3/4	143,739	3/4	133,693	3/4	123,338	3/4	112,612	3/4	101,693	3/4	90,773	3/4	79,853	3/4	68,933
11	143,530	11	133,481	11	123,119	11	112,385	11	101,465	11	90,545	11	79,625	11	68,705
1/4	143,322	1/4	133,269	1/4	122,899	1/4	112,158	1/4	101,238	1/4	90,318	1/4	79,398	1/4	68,478
1/2	143,113	1/2	133,056	1/2	122,679	1/2	111,930	1/2	101,010	1/2	90,090	1/2	79,170	1/2	68,250
3/4	142,904	3/4	132,843	3/4	122,458	3/4	111,703	3/4	100,783	3/4	89,863	3/4	78,943	3/4	68,023

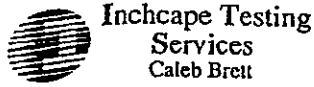
\*\* Volume below Strike Point.

For Open Gauging to lip of Hermetic Valve add 1' 6 1/2" to Observed Ullage.

Total Gauge Height - 17' 02" to 0' 00" of Hermetic Gauging Unit.  
Gauge Point located 21' 08" from Forward Bulkhead near Centerline.

ULLAGE TABLE

IB947



Inchcape Testing Services  
Caleb Brett

HULL NUMBER 8014

TANK  
**3**

Capacities in Gallons Table Scaled from Reference 0' 00" of Hermetic Gauging Unit Page 2 of 2

11 FEET		12 FEET		13 FEET		14 FEET		15 FEET		16 FEET		17 FEET		18 FEET	
0	67,795	0	56,875	0	45,955	0	35,035	0	24,117	0	13,199	0	2,287	0	
1/4	67,568	1/4	56,648	1/4	45,728	1/4	34,808	1/4	23,889	1/4	12,971	1/4	2,061	1/4	
1/2	67,340	1/2	56,420	1/2	45,500	1/2	34,580	1/2	23,662	1/2	12,744	1/2	1,835	1/2	
3/4	67,113	3/4	56,193	3/4	45,273	3/4	34,353	3/4	23,435	3/4	12,516	3/4	1,610	3/4	
1	66,885	1	55,965	1	45,045	1	34,125	1	23,207	1	12,289	1	1,386	1	
1/4	66,658	1/4	55,738	1/4	44,818	1/4	33,898	1/4	22,980	1/4	12,061	1/4	1,161	1/4	
1/2	66,430	1/2	55,510	1/2	44,590	1/2	33,670	1/2	22,752	1/2	11,834	1/2	937	1/2	
3/4	66,203	3/4	55,283	3/4	44,363	3/4	33,443	3/4	22,525	3/4	11,606	3/4	714	3/4	
2	65,975	2	55,055	2	44,135	2	33,215	2	22,298	2	11,379	2	** 492	2	
1/4	65,748	1/4	54,828	1/4	43,908	1/4	32,988	1/4	22,070	1/4	11,151	1/4		1/4	
1/2	65,520	1/2	54,600	1/2	43,680	1/2	32,760	1/2	21,843	1/2	10,924	1/2		1/2	
3/4	65,293	3/4	54,373	3/4	43,453	3/4	32,533	3/4	21,615	3/4	10,696	3/4		3/4	
3	65,065	3	54,145	3	43,225	3	32,305	3	21,388	3	10,469	3		3	
1/4	64,838	1/4	53,918	1/4	42,998	1/4	32,078	1/4	21,161	1/4	10,241	1/4		1/4	
1/2	64,610	1/2	53,690	1/2	42,770	1/2	31,850	1/2	20,933	1/2	10,014	1/2		1/2	
3/4	64,383	3/4	53,463	3/4	42,543	3/4	31,623	3/4	20,706	3/4	9,786	3/4		3/4	
4	64,155	4	53,235	4	42,315	4	31,395	4	20,478	4	9,559	4		4	
1/4	63,928	1/4	53,008	1/4	42,088	1/4	31,168	1/4	20,251	1/4	9,332	1/4		1/4	
1/2	63,700	1/2	52,780	1/2	41,860	1/2	30,940	1/2	20,024	1/2	9,104	1/2		1/2	
3/4	63,473	3/4	52,553	3/4	41,633	3/4	30,713	3/4	19,796	3/4	8,877	3/4		3/4	
5	63,245	5	52,325	5	41,405	5	30,485	5	19,569	5	8,649	5		5	
1/4	63,018	1/4	52,098	1/4	41,178	1/4	30,258	1/4	19,341	1/4	8,422	1/4		1/4	
1/2	62,790	1/2	51,870	1/2	40,950	1/2	30,030	1/2	19,114	1/2	8,194	1/2		1/2	
3/4	62,563	3/4	51,643	3/4	40,723	3/4	29,803	3/4	18,886	3/4	7,967	3/4		3/4	
6	62,335	6	51,415	6	40,495	6	29,575	6	18,659	6	7,739	6		6	
1/4	62,108	1/4	51,188	1/4	40,268	1/4	29,348	1/4	18,431	1/4	7,512	1/4		1/4	
1/2	61,880	1/2	50,960	1/2	40,040	1/2	29,120	1/2	18,204	1/2	7,284	1/2		1/2	
3/4	61,653	3/4	50,733	3/4	39,813	3/4	28,893	3/4	17,976	3/4	7,057	3/4		3/4	
7	61,425	7	50,505	7	39,585	7	28,665	7	17,749	7	6,829	7		7	
1/4	61,198	1/4	50,278	1/4	39,358	1/4	28,438	1/4	17,521	1/4	6,602	1/4		1/4	
1/2	60,970	1/2	50,050	1/2	39,130	1/2	28,210	1/2	17,294	1/2	6,374	1/2		1/2	
3/4	60,743	3/4	49,823	3/4	38,903	3/4	27,983	3/4	17,066	3/4	6,147	3/4		3/4	
8	60,515	8	49,595	8	38,675	8	27,755	8	16,839	8	5,919	8		8	
1/4	60,288	1/4	49,368	1/4	38,448	1/4	27,528	1/4	16,611	1/4	5,692	1/4		1/4	
1/2	60,060	1/2	49,140	1/2	38,220	1/2	27,300	1/2	16,384	1/2	5,464	1/2		1/2	
3/4	59,833	3/4	48,913	3/4	37,993	3/4	27,073	3/4	16,156	3/4	5,237	3/4		3/4	
9	59,605	9	48,685	9	37,765	9	26,846	9	15,929	9	5,009	9		9	
1/4	59,378	1/4	48,458	1/4	37,538	1/4	26,618	1/4	15,701	1/4	4,782	1/4		1/4	
1/2	59,150	1/2	48,230	1/2	37,310	1/2	26,391	1/2	15,474	1/2	4,554	1/2		1/2	
3/4	58,923	3/4	48,003	3/4	37,083	3/4	26,163	3/4	15,246	3/4	4,327	3/4		3/4	
10	58,695	10	47,775	10	36,855	10	25,936	10	15,019	10	4,100	10		10	
1/4	58,468	1/4	47,548	1/4	36,628	1/4	25,709	1/4	14,791	1/4	3,873	1/4		1/4	
1/2	58,240	1/2	47,320	1/2	36,400	1/2	25,481	1/2	14,564	1/2	3,646	1/2		1/2	
3/4	58,013	3/4	47,093	3/4	36,173	3/4	25,254	3/4	14,336	3/4	3,419	3/4		3/4	
11	57,785	11	46,865	11	35,945	11	25,026	11	14,109	11	3,192	11		11	
1/4	57,558	1/4	46,638	1/4	35,718	1/4	24,799	1/4	13,881	1/4	2,965	1/4		1/4	
1/2	57,330	1/2	46,410	1/2	35,490	1/2	24,572	1/2	13,654	1/2	2,739	1/2		1/2	
3/4	57,103	3/4	46,183	3/4	35,263	3/4	24,344	3/4	13,426	3/4	2,513	3/4		3/4	

\*\* Volume below Strike Point.

For Open Gauging to lip of Hermetic Valve add 1' 6 1/2" to Observed Ullage.

Total Gauge Height - 17' 02" to 0' 00" of Hermetic Gauging Unit.  
Gauge Point located 21' 08" from Forward Bulkhead near Centerline.

ULLAGE TABLE

Reissued : September 1996  
Strapped : 16 December 1980  
Computed : HMIII

Calculated per API 2553/66

*HRB*