FORM 1/4L15W REV #2 7/98

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "HFL-405"
HINES FURLONG LINE

OUTAGE TABLE

1 PORT

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 4595

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.	IN	15 FT.	IN	16 FT.
0		0	213,452	0	199,896	0	184,857	0	169,817	0	154,777	0	139,737	0	124,697	0	109,657	0	94,617	0	79,577	0	64,537	0	49,497	0	34,457	0	19,432	0	5,306
1/4		1/4	213,301	1/4	199,583	1/4	184,543	1/4	169,503	1/4	154,463	1/4	139,423	1/4	124,383	1/4	109,344	1/4	94,304	1/4	79,264	1/4	64,224	1/4	49,184	1/4	34,144	1/4	19,121	1/4	5,026
1/2		1/2	213,150	1/2	199,270	1/2	184,230	1/2	169,190	1/2	154,150	1/2	139,110	1/2	124,070	1/2	109,030	1/2	93,990	1/2	78,950	1/2	63,910	1/2	48,870	1/2	33,831	1/2	18,810	1/2	4,746
3/4		3/4	212,999	3/4	198,956	3/4	183,917	3/4	168,877	3/4	153,837	3/4	138,797	3/4	123,757	3/4	108,717	3/4	93,677	3/4	78,637	3/4	63,597	3/4	48,557	3/4	33,517	3/4	18,504	3/4	4,471
1		1	212,848	1	198,643	1	183,603	1	168,563	1	153,523	1	138,483	1	123,443	1	108,404	1	93,364	1	78,324	1	63,284	1	48,244	1	33,204	1	18,198	1	4,195
1/4		1/4	212,651	1/4	198,330	1/4	183,290	1/4	168,250	1/4	153,210	1/4	138,170	1/4	123,130	1/4	108,090	1/4	93,050	1/4	78,010	1/4	62,970	1/4	47,930	1/4	32,891	1/4	17,893	1/4	3,920
1/2		1/2	212,454	1/2	198,016	1/2	182,977	1/2	167,937	1/2	152,897	1/2	137,857	1/2	122,817	1/2	107,777	1/2	92,737	1/2	77,697	1/2	62,657	1/2	47,617	1/2	32,577	1/2	17,587	1/2	3,645
3/4		3/4	212,257	3/4	197,703	3/4	182,663	3/4	167,623	3/4	152,583	3/4	137,543	3/4	122,503	3/4	107,464	3/4	92,424	3/4	77,384	3/4	62,344	3/4	47,304	3/4	32,264	3/4	17,281	3/4	3,370
2		2	212,059	2	197,390	2	182,350	2	167,310	2	152,270	2	137,230	2	122,190	2	107,150	2	92,110	2	77,070	2	62,030	2	46,990	2	31,951	2	16,975	2	3,095
1/4		1/4	211,815	1/4	197,077	1/4	182,037	1/4	166,997	1/4	151,957	1/4	136,917	1/4	121,877	1/4	106,837	1/4	91,797	1/4	76,757	1/4	61,717	1/4	46,677	1/4	31,637	1/4	16,669	1/4	2,820
1/2		1/2	211,572	1/2	196,763	1/2	181,723	1/2	166,683	1/2	151,643	1/2	136,603	1/2	121,563	1/2	106,524	1/2	91,484	1/2	76,444	1/2	61,404	1/2	46,364	1/2	31,324	1/2	16,364	1/2	2,545
3/4		3/4	211,328	3/4	196,450	3/4	181,410	3/4	166,370	3/4	151,330	3/4	136,290	3/4	121,250	3/4	106,210	3/4	91,170	3/4	76,130	3/4	61,090	3/4	46,050	3/4	31,011	3/4	16,063	3/4	2,275
3		3	211,084	3	196,137	3	181,097	3	166,057	3	151,017	3	135,977	3	120,937	3	105,897	3	90,857	3	75,817	3	60,777	3	45,737	3	30,697	3	15,762	3	2,005
1/4		1/4	210,794	1/4	195,823	1/4	180,783	1/4	165,743	1/4	150,703	1/4	135,663	1/4	120,623	1/4	105,584	1/4	90,544	1/4	75,504	1/4	60,464	1/4	45,424	1/4	30,384	1/4	15,462	1/4	1,752
1/2		1/2	210,504	1/2	195,510	1/2	180,470	1/2	165,430	1/2	150,390	1/2	135,350	1/2	120,310	1/2	105,270	1/2	90,230	1/2	75,190	1/2	60,150	1/2	45,110	1/2	30,071	1/2	15,161	1/2	1,500
3/4		3/4	210,213	3/4	195,197	3/4	180,157	3/4	165,117	3/4	150,077	3/4	135,037	3/4	119,997	3/4	104,957	3/4	89,917	3/4	74,877	3/4	59,837	3/4	44,797	3/4	29,757	3/4	14,860	3/4	1,301
4		4	209,923	4	194,883	4	179,843	4	164,803	4	149,763	4	134,723	4	119,683	4	104,644	4	89,604	4	74,564	4	59,524	4	44,484	4	29,444	4	14,560	4	1,102
1/4		1/4	209,610	1/4	194,570	1/4	179,530	1/4	164,490	1/4	149,450	1/4	134,410	1/4	119,370	1/4	104,330	1/4	89,290	1/4	74,250	1/4	59,210	1/4	44,170	1/4	29,131	1/4	14,259	1/4	* 903
1/2		1/2	209,296	1/2	194,257	1/2	179,217	1/2	164,177	1/2	149,137	1/2	134,097	1/2	119,057	1/2	104,017	1/2	88,977	1/2	73,937	1/2	58,897	1/2	43,857	1/2	28,817	1/2	13,958	1/2	
3/4		3/4	208,983	3/4	193,943	3/4	178,903	3/4	163,863	3/4	148,823	3/4	133,783	3/4	118,744	3/4	103,704	3/4	88,664	3/4	73,624	3/4	58,584	3/4	43,544	3/4	28,504	3/4	13,663	3/4	
5		5	208,670	5	193,630	5	178,590	5	163,550	5	148,510	5	133,470	5	118,430	5	103,390	5	88,350	5	73,310	5	58,270	5	43,230	5	28,191	5	13,367	5	
1/4		1/4	208,356	1/4	193,317	1/4	178,277	1/4	163,237	1/4	148,197	1/4	133,157	1/4	118,117	1/4	103,077	1/4	88,037	1/4	72,997	1/4	57,957	1/4	42,917	1/4	27,877	1/4	13,072	1/4	
1/2		1/2	208,043	1/2	193,003	1/2	177,963	1/2	162,923	1/2	147,883	1/2	132,843	1/2	117,804	1/2	102,764	1/2	87,724	1/2	72,684	1/2	57,644	1/2	42,604	1/2	27,564	1/2	12,776	1/2	
3/4		3/4	207,730	3/4	192,690	3/4	177,650	3/4	162,610	3/4	147,570	3/4	132,530	3/4	117,490	3/4	102,450	3/4	87,410	3/4	72,370	3/4	57,330	3/4	42,290	3/4	27,251	3/4	12,480	3/4	
6		6	207,416	6	192,377	6	177,337	6	162,297	6	147,257	6	132,217	6	117,177	6	102,137	6	87,097	6	72,057	6	57,017	6	41,977	6	26,937	6	12,185	6	
1/4		1/4	207,103	1/4	192,063	1/4	177,023	1/4	161,983	1/4	146,943	1/4	131,903	1/4	116,864	1/4	101,824	1/4	86,784	1/4	71,744	1/4	56,704	1/4	41,664	1/4	26,624	1/4	11,889	1/4	
1/2		1/2	206,790	1/2	191,750	1/2	176,710	1/2	161,670	1/2	146,630	1/2	131,590	1/2	116,550	1/2	101,510	1/2	86,470	1/2	71,430	1/2	56,390	1/2	41,350	1/2	26,311	1/2	11,594	1/2	
3/4		3/4	206,476	3/4	191,437	3/4	176,397	3/4	161,357	3/4	146,317	3/4	131,277	3/4	116,237	3/4	101,197	3/4	86,157	3/4	71,117	3/4	56,077	3/4	41,037	3/4	25,997	3/4	11,303	3/4	
7		7	206,163	7	191,123	7	176,083	7	161,043	7	146,003	7	130,963	7	115,924	7	100,884	7	85,844	7	70,804	7	55,764	7	40,724	7	25,684	7	11,013	7	
1/4		1/4	205,850	1/4	190,810	1/4	175,770	1/4	160,730	1/4	145,690	1/4	130,650	1/4	115,610	1/4	100,570	1/4	85,530	1/4	70,490	1/4	55,450	1/4	40,411	1/4	25,371	1/4	10,722	1/4	
1/2		1/2	205,536	1/2	190,497	1/2	175,457	1/2	160,417	1/2	145,377	1/2	130,337	1/2	115,297	1/2	100,257	1/2	85,217	1/2	70,177	1/2	55,137	1/2	40,097	1/2	25,057	1/2	10,432	1/2	
3/4		3/4	205,223	3/4	190,183	3/4	175,143	3/4	160,103	3/4	145,063	3/4	130,023	3/4	114,984	3/4	99,944	3/4	84,904	3/4	69,864	3/4	54,824	3/4	39,784	3/4	24,744	3/4	10,142	3/4	
8		8	204,910	8	189,870	8	174,830	8	159,790	8	144,750	8	129,710	8	114,670	8	99,630	8	84,590	8	69,550	8	54,510	8	39,471	8	24,431	8	9,851	8	
1/4		1/4	204,596	1/4	189,557	1/4	174,517	1/4	159,477	1/4	144,437	1/4	129,397	1/4	114,357	1/4	99,317	1/4	84,277	1/4	69,237	1/4	54,197	1/4	39,157	1/4	24,117	1/4	9,561	1/4	
1/2		1/2	204,283	1/2	189,243	1/2	174,203	1/2	159,163	1/2	144,123	1/2	129,083	1/2	114,044	1/2	99,004	1/2	83,964	1/2	68,924	1/2	53,884	1/2	38,844	1/2	23,804	1/2	9,270	1/2	
3/4		3/4	203,970	3/4	188,930	3/4	173,890	3/4	158,850	3/4	143,810	3/4	128,770	3/4	113,730	3/4	98,690	3/4	83,650	3/4	68,610	3/4	53,570	3/4	38,531	3/4	23,491	3/4	8,985	3/4	
9		9	203,656	9	188,617	9	173,577	9	158,537	9	143,497	9	128,457	9	113,417	9	98,377	9	83,337	9	68,297	9	53,257	9	38,217	9	23,177	9	8,700	9	
1/4	214,153	1/4	203,343	1/4	188,303	1/4	173,263	1/4	158,223	1/4	143,183	1/4	128,143	1/4	113,104	1/4	98,064	1/4	83,024	1/4	67,984	1/4	52,944	1/4	37,904	1/4	22,864	1/4	8,414	1/4	
1/2	214,135	1/2	203,030	1/2	187,990	1/2	172,950	1/2	157,910	1/2	142,870	1/2	127,830	1/2	112,790	1/2	97,750	1/2	82,710	1/2	67,670	1/2	52,630	1/2	37,591	1/2	22,551	1/2	8,129	1/2	
3/4	214,118	3/4	202,716	3/4	187,677	3/4	172,637	3/4	157,597	3/4	142,557	3/4	127,517	3/4	112,477	3/4	97,437	3/4	82,397	3/4	67,357	3/4	52,317	3/4	37,277	3/4	22,237	3/4	7,843	3/4	
10	214,101	10	202,403	10	187,363	10	172,323	10	157,283	10	142,243	10	127,203	10	112,164	10	97,124	10	82,084	10	67,044	10	52,004	10	36,964	10	21,924	10	7,558	10	
1/4	214,043	1/4	202,090	1/4	187,050	1/4	172,010	1/4	156,970	1/4	141,930	1/4	126,890	1/4	111,850	1/4	96,810	1/4	81,770	1/4	66,730	1/4	51,690	1/4	36,651	1/4	21,611	1/4	7,273	1/4	
1/2	213,985	1/2	201,776	1/2	186,737	1/2	171,697	1/2	156,657	1/2	141,617	1/2	126,577	1/2	111,537	1/2	96,497	1/2	81,457	1/2	66,417	1/2	51,377	1/2	36,337	1/2	21,297	1/2	6,987	1/2	
3/4	213,927	3/4	201,463	3/4	186,423	3/4	171,383	3/4	156,343	3/4	141,303	3/4	126,263	3/4	111,224	3/4	96,184	3/4	81,144	3/4	66,104	3/4	51,064	3/4	36,024	3/4	20,986	3/4	6,707	3/4	
11	213,869	11	201,150	11	186,110	11	171,070	11	156,030	11	140,990	11	125,950	11	110,910	11	95,870	11	80,830	11	65,790	11	50,750	11	35,711	11	20,675	11	6,427	11	
1/4	213,765	1/4	200,836	1/4	185,797	1/4	170,757	1/4	155,717	1/4	140,677	1/4	125,637	1/4	110,597	1/4	95,557	1/4	80,517	1/4	65,477	1/4	50,437	1/4	35,397	1/4	20,364	1/4	6,147	1/4	
1/2	213,661	1/2	200,523	1/2	185,483	1/2	170,443	1/2	155,403	1/2	140,363	1/2	125,323	1/2	110,284	1/2	95,244	1/2	80,204	1/2	65,164	1/2	50,124	1/2	35,084	1/2	20,054	1/2	5,867	1/2	
3/4	213,556	3/4	200,210	3/4	185,170	3/4	170,130	3/4	155,090	3/4	140,050	3/4	125,010	3/4	109,970	3/4	94,930	3/4	79,890	3/4	64,850	3/4	49,810	3/4	34,771	3/4	19,743	3/4	5,586	3/4	

CAPACITIES GIVEN IN U.S. GALLONS

STRAPPED: 11/27/07

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 16'-4 1/4" (RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

INSPECTORATE AMERICA CORPORATION

FORM 1/4L15W REV #2 7/98

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "HFL-405"
HINES FURLONG LINE

OUTAGE TABLE

1 STAR

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 4595

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.	IN	15 FT.	IN	16 FT.
0		0	213,452	0	199,896	0	184,857	0	169,817	0	154,777	0	139,737	0	124,697	0	109,657	0	94,617	0	79,577	0	64,537	0	49,497	0	34,457	0	19,432	0	5,306
1/4		1/4	213,301	1/4	199,583	1/4	184,543	1/4	169,503	1/4	154,463	1/4	139,423	1/4	124,383	1/4	109,344	1/4	94,304	1/4	79,264	1/4	64,224	1/4	49,184	1/4	34,144	1/4	19,121	1/4	5,026
1/2		1/2	213,150	1/2	199,270	1/2	184,230	1/2	169,190	1/2	154,150	1/2	139,110	1/2	124,070	1/2	109,030	1/2	93,990	1/2	78,950	1/2	63,910	1/2	48,870	1/2	33,831	1/2	18,810	1/2	4,746
3/4		3/4	212,999	3/4	198,956	3/4	183,917	3/4	168,877	3/4	153,837	3/4	138,797	3/4	123,757	3/4	108,717	3/4	93,677	3/4	78,637	3/4	63,597	3/4	48,557	3/4	33,517	3/4	18,504	3/4	4,471
1		1	212,848	1	198,643	1	183,603	1	168,563	1	153,523	1	138,483	1	123,443	1	108,404	1	93,364	1	78,324	1	63,284	1	48,244	1	33,204	1	18,198	1	4,195
1/4		1/4	212,651	1/4	198,330	1/4	183,290	1/4	168,250	1/4	153,210	1/4	138,170	1/4	123,130	1/4	108,090	1/4	93,050	1/4	78,010	1/4	62,970	1/4	47,930	1/4	32,891	1/4	17,893	1/4	3,920
1/2		1/2	212,454	1/2	198,016	1/2	182,977	1/2	167,937	1/2	152,897	1/2	137,857	1/2	122,817	1/2	107,777	1/2	92,737	1/2	77,697	1/2	62,657	1/2	47,617	1/2	32,577	1/2	17,587	1/2	3,645
3/4		3/4	212,257	3/4	197,703	3/4	182,663	3/4	167,623	3/4	152,583	3/4	137,543	3/4	122,503	3/4	107,464	3/4	92,424	3/4	77,384	3/4	62,344	3/4	47,304	3/4	32,264	3/4	17,281	3/4	3,370
2		2	212,059	2	197,390	2	182,350	2	167,310	2	152,270	2	137,230	2	122,190	2	107,150	2	92,110	2	77,070	2	62,030	2	46,990	2	31,951	2	16,975	2	3,095
1/4		1/4	211,815	1/4	197,077	1/4	182,037	1/4	166,997	1/4	151,957	1/4	136,917	1/4	121,877	1/4	106,837	1/4	91,797	1/4	76,757	1/4	61,717	1/4	46,677	1/4	31,637	1/4	16,669	1/4	2,820
1/2		1/2	211,572	1/2	196,763	1/2	181,723	1/2	166,683	1/2	151,643	1/2	136,603	1/2	121,563	1/2	106,524	1/2	91,484	1/2	76,444	1/2	61,404	1/2	46,364	1/2	31,324	1/2	16,364	1/2	2,545
3/4		3/4	211,328	3/4	196,450	3/4	181,410	3/4	166,370	3/4	151,330	3/4	136,290	3/4	121,250	3/4	106,210	3/4	91,170	3/4	76,130	3/4	61,090	3/4	46,050	3/4	31,011	3/4	16,063	3/4	2,275
3		3	211,084	3	196,137	3	181,097	3	166,057	3	151,017	3	135,977	3	120,937	3	105,897	3	90,857	3	75,817	3	60,777	3	45,737	3	30,697	3	15,762	3	2,005
1/4		1/4	210,794	1/4	195,823	1/4	180,783	1/4	165,743	1/4	150,703	1/4	135,663	1/4	120,623	1/4	105,584	1/4	90,544	1/4	75,504	1/4	60,464	1/4	45,424	1/4	30,384	1/4	15,462	1/4	1,752
1/2		1/2	210,504	1/2	195,510	1/2	180,470	1/2	165,430	1/2	150,390	1/2	135,350	1/2	120,310	1/2	105,270	1/2	90,230	1/2	75,190	1/2	60,150	1/2	45,110	1/2	30,071	1/2	15,161	1/2	1,500
3/4		3/4	210,213	3/4	195,197	3/4	180,157	3/4	165,117	3/4	150,077	3/4	135,037	3/4	119,997	3/4	104,957	3/4	89,917	3/4	74,877	3/4	59,837	3/4	44,797	3/4	29,757	3/4	14,860	3/4	1,301
4		4	209,923	4	194,883	4	179,843	4	164,803	4	149,763	4	134,723	4	119,683	4	104,644	4	89,604	4	74,564	4	59,524	4	44,484	4	29,444	4	14,560	4	1,102
1/4		1/4	209,610	1/4	194,570	1/4	179,530	1/4	164,490	1/4	149,450	1/4	134,410	1/4	119,370	1/4	104,330	1/4	89,290	1/4	74,250	1/4	59,210	1/4	44,170	1/4	29,131	1/4	14,259	1/4	* 903
1/2		1/2	209,296	1/2	194,257	1/2	179,217	1/2	164,177	1/2	149,137	1/2	134,097	1/2	119,057	1/2	104,017	1/2	88,977	1/2	73,937	1/2	58,897	1/2	43,857	1/2	28,817	1/2	13,958	1/2	
3/4		3/4	208,983	3/4	193,943	3/4	178,903	3/4	163,863	3/4	148,823	3/4	133,783	3/4	118,744	3/4	103,704	3/4	88,664	3/4	73,624	3/4	58,584	3/4	43,544	3/4	28,504	3/4	13,663	3/4	
5		5	208,670	5	193,630	5	178,590	5	163,550	5	148,510	5	133,470	5	118,430	5	103,390	5	88,350	5	73,310	5	58,270	5	43,230	5	28,191	5	13,367	5	
1/4		1/4	208,356	1/4	193,317	1/4	178,277	1/4	163,237	1/4	148,197	1/4	133,157	1/4	118,117	1/4	103,077	1/4	88,037	1/4	72,997	1/4	57,957	1/4	42,917	1/4	27,877	1/4	13,072	1/4	
1/2		1/2	208,043	1/2	193,003	1/2	177,963	1/2	162,923	1/2	147,883	1/2	132,843	1/2	117,804	1/2	102,764	1/2	87,724	1/2	72,684	1/2	57,644	1/2	42,604	1/2	27,564	1/2	12,776	1/2	
3/4		3/4	207,730	3/4	192,690	3/4	177,650	3/4	162,610	3/4	147,570	3/4	132,530	3/4	117,490	3/4	102,450	3/4	87,410	3/4	72,370	3/4	57,330	3/4	42,290	3/4	27,251	3/4	12,480	3/4	
6		6	207,416	6	192,377	6	177,337	6	162,297	6	147,257	6	132,217	6	117,177	6	102,137	6	87,097	6	72,057	6	57,017	6	41,977	6	26,937	6	12,185	6	
1/4		1/4	207,103	1/4	192,063	1/4	177,023	1/4	161,983	1/4	146,943	1/4	131,903	1/4	116,864	1/4	101,824	1/4	86,784	1/4	71,744	1/4	56,704	1/4	41,664	1/4	26,624	1/4	11,889	1/4	
1/2		1/2	206,790	1/2	191,750	1/2	176,710	1/2	161,670	1/2	146,630	1/2	131,590	1/2	116,550	1/2	101,510	1/2	86,470	1/2	71,430	1/2	56,390	1/2	41,350	1/2	26,311	1/2	11,594	1/2	
3/4		3/4	206,476	3/4	191,437	3/4	176,397	3/4	161,357	3/4	146,317	3/4	131,277	3/4	116,237	3/4	101,197	3/4	86,157	3/4	71,117	3/4	56,077	3/4	41,037	3/4	25,997	3/4	11,303	3/4	
7		7	206,163	7	191,123	7	176,083	7	161,043	7	146,003	7	130,963	7	115,924	7	100,884	7	85,844	7	70,804	7	55,764	7	40,724	7	25,684	7	11,013	7	
1/4		1/4	205,850	1/4	190,810	1/4	175,770	1/4	160,730	1/4	145,690	1/4	130,650	1/4	115,610	1/4	100,570	1/4	85,530	1/4	70,490	1/4	55,450	1/4	40,411	1/4	25,371	1/4	10,722	1/4	
1/2		1/2	205,536	1/2	190,497	1/2	175,457	1/2	160,417	1/2	145,377	1/2	130,337	1/2	115,297	1/2	100,257	1/2	85,217	1/2	70,177	1/2	55,137	1/2	40,097	1/2	25,057	1/2	10,432	1/2	
3/4		3/4	205,223	3/4	190,183	3/4	175,143	3/4	160,103	3/4	145,063	3/4	130,023	3/4	114,984	3/4	99,944	3/4	84,904	3/4	69,864	3/4	54,824	3/4	39,784	3/4	24,744	3/4	10,142	3/4	
8		8	204,910	8	189,870	8	174,830	8	159,790	8	144,750	8	129,710	8	114,670	8	99,630	8	84,590	8	69,550	8	54,510	8	39,471	8	24,431	8	9,851	8	
1/4		1/4	204,596	1/4	189,557	1/4	174,517	1/4	159,477	1/4	144,437	1/4	129,397	1/4	114,357	1/4	99,317	1/4	84,277	1/4	69,237	1/4	54,197	1/4	39,157	1/4	24,117	1/4	9,561	1/4	
1/2		1/2	204,283	1/2	189,243	1/2	174,203	1/2	159,163	1/2	144,123	1/2	129,083	1/2	114,044	1/2	99,004	1/2	83,964	1/2	68,924	1/2	53,884	1/2	38,844	1/2	23,804	1/2	9,270	1/2	
3/4		3/4	203,970	3/4	188,930	3/4	173,890	3/4	158,850	3/4	143,810	3/4	128,770	3/4	113,730	3/4	98,690	3/4	83,650	3/4	68,610	3/4	53,570	3/4	38,531	3/4	23,491	3/4	8,985	3/4	
9		9	203,656	9	188,617	9	173,577	9	158,537	9	143,497	9	128,457	9	113,417	9	98,377	9	83,337	9	68,297	9	53,257	9	38,217	9	23,177	9	8,700	9	
1/4	214,153	1/4	203,343	1/4	188,303	1/4	173,263	1/4	158,223	1/4	143,183	1/4	128,143	1/4	113,104	1/4	98,064	1/4	83,024	1/4	67,984	1/4	52,944	1/4	37,904	1/4	22,864	1/4	8,414	1/4	
1/2	214,135	1/2	203,030	1/2	187,990	1/2	172,950	1/2	157,910	1/2	142,870	1/2	127,830	1/2	112,790	1/2	97,750	1/2	82,710	1/2	67,670	1/2	52,630	1/2	37,591	1/2	22,551	1/2	8,129	1/2	
3/4	214,118	3/4	202,716	3/4	187,677	3/4	172,637	3/4	157,597	3/4	142,557	3/4	127,517	3/4	112,477	3/4	97,437	3/4	82,397	3/4	67,357	3/4	52,317	3/4	37,277	3/4	22,237	3/4	7,843	3/4	
10	214,101	10	202,403	10	187,363	10	172,323	10	157,283	10	142,243	10	127,203	10	112,164	10	97,124	10	82,084	10	67,044	10	52,004	10	36,964	10	21,924	10	7,558	10	
1/4	214,043	1/4	202,090	1/4	187,050	1/4	172,010	1/4	156,970	1/4	141,930	1/4	126,890	1/4	111,850	1/4	96,810	1/4	81,770	1/4	66,730	1/4	51,690	1/4	36,651	1/4	21,611	1/4	7,273	1/4	
1/2	213,985	1/2	201,776	1/2	186,737	1/2	171,697	1/2	156,657	1/2	141,617	1/2	126,577	1/2	111,537	1/2	96,497	1/2	81,457	1/2	66,417	1/2	51,377	1/2	36,337	1/2	21,297	1/2	6,987	1/2	
3/4	213,927	3/4	201,463	3/4	186,423	3/4	171,383	3/4	156,343	3/4	141,303	3/4	126,263	3/4	111,224	3/4	96,184	3/4	81,144	3/4	66,104	3/4	51,064	3/4	36,024	3/4	20,986	3/4	6,707	3/4	
11	213,869	11	201,150	11	186,110	11	171,070	11	156,030	11	140,990	11	125,950	11	110,910	11	95,870	11	80,830	11	65,790	11	50,750	11	35,711	11	20,675	11	6,427	11	
1/4	213,765	1/4	200,836	1/4	185,797	1/4	170,757	1/4	155,717	1/4	140,677	1/4	125,637	1/4	110,597	1/4	95,557	1/4	80,517	1/4	65,477	1/4	50,437	1/4	35,397	1/4	20,364	1/4	6,147	1/4	
1/2	213,661	1/2	200,523	1/2	185,483	1/2	170,443	1/2	155,403	1/2	140,363	1/2	125,323	1/2	110,284	1/2	95,244	1/2	80,204	1/2	65,164	1/2	50,124	1/2	35,084	1/2	20,054	1/2	5,867	1/2	
3/4	213,556	3/4	200,210	3/4	185,170	3/4	170,130	3/4	155,090	3/4	140,050	3/4	125,010	3/4	109,970	3/4	94,930	3/4	79,890	3/4	64,850	3/4	49,810	3/4	34,771	3/4	19,743	3/4	5,586	3/4	

CAPACITIES GIVEN IN U.S. GALLONS

STRAPPED: 11/27/07

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 16'-4 1/4" (RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

INSPECTORATE AMERICA CORPORATION

FORM 1/4L15W REV #2 7/98

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "HFL-405"
HINES FURLONG LINE

OUTAGE TABLE

2 PORT

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 4595

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.	IN	15 FT.	IN	16 FT.
0		0	215,761	0	202,456	0	187,400	0	172,307	0	157,214	0	142,121	0	127,029	0	111,936	0	96,843	0	81,750	0	66,657	0	51,565	0	36,472	0	21,379	0	6,286
1/4		1/4	215,657	1/4	202,144	1/4	187,085	1/4	171,992	1/4	156,900	1/4	141,807	1/4	126,714	1/4	111,621	1/4	96,529	1/4	81,436	1/4	66,343	1/4	51,250	1/4	36,157	1/4	21,065	1/4	5,972
1/2		1/2	215,506	1/2	201,832	1/2	186,771	1/2	171,678	1/2	156,585	1/2	141,492	1/2	126,400	1/2	111,307	1/2	96,214	1/2	81,121	1/2	66,029	1/2	50,936	1/2	35,843	1/2	20,750	1/2	5,657
3/4		3/4	215,354	3/4	201,520	3/4	186,456	3/4	171,364	3/4	156,271	3/4	141,178	3/4	126,085	3/4	110,992	3/4	95,900	3/4	80,807	3/4	65,714	3/4	50,621	3/4	35,529	3/4	20,436	3/4	5,343
1		1	215,203	1	201,208	1	186,142	1	171,049	1	155,956	1	140,864	1	125,771	1	110,678	1	95,585	1	80,492	1	65,400	1	50,307	1	35,214	1	20,121	1	5,029
1/4		1/4	215,052	1/4	200,896	1/4	185,828	1/4	170,735	1/4	155,642	1/4	140,549	1/4	125,456	1/4	110,364	1/4	95,271	1/4	80,178	1/4	65,085	1/4	49,992	1/4	34,900	1/4	19,807	1/4	4,714
1/2		1/2	214,854	1/2	200,584	1/2	185,513	1/2	170,420	1/2	155,328	1/2	140,235	1/2	125,142	1/2	110,049	1/2	94,956	1/2	79,864	1/2	64,771	1/2	49,678	1/2	34,585	1/2	19,492	1/2	4,400
3/4		3/4	214,657	3/4	200,272	3/4	185,199	3/4	170,106	3/4	155,013	3/4	139,920	3/4	124,828	3/4	109,735	3/4	94,642	3/4	79,549	3/4	64,456	3/4	49,364	3/4	34,271	3/4	19,178	3/4	4,085
2		2	214,459	2	199,960	2	184,884	2	169,791	2	154,699	2	139,606	2	124,513	2	109,420	2	94,328	2	79,235	2	64,142	2	49,049	2	33,956	2	18,864	2	3,771
1/4		1/4	214,261	1/4	199,648	1/4	184,570	1/4	169,477	1/4	154,384	1/4	139,291	1/4	124,199	1/4	109,106	1/4	94,013	1/4	78,920	1/4	63,828	1/4	48,735	1/4	33,642	1/4	18,549	1/4	3,456
1/2		1/2	214,017	1/2	199,336	1/2	184,255	1/2	169,163	1/2	154,070	1/2	138,977	1/2	123,884	1/2	108,791	1/2	93,699	1/2	78,606	1/2	63,513	1/2	48,420	1/2	33,328	1/2	18,235	1/2	3,142
3/4		3/4	213,772	3/4	199,024	3/4	183,941	3/4	168,848	3/4	153,755	3/4	138,663	3/4	123,570	3/4	108,477	3/4	93,384	3/4	78,291	3/4	63,199	3/4	48,106	3/4	33,013	3/4	17,920	3/4	2,828
3		3	213,528	3	198,712	3	183,626	3	168,534	3	153,441	3	138,348	3	123,255	3	108,163	3	93,070	3	77,977	3	62,884	3	47,791	3	32,699	3	17,606	3	2,513
1/4		1/4	213,284	1/4	198,400	1/4	183,312	1/4	168,219	1/4	153,126	1/4	138,034	1/4	122,941	1/4	107,848	1/4	92,755	1/4	77,663	1/4	62,570	1/4	47,477	1/4	32,384	1/4	17,291	1/4	2,199
1/2		1/2	212,995	1/2	198,088	1/2	182,998	1/2	167,905	1/2	152,812	1/2	137,719	1/2	122,626	1/2	107,534	1/2	92,441	1/2	77,348	1/2	62,255	1/2	47,163	1/2	32,070	1/2	16,977	1/2	1,907
3/4		3/4	212,706	3/4	197,776	3/4	182,683	3/4	167,590	3/4	152,498	3/4	137,405	3/4	122,312	3/4	107,219	3/4	92,126	3/4	77,034	3/4	61,941	3/4	46,848	3/4	31,755	3/4	16,663	3/4	1,615
4		4	212,418	4	197,462	4	182,369	4	167,276	4	152,183	4	137,090	4	121,998	4	106,905	4	91,812	4	76,719	4	61,626	4	46,534	4	31,441	4	16,348	4	1,391
1/4		1/4	212,129	1/4	197,147	1/4	182,054	1/4	166,962	1/4	151,869	1/4	136,776	1/4	121,683	1/4	106,590	1/4	91,498	1/4	76,405	1/4	61,312	1/4	46,219	1/4	31,126	1/4	16,034	1/4	1,166
1/2		1/2	211,817	1/2	196,833	1/2	181,740	1/2	166,647	1/2	151,554	1/2	136,462	1/2	121,369	1/2	106,276	1/2	91,183	1/2	76,090	1/2	60,998	1/2	45,905	1/2	30,812	1/2	15,719	1/2	* 942
3/4		3/4	211,505	3/4	196,518	3/4	181,425	3/4	166,333	3/4	151,240	3/4	136,147	3/4	121,054	3/4	105,962	3/4	90,869	3/4	75,776	3/4	60,683	3/4	45,590	3/4	30,498	3/4	15,405	3/4	
5		5	211,193	5	196,204	5	181,111	5	166,018	5	150,925	5	135,833	5	120,740	5	105,647	5	90,554	5	75,462	5	60,369	5	45,276	5	30,183	5	15,090	5	
1/4		1/4	210,881	1/4	195,889	1/4	180,797	1/4	165,704	1/4	150,611	1/4	135,518	1/4	120,425	1/4	105,333	1/4	90,240	1/4	75,147	1/4	60,054	1/4	44,962	1/4	29,869	1/4	14,776	1/4	
1/2		1/2	210,569	1/2	195,575	1/2	180,482	1/2	165,389	1/2	150,297	1/2	135,204	1/2	120,111	1/2	105,018	1/2	89,925	1/2	74,833	1/2	59,740	1/2	44,647	1/2	29,554	1/2	14,462	1/2	
3/4		3/4	210,257	3/4	195,261	3/4	180,168	3/4	165,075	3/4	149,982	3/4	134,889	3/4	119,797	3/4	104,704	3/4	89,611	3/4	74,518	3/4	59,425	3/4	44,333	3/4	29,240	3/4	14,147	3/4	
6		6	209,945	6	194,946	6	179,853	6	164,761	6	149,668	6	134,575	6	119,482	6	104,389	6	89,297	6	74,204	6	59,111	6	44,018	6	28,925	6	13,833	6	
1/4		1/4	209,633	1/4	194,632	1/4	179,539	1/4	164,446	1/4	149,353	1/4	134,261	1/4	119,168	1/4	104,075	1/4	88,982	1/4	73,889	1/4	58,797	1/4	43,704	1/4	28,611	1/4	13,518	1/4	
1/2		1/2	209,321	1/2	194,317	1/2	179,224	1/2	164,132	1/2	149,039	1/2	133,946	1/2	118,853	1/2	103,761	1/2	88,668	1/2	73,575	1/2	58,482	1/2	43,389	1/2	28,297	1/2	13,204	1/2	
3/4		3/4	209,009	3/4	194,003	3/4	178,910	3/4	163,817	3/4	148,724	3/4	133,632	3/4	118,539	3/4	103,446	3/4	88,353	3/4	73,261	3/4	58,168	3/4	43,075	3/4	27,982	3/4	12,889	3/4	
7		7	208,697	7	193,688	7	178,596	7	163,503	7	148,410	7	133,317	7	118,224	7	103,132	7	88,039	7	72,946	7	57,853	7	42,761	7	27,668	7	12,575	7	
1/4		1/4	208,385	1/4	193,374	1/4	178,281	1/4	163,188	1/4	148,096	1/4	133,003	1/4	117,910	1/4	102,817	1/4	87,724	1/4	72,632	1/4	57,539	1/4	42,446	1/4	27,353	1/4	12,261	1/4	
1/2		1/2	208,073	1/2	193,059	1/2	177,967	1/2	162,874	1/2	147,781	1/2	132,688	1/2	117,596	1/2	102,503	1/2	87,410	1/2	72,317	1/2	57,224	1/2	42,132	1/2	27,039	1/2	11,946	1/2	
3/4		3/4	207,761	3/4	192,745	3/4	177,652	3/4	162,559	3/4	147,467	3/4	132,374	3/4	117,281	3/4	102,188	3/4	87,096	3/4	72,003	3/4	56,910	3/4	41,817	3/4	26,724	3/4	11,632	3/4	
8		8	207,449	8	192,431	8	177,338	8	162,245	8	147,152	8	132,059	8	116,967	8	101,874	8	86,781	8	71,688	8	56,596	8	41,503	8	26,410	8	11,317	8	
1/4		1/4	207,136	1/4	192,116	1/4	177,023	1/4	161,931	1/4	146,838	1/4	131,745	1/4	116,652	1/4	101,559	1/4	86,467	1/4	71,374	1/4	56,281	1/4	41,188	1/4	26,096	1/4	11,003	1/4	
1/2		1/2	206,824	1/2	191,802	1/2	176,709	1/2	161,616	1/2	146,523	1/2	131,431	1/2	116,338	1/2	101,245	1/2	86,152	1/2	71,059	1/2	55,967	1/2	40,874	1/2	25,781	1/2	10,688	1/2	
3/4		3/4	206,512	3/4	191,487	3/4	176,395	3/4	161,302	3/4	146,209	3/4	131,116	3/4	116,023	3/4	100,931	3/4	85,838	3/4	70,745	3/4	55,652	3/4	40,559	3/4	25,467	3/4	10,374	3/4	
9		9	206,200	9	191,173	9	176,080	9	160,987	9	145,895	9	130,802	9	115,709	9	100,616	9	85,523	9	70,431	9	55,338	9	40,245	9	25,152	9	10,059	9	
1/4		1/4	205,888	1/4	190,858	1/4	175,766	1/4	160,673	1/4	145,580	1/4	130,487	1/4	115,395	1/4	100,302	1/4	85,209	1/4	70,116	1/4	55,023	1/4	39,931	1/4	24,838	1/4	9,745	1/4	
1/2	216,359	1/2	205,576	1/2	190,544	1/2	175,451	1/2	160,358	1/2	145,266	1/2	130,173	1/2	115,080	1/2	99,987	1/2	84,895	1/2	69,802	1/2	54,709	1/2	39,616	1/2	24,523	1/2	9,431	1/2	
3/4	216,342	3/4	205,264	3/4	190,230	3/4	175,137	3/4	160,044	3/4	144,951	3/4	129,858	3/4	114,766	3/4	99,673	3/4	84,580	3/4	69,487	3/4	54,395	3/4	39,302	3/4	24,209	3/4	9,116	3/4	
10	216,325	10	204,952	10	189,915	10	174,822	10	159,730	10	144,637	10	129,544	10	114,451	10	99,358	10	84,266	10	69,173	10	54,080	10	38,987	10	23,895	10	8,802	10	
1/4	216,307	1/4	204,640	1/4	189,601	1/4	174,508	1/4	159,415	1/4	144,322	1/4	129,230	1/4	114,137	1/4	99,044	1/4	83,951	1/4	68,858	1/4	53,766	1/4	38,673	1/4	23,580	1/4	8,487	1/4	
1/2	216,249	1/2	204,328	1/2	189,286	1/2	174,194	1/2	159,101	1/2	144,008	1/2	128,915	1/2	113,822	1/2	98,730	1/2	83,637	1/2	68,544	1/2	53,451	1/2	38,358	1/2	23,266	1/2	8,173	1/2	
3/4	216,191	3/4	204,016	3/4	188,972	3/4	173,879	3/4	158,786	3/4	143,694	3/4	128,601	3/4	113,508	3/4	98,415	3/4	83,322	3/4	68,230	3/4	53,137	3/4	38,044	3/4	22,951	3/4	7,858	3/4	
11	216,133	11	203,704	11	188,657	11	173,565	11	158,472	11	143,379	11	128,286	11	113,194	11	98,101	11	83,008	11	67,915	11	52,822	11	37,730	11	22,637	11	7,544	11	
1/4	216,075	1/4	203,392	1/4	188,343	1/4	173,250	1/4	158,157	1/4	143,065	1/4	127,972	1/4	112,879	1/4	97,786	1/4	82,694	1/4	67,601	1/4	52,508	1/4	37,415	1/4	22,322	1/4	7,230	1/4	
1/2	215,971	1/2	203,080	1/2	188,029	1/2	172,936	1/2	157,843	1/2	142,750	1/2	127,657	1/2	112,565	1/2	97,472	1/2	82,379	1/2	67,286	1/2	52,193	1/2	37,101	1/2	22,008	1/2	6,915	1/2	
3/4	215,866	3/4	202,768	3/4	187,714	3/4	172,621	3/4	157,529	3/4	142,436	3/4	127,343	3/4	112,250	3/4	97,157	3/4	82,065	3/4	66,972	3/4	51,879	3/4	36,786	3/4	21,693	3/4	6,601	3/4	

CAPACITIES GIVEN IN U.S. GALLONS

STRAPPED: 11/27/07

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 16'-4 1/2" (RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK)

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INSPECTORATE AMERICA CORPORATION

FORM 1/4L15W REV #2 7/98

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "HFL-405"
HINES FURLONG LINE

OUTAGE TABLE

2 STAR

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 4595

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.	IN	15 FT.	IN	16 FT.
0		0	215,657	0	202,144	0	187,085	0	171,992	0	156,900	0	141,807	0	126,714	0	111,621	0	96,529	0	81,436	0	66,343	0	51,250	0	36,157	0	21,065	0	5,972
1/4		1/4	215,506	1/4	201,832	1/4	186,771	1/4	171,678	1/4	156,585	1/4	141,492	1/4	126,400	1/4	111,307	1/4	96,214	1/4	81,121	1/4	66,029	1/4	50,936	1/4	35,843	1/4	20,750	1/4	5,657
1/2		1/2	215,354	1/2	201,520	1/2	186,456	1/2	171,364	1/2	156,271	1/2	141,178	1/2	126,085	1/2	110,992	1/2	95,900	1/2	80,807	1/2	65,714	1/2	50,621	1/2	35,529	1/2	20,436	1/2	5,343
3/4		3/4	215,203	3/4	201,208	3/4	186,142	3/4	171,049	3/4	155,956	3/4	140,864	3/4	125,771	3/4	110,678	3/4	95,585	3/4	80,492	3/4	65,400	3/4	50,307	3/4	35,214	3/4	20,121	3/4	5,029
1		1	215,052	1	200,896	1	185,828	1	170,735	1	155,642	1	140,549	1	125,456	1	110,364	1	95,271	1	80,178	1	65,085	1	49,992	1	34,900	1	19,807	1	4,714
1/4		1/4	214,854	1/4	200,584	1/4	185,513	1/4	170,420	1/4	155,328	1/4	140,235	1/4	125,142	1/4	110,049	1/4	94,956	1/4	79,864	1/4	64,771	1/4	49,678	1/4	34,585	1/4	19,492	1/4	4,400
1/2		1/2	214,657	1/2	200,272	1/2	185,199	1/2	170,106	1/2	155,013	1/2	139,920	1/2	124,828	1/2	109,735	1/2	94,642	1/2	79,549	1/2	64,456	1/2	49,364	1/2	34,271	1/2	19,178	1/2	4,085
3/4		3/4	214,459	3/4	199,960	3/4	184,884	3/4	169,791	3/4	154,699	3/4	139,606	3/4	124,513	3/4	109,420	3/4	94,328	3/4	79,235	3/4	64,142	3/4	49,049	3/4	33,956	3/4	18,864	3/4	3,771
2		2	214,261	2	199,648	2	184,570	2	169,477	2	154,384	2	139,291	2	124,199	2	109,106	2	94,013	2	78,920	2	63,828	2	48,735	2	33,642	2	18,549	2	3,456
1/4		1/4	214,017	1/4	199,336	1/4	184,255	1/4	169,163	1/4	154,070	1/4	138,977	1/4	123,884	1/4	108,791	1/4	93,699	1/4	78,606	1/4	63,513	1/4	48,420	1/4	33,328	1/4	18,235	1/4	3,142
1/2		1/2	213,772	1/2	199,024	1/2	183,941	1/2	168,848	1/2	153,755	1/2	138,663	1/2	123,570	1/2	108,477	1/2	93,384	1/2	78,291	1/2	63,199	1/2	48,106	1/2	33,013	1/2	17,920	1/2	2,828
3/4		3/4	213,528	3/4	198,712	3/4	183,626	3/4	168,534	3/4	153,441	3/4	138,348	3/4	123,255	3/4	108,163	3/4	93,070	3/4	77,977	3/4	62,884	3/4	47,791	3/4	32,699	3/4	17,606	3/4	2,513
3		3	213,284	3	198,400	3	183,312	3	168,219	3	153,126	3	138,034	3	122,941	3	107,848	3	92,755	3	77,663	3	62,570	3	47,477	3	32,384	3	17,291	3	2,199
1/4		1/4	212,995	1/4	198,088	1/4	182,998	1/4	167,905	1/4	152,812	1/4	137,719	1/4	122,626	1/4	107,534	1/4	92,441	1/4	77,348	1/4	62,255	1/4	47,163	1/4	32,070	1/4	16,977	1/4	1,907
1/2		1/2	212,706	1/2	197,776	1/2	182,683	1/2	167,590	1/2	152,498	1/2	137,405	1/2	122,312	1/2	107,219	1/2	92,126	1/2	77,034	1/2	61,941	1/2	46,848	1/2	31,755	1/2	16,663	1/2	1,615
3/4		3/4	212,418	3/4	197,462	3/4	182,369	3/4	167,276	3/4	152,183	3/4	137,090	3/4	121,998	3/4	106,905	3/4	91,812	3/4	76,719	3/4	61,626	3/4	46,534	3/4	31,441	3/4	16,348	3/4	1,391
4		4	212,129	4	197,147	4	182,054	4	166,962	4	151,869	4	136,776	4	121,683	4	106,590	4	91,498	4	76,405	4	61,312	4	46,219	4	31,126	4	16,034	4	1,166
1/4		1/4	211,817	1/4	196,833	1/4	181,740	1/4	166,647	1/4	151,554	1/4	136,462	1/4	121,369	1/4	106,276	1/4	91,183	1/4	76,090	1/4	60,998	1/4	45,905	1/4	30,812	1/4	15,719	1/4	* 942
1/2		1/2	211,505	1/2	196,518	1/2	181,425	1/2	166,333	1/2	151,240	1/2	136,147	1/2	121,054	1/2	105,962	1/2	90,869	1/2	75,776	1/2	60,683	1/2	45,590	1/2	30,498	1/2	15,405	1/2	
3/4		3/4	211,193	3/4	196,204	3/4	181,111	3/4	166,018	3/4	150,925	3/4	135,833	3/4	120,740	3/4	105,647	3/4	90,554	3/4	75,462	3/4	60,369	3/4	45,276	3/4	30,183	3/4	15,090	3/4	
5		5	210,881	5	195,889	5	180,797	5	165,704	5	150,611	5	135,518	5	120,425	5	105,333	5	90,240	5	75,147	5	60,054	5	44,962	5	29,869	5	14,776	5	
1/4		1/4	210,569	1/4	195,575	1/4	180,482	1/4	165,389	1/4	150,297	1/4	135,204	1/4	120,111	1/4	105,018	1/4	89,925	1/4	74,833	1/4	59,740	1/4	44,647	1/4	29,554	1/4	14,462	1/4	
1/2		1/2	210,257	1/2	195,261	1/2	180,168	1/2	165,075	1/2	149,982	1/2	134,889	1/2	119,797	1/2	104,704	1/2	89,611	1/2	74,518	1/2	59,425	1/2	44,333	1/2	29,240	1/2	14,147	1/2	
3/4		3/4	209,945	3/4	194,946	3/4	179,853	3/4	164,761	3/4	149,668	3/4	134,575	3/4	119,482	3/4	104,389	3/4	89,297	3/4	74,204	3/4	59,111	3/4	44,018	3/4	28,925	3/4	13,833	3/4	
6		6	209,633	6	194,632	6	179,539	6	164,446	6	149,353	6	134,261	6	119,168	6	104,075	6	88,982	6	73,889	6	58,797	6	43,704	6	28,611	6	13,518	6	
1/4		1/4	209,321	1/4	194,317	1/4	179,224	1/4	164,132	1/4	149,039	1/4	133,946	1/4	118,853	1/4	103,761	1/4	88,668	1/4	73,575	1/4	58,482	1/4	43,389	1/4	28,297	1/4	13,204	1/4	
1/2		1/2	209,009	1/2	194,003	1/2	178,910	1/2	163,817	1/2	148,724	1/2	133,632	1/2	118,539	1/2	103,446	1/2	88,353	1/2	73,261	1/2	58,168	1/2	43,075	1/2	27,982	1/2	12,889	1/2	
3/4		3/4	208,697	3/4	193,688	3/4	178,596	3/4	163,503	3/4	148,410	3/4	133,317	3/4	118,224	3/4	103,132	3/4	88,039	3/4	72,946	3/4	57,853	3/4	42,761	3/4	27,668	3/4	12,575	3/4	
7		7	208,385	7	193,374	7	178,281	7	163,188	7	148,096	7	133,003	7	117,910	7	102,817	7	87,724	7	72,632	7	57,539	7	42,446	7	27,353	7	12,261	7	
1/4		1/4	208,073	1/4	193,059	1/4	177,967	1/4	162,874	1/4	147,781	1/4	132,688	1/4	117,596	1/4	102,503	1/4	87,410	1/4	72,317	1/4	57,224	1/4	42,132	1/4	27,039	1/4	11,946	1/4	
1/2		1/2	207,761	1/2	192,745	1/2	177,652	1/2	162,559	1/2	147,467	1/2	132,374	1/2	117,281	1/2	102,188	1/2	87,096	1/2	72,003	1/2	56,910	1/2	41,817	1/2	26,724	1/2	11,632	1/2	
3/4		3/4	207,449	3/4	192,431	3/4	177,338	3/4	162,245	3/4	147,152	3/4	132,059	3/4	116,967	3/4	101,874	3/4	86,781	3/4	71,688	3/4	56,596	3/4	41,503	3/4	26,410	3/4	11,317	3/4	
8		8	207,136	8	192,116	8	177,023	8	161,931	8	146,838	8	131,745	8	116,652	8	101,559	8	86,467	8	71,374	8	56,281	8	41,188	8	26,096	8	11,003	8	
1/4		1/4	206,824	1/4	191,802	1/4	176,709	1/4	161,616	1/4	146,523	1/4	131,431	1/4	116,338	1/4	101,245	1/4	86,152	1/4	71,059	1/4	55,967	1/4	40,874	1/4	25,781	1/4	10,688	1/4	
1/2		1/2	206,512	1/2	191,487	1/2	176,395	1/2	161,302	1/2	146,209	1/2	131,116	1/2	116,023	1/2	100,931	1/2	85,838	1/2	70,745	1/2	55,652	1/2	40,559	1/2	25,467	1/2	10,374	1/2	
3/4		3/4	206,200	3/4	191,173	3/4	176,080	3/4	160,987	3/4	145,895	3/4	130,802	3/4	115,709	3/4	100,616	3/4	85,523	3/4	70,431	3/4	55,338	3/4	40,245	3/4	25,152	3/4	10,059	3/4	
9		9	205,888	9	190,858	9	175,766	9	160,673	9	145,580	9	130,487	9	115,395	9	100,302	9	85,209	9	70,116	9	55,023	9	39,931	9	24,838	9	9,745	9	
1/4	216,359	1/4	205,576	1/4	190,544	1/4	175,451	1/4	160,358	1/4	145,266	1/4	130,173	1/4	115,080	1/4	99,987	1/4	84,895	1/4	69,802	1/4	54,709	1/4	39,616	1/4	24,523	1/4	9,431	1/4	
1/2	216,342	1/2	205,264	1/2	190,230	1/2	175,137	1/2	160,044	1/2	144,951	1/2	129,858	1/2	114,766	1/2	99,673	1/2	84,580	1/2	69,487	1/2	54,395	1/2	39,302	1/2	24,209	1/2	9,116	1/2	
3/4	216,325	3/4	204,952	3/4	189,915	3/4	174,822	3/4	159,730	3/4	144,637	3/4	129,544	3/4	114,451	3/4	99,358	3/4	84,266	3/4	69,173	3/4	54,080	3/4	38,987	3/4	23,895	3/4	8,802	3/4	
10	216,307	10	204,640	10	189,601	10	174,508	10	159,415	10	144,322	10	129,230	10	114,137	10	99,044	10	83,951	10	68,858	10	53,766	10	38,673	10	23,580	10	8,487	10	
1/4	216,249	1/4	204,328	1/4	189,286	1/4	174,194	1/4	159,101	1/4	144,008	1/4	128,915	1/4	113,822	1/4	98,730	1/4	83,637	1/4	68,544	1/4	53,451	1/4	38,358	1/4	23,266	1/4	8,173	1/4	
1/2	216,191	1/2	204,016	1/2	188,972	1/2	173,879	1/2	158,786	1/2	143,694	1/2	128,601	1/2	113,508	1/2	98,415	1/2	83,322	1/2	68,230	1/2	53,137	1/2	38,044	1/2	22,951	1/2	7,858	1/2	
3/4	216,133	3/4	203,704	3/4	188,657	3/4	173,565	3/4	158,472	3/4	143,379	3/4	128,286	3/4	113,194	3/4	98,101	3/4	83,008	3/4	67,915	3/4	52,822	3/4	37,730	3/4	22,637	3/4	7,544	3/4	
11	216,075	11	203,392	11	188,343	11	173,250	11	158,157	11	143,065	11	127,972	11	112,879	11	97,786	11	82,694	11	67,601	11	52,508	11	37,415	11	22,322	11	7,230	11	
1/4	215,971	1/4	203,080	1/4	188,029	1/4	172,936	1/4	157,843	1/4	142,750	1/4	127,657	1/4	112,565	1/4	97,472	1/4	82,379	1/4	67,286	1/4	52,193	1/4	37,101	1/4	22,008	1/4	6,915	1/4	
1/2	215,866	1/2	202,768	1/2	187,714	1/2	172,621	1/2	157,529	1/2	142,436	1/2	127,343	1/2	112,250	1/2	97,157	1/2	82,065	1/2	66,972	1/2	51,879	1/2	36,786	1/2	21,693	1/2	6,601	1/2	
3/4	215,761	3/4	202,456	3/4	187,400	3/4	172,307	3/4	157,214	3/4	142,121	3/4	127,029	3/4	111,936	3/4	96,843	3/4	81,750	3/4	66,657	3/4	51,565	3/4	36,472	3/4	21,379	3/4	6,286	3/4	

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FORM 1/4L15W REV #2 7/98

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "HFL-405"
HINES FURLONG LINE

OUTAGE TABLE

3 PORT

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 4595

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.	IN	15 FT.	IN	16 FT.
0		0	194,283	0	184,876	0	174,438	0	164,000	0	153,562	0	141,155	0	126,129	0	111,102	0	96,075	0	81,049	0	66,022	0	50,996	0	35,991	0	20,986	0	5,949
1/4		1/4	194,178	1/4	184,659	1/4	174,220	1/4	163,782	1/4	153,344	1/4	140,842	1/4	125,816	1/4	110,789	1/4	95,762	1/4	80,736	1/4	65,709	1/4	50,683	1/4	35,679	1/4	20,673	1/4	5,636
1/2		1/2	194,073	1/2	184,441	1/2	174,003	1/2	163,565	1/2	153,127	1/2	140,529	1/2	125,502	1/2	110,476	1/2	95,449	1/2	80,423	1/2	65,396	1/2	50,369	1/2	35,367	1/2	20,360	1/2	5,322
3/4		3/4	193,969	3/4	184,224	3/4	173,786	3/4	163,347	3/4	152,909	3/4	140,216	3/4	125,189	3/4	110,163	3/4	95,136	3/4	80,110	3/4	65,083	3/4	50,056	3/4	35,055	3/4	20,047	3/4	5,009
1		1	193,864	1	184,006	1	173,568	1	163,130	1	152,692	1	139,903	1	124,876	1	109,850	1	94,823	1	79,797	1	64,770	1	49,743	1	34,743	1	19,733	1	4,696
1/4		1/4	193,727	1/4	183,789	1/4	173,351	1/4	162,912	1/4	152,474	1/4	139,590	1/4	124,563	1/4	109,537	1/4	94,510	1/4	79,484	1/4	64,457	1/4	49,430	1/4	34,431	1/4	19,420	1/4	4,383
1/2		1/2	193,590	1/2	183,571	1/2	173,133	1/2	162,695	1/2	152,257	1/2	139,277	1/2	124,250	1/2	109,224	1/2	94,197	1/2	79,170	1/2	64,144	1/2	49,117	1/2	34,119	1/2	19,107	1/2	4,069
3/4		3/4	193,454	3/4	183,354	3/4	172,916	3/4	162,477	3/4	152,039	3/4	138,964	3/4	123,937	3/4	108,911	3/4	93,884	3/4	78,857	3/4	63,831	3/4	48,804	3/4	33,807	3/4	18,793	3/4	3,756
2		2	193,317	2	183,136	2	172,698	2	162,260	2	151,822	2	138,651	2	123,624	2	108,598	2	93,571	2	78,544	2	63,518	2	48,491	2	33,495	2	18,480	2	3,443
1/4		1/4	193,148	1/4	182,919	1/4	172,481	1/4	162,043	1/4	151,604	1/4	138,338	1/4	123,311	1/4	108,284	1/4	93,258	1/4	78,231	1/4	63,205	1/4	48,178	1/4	33,183	1/4	18,167	1/4	3,129
1/2		1/2	192,979	1/2	182,702	1/2	172,263	1/2	161,825	1/2	151,387	1/2	138,025	1/2	122,998	1/2	107,971	1/2	92,945	1/2	77,918	1/2	62,892	1/2	47,865	1/2	32,871	1/2	17,854	1/2	2,816
3/4		3/4	192,809	3/4	182,484	3/4	172,046	3/4	161,608	3/4	151,169	3/4	137,712	3/4	122,685	3/4	107,658	3/4	92,632	3/4	77,605	3/4	62,579	3/4	47,552	3/4	32,559	3/4	17,540	3/4	2,503
3		3	192,640	3	182,267	3	171,828	3	161,390	3	150,952	3	137,399	3	122,372	3	107,345	3	92,319	3	77,292	3	62,266	3	47,239	3	32,247	3	17,227	3	2,190
1/4		1/4	192,439	1/4	182,049	1/4	171,611	1/4	161,173	1/4	150,734	1/4	137,085	1/4	122,059	1/4	107,032	1/4	92,006	1/4	76,979	1/4	61,952	1/4	46,926	1/4	31,935	1/4	16,914	1/4	1,899
1/2		1/2	192,238	1/2	181,832	1/2	171,393	1/2	160,955	1/2	150,517	1/2	136,772	1/2	121,746	1/2	106,719	1/2	91,693	1/2	76,666	1/2	61,639	1/2	46,613	1/2	31,623	1/2	16,600	1/2	1,608
3/4		3/4	192,036	3/4	181,614	3/4	171,176	3/4	160,738	3/4	150,294	3/4	136,459	3/4	121,433	3/4	106,406	3/4	91,380	3/4	76,353	3/4	61,326	3/4	46,300	3/4	31,311	3/4	16,287	3/4	1,384
4		4	191,835	4	181,397	4	170,959	4	160,520	4	150,071	4	136,146	4	121,120	4	106,093	4	91,067	4	76,040	4	61,013	4	45,987	4	30,999	4	15,974	4	1,161
1/4		1/4	191,618	1/4	181,179	1/4	170,741	1/4	160,303	1/4	149,849	1/4	135,833	1/4	120,807	1/4	105,780	1/4	90,753	1/4	75,727	1/4	60,700	1/4	45,674	1/4	30,687	1/4	15,661	1/4	* 937
1/2		1/2	191,400	1/2	180,962	1/2	170,524	1/2	160,085	1/2	149,613	1/2	135,520	1/2	120,494	1/2	105,467	1/2	90,440	1/2	75,414	1/2	60,387	1/2	45,361	1/2	30,375	1/2	15,347	1/2	
3/4		3/4	191,183	3/4	180,744	3/4	170,306	3/4	159,868	3/4	149,378	3/4	135,207	3/4	120,181	3/4	105,154	3/4	90,127	3/4	75,101	3/4	60,074	3/4	45,048	3/4	30,063	3/4	15,034	3/4	
5		5	190,965	5	180,527	5	170,089	5	159,650	5	149,143	5	134,894	5	119,867	5	104,841	5	89,814	5	74,788	5	59,761	5	44,735	5	29,751	5	14,721	5	
1/4		1/4	190,748	1/4	180,309	1/4	169,871	1/4	159,433	1/4	148,907	1/4	134,581	1/4	119,554	1/4	104,528	1/4	89,501	1/4	74,475	1/4	59,448	1/4	44,421	1/4	29,439	1/4	14,408	1/4	
1/2		1/2	190,530	1/2	180,092	1/2	169,654	1/2	159,216	1/2	148,658	1/2	134,268	1/2	119,241	1/2	104,215	1/2	89,188	1/2	74,162	1/2	59,135	1/2	44,108	1/2	29,127	1/2	14,094	1/2	
3/4		3/4	190,313	3/4	179,875	3/4	169,436	3/4	158,998	3/4	148,408	3/4	133,955	3/4	118,928	3/4	103,902	3/4	88,875	3/4	73,849	3/4	58,822	3/4	43,795	3/4	28,815	3/4	13,781	3/4	
6		6	190,095	6	179,657	6	169,219	6	158,781	6	148,159	6	133,642	6	118,615	6	103,589	6	88,562	6	73,535	6	58,509	6	43,482	6	28,503	6	13,468	6	
1/4		1/4	189,878	1/4	179,440	1/4	169,001	1/4	158,563	1/4	147,909	1/4	133,329	1/4	118,302	1/4	103,276	1/4	88,249	1/4	73,222	1/4	58,196	1/4	43,169	1/4	28,191	1/4	13,154	1/4	
1/2		1/2	189,660	1/2	179,222	1/2	168,784	1/2	158,346	1/2	147,645	1/2	133,016	1/2	117,989	1/2	102,963	1/2	87,936	1/2	72,909	1/2	57,883	1/2	42,856	1/2	27,879	1/2	12,841	1/2	
3/4		3/4	189,443	3/4	179,005	3/4	168,566	3/4	158,128	3/4	147,382	3/4	132,703	3/4	117,676	3/4	102,650	3/4	87,623	3/4	72,596	3/4	57,570	3/4	42,544	3/4	27,565	3/4	12,528	3/4	
7		7	189,225	7	178,787	7	168,349	7	157,911	7	147,118	7	132,390	7	117,363	7	102,336	7	87,310	7	72,283	7	57,257	7	42,232	7	27,252	7	12,215	7	
1/4		1/4	189,008	1/4	178,570	1/4	168,132	1/4	157,693	1/4	146,854	1/4	132,077	1/4	117,050	1/4	102,023	1/4	86,997	1/4	71,970	1/4	56,944	1/4	41,920	1/4	26,939	1/4	11,901	1/4	
1/2		1/2	188,791	1/2	178,352	1/2	167,914	1/2	157,476	1/2	146,576	1/2	131,764	1/2	116,737	1/2	101,710	1/2	86,684	1/2	71,657	1/2	56,631	1/2	41,608	1/2	26,625	1/2	11,588	1/2	
3/4		3/4	188,573	3/4	178,135	3/4	167,697	3/4	157,258	3/4	146,298	3/4	131,450	3/4	116,424	3/4	101,397	3/4	86,371	3/4	71,344	3/4	56,318	3/4	41,296	3/4	26,312	3/4	11,275	3/4	
8		8	188,356	8	177,917	8	167,479	8	157,041	8	146,020	8	131,137	8	116,111	8	101,084	8	86,058	8	71,031	8	56,004	8	40,984	8	25,999	8	10,961	8	
1/4		1/4	188,138	1/4	177,700	1/4	167,262	1/4	156,823	1/4	145,742	1/4	130,824	1/4	115,798	1/4	100,771	1/4	85,745	1/4	70,718	1/4	55,691	1/4	40,672	1/4	25,686	1/4	10,648	1/4	
1/2		1/2	187,921	1/2	177,482	1/2	167,044	1/2	156,606	1/2	145,450	1/2	130,511	1/2	115,485	1/2	100,458	1/2	85,432	1/2	70,405	1/2	55,378	1/2	40,360	1/2	25,372	1/2	10,335	1/2	
3/4		3/4	187,703	3/4	177,265	3/4	166,827	3/4	156,389	3/4	145,157	3/4	130,198	3/4	115,172	3/4	100,145	3/4	85,118	3/4	70,092	3/4	55,065	3/4	40,048	3/4	25,059	3/4	10,022	3/4	
9		9	187,486	9	177,048	9	166,609	9	156,171	9	144,865	9	129,885	9	114,859	9	99,832	9	84,805	9	69,779	9	54,752	9	39,736	9	24,746	9	9,708	9	
1/4	194,768	1/4	187,268	1/4	176,830	1/4	166,392	1/4	155,954	1/4	144,573	1/4	129,572	1/4	114,546	1/4	99,519	1/4	84,492	1/4	69,466	1/4	54,439	1/4	39,424	1/4	24,432	1/4	9,395	1/4	
1/2	194,756	1/2	187,051	1/2	176,613	1/2	166,174	1/2	155,736	1/2	144,266	1/2	129,259	1/2	114,233	1/2	99,206	1/2	84,179	1/2	69,153	1/2	54,126	1/2	39,112	1/2	24,119	1/2	9,082	1/2	
3/4	194,745	3/4	186,833	3/4	176,395	3/4	165,957	3/4	155,519	3/4	143,960	3/4	128,946	3/4	113,919	3/4	98,893	3/4	83,866	3/4	68,840	3/4	53,813	3/4	38,800	3/4	23,806	3/4	8,768	3/4	
10	194,733	10	186,616	10	176,178	10	165,739	10	155,301	10	143,653	10	128,633	10	113,606	10	98,580	10	83,553	10	68,527	10	53,500	10	38,488	10	23,493	10	8,455	10	
1/4	194,692	1/4	186,398	1/4	175,960	1/4	165,522	1/4	155,084	1/4	143,347	1/4	128,320	1/4	113,293	1/4	98,267	1/4	83,240	1/4	68,214	1/4	53,187	1/4	38,176	1/4	23,179	1/4	8,142	1/4	
1/2	194,652	1/2	186,181	1/2	175,743	1/2	165,305	1/2	154,866	1/2	143,033	1/2	128,007	1/2	112,980	1/2	97,954	1/2	82,927	1/2	67,901	1/2	52,874	1/2	37,864	1/2	22,866	1/2	7,829	1/2	
3/4	194,612	3/4	185,963	3/4	175,525	3/4	165,087	3/4	154,649	3/4	142,720	3/4	127,694	3/4	112,667	3/4	97,641	3/4	82,614	3/4	67,587	3/4	52,561	3/4	37,552	3/4	22,553	3/4	7,515	3/4	
11	194,572	11	185,746	11	175,308	11	164,870	11	154,431	11	142,407	11	127,381	11	112,354	11	97,328	11	82,301	11	67,274	11	52,248	11	37,240	11	22,239	11	7,202	11	
1/4	194,500	1/4	185,529	1/4	175,090	1/4	164,652	1/4	154,214	1/4	142,094	1/4	127,068	1/4	112,041	1/4	97,015	1/4	81,988	1/4	66,961	1/4	51,935	1/4	36,928	1/4	21,926	1/4	6,889	1/4	
1/2	194,427	1/2	185,311	1/2	174,873	1/2	164,435	1/2	153,996	1/2	141,781	1/2	126,755	1/2	111,728	1/2	96,701	1/2	81,675	1/2	66,648	1/2	51,622	1/2	36,615	1/2	21,613	1/2	6,576	1/2	
3/4	194,355	3/4	185,094	3/4	174,655	3/4	164,217	3/4	153,779	3/4	141,468	3/4	126,442	3/4	111,415	3/4	96,388	3/4	81,362	3/4	66,335	3/4	51,309	3/4	36,303	3/4	21,300	3/4	6,262	3/4	

CAPACITIES GIVEN IN U.S. GALLONS

STRAPPED: 11/27/07

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 16'-4 1/4" (RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

INSPECTORATE AMERICA CORPORATION

FORM 1/4L15W REV #2 7/98

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "HFL-405"
HINES FURLONG LINE

OUTAGE TABLE

3 STAR

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 4595

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.	IN	15 FT.	IN	16 FT.
0		0	194,355	0	185,094	0	174,655	0	164,217	0	153,779	0	141,468	0	126,442	0	111,415	0	96,388	0	81,362	0	66,335	0	51,309	0	36,303	0	21,300	0	6,262
1/4		1/4	194,283	1/4	184,876	1/4	174,438	1/4	164,000	1/4	153,562	1/4	141,155	1/4	126,129	1/4	111,102	1/4	96,075	1/4	81,049	1/4	66,022	1/4	50,996	1/4	35,991	1/4	20,986	1/4	5,949
1/2		1/2	194,178	1/2	184,659	1/2	174,220	1/2	163,782	1/2	153,344	1/2	140,842	1/2	125,816	1/2	110,789	1/2	95,762	1/2	80,736	1/2	65,709	1/2	50,683	1/2	35,679	1/2	20,673	1/2	5,636
3/4		3/4	194,073	3/4	184,441	3/4	174,003	3/4	163,565	3/4	153,127	3/4	140,529	3/4	125,502	3/4	110,476	3/4	95,449	3/4	80,423	3/4	65,396	3/4	50,369	3/4	35,367	3/4	20,360	3/4	5,322
1		1	193,969	1	184,224	1	173,786	1	163,347	1	152,909	1	140,216	1	125,189	1	110,163	1	95,136	1	80,110	1	65,083	1	50,056	1	35,055	1	20,047	1	5,009
1/4		1/4	193,864	1/4	184,006	1/4	173,568	1/4	163,130	1/4	152,692	1/4	139,903	1/4	124,876	1/4	109,850	1/4	94,823	1/4	79,797	1/4	64,770	1/4	49,743	1/4	34,743	1/4	19,733	1/4	4,696
1/2		1/2	193,727	1/2	183,789	1/2	173,351	1/2	162,912	1/2	152,474	1/2	139,590	1/2	124,563	1/2	109,537	1/2	94,510	1/2	79,484	1/2	64,457	1/2	49,430	1/2	34,431	1/2	19,420	1/2	4,383
3/4		3/4	193,590	3/4	183,571	3/4	173,133	3/4	162,695	3/4	152,257	3/4	139,277	3/4	124,250	3/4	109,224	3/4	94,197	3/4	79,170	3/4	64,144	3/4	49,117	3/4	34,119	3/4	19,107	3/4	4,069
2		2	193,454	2	183,354	2	172,916	2	162,477	2	152,039	2	138,964	2	123,937	2	108,911	2	93,884	2	78,857	2	63,831	2	48,804	2	33,807	2	18,793	2	3,756
1/4		1/4	193,317	1/4	183,136	1/4	172,698	1/4	162,260	1/4	151,822	1/4	138,651	1/4	123,624	1/4	108,598	1/4	93,571	1/4	78,544	1/4	63,518	1/4	48,491	1/4	33,495	1/4	18,480	1/4	3,443
1/2		1/2	193,148	1/2	182,919	1/2	172,481	1/2	162,043	1/2	151,604	1/2	138,338	1/2	123,311	1/2	108,284	1/2	93,258	1/2	78,231	1/2	63,205	1/2	48,178	1/2	33,183	1/2	18,167	1/2	3,129
3/4		3/4	192,979	3/4	182,702	3/4	172,263	3/4	161,825	3/4	151,387	3/4	138,025	3/4	122,998	3/4	107,971	3/4	92,945	3/4	77,918	3/4	62,892	3/4	47,865	3/4	32,871	3/4	17,854	3/4	2,816
3		3	192,809	3	182,484	3	172,046	3	161,608	3	151,169	3	137,712	3	122,685	3	107,658	3	92,632	3	77,605	3	62,579	3	47,552	3	32,559	3	17,540	3	2,503
1/4		1/4	192,640	1/4	182,267	1/4	171,828	1/4	161,390	1/4	150,952	1/4	137,399	1/4	122,372	1/4	107,345	1/4	92,319	1/4	77,292	1/4	62,266	1/4	47,239	1/4	32,247	1/4	17,227	1/4	2,190
1/2		1/2	192,439	1/2	182,049	1/2	171,611	1/2	161,173	1/2	150,734	1/2	137,085	1/2	122,059	1/2	107,032	1/2	92,006	1/2	76,979	1/2	61,952	1/2	46,926	1/2	31,935	1/2	16,914	1/2	1,899
3/4		3/4	192,238	3/4	181,832	3/4	171,393	3/4	160,955	3/4	150,517	3/4	136,772	3/4	121,746	3/4	106,719	3/4	91,693	3/4	76,666	3/4	61,639	3/4	46,613	3/4	31,623	3/4	16,600	3/4	1,608
4		4	192,036	4	181,614	4	171,176	4	160,738	4	150,294	4	136,459	4	121,433	4	106,406	4	91,380	4	76,353	4	61,326	4	46,300	4	31,311	4	16,287	4	1,384
1/4		1/4	191,835	1/4	181,397	1/4	170,959	1/4	160,520	1/4	150,071	1/4	136,146	1/4	121,120	1/4	106,093	1/4	91,067	1/4	76,040	1/4	61,013	1/4	45,987	1/4	30,999	1/4	15,974	1/4	1,161
1/2		1/2	191,618	1/2	181,179	1/2	170,741	1/2	160,303	1/2	149,849	1/2	135,833	1/2	120,807	1/2	105,780	1/2	90,753	1/2	75,727	1/2	60,700	1/2	45,674	1/2	30,687	1/2	15,661	1/2	* 937
3/4		3/4	191,400	3/4	180,962	3/4	170,524	3/4	160,085	3/4	149,613	3/4	135,520	3/4	120,494	3/4	105,467	3/4	90,440	3/4	75,414	3/4	60,387	3/4	45,361	3/4	30,375	3/4	15,347	3/4	
5		5	191,183	5	180,744	5	170,306	5	159,868	5	149,378	5	135,207	5	120,181	5	105,154	5	90,127	5	75,101	5	60,074	5	45,048	5	30,063	5	15,034	5	
1/4		1/4	190,965	1/4	180,527	1/4	170,089	1/4	159,650	1/4	149,143	1/4	134,894	1/4	119,867	1/4	104,841	1/4	89,814	1/4	74,788	1/4	59,761	1/4	44,735	1/4	29,751	1/4	14,721	1/4	
1/2		1/2	190,748	1/2	180,309	1/2	169,871	1/2	159,433	1/2	148,907	1/2	134,581	1/2	119,554	1/2	104,528	1/2	89,501	1/2	74,475	1/2	59,448	1/2	44,421	1/2	29,439	1/2	14,408	1/2	
3/4		3/4	190,530	3/4	180,092	3/4	169,654	3/4	159,216	3/4	148,658	3/4	134,268	3/4	119,241	3/4	104,215	3/4	89,188	3/4	74,162	3/4	59,135	3/4	44,108	3/4	29,127	3/4	14,094	3/4	
6		6	190,313	6	179,875	6	169,436	6	158,998	6	148,408	6	133,955	6	118,928	6	103,902	6	88,875	6	73,849	6	58,822	6	43,795	6	28,815	6	13,781	6	
1/4		1/4	190,095	1/4	179,657	1/4	169,219	1/4	158,781	1/4	148,159	1/4	133,642	1/4	118,615	1/4	103,589	1/4	88,562	1/4	73,535	1/4	58,509	1/4	43,482	1/4	28,503	1/4	13,468	1/4	
1/2		1/2	189,878	1/2	179,440	1/2	169,001	1/2	158,563	1/2	147,909	1/2	133,329	1/2	118,302	1/2	103,276	1/2	88,249	1/2	73,222	1/2	58,196	1/2	43,169	1/2	28,191	1/2	13,154	1/2	
3/4		3/4	189,660	3/4	179,222	3/4	168,784	3/4	158,346	3/4	147,645	3/4	133,016	3/4	117,989	3/4	102,963	3/4	87,936	3/4	72,909	3/4	57,883	3/4	42,856	3/4	27,879	3/4	12,841	3/4	
7		7	189,443	7	179,005	7	168,566	7	158,128	7	147,382	7	132,703	7	117,676	7	102,650	7	87,623	7	72,596	7	57,570	7	42,544	7	27,565	7	12,528	7	
1/4		1/4	189,225	1/4	178,787	1/4	168,349	1/4	157,911	1/4	147,118	1/4	132,390	1/4	117,363	1/4	102,336	1/4	87,310	1/4	72,283	1/4	57,257	1/4	42,232	1/4	27,252	1/4	12,215	1/4	
1/2		1/2	189,008	1/2	178,570	1/2	168,132	1/2	157,693	1/2	146,854	1/2	132,077	1/2	117,050	1/2	102,023	1/2	86,997	1/2	71,970	1/2	56,944	1/2	41,920	1/2	26,939	1/2	11,901	1/2	
3/4		3/4	188,791	3/4	178,352	3/4	167,914	3/4	157,476	3/4	146,576	3/4	131,764	3/4	116,737	3/4	101,710	3/4	86,684	3/4	71,657	3/4	56,631	3/4	41,608	3/4	26,625	3/4	11,588	3/4	
8		8	188,573	8	178,135	8	167,697	8	157,258	8	146,298	8	131,450	8	116,424	8	101,397	8	86,371	8	71,344	8	56,318	8	41,296	8	26,312	8	11,275	8	
1/4		1/4	188,356	1/4	177,917	1/4	167,479	1/4	157,041	1/4	146,020	1/4	131,137	1/4	116,111	1/4	101,084	1/4	86,058	1/4	71,031	1/4	56,004	1/4	40,984	1/4	25,999	1/4	10,961	1/4	
1/2		1/2	188,138	1/2	177,700	1/2	167,262	1/2	156,823	1/2	145,742	1/2	130,824	1/2	115,798	1/2	100,771	1/2	85,745	1/2	70,718	1/2	55,691	1/2	40,672	1/2	25,686	1/2	10,648	1/2	
3/4		3/4	187,921	3/4	177,482	3/4	167,044	3/4	156,606	3/4	145,450	3/4	130,511	3/4	115,485	3/4	100,458	3/4	85,432	3/4	70,405	3/4	55,378	3/4	40,360	3/4	25,372	3/4	10,335	3/4	
9		9	187,703	9	177,265	9	166,827	9	156,389	9	145,157	9	130,198	9	115,172	9	100,145	9	85,118	9	70,092	9	55,065	9	40,048	9	25,059	9	10,022	9	
1/4		1/4	187,486	1/4	177,048	1/4	166,609	1/4	156,171	1/4	144,865	1/4	129,885	1/4	114,859	1/4	99,832	1/4	84,805	1/4	69,779	1/4	54,752	1/4	39,736	1/4	24,746	1/4	9,708	1/4	
1/2	194,768	1/2	187,268	1/2	176,830	1/2	166,392	1/2	155,954	1/2	144,573	1/2	129,572	1/2	114,546	1/2	99,519	1/2	84,492	1/2	69,466	1/2	54,439	1/2	39,424	1/2	24,432	1/2	9,395	1/2	
3/4	194,756	3/4	187,051	3/4	176,613	3/4	166,174	3/4	155,736	3/4	144,266	3/4	129,259	3/4	114,233	3/4	99,206	3/4	84,179	3/4	69,153	3/4	54,126	3/4	39,112	3/4	24,119	3/4	9,082	3/4	
10	194,745	10	186,833	10	176,395	10	165,957	10	155,519	10	143,960	10	128,946	10	113,919	10	98,893	10	83,866	10	68,840	10	53,813	10	38,800	10	23,806	10	8,768	10	
1/4	194,733	1/4	186,616	1/4	176,178	1/4	165,739	1/4	155,301	1/4	143,653	1/4	128,633	1/4	113,606	1/4	98,580	1/4	83,553	1/4	68,527	1/4	53,500	1/4	38,488	1/4	23,493	1/4	8,455	1/4	
1/2	194,692	1/2	186,398	1/2	175,960	1/2	165,522	1/2	155,084	1/2	143,347	1/2	128,320	1/2	113,293	1/2	98,267	1/2	83,240	1/2	68,214	1/2	53,187	1/2	38,176	1/2	23,179	1/2	8,142	1/2	
3/4	194,652	3/4	186,181	3/4	175,743	3/4	165,305	3/4	154,866	3/4	143,033	3/4	128,007	3/4	112,980	3/4	97,954	3/4	82,927	3/4	67,901	3/4	52,874	3/4	37,864	3/4	22,866	3/4	7,829	3/4	
11	194,612	11	185,963	11	175,525	11	165,087	11	154,649	11	142,720	11	127,694	11	112,667	11	97,641	11	82,614	11	67,587	11	52,561	11	37,552	11	22,553	11	7,515	11	
1/4	194,572	1/4	185,746	1/4	175,308	1/4	164,870	1/4	154,431	1/4	142,407	1/4	127,381	1/4	112,354	1/4	97,328	1/4	82,301	1/4	67,274	1/4	52,248	1/4	37,240	1/4	22,239	1/4	7,202	1/4	
1/2	194,500	1/2	185,529	1/2	175,090	1/2	164,652	1/2	154,214	1/2	142,094	1/2	127,068	1/2	112,041	1/2	97,015	1/2	81,988	1/2	66,961	1/2	51,935	1/2	36,928	1/2	21,926	1/2	6,889	1/2	
3/4	194,427	3/4	185,311	3/4	174,873	3/4	164,435	3/4	153,996	3/4	141,781	3/4	126,755	3/4	111,728	3/4	96,701	3/4	81,675	3/4	66,648	3/4	51,622	3/4	36,615	3/4	21,613	3/4	6,576	3/4	

CAPACITIES GIVEN IN U.S. GALLONS

STRAPPED: 11/27/07

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 16'-4 1/2" (RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

INSPECTORATE AMERICA CORPORATION

FORM 1/4L15W REV #2 7/98

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "HFL-405"
HINES FURLONG LINE

INNAGE TABLE

1 PORT

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 4595

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	* 903	0	14,259	0	29,131	0	44,170	0	59,210	0	74,250	0	89,290	0	104,330	0	119,370	0	134,410	0	149,450	0	164,490	0	179,530	0	194,570	0	209,610
1/4	1,102	1/4	14,560	1/4	29,444	1/4	44,484	1/4	59,524	1/4	74,564	1/4	89,604	1/4	104,644	1/4	119,683	1/4	134,723	1/4	149,763	1/4	164,803	1/4	179,843	1/4	194,883	1/4	209,923
1/2	1,301	1/2	14,860	1/2	29,757	1/2	44,797	1/2	59,837	1/2	74,877	1/2	89,917	1/2	104,957	1/2	119,997	1/2	135,037	1/2	150,077	1/2	165,117	1/2	180,157	1/2	195,197	1/2	210,213
3/4	1,500	3/4	15,161	3/4	30,071	3/4	45,110	3/4	60,150	3/4	75,190	3/4	90,230	3/4	105,270	3/4	120,310	3/4	135,350	3/4	150,390	3/4	165,430	3/4	180,470	3/4	195,510	3/4	210,504
1	1,752	1	15,462	1	30,384	1	45,424	1	60,464	1	75,504	1	90,544	1	105,584	1	120,623	1	135,663	1	150,703	1	165,743	1	180,783	1	195,823	1	210,794
1/4	2,005	1/4	15,762	1/4	30,697	1/4	45,737	1/4	60,777	1/4	75,817	1/4	90,857	1/4	105,897	1/4	120,937	1/4	135,977	1/4	151,017	1/4	166,057	1/4	181,097	1/4	196,137	1/4	211,084
1/2	2,275	1/2	16,063	1/2	31,011	1/2	46,050	1/2	61,090	1/2	76,130	1/2	91,170	1/2	106,210	1/2	121,250	1/2	136,290	1/2	151,330	1/2	166,370	1/2	181,410	1/2	196,450	1/2	211,328
3/4	2,545	3/4	16,364	3/4	31,324	3/4	46,364	3/4	61,404	3/4	76,444	3/4	91,484	3/4	106,524	3/4	121,563	3/4	136,603	3/4	151,643	3/4	166,683	3/4	181,723	3/4	196,763	3/4	211,572
2	2,820	2	16,669	2	31,637	2	46,677	2	61,717	2	76,757	2	91,797	2	106,837	2	121,877	2	136,917	2	151,957	2	166,997	2	182,037	2	197,076	2	211,815
1/4	3,095	1/4	16,975	1/4	31,951	1/4	46,990	1/4	62,030	1/4	77,070	1/4	92,110	1/4	107,150	1/4	122,190	1/4	137,230	1/4	152,270	1/4	167,310	1/4	182,350	1/4	197,390	1/4	212,059
1/2	3,370	1/2	17,281	1/2	32,264	1/2	47,304	1/2	62,344	1/2	77,384	1/2	92,424	1/2	107,464	1/2	122,503	1/2	137,543	1/2	152,583	1/2	167,623	1/2	182,663	1/2	197,703	1/2	212,257
3/4	3,645	3/4	17,587	3/4	32,577	3/4	47,617	3/4	62,657	3/4	77,697	3/4	92,737	3/4	107,777	3/4	122,817	3/4	137,857	3/4	152,897	3/4	167,937	3/4	182,977	3/4	198,016	3/4	212,454
3	3,920	3	17,893	3	32,891	3	47,930	3	62,970	3	78,010	3	93,050	3	108,090	3	123,130	3	138,170	3	153,210	3	168,250	3	183,290	3	198,330	3	212,651
1/4	4,195	1/4	18,198	1/4	33,204	1/4	48,244	1/4	63,284	1/4	78,324	1/4	93,364	1/4	108,404	1/4	123,443	1/4	138,483	1/4	153,523	1/4	168,563	1/4	183,603	1/4	198,643	1/4	212,848
1/2	4,471	1/2	18,504	1/2	33,517	1/2	48,557	1/2	63,597	1/2	78,637	1/2	93,677	1/2	108,717	1/2	123,757	1/2	138,797	1/2	153,837	1/2	168,877	1/2	183,917	1/2	198,956	1/2	212,999
3/4	4,746	3/4	18,810	3/4	33,831	3/4	48,870	3/4	63,910	3/4	78,950	3/4	93,990	3/4	109,030	3/4	124,070	3/4	139,110	3/4	154,150	3/4	169,190	3/4	184,230	3/4	199,270	3/4	213,150
4	5,026	4	19,121	4	34,144	4	49,184	4	64,224	4	79,264	4	94,304	4	109,344	4	124,383	4	139,423	4	154,463	4	169,503	4	184,543	4	199,583	4	213,301
1/4	5,306	1/4	19,432	1/4	34,457	1/4	49,497	1/4	64,537	1/4	79,577	1/4	94,617	1/4	109,657	1/4	124,697	1/4	139,737	1/4	154,777	1/4	169,817	1/4	184,857	1/4	199,896	1/4	213,452
1/2	5,586	1/2	19,743	1/2	34,771	1/2	49,810	1/2	64,850	1/2	79,890	1/2	94,930	1/2	109,970	1/2	125,010	1/2	140,050	1/2	155,090	1/2	170,130	1/2	185,170	1/2	200,210	1/2	213,556
3/4	5,867	3/4	20,054	3/4	35,084	3/4	50,124	3/4	65,164	3/4	80,204	3/4	95,244	3/4	110,284	3/4	125,323	3/4	140,363	3/4	155,403	3/4	170,443	3/4	185,483	3/4	200,523	3/4	213,661
5	6,147	5	20,364	5	35,397	5	50,437	5	65,477	5	80,517	5	95,557	5	110,597	5	125,637	5	140,677	5	155,717	5	170,757	5	185,797	5	200,836	5	213,765
1/4	6,427	1/4	20,675	1/4	35,711	1/4	50,750	1/4	65,790	1/4	80,830	1/4	95,870	1/4	110,910	1/4	125,950	1/4	140,990	1/4	156,030	1/4	171,070	1/4	186,110	1/4	201,150	1/4	213,869
1/2	6,707	1/2	20,986	1/2	36,024	1/2	51,064	1/2	66,104	1/2	81,144	1/2	96,184	1/2	111,224	1/2	126,263	1/2	141,303	1/2	156,343	1/2	171,383	1/2	186,423	1/2	201,463	1/2	213,927
3/4	6,987	3/4	21,297	3/4	36,337	3/4	51,377	3/4	66,417	3/4	81,457	3/4	96,497	3/4	111,537	3/4	126,577	3/4	141,617	3/4	156,657	3/4	171,697	3/4	186,737	3/4	201,776	3/4	213,985
6	7,273	6	21,611	6	36,651	6	51,690	6	66,730	6	81,770	6	96,810	6	111,850	6	126,890	6	141,930	6	156,970	6	172,010	6	187,050	6	202,090	6	214,043
1/4	7,558	1/4	21,924	1/4	36,964	1/4	52,004	1/4	67,044	1/4	82,084	1/4	97,124	1/4	112,164	1/4	127,203	1/4	142,243	1/4	157,283	1/4	172,323	1/4	187,363	1/4	202,403	1/4	214,101
1/2	7,843	1/2	22,237	1/2	37,277	1/2	52,317	1/2	67,357	1/2	82,397	1/2	97,437	1/2	112,477	1/2	127,517	1/2	142,557	1/2	157,597	1/2	172,637	1/2	187,677	1/2	202,716	1/2	214,118
3/4	8,129	3/4	22,551	3/4	37,591	3/4	52,630	3/4	67,670	3/4	82,710	3/4	97,750	3/4	112,790	3/4	127,830	3/4	142,870	3/4	157,910	3/4	172,950	3/4	187,990	3/4	203,030	3/4	214,135
7	8,414	7	22,864	7	37,904	7	52,944	7	67,984	7	83,024	7	98,064	7	113,104	7	128,143	7	143,183	7	158,223	7	173,263	7	188,303	7	203,343	7	214,153
1/4	8,700	1/4	23,177	1/4	38,217	1/4	53,257	1/4	68,297	1/4	83,337	1/4	98,377	1/4	113,417	1/4	128,457	1/4	143,497	1/4	158,537	1/4	173,577	1/4	188,617	1/4	203,656	1/4	
1/2	8,985	1/2	23,491	1/2	38,531	1/2	53,570	1/2	68,610	1/2	83,650	1/2	98,690	1/2	113,730	1/2	128,770	1/2	143,810	1/2	158,850	1/2	173,890	1/2	188,930	1/2	203,970	1/2	
3/4	9,270	3/4	23,804	3/4	38,844	3/4	53,884	3/4	68,924	3/4	83,964	3/4	99,004	3/4	114,044	3/4	129,083	3/4	144,123	3/4	159,163	3/4	174,203	3/4	189,243	3/4	204,283	3/4	
8	9,561	8	24,117	8	39,157	8	54,197	8	69,237	8	84,277	8	99,317	8	114,357	8	129,397	8	144,437	8	159,477	8	174,517	8	189,557	8	204,596	8	
1/4	9,851	1/4	24,431	1/4	39,471	1/4	54,510	1/4	69,550	1/4	84,590	1/4	99,630	1/4	114,670	1/4	129,710	1/4	144,750	1/4	159,790	1/4	174,830	1/4	189,870	1/4	204,910	1/4	
1/2	10,142	1/2	24,744	1/2	39,784	1/2	54,824	1/2	69,864	1/2	84,904	1/2	99,944	1/2	114,984	1/2	130,023	1/2	145,063	1/2	160,103	1/2	175,143	1/2	190,183	1/2	205,223	1/2	
3/4	10,432	3/4	25,057	3/4	40,097	3/4	55,137	3/4	70,177	3/4	85,217	3/4	100,257	3/4	115,297	3/4	130,337	3/4	145,377	3/4	160,417	3/4	175,457	3/4	190,497	3/4	205,536	3/4	
9	10,722	9	25,371	9	40,411	9	55,450	9	70,490	9	85,530	9	100,570	9	115,610	9	130,650	9	145,690	9	160,730	9	175,770	9	190,810	9	205,850	9	
1/4	11,013	1/4	25,684	1/4	40,724	1/4	55,764	1/4	70,804	1/4	85,844	1/4	100,884	1/4	115,924	1/4	130,963	1/4	146,003	1/4	161,043	1/4	176,083	1/4	191,123	1/4	206,163	1/4	
1/2	11,303	1/2	25,997	1/2	41,037	1/2	56,077	1/2	71,117	1/2	86,157	1/2	101,197	1/2	116,237	1/2	131,277	1/2	146,317	1/2	161,357	1/2	176,397	1/2	191,437	1/2	206,476	1/2	
3/4	11,594	3/4	26,311	3/4	41,350	3/4	56,390	3/4	71,430	3/4	86,470	3/4	101,510	3/4	116,550	3/4	131,590	3/4	146,630	3/4	161,670	3/4	176,710	3/4	191,750	3/4	206,790	3/4	
10	11,889	10	26,624	10	41,664	10	56,704	10	71,744	10	86,784	10	101,824	10	116,864	10	131,903	10	146,943	10	161,983	10	177,023	10	192,063	10	207,103	10	
1/4	12,185	1/4	26,937	1/4	41,977	1/4	57,017	1/4	72,057	1/4	87,097	1/4	102,137	1/4	117,177	1/4	132,217	1/4	147,257	1/4	162,297	1/4	177,337	1/4	192,377	1/4	207,416	1/4	
1/2	12,480	1/2	27,251	1/2	42,290	1/2	57,330	1/2	72,370	1/2	87,410	1/2	102,450	1/2	117,490	1/2	132,530	1/2	147,570	1/2	162,610	1/2	177,650	1/2	192,690	1/2	207,730	1/2	
3/4	12,776	3/4	27,564	3/4	42,604	3/4	57,644	3/4	72,684	3/4	87,724	3/4	102,764	3/4	117,804	3/4	132,843	3/4	147,883	3/4	162,923	3/4	177,963	3/4	193,003	3/4	208,043	3/4	
11	13,072	11	27,877	11	42,917	11	57,957	11	72,997	11	88,037	11	103,077	11	118,117	11	133,157	11	148,197	11	163,237	11	178,277	11	193,317	11	208,356	11	
1/4	13,367	1/4	28,191	1/4	43,230	1/4	58,270	1/4	73,310	1/4	88,350	1/4	103,390	1/4	118,430	1/4	133,470	1/4	148,510	1/4	163,550	1/4	178,590	1/4	193,630	1/4	208,670	1/4	
1/2	13,663	1/2	28,504	1/2	43,544	1/2	58,584	1/2	73,624	1/2	88,664	1/2	103,704	1/2	118,743	1/2	133,783	1/2	148,823	1/2	163,863	1/2	178,903	1/2	193,943	1/2	208,983	1/2	
3/4	13,958	3/4	28,817	3/4	43,857	3/4	58,897	3/4	73,937	3/4	88,977	3/4	104,017	3/4	119,057	3/4	134,097	3/4	149,137	3/4	164,177	3/4	179,217	3/4	194,257	3/4	209,296	3/4	

CAPACITIES GIVEN IN U.S. GALLONS

STRAPPED: 11/27/07

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 16'-4 1/4" (RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

INSPECTORATE AMERICA CORPORATION

FORM 1/4L15W REV #2 7/98

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "HFL-405"
HINES FURLONG LINE

INNAGE TABLE

1 STAR

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 4595

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	* 903	0	14,259	0	29,131	0	44,170	0	59,210	0	74,250	0	89,290	0	104,330	0	119,370	0	134,410	0	149,450	0	164,490	0	179,530	0	194,570	0	209,610
1/4	1,102	1/4	14,560	1/4	29,444	1/4	44,484	1/4	59,524	1/4	74,564	1/4	89,604	1/4	104,644	1/4	119,683	1/4	134,723	1/4	149,763	1/4	164,803	1/4	179,843	1/4	194,883	1/4	209,923
1/2	1,301	1/2	14,860	1/2	29,757	1/2	44,797	1/2	59,837	1/2	74,877	1/2	89,917	1/2	104,957	1/2	119,997	1/2	135,037	1/2	150,077	1/2	165,117	1/2	180,157	1/2	195,197	1/2	210,213
3/4	1,500	3/4	15,161	3/4	30,071	3/4	45,110	3/4	60,150	3/4	75,190	3/4	90,230	3/4	105,270	3/4	120,310	3/4	135,350	3/4	150,390	3/4	165,430	3/4	180,470	3/4	195,510	3/4	210,504
1	1,752	1	15,462	1	30,384	1	45,424	1	60,464	1	75,504	1	90,544	1	105,584	1	120,623	1	135,663	1	150,703	1	165,743	1	180,783	1	195,823	1	210,794
1/4	2,005	1/4	15,762	1/4	30,697	1/4	45,737	1/4	60,777	1/4	75,817	1/4	90,857	1/4	105,897	1/4	120,937	1/4	135,977	1/4	151,017	1/4	166,057	1/4	181,097	1/4	196,137	1/4	211,084
1/2	2,275	1/2	16,063	1/2	31,011	1/2	46,050	1/2	61,090	1/2	76,130	1/2	91,170	1/2	106,210	1/2	121,250	1/2	136,290	1/2	151,330	1/2	166,370	1/2	181,410	1/2	196,450	1/2	211,328
3/4	2,545	3/4	16,364	3/4	31,324	3/4	46,364	3/4	61,404	3/4	76,444	3/4	91,484	3/4	106,524	3/4	121,563	3/4	136,603	3/4	151,643	3/4	166,683	3/4	181,723	3/4	196,763	3/4	211,572
2	2,820	2	16,669	2	31,637	2	46,677	2	61,717	2	76,757	2	91,797	2	106,837	2	121,877	2	136,917	2	151,957	2	166,997	2	182,037	2	197,076	2	211,815
1/4	3,095	1/4	16,975	1/4	31,951	1/4	46,990	1/4	62,030	1/4	77,070	1/4	92,110	1/4	107,150	1/4	122,190	1/4	137,230	1/4	152,270	1/4	167,310	1/4	182,350	1/4	197,390	1/4	212,059
1/2	3,370	1/2	17,281	1/2	32,264	1/2	47,304	1/2	62,344	1/2	77,384	1/2	92,424	1/2	107,464	1/2	122,503	1/2	137,543	1/2	152,583	1/2	167,623	1/2	182,663	1/2	197,703	1/2	212,257
3/4	3,645	3/4	17,587	3/4	32,577	3/4	47,617	3/4	62,657	3/4	77,697	3/4	92,737	3/4	107,777	3/4	122,817	3/4	137,857	3/4	152,897	3/4	167,937	3/4	182,977	3/4	198,016	3/4	212,454
3	3,920	3	17,893	3	32,891	3	47,930	3	62,970	3	78,010	3	93,050	3	108,090	3	123,130	3	138,170	3	153,210	3	168,250	3	183,290	3	198,330	3	212,651
1/4	4,195	1/4	18,198	1/4	33,204	1/4	48,244	1/4	63,284	1/4	78,324	1/4	93,364	1/4	108,404	1/4	123,443	1/4	138,483	1/4	153,523	1/4	168,563	1/4	183,603	1/4	198,643	1/4	212,848
1/2	4,471	1/2	18,504	1/2	33,517	1/2	48,557	1/2	63,597	1/2	78,637	1/2	93,677	1/2	108,717	1/2	123,757	1/2	138,797	1/2	153,837	1/2	168,877	1/2	183,917	1/2	198,956	1/2	212,999
3/4	4,746	3/4	18,810	3/4	33,831	3/4	48,870	3/4	63,910	3/4	78,950	3/4	93,990	3/4	109,030	3/4	124,070	3/4	139,110	3/4	154,150	3/4	169,190	3/4	184,230	3/4	199,270	3/4	213,150
4	5,026	4	19,121	4	34,144	4	49,184	4	64,224	4	79,264	4	94,304	4	109,344	4	124,383	4	139,423	4	154,463	4	169,503	4	184,543	4	199,583	4	213,301
1/4	5,306	1/4	19,432	1/4	34,457	1/4	49,497	1/4	64,537	1/4	79,577	1/4	94,617	1/4	109,657	1/4	124,697	1/4	139,737	1/4	154,777	1/4	169,817	1/4	184,857	1/4	199,896	1/4	213,452
1/2	5,586	1/2	19,743	1/2	34,771	1/2	49,810	1/2	64,850	1/2	79,890	1/2	94,930	1/2	109,970	1/2	125,010	1/2	140,050	1/2	155,090	1/2	170,130	1/2	185,170	1/2	200,210	1/2	213,556
3/4	5,867	3/4	20,054	3/4	35,084	3/4	50,124	3/4	65,164	3/4	80,204	3/4	95,244	3/4	110,284	3/4	125,323	3/4	140,363	3/4	155,403	3/4	170,443	3/4	185,483	3/4	200,523	3/4	213,661
5	6,147	5	20,364	5	35,397	5	50,437	5	65,477	5	80,517	5	95,557	5	110,597	5	125,637	5	140,677	5	155,717	5	170,757	5	185,797	5	200,836	5	213,765
1/4	6,427	1/4	20,675	1/4	35,711	1/4	50,750	1/4	65,790	1/4	80,830	1/4	95,870	1/4	110,910	1/4	125,950	1/4	140,990	1/4	156,030	1/4	171,070	1/4	186,110	1/4	201,150	1/4	213,869
1/2	6,707	1/2	20,986	1/2	36,024	1/2	51,064	1/2	66,104	1/2	81,144	1/2	96,184	1/2	111,224	1/2	126,263	1/2	141,303	1/2	156,343	1/2	171,383	1/2	186,423	1/2	201,463	1/2	213,927
3/4	6,987	3/4	21,297	3/4	36,337	3/4	51,377	3/4	66,417	3/4	81,457	3/4	96,497	3/4	111,537	3/4	126,577	3/4	141,617	3/4	156,657	3/4	171,697	3/4	186,737	3/4	201,776	3/4	213,985
6	7,273	6	21,611	6	36,651	6	51,690	6	66,730	6	81,770	6	96,810	6	111,850	6	126,890	6	141,930	6	156,970	6	172,010	6	187,050	6	202,090	6	214,043
1/4	7,558	1/4	21,924	1/4	36,964	1/4	52,004	1/4	67,044	1/4	82,084	1/4	97,124	1/4	112,164	1/4	127,203	1/4	142,243	1/4	157,283	1/4	172,323	1/4	187,363	1/4	202,403	1/4	214,101
1/2	7,843	1/2	22,237	1/2	37,277	1/2	52,317	1/2	67,357	1/2	82,397	1/2	97,437	1/2	112,477	1/2	127,517	1/2	142,557	1/2	157,597	1/2	172,637	1/2	187,677	1/2	202,716	1/2	214,118
3/4	8,129	3/4	22,551	3/4	37,591	3/4	52,630	3/4	67,670	3/4	82,710	3/4	97,750	3/4	112,790	3/4	127,830	3/4	142,870	3/4	157,910	3/4	172,950	3/4	187,990	3/4	203,030	3/4	214,135
7	8,414	7	22,864	7	37,904	7	52,944	7	67,984	7	83,024	7	98,064	7	113,104	7	128,143	7	143,183	7	158,223	7	173,263	7	188,303	7	203,343	7	214,153
1/4	8,700	1/4	23,177	1/4	38,217	1/4	53,257	1/4	68,297	1/4	83,337	1/4	98,377	1/4	113,417	1/4	128,457	1/4	143,497	1/4	158,537	1/4	173,577	1/4	188,617	1/4	203,656	1/4	
1/2	8,985	1/2	23,491	1/2	38,531	1/2	53,570	1/2	68,610	1/2	83,650	1/2	98,690	1/2	113,730	1/2	128,770	1/2	143,810	1/2	158,850	1/2	173,890	1/2	188,930	1/2	203,970	1/2	
3/4	9,270	3/4	23,804	3/4	38,844	3/4	53,884	3/4	68,924	3/4	83,964	3/4	99,004	3/4	114,044	3/4	129,083	3/4	144,123	3/4	159,163	3/4	174,203	3/4	189,243	3/4	204,283	3/4	
8	9,561	8	24,117	8	39,157	8	54,197	8	69,237	8	84,277	8	99,317	8	114,357	8	129,397	8	144,437	8	159,477	8	174,517	8	189,557	8	204,596	8	
1/4	9,851	1/4	24,431	1/4	39,471	1/4	54,510	1/4	69,550	1/4	84,590	1/4	99,630	1/4	114,670	1/4	129,710	1/4	144,750	1/4	159,790	1/4	174,830	1/4	189,870	1/4	204,910	1/4	
1/2	10,142	1/2	24,744	1/2	39,784	1/2	54,824	1/2	69,864	1/2	84,904	1/2	99,944	1/2	114,984	1/2	130,023	1/2	145,063	1/2	160,103	1/2	175,143	1/2	190,183	1/2	205,223	1/2	
3/4	10,432	3/4	25,057	3/4	40,097	3/4	55,137	3/4	70,177	3/4	85,217	3/4	100,257	3/4	115,297	3/4	130,337	3/4	145,377	3/4	160,417	3/4	175,457	3/4	190,497	3/4	205,536	3/4	
9	10,722	9	25,371	9	40,411	9	55,450	9	70,490	9	85,530	9	100,570	9	115,610	9	130,650	9	145,690	9	160,730	9	175,770	9	190,810	9	205,850	9	
1/4	11,013	1/4	25,684	1/4	40,724	1/4	55,764	1/4	70,804	1/4	85,844	1/4	100,884	1/4	115,924	1/4	130,963	1/4	146,003	1/4	161,043	1/4	176,083	1/4	191,123	1/4	206,163	1/4	
1/2	11,303	1/2	25,997	1/2	41,037	1/2	56,077	1/2	71,117	1/2	86,157	1/2	101,197	1/2	116,237	1/2	131,277	1/2	146,317	1/2	161,357	1/2	176,397	1/2	191,437	1/2	206,476	1/2	
3/4	11,594	3/4	26,311	3/4	41,350	3/4	56,390	3/4	71,430	3/4	86,470	3/4	101,510	3/4	116,550	3/4	131,590	3/4	146,630	3/4	161,670	3/4	176,710	3/4	191,750	3/4	206,790	3/4	
10	11,889	10	26,624	10	41,664	10	56,704	10	71,744	10	86,784	10	101,824	10	116,864	10	131,903	10	146,943	10	161,983	10	177,023	10	192,063	10	207,103	10	
1/4	12,185	1/4	26,937	1/4	41,977	1/4	57,017	1/4	72,057	1/4	87,097	1/4	102,137	1/4	117,177	1/4	132,217	1/4	147,257	1/4	162,297	1/4	177,337	1/4	192,377	1/4	207,416	1/4	
1/2	12,480	1/2	27,251	1/2	42,290	1/2	57,330	1/2	72,370	1/2	87,410	1/2	102,450	1/2	117,490	1/2	132,530	1/2	147,570	1/2	162,610	1/2	177,650	1/2	192,690	1/2	207,730	1/2	
3/4	12,776	3/4	27,564	3/4	42,604	3/4	57,644	3/4	72,684	3/4	87,724	3/4	102,764	3/4	117,804	3/4	132,843	3/4	147,883	3/4	162,923	3/4	177,963	3/4	193,003	3/4	208,043	3/4	
11	13,072	11	27,877	11	42,917	11	57,957	11	72,997	11	88,037	11	103,077	11	118,117	11	133,157	11	148,197	11	163,237	11	178,277	11	193,317	11	208,356	11	
1/4	13,367	1/4	28,191	1/4	43,230	1/4	58,270	1/4	73,310	1/4	88,350	1/4	103,390	1/4	118,430	1/4	133,470	1/4	148,510	1/4	163,550	1/4	178,590	1/4	193,630	1/4	208,670	1/4	
1/2	13,663	1/2	28,504	1/2	43,544	1/2	58,584	1/2	73,624	1/2	88,664	1/2	103,704	1/2	118,743	1/2	133,783	1/2	148,823	1/2	163,863	1/2	178,903	1/2	193,943	1/2	208,983	1/2	
3/4	13,958	3/4	28,817	3/4	43,857	3/4	58,897	3/4	73,937	3/4	88,977	3/4	104,017	3/4	119,057	3/4	134,097	3/4	149,137	3/4	164,177	3/4	179,217	3/4	194,257	3/4	209,296	3/4	

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FORM 1/4L15W REV #2 7/98

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "HFL-405"
HINES FURLONG LINE

INNAGE TABLE

2 PORT

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 4595

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	* 942	0	15,719	0	30,812	0	45,905	0	60,998	0	76,090	0	91,183	0	106,276	0	121,369	0	136,462	0	151,554	0	166,647	0	181,740	0	196,833	0	211,817
1/4	1,166	1/4	16,034	1/4	31,126	1/4	46,219	1/4	61,312	1/4	76,405	1/4	91,498	1/4	106,590	1/4	121,683	1/4	136,776	1/4	151,869	1/4	166,962	1/4	182,054	1/4	197,147	1/4	212,129
1/2	1,391	1/2	16,348	1/2	31,441	1/2	46,534	1/2	61,626	1/2	76,719	1/2	91,812	1/2	106,905	1/2	121,998	1/2	137,090	1/2	152,183	1/2	167,276	1/2	182,369	1/2	197,462	1/2	212,418
3/4	1,615	3/4	16,663	3/4	31,755	3/4	46,848	3/4	61,941	3/4	77,034	3/4	92,126	3/4	107,219	3/4	122,312	3/4	137,405	3/4	152,498	3/4	167,590	3/4	182,683	3/4	197,776	3/4	212,706
1	1,907	1	16,977	1	32,070	1	47,163	1	62,255	1	77,348	1	92,441	1	107,534	1	122,626	1	137,719	1	152,812	1	167,905	1	182,998	1	198,088	1	212,995
1/4	2,199	1/4	17,291	1/4	32,384	1/4	47,477	1/4	62,570	1/4	77,663	1/4	92,755	1/4	107,848	1/4	122,941	1/4	138,034	1/4	153,126	1/4	168,219	1/4	183,312	1/4	198,400	1/4	213,284
1/2	2,513	1/2	17,606	1/2	32,699	1/2	47,791	1/2	62,884	1/2	77,977	1/2	93,070	1/2	108,163	1/2	123,255	1/2	138,348	1/2	153,441	1/2	168,534	1/2	183,626	1/2	198,712	1/2	213,528
3/4	2,828	3/4	17,920	3/4	33,013	3/4	48,106	3/4	63,199	3/4	78,291	3/4	93,384	3/4	108,477	3/4	123,570	3/4	138,663	3/4	153,755	3/4	168,848	3/4	183,941	3/4	199,024	3/4	213,772
2	3,142	2	18,235	2	33,328	2	48,420	2	63,513	2	78,606	2	93,699	2	108,791	2	123,884	2	138,977	2	154,070	2	169,163	2	184,255	2	199,336	2	214,017
1/4	3,456	1/4	18,549	1/4	33,642	1/4	48,735	1/4	63,828	1/4	78,920	1/4	94,013	1/4	109,106	1/4	124,199	1/4	139,291	1/4	154,384	1/4	169,477	1/4	184,570	1/4	199,648	1/4	214,261
1/2	3,771	1/2	18,864	1/2	33,956	1/2	49,049	1/2	64,142	1/2	79,235	1/2	94,328	1/2	109,420	1/2	124,513	1/2	139,606	1/2	154,699	1/2	169,791	1/2	184,884	1/2	199,960	1/2	214,459
3/4	4,085	3/4	19,178	3/4	34,271	3/4	49,364	3/4	64,456	3/4	79,549	3/4	94,642	3/4	109,735	3/4	124,828	3/4	139,920	3/4	155,013	3/4	170,106	3/4	185,199	3/4	200,272	3/4	214,657
3	4,400	3	19,492	3	34,585	3	49,678	3	64,771	3	79,864	3	94,956	3	110,049	3	125,142	3	140,235	3	155,328	3	170,420	3	185,513	3	200,584	3	214,854
1/4	4,714	1/4	19,807	1/4	34,900	1/4	49,992	1/4	65,085	1/4	80,178	1/4	95,271	1/4	110,364	1/4	125,456	1/4	140,549	1/4	155,642	1/4	170,735	1/4	185,828	1/4	200,896	1/4	215,052
1/2	5,029	1/2	20,121	1/2	35,214	1/2	50,307	1/2	65,400	1/2	80,492	1/2	95,585	1/2	110,678	1/2	125,771	1/2	140,864	1/2	155,956	1/2	171,049	1/2	186,142	1/2	201,208	1/2	215,203
3/4	5,343	3/4	20,436	3/4	35,529	3/4	50,621	3/4	65,714	3/4	80,807	3/4	95,900	3/4	110,992	3/4	126,085	3/4	141,178	3/4	156,271	3/4	171,364	3/4	186,456	3/4	201,520	3/4	215,354
4	5,657	4	20,750	4	35,843	4	50,936	4	66,029	4	81,121	4	96,214	4	111,307	4	126,400	4	141,492	4	156,585	4	171,678	4	186,771	4	201,832	4	215,506
1/4	5,972	1/4	21,065	1/4	36,157	1/4	51,250	1/4	66,343	1/4	81,436	1/4	96,529	1/4	111,621	1/4	126,714	1/4	141,807	1/4	156,900	1/4	171,992	1/4	187,085	1/4	202,144	1/4	215,657
1/2	6,286	1/2	21,379	1/2	36,472	1/2	51,565	1/2	66,657	1/2	81,750	1/2	96,843	1/2	111,936	1/2	127,029	1/2	142,121	1/2	157,214	1/2	172,307	1/2	187,400	1/2	202,456	1/2	215,761
3/4	6,601	3/4	21,693	3/4	36,786	3/4	51,879	3/4	66,972	3/4	82,065	3/4	97,157	3/4	112,250	3/4	127,343	3/4	142,436	3/4	157,529	3/4	172,621	3/4	187,714	3/4	202,768	3/4	215,866
5	6,915	5	22,008	5	37,101	5	52,193	5	67,286	5	82,379	5	97,472	5	112,565	5	127,657	5	142,750	5	157,843	5	172,936	5	188,029	5	203,080	5	215,971
1/4	7,230	1/4	22,322	1/4	37,415	1/4	52,508	1/4	67,601	1/4	82,694	1/4	97,786	1/4	112,879	1/4	127,972	1/4	143,065	1/4	158,157	1/4	173,250	1/4	188,343	1/4	203,392	1/4	216,075
1/2	7,544	1/2	22,637	1/2	37,730	1/2	52,822	1/2	67,915	1/2	83,008	1/2	98,101	1/2	113,194	1/2	128,286	1/2	143,379	1/2	158,472	1/2	173,565	1/2	188,657	1/2	203,704	1/2	216,133
3/4	7,858	3/4	22,951	3/4	38,044	3/4	53,137	3/4	68,230	3/4	83,322	3/4	98,415	3/4	113,508	3/4	128,601	3/4	143,694	3/4	158,786	3/4	173,879	3/4	188,972	3/4	204,016	3/4	216,191
6	8,173	6	23,266	6	38,358	6	53,451	6	68,544	6	83,637	6	98,730	6	113,822	6	128,915	6	144,008	6	159,101	6	174,194	6	189,286	6	204,328	6	216,249
1/4	8,487	1/4	23,580	1/4	38,673	1/4	53,766	1/4	68,858	1/4	83,951	1/4	99,044	1/4	114,137	1/4	129,230	1/4	144,322	1/4	159,415	1/4	174,508	1/4	189,601	1/4	204,640	1/4	216,307
1/2	8,802	1/2	23,895	1/2	38,987	1/2	54,080	1/2	69,173	1/2	84,266	1/2	99,358	1/2	114,451	1/2	129,544	1/2	144,637	1/2	159,730	1/2	174,822	1/2	189,915	1/2	204,952	1/2	216,325
3/4	9,116	3/4	24,209	3/4	39,302	3/4	54,395	3/4	69,487	3/4	84,580	3/4	99,673	3/4	114,766	3/4	129,858	3/4	144,951	3/4	160,044	3/4	175,137	3/4	190,230	3/4	205,264	3/4	216,342
7	9,431	7	24,523	7	39,616	7	54,709	7	69,802	7	84,895	7	99,987	7	115,080	7	130,173	7	145,266	7	160,358	7	175,451	7	190,544	7	205,576	7	216,359
1/4	9,745	1/4	24,838	1/4	39,931	1/4	55,023	1/4	70,116	1/4	85,209	1/4	100,302	1/4	115,395	1/4	130,487	1/4	145,580	1/4	160,673	1/4	175,766	1/4	190,858	1/4	205,888	1/4	
1/2	10,059	1/2	25,152	1/2	40,245	1/2	55,338	1/2	70,431	1/2	85,523	1/2	100,616	1/2	115,709	1/2	130,802	1/2	145,895	1/2	160,987	1/2	176,080	1/2	191,173	1/2	206,200	1/2	
3/4	10,374	3/4	25,467	3/4	40,559	3/4	55,652	3/4	70,745	3/4	85,838	3/4	100,931	3/4	116,023	3/4	131,116	3/4	146,209	3/4	161,302	3/4	176,395	3/4	191,487	3/4	206,512	3/4	
8	10,688	8	25,781	8	40,874	8	55,967	8	71,059	8	86,152	8	101,245	8	116,338	8	131,431	8	146,523	8	161,616	8	176,709	8	191,802	8	206,824	8	
1/4	11,003	1/4	26,096	1/4	41,188	1/4	56,281	1/4	71,374	1/4	86,467	1/4	101,559	1/4	116,652	1/4	131,745	1/4	146,838	1/4	161,931	1/4	177,023	1/4	192,116	1/4	207,136	1/4	
1/2	11,317	1/2	26,410	1/2	41,503	1/2	56,596	1/2	71,688	1/2	86,781	1/2	101,874	1/2	116,967	1/2	132,059	1/2	147,152	1/2	162,245	1/2	177,338	1/2	192,431	1/2	207,449	1/2	
3/4	11,632	3/4	26,724	3/4	41,817	3/4	56,910	3/4	72,003	3/4	87,096	3/4	102,188	3/4	117,281	3/4	132,374	3/4	147,467	3/4	162,559	3/4	177,652	3/4	192,745	3/4	207,761	3/4	
9	11,946	9	27,039	9	42,132	9	57,224	9	72,317	9	87,410	9	102,503	9	117,596	9	132,688	9	147,781	9	162,874	9	177,967	9	193,059	9	208,073	9	
1/4	12,261	1/4	27,353	1/4	42,446	1/4	57,539	1/4	72,632	1/4	87,724	1/4	102,817	1/4	117,910	1/4	133,003	1/4	148,096	1/4	163,188	1/4	178,281	1/4	193,374	1/4	208,385	1/4	
1/2	12,575	1/2	27,668	1/2	42,761	1/2	57,853	1/2	72,946	1/2	88,039	1/2	103,132	1/2	118,224	1/2	133,317	1/2	148,410	1/2	163,503	1/2	178,596	1/2	193,688	1/2	208,697	1/2	
3/4	12,889	3/4	27,982	3/4	43,075	3/4	58,168	3/4	73,261	3/4	88,353	3/4	103,446	3/4	118,539	3/4	133,632	3/4	148,724	3/4	163,817	3/4	178,910	3/4	194,003	3/4	209,009	3/4	
10	13,204	10	28,297	10	43,389	10	58,482	10	73,575	10	88,668	10	103,761	10	118,853	10	133,946	10	149,039	10	164,132	10	179,224	10	194,317	10	209,321	10	
1/4	13,518	1/4	28,611	1/4	43,704	1/4	58,797	1/4	73,889	1/4	88,982	1/4	104,075	1/4	119,168	1/4	134,261	1/4	149,353	1/4	164,446	1/4	179,539	1/4	194,632	1/4	209,633	1/4	
1/2	13,833	1/2	28,925	1/2	44,018	1/2	59,111	1/2	74,204	1/2	89,297	1/2	104,389	1/2	119,482	1/2	134,575	1/2	149,668	1/2	164,761	1/2	179,853	1/2	194,946	1/2	209,945	1/2	
3/4	14,147	3/4	29,240	3/4	44,333	3/4	59,425	3/4	74,518	3/4	89,611	3/4	104,704	3/4	119,797	3/4	134,889	3/4	149,982	3/4	165,075	3/4	180,168	3/4	195,261	3/4	210,257	3/4	
11	14,462	11	29,554	11	44,647	11	59,740	11	74,833	11	89,925	11	105,018	11	120,111	11	135,204	11	150,297	11	165,389	11	180,482	11	195,575	11	210,569	11	
1/4	14,776	1/4	29,869	1/4	44,962	1/4	60,054	1/4	75,147	1/4	90,240	1/4	105,333	1/4	120,425	1/4	135,518	1/4	150,611	1/4	165,704	1/4	180,797	1/4	195,889	1/4	210,881	1/4	
1/2	15,090	1/2	30,183	1/2	45,276	1/2	60,369	1/2	75,462	1/2	90,554	1/2	105,647	1/2	120,740	1/2	135,833	1/2	150,925	1/2	166,018	1/2	181,111	1/2	196,204	1/2	211,193	1/2	
3/4	15,405	3/4	30,498	3/4	45,590	3/4	60,683	3/4	75,776	3/4	90,869	3/4	105,962	3/4	121,054	3/4	136,147	3/4	151,240	3/4	166,333	3/4	181,425	3/4	196,518	3/4	211,505	3/4	

CAPACITIES GIVEN IN U.S. GALLONS

STRAPPED: 11/27/07

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 16'-4 1/2" (RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

INSPECTORATE AMERICA CORPORATION

FORM 1/4L15W REV #2 7/98

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "HFL-405"
HINES FURLONG LINE

INNAGE TABLE

2 STAR

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 4595

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	* 942	0	15,719	0	30,812	0	45,905	0	60,998	0	76,090	0	91,183	0	106,276	0	121,369	0	136,462	0	151,554	0	166,647	0	181,740	0	196,833	0	211,817
1/4	1,166	1/4	16,034	1/4	31,126	1/4	46,219	1/4	61,312	1/4	76,405	1/4	91,498	1/4	106,590	1/4	121,683	1/4	136,776	1/4	151,869	1/4	166,962	1/4	182,054	1/4	197,147	1/4	212,129
1/2	1,391	1/2	16,348	1/2	31,441	1/2	46,534	1/2	61,626	1/2	76,719	1/2	91,812	1/2	106,905	1/2	121,998	1/2	137,090	1/2	152,183	1/2	167,276	1/2	182,369	1/2	197,462	1/2	212,418
3/4	1,615	3/4	16,663	3/4	31,755	3/4	46,848	3/4	61,941	3/4	77,034	3/4	92,126	3/4	107,219	3/4	122,312	3/4	137,405	3/4	152,498	3/4	167,590	3/4	182,683	3/4	197,776	3/4	212,706
1	1,907	1	16,977	1	32,070	1	47,163	1	62,255	1	77,348	1	92,441	1	107,534	1	122,626	1	137,719	1	152,812	1	167,905	1	182,998	1	198,088	1	212,995
1/4	2,199	1/4	17,291	1/4	32,384	1/4	47,477	1/4	62,570	1/4	77,663	1/4	92,755	1/4	107,848	1/4	122,941	1/4	138,034	1/4	153,126	1/4	168,219	1/4	183,312	1/4	198,400	1/4	213,284
1/2	2,513	1/2	17,606	1/2	32,699	1/2	47,791	1/2	62,884	1/2	77,977	1/2	93,070	1/2	108,163	1/2	123,255	1/2	138,348	1/2	153,441	1/2	168,534	1/2	183,626	1/2	198,712	1/2	213,528
3/4	2,828	3/4	17,920	3/4	33,013	3/4	48,106	3/4	63,199	3/4	78,291	3/4	93,384	3/4	108,477	3/4	123,570	3/4	138,663	3/4	153,755	3/4	168,848	3/4	183,941	3/4	199,024	3/4	213,772
2	3,142	2	18,235	2	33,328	2	48,420	2	63,513	2	78,606	2	93,699	2	108,791	2	123,884	2	138,977	2	154,070	2	169,163	2	184,255	2	199,336	2	214,017
1/4	3,456	1/4	18,549	1/4	33,642	1/4	48,735	1/4	63,828	1/4	78,920	1/4	94,013	1/4	109,106	1/4	124,199	1/4	139,291	1/4	154,384	1/4	169,477	1/4	184,570	1/4	199,648	1/4	214,261
1/2	3,771	1/2	18,864	1/2	33,956	1/2	49,049	1/2	64,142	1/2	79,235	1/2	94,328	1/2	109,420	1/2	124,513	1/2	139,606	1/2	154,699	1/2	169,791	1/2	184,884	1/2	199,960	1/2	214,459
3/4	4,085	3/4	19,178	3/4	34,271	3/4	49,364	3/4	64,456	3/4	79,549	3/4	94,642	3/4	109,735	3/4	124,828	3/4	139,920	3/4	155,013	3/4	170,106	3/4	185,199	3/4	200,272	3/4	214,657
3	4,400	3	19,492	3	34,585	3	49,678	3	64,771	3	79,864	3	94,956	3	110,049	3	125,142	3	140,235	3	155,328	3	170,420	3	185,513	3	200,584	3	214,854
1/4	4,714	1/4	19,807	1/4	34,900	1/4	49,992	1/4	65,085	1/4	80,178	1/4	95,271	1/4	110,364	1/4	125,456	1/4	140,549	1/4	155,642	1/4	170,735	1/4	185,828	1/4	200,896	1/4	215,052
1/2	5,029	1/2	20,121	1/2	35,214	1/2	50,307	1/2	65,400	1/2	80,492	1/2	95,585	1/2	110,678	1/2	125,771	1/2	140,864	1/2	155,956	1/2	171,049	1/2	186,142	1/2	201,208	1/2	215,203
3/4	5,343	3/4	20,436	3/4	35,529	3/4	50,621	3/4	65,714	3/4	80,807	3/4	95,900	3/4	110,992	3/4	126,085	3/4	141,178	3/4	156,271	3/4	171,364	3/4	186,456	3/4	201,520	3/4	215,354
4	5,657	4	20,750	4	35,843	4	50,936	4	66,029	4	81,121	4	96,214	4	111,307	4	126,400	4	141,492	4	156,585	4	171,678	4	186,771	4	201,832	4	215,506
1/4	5,972	1/4	21,065	1/4	36,157	1/4	51,250	1/4	66,343	1/4	81,436	1/4	96,529	1/4	111,621	1/4	126,714	1/4	141,807	1/4	156,900	1/4	171,992	1/4	187,085	1/4	202,144	1/4	215,657
1/2	6,286	1/2	21,379	1/2	36,472	1/2	51,565	1/2	66,657	1/2	81,750	1/2	96,843	1/2	111,936	1/2	127,029	1/2	142,121	1/2	157,214	1/2	172,307	1/2	187,400	1/2	202,456	1/2	215,761
3/4	6,601	3/4	21,693	3/4	36,786	3/4	51,879	3/4	66,972	3/4	82,065	3/4	97,157	3/4	112,250	3/4	127,343	3/4	142,436	3/4	157,529	3/4	172,621	3/4	187,714	3/4	202,768	3/4	215,866
5	6,915	5	22,008	5	37,101	5	52,193	5	67,286	5	82,379	5	97,472	5	112,565	5	127,657	5	142,750	5	157,843	5	172,936	5	188,029	5	203,080	5	215,971
1/4	7,230	1/4	22,322	1/4	37,415	1/4	52,508	1/4	67,601	1/4	82,694	1/4	97,786	1/4	112,879	1/4	127,972	1/4	143,065	1/4	158,157	1/4	173,250	1/4	188,343	1/4	203,392	1/4	216,075
1/2	7,544	1/2	22,637	1/2	37,730	1/2	52,822	1/2	67,915	1/2	83,008	1/2	98,101	1/2	113,194	1/2	128,286	1/2	143,379	1/2	158,472	1/2	173,565	1/2	188,657	1/2	203,704	1/2	216,133
3/4	7,858	3/4	22,951	3/4	38,044	3/4	53,137	3/4	68,230	3/4	83,322	3/4	98,415	3/4	113,508	3/4	128,601	3/4	143,694	3/4	158,786	3/4	173,879	3/4	188,972	3/4	204,016	3/4	216,191
6	8,173	6	23,266	6	38,358	6	53,451	6	68,544	6	83,637	6	98,730	6	113,822	6	128,915	6	144,008	6	159,101	6	174,194	6	189,286	6	204,328	6	216,249
1/4	8,487	1/4	23,580	1/4	38,673	1/4	53,766	1/4	68,858	1/4	83,951	1/4	99,044	1/4	114,137	1/4	129,230	1/4	144,322	1/4	159,415	1/4	174,508	1/4	189,601	1/4	204,640	1/4	216,307
1/2	8,802	1/2	23,895	1/2	38,987	1/2	54,080	1/2	69,173	1/2	84,266	1/2	99,358	1/2	114,451	1/2	129,544	1/2	144,637	1/2	159,730	1/2	174,822	1/2	189,915	1/2	204,952	1/2	216,325
3/4	9,116	3/4	24,209	3/4	39,302	3/4	54,395	3/4	69,487	3/4	84,580	3/4	99,673	3/4	114,766	3/4	129,858	3/4	144,951	3/4	160,044	3/4	175,137	3/4	190,230	3/4	205,264	3/4	216,342
7	9,431	7	24,523	7	39,616	7	54,709	7	69,802	7	84,895	7	99,987	7	115,080	7	130,173	7	145,266	7	160,358	7	175,451	7	190,544	7	205,576	7	216,359
1/4	9,745	1/4	24,838	1/4	39,931	1/4	55,023	1/4	70,116	1/4	85,209	1/4	100,302	1/4	115,395	1/4	130,487	1/4	145,580	1/4	160,673	1/4	175,766	1/4	190,858	1/4	205,888	1/4	
1/2	10,059	1/2	25,152	1/2	40,245	1/2	55,338	1/2	70,431	1/2	85,523	1/2	100,616	1/2	115,709	1/2	130,802	1/2	145,895	1/2	160,987	1/2	176,080	1/2	191,173	1/2	206,200	1/2	
3/4	10,374	3/4	25,467	3/4	40,559	3/4	55,652	3/4	70,745	3/4	85,838	3/4	100,931	3/4	116,023	3/4	131,116	3/4	146,209	3/4	161,302	3/4	176,395	3/4	191,487	3/4	206,512	3/4	
8	10,688	8	25,781	8	40,874	8	55,967	8	71,059	8	86,152	8	101,245	8	116,338	8	131,431	8	146,523	8	161,616	8	176,709	8	191,802	8	206,824	8	
1/4	11,003	1/4	26,096	1/4	41,188	1/4	56,281	1/4	71,374	1/4	86,467	1/4	101,559	1/4	116,652	1/4	131,745	1/4	146,838	1/4	161,931	1/4	177,023	1/4	192,116	1/4	207,136	1/4	
1/2	11,317	1/2	26,410	1/2	41,503	1/2	56,596	1/2	71,688	1/2	86,781	1/2	101,874	1/2	116,967	1/2	132,059	1/2	147,152	1/2	162,245	1/2	177,338	1/2	192,431	1/2	207,449	1/2	
3/4	11,632	3/4	26,724	3/4	41,817	3/4	56,910	3/4	72,003	3/4	87,096	3/4	102,188	3/4	117,281	3/4	132,374	3/4	147,467	3/4	162,559	3/4	177,652	3/4	192,745	3/4	207,761	3/4	
9	11,946	9	27,039	9	42,132	9	57,224	9	72,317	9	87,410	9	102,503	9	117,596	9	132,688	9	147,781	9	162,874	9	177,967	9	193,059	9	208,073	9	
1/4	12,261	1/4	27,353	1/4	42,446	1/4	57,539	1/4	72,632	1/4	87,724	1/4	102,817	1/4	117,910	1/4	133,003	1/4	148,096	1/4	163,188	1/4	178,281	1/4	193,374	1/4	208,385	1/4	
1/2	12,575	1/2	27,668	1/2	42,761	1/2	57,853	1/2	72,946	1/2	88,039	1/2	103,132	1/2	118,224	1/2	133,317	1/2	148,410	1/2	163,503	1/2	178,596	1/2	193,688	1/2	208,697	1/2	
3/4	12,889	3/4	27,982	3/4	43,075	3/4	58,168	3/4	73,261	3/4	88,353	3/4	103,446	3/4	118,539	3/4	133,632	3/4	148,724	3/4	163,817	3/4	178,910	3/4	194,003	3/4	209,009	3/4	
10	13,204	10	28,297	10	43,389	10	58,482	10	73,575	10	88,668	10	103,761	10	118,853	10	133,946	10	149,039	10	164,132	10	179,224	10	194,317	10	209,321	10	
1/4	13,518	1/4	28,611	1/4	43,704	1/4	58,797	1/4	73,889	1/4	88,982	1/4	104,075	1/4	119,168	1/4	134,261	1/4	149,353	1/4	164,446	1/4	179,539	1/4	194,632	1/4	209,633	1/4	
1/2	13,833	1/2	28,925	1/2	44,018	1/2	59,111	1/2	74,204	1/2	89,297	1/2	104,389	1/2	119,482	1/2	134,575	1/2	149,668	1/2	164,761	1/2	179,853	1/2	194,946	1/2	209,945	1/2	
3/4	14,147	3/4	29,240	3/4	44,333	3/4	59,425	3/4	74,518	3/4	89,611	3/4	104,704	3/4	119,797	3/4	134,889	3/4	149,982	3/4	165,075	3/4	180,168	3/4	195,261	3/4	210,257	3/4	
11	14,462	11	29,554	11	44,647	11	59,740	11	74,833	11	89,925	11	105,018	11	120,111	11	135,204	11	150,297	11	165,389	11	180,482	11	195,575	11	210,569	11	
1/4	14,776	1/4	29,869	1/4	44,962	1/4	60,054	1/4	75,147	1/4	90,240	1/4	105,333	1/4	120,425	1/4	135,518	1/4	150,611	1/4	165,704	1/4	180,797	1/4	195,889	1/4	210,881	1/4	
1/2	15,090	1/2	30,183	1/2	45,276	1/2	60,369	1/2	75,462	1/2	90,554	1/2	105,647	1/2	120,740	1/2	135,833	1/2	150,925	1/2	166,018	1/2	181,111	1/2	196,204	1/2	211,193	1/2	
3/4	15,405	3/4	30,498	3/4	45,590	3/4	60,683	3/4	75,776	3/4	90,869	3/4	105,962	3/4	121,054	3/4	136,147	3/4	151,240	3/4	166,333	3/4	181,425	3/4	196,518	3/4	211,505	3/4	

CAPACITIES GIVEN IN U.S. GALLONS

STRAPPED: 11/27/07

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 16'-4 1/4" (RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

INSPECTORATE AMERICA CORPORATION

FORM 1/4L15W REV #2 7/98

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "HFL-405"
HINES FURLONG LINE

INNAGE TABLE

3 PORT

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 4595

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	* 937	0	15,661	0	30,687	0	45,674	0	60,700	0	75,727	0	90,753	0	105,780	0	120,807	0	135,833	0	149,849	0	160,303	0	170,741	0	181,179	0	191,618
1/4	1,161	1/4	15,974	1/4	30,999	1/4	45,987	1/4	61,013	1/4	76,040	1/4	91,067	1/4	106,093	1/4	121,120	1/4	136,146	1/4	150,071	1/4	160,520	1/4	170,959	1/4	181,397	1/4	191,835
1/2	1,384	1/2	16,287	1/2	31,311	1/2	46,300	1/2	61,326	1/2	76,353	1/2	91,380	1/2	106,406	1/2	121,433	1/2	136,459	1/2	150,294	1/2	160,738	1/2	171,176	1/2	181,614	1/2	192,036
3/4	1,608	3/4	16,600	3/4	31,623	3/4	46,613	3/4	61,639	3/4	76,666	3/4	91,693	3/4	106,719	3/4	121,746	3/4	136,772	3/4	150,517	3/4	160,955	3/4	171,393	3/4	181,832	3/4	192,238
1	1,899	1	16,914	1	31,935	1	46,926	1	61,952	1	76,979	1	92,006	1	107,032	1	122,059	1	137,085	1	150,734	1	161,173	1	171,611	1	182,049	1	192,439
1/4	2,190	1/4	17,227	1/4	32,247	1/4	47,239	1/4	62,266	1/4	77,292	1/4	92,319	1/4	107,345	1/4	122,372	1/4	137,399	1/4	150,952	1/4	161,390	1/4	171,828	1/4	182,267	1/4	192,640
1/2	2,503	1/2	17,540	1/2	32,559	1/2	47,552	1/2	62,579	1/2	77,605	1/2	92,632	1/2	107,658	1/2	122,685	1/2	137,712	1/2	151,169	1/2	161,608	1/2	172,046	1/2	182,484	1/2	192,809
3/4	2,816	3/4	17,854	3/4	32,871	3/4	47,865	3/4	62,892	3/4	77,918	3/4	92,945	3/4	107,971	3/4	122,998	3/4	138,025	3/4	151,387	3/4	161,825	3/4	172,263	3/4	182,702	3/4	192,979
2	3,129	2	18,167	2	33,183	2	48,178	2	63,205	2	78,231	2	93,258	2	108,284	2	123,311	2	138,338	2	151,604	2	162,043	2	172,481	2	182,919	2	193,148
1/4	3,443	1/4	18,480	1/4	33,495	1/4	48,491	1/4	63,518	1/4	78,544	1/4	93,571	1/4	108,598	1/4	123,624	1/4	138,651	1/4	151,822	1/4	162,260	1/4	172,698	1/4	183,136	1/4	193,317
1/2	3,756	1/2	18,793	1/2	33,807	1/2	48,804	1/2	63,831	1/2	78,857	1/2	93,884	1/2	108,911	1/2	123,937	1/2	138,964	1/2	152,039	1/2	162,477	1/2	172,916	1/2	183,354	1/2	193,454
3/4	4,069	3/4	19,107	3/4	34,119	3/4	49,117	3/4	64,144	3/4	79,170	3/4	94,197	3/4	109,224	3/4	124,250	3/4	139,277	3/4	152,257	3/4	162,695	3/4	173,133	3/4	183,571	3/4	193,590
3	4,383	3	19,420	3	34,431	3	49,430	3	64,457	3	79,484	3	94,510	3	109,537	3	124,563	3	139,590	3	152,474	3	162,912	3	173,351	3	183,789	3	193,727
1/4	4,696	1/4	19,733	1/4	34,743	1/4	49,743	1/4	64,770	1/4	79,797	1/4	94,823	1/4	109,850	1/4	124,876	1/4	139,903	1/4	152,692	1/4	163,130	1/4	173,568	1/4	184,006	1/4	193,864
1/2	5,009	1/2	20,047	1/2	35,055	1/2	50,056	1/2	65,083	1/2	80,110	1/2	95,136	1/2	110,163	1/2	125,189	1/2	140,216	1/2	152,909	1/2	163,347	1/2	173,786	1/2	184,224	1/2	193,969
3/4	5,322	3/4	20,360	3/4	35,367	3/4	50,369	3/4	65,396	3/4	80,423	3/4	95,449	3/4	110,476	3/4	125,502	3/4	140,529	3/4	153,127	3/4	163,565	3/4	174,003	3/4	184,441	3/4	194,073
4	5,636	4	20,673	4	35,679	4	50,683	4	65,709	4	80,736	4	95,762	4	110,789	4	125,816	4	140,842	4	153,344	4	163,782	4	174,220	4	184,659	4	194,178
1/4	5,949	1/4	20,986	1/4	35,991	1/4	50,996	1/4	66,022	1/4	81,049	1/4	96,075	1/4	111,102	1/4	126,129	1/4	141,155	1/4	153,562	1/4	164,000	1/4	174,438	1/4	184,876	1/4	194,283
1/2	6,262	1/2	21,300	1/2	36,303	1/2	51,309	1/2	66,335	1/2	81,362	1/2	96,388	1/2	111,415	1/2	126,442	1/2	141,468	1/2	153,779	1/2	164,217	1/2	174,655	1/2	185,094	1/2	194,355
3/4	6,576	3/4	21,613	3/4	36,615	3/4	51,622	3/4	66,648	3/4	81,675	3/4	96,701	3/4	111,728	3/4	126,755	3/4	141,781	3/4	153,996	3/4	164,435	3/4	174,873	3/4	185,311	3/4	194,427
5	6,889	5	21,926	5	36,928	5	51,935	5	66,961	5	81,988	5	97,015	5	112,041	5	127,068	5	142,094	5	154,214	5	164,652	5	175,090	5	185,529	5	194,500
1/4	7,202	1/4	22,239	1/4	37,240	1/4	52,248	1/4	67,274	1/4	82,301	1/4	97,328	1/4	112,354	1/4	127,381	1/4	142,407	1/4	154,431	1/4	164,870	1/4	175,308	1/4	185,746	1/4	194,572
1/2	7,515	1/2	22,553	1/2	37,552	1/2	52,561	1/2	67,587	1/2	82,614	1/2	97,641	1/2	112,667	1/2	127,694	1/2	142,720	1/2	154,649	1/2	165,087	1/2	175,525	1/2	185,963	1/2	194,612
3/4	7,829	3/4	22,866	3/4	37,864	3/4	52,874	3/4	67,901	3/4	82,927	3/4	97,954	3/4	112,980	3/4	128,007	3/4	143,033	3/4	154,866	3/4	165,305	3/4	175,743	3/4	186,181	3/4	194,652
6	8,142	6	23,179	6	38,176	6	53,187	6	68,214	6	83,240	6	98,267	6	113,293	6	128,320	6	143,347	6	155,084	6	165,522	6	175,960	6	186,398	6	194,692
1/4	8,455	1/4	23,493	1/4	38,488	1/4	53,500	1/4	68,527	1/4	83,553	1/4	98,580	1/4	113,606	1/4	128,633	1/4	143,653	1/4	155,301	1/4	165,739	1/4	176,178	1/4	186,616	1/4	194,733
1/2	8,768	1/2	23,806	1/2	38,800	1/2	53,813	1/2	68,840	1/2	83,866	1/2	98,893	1/2	113,919	1/2	128,946	1/2	143,960	1/2	155,519	1/2	165,957	1/2	176,395	1/2	186,833	1/2	194,745
3/4	9,082	3/4	24,119	3/4	39,112	3/4	54,126	3/4	69,153	3/4	84,179	3/4	99,206	3/4	114,233	3/4	129,259	3/4	144,266	3/4	155,736	3/4	166,174	3/4	176,613	3/4	187,051	3/4	194,756
7	9,395	7	24,432	7	39,424	7	54,439	7	69,466	7	84,492	7	99,519	7	114,546	7	129,572	7	144,573	7	155,954	7	166,392	7	176,830	7	187,268	7	194,768
1/4	9,708	1/4	24,746	1/4	39,736	1/4	54,752	1/4	69,779	1/4	84,805	1/4	99,832	1/4	114,859	1/4	129,885	1/4	144,865	1/4	156,171	1/4	166,609	1/4	177,048	1/4	187,486	1/4	
1/2	10,022	1/2	25,059	1/2	40,048	1/2	55,065	1/2	70,092	1/2	85,118	1/2	100,145	1/2	115,172	1/2	130,198	1/2	145,157	1/2	156,389	1/2	166,827	1/2	177,265	1/2	187,703	1/2	
3/4	10,335	3/4	25,372	3/4	40,360	3/4	55,378	3/4	70,405	3/4	85,432	3/4	100,458	3/4	115,485	3/4	130,511	3/4	145,450	3/4	156,606	3/4	167,044	3/4	177,482	3/4	187,921	3/4	
8	10,648	8	25,686	8	40,672	8	55,691	8	70,718	8	85,745	8	100,771	8	115,798	8	130,824	8	145,742	8	156,823	8	167,262	8	177,700	8	188,138	8	
1/4	10,961	1/4	25,999	1/4	40,984	1/4	56,004	1/4	71,031	1/4	86,058	1/4	101,084	1/4	116,111	1/4	131,137	1/4	146,020	1/4	157,041	1/4	167,479	1/4	177,917	1/4	188,356	1/4	
1/2	11,275	1/2	26,312	1/2	41,296	1/2	56,318	1/2	71,344	1/2	86,371	1/2	101,397	1/2	116,424	1/2	131,450	1/2	146,298	1/2	157,258	1/2	167,697	1/2	178,135	1/2	188,573	1/2	
3/4	11,588	3/4	26,625	3/4	41,608	3/4	56,631	3/4	71,657	3/4	86,684	3/4	101,710	3/4	116,737	3/4	131,764	3/4	146,576	3/4	157,476	3/4	167,914	3/4	178,352	3/4	188,791	3/4	
9	11,901	9	26,939	9	41,920	9	56,944	9	71,970	9	86,997	9	102,023	9	117,050	9	132,077	9	146,854	9	157,693	9	168,132	9	178,570	9	189,008	9	
1/4	12,215	1/4	27,252	1/4	42,232	1/4	57,257	1/4	72,283	1/4	87,310	1/4	102,336	1/4	117,363	1/4	132,390	1/4	147,118	1/4	157,911	1/4	168,349	1/4	178,787	1/4	189,225	1/4	
1/2	12,528	1/2	27,565	1/2	42,544	1/2	57,570	1/2	72,596	1/2	87,623	1/2	102,650	1/2	117,676	1/2	132,703	1/2	147,382	1/2	158,128	1/2	168,566	1/2	179,005	1/2	189,443	1/2	
3/4	12,841	3/4	27,879	3/4	42,856	3/4	57,883	3/4	72,909	3/4	87,936	3/4	102,963	3/4	117,989	3/4	133,016	3/4	147,645	3/4	158,346	3/4	168,784	3/4	179,222	3/4	189,660	3/4	
10	13,154	10	28,191	10	43,169	10	58,196	10	73,222	10	88,249	10	103,276	10	118,302	10	133,329	10	147,909	10	158,563	10	169,001	10	179,440	10	189,878	10	
1/4	13,468	1/4	28,503	1/4	43,482	1/4	58,509	1/4	73,535	1/4	88,562	1/4	103,589	1/4	118,615	1/4	133,642	1/4	148,159	1/4	158,781	1/4	169,219	1/4	179,657	1/4	190,095	1/4	
1/2	13,781	1/2	28,815	1/2	43,795	1/2	58,822	1/2	73,849	1/2	88,875	1/2	103,902	1/2	118,928	1/2	133,955	1/2	148,408	1/2	158,998	1/2	169,436	1/2	179,875	1/2	190,313	1/2	
3/4	14,094	3/4	29,127	3/4	44,108	3/4	59,135	3/4	74,162	3/4	89,188	3/4	104,215	3/4	119,241	3/4	134,268	3/4	148,658	3/4	159,216	3/4	169,654	3/4	180,092	3/4	190,530	3/4	
11	14,408	11	29,439	11	44,421	11	59,448	11	74,475	11	89,501	11	104,528	11	119,554	11	134,581	11	148,907	11	159,433	11	169,871	11	180,309	11	190,748	11	
1/4	14,721	1/4	29,751	1/4	44,735	1/4	59,761	1/4	74,788	1/4	89,814	1/4	104,841	1/4	119,867	1/4	134,894	1/4	149,143	1/4	159,650	1/4	170,089	1/4	180,527	1/4	190,965	1/4	
1/2	15,034	1/2	30,063	1/2	45,048	1/2	60,074	1/2	75,101	1/2	90,127	1/2	105,154	1/2	120,181	1/2	135,207	1/2	149,378	1/2	159,868	1/2	170,306	1/2	180,744	1/2	191,183	1/2	
3/4	15,347	3/4	30,375	3/4	45,361	3/4	60,387	3/4	75,414	3/4	90,440	3/4	105,467	3/4	120,494	3/4	135,520	3/4	149,613	3/4	160,085	3/4	170,524	3/4	180,962	3/4	191,400	3/4	

CAPACITIES GIVEN IN U.S. GALLONS

STRAPPED: 11/27/07

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 16'-4 1/4" (RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK)

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INSPECTORATE AMERICA CORPORATION

FORM 1/4L15W REV #2 7/98

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "HFL-405"
HINES FURLONG LINE

INNAGE TABLE

3 STAR

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 4595

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	* 937	0	15,661	0	30,687	0	45,674	0	60,700	0	75,727	0	90,753	0	105,780	0	120,807	0	135,833	0	149,849	0	160,303	0	170,741	0	181,179	0	191,618
1/4	1,161	1/4	15,974	1/4	30,999	1/4	45,987	1/4	61,013	1/4	76,040	1/4	91,067	1/4	106,093	1/4	121,120	1/4	136,146	1/4	150,071	1/4	160,520	1/4	170,959	1/4	181,397	1/4	191,835
1/2	1,384	1/2	16,287	1/2	31,311	1/2	46,300	1/2	61,326	1/2	76,353	1/2	91,380	1/2	106,406	1/2	121,433	1/2	136,459	1/2	150,294	1/2	160,738	1/2	171,176	1/2	181,614	1/2	192,036
3/4	1,608	3/4	16,600	3/4	31,623	3/4	46,613	3/4	61,639	3/4	76,666	3/4	91,693	3/4	106,719	3/4	121,746	3/4	136,772	3/4	150,517	3/4	160,955	3/4	171,393	3/4	181,832	3/4	192,238
1	1,899	1	16,914	1	31,935	1	46,926	1	61,952	1	76,979	1	92,006	1	107,032	1	122,059	1	137,085	1	150,734	1	161,173	1	171,611	1	182,049	1	192,439
1/4	2,190	1/4	17,227	1/4	32,247	1/4	47,239	1/4	62,266	1/4	77,292	1/4	92,319	1/4	107,345	1/4	122,372	1/4	137,399	1/4	150,952	1/4	161,390	1/4	171,828	1/4	182,267	1/4	192,640
1/2	2,503	1/2	17,540	1/2	32,559	1/2	47,552	1/2	62,579	1/2	77,605	1/2	92,632	1/2	107,658	1/2	122,685	1/2	137,712	1/2	151,169	1/2	161,608	1/2	172,046	1/2	182,484	1/2	192,809
3/4	2,816	3/4	17,854	3/4	32,871	3/4	47,865	3/4	62,892	3/4	77,918	3/4	92,945	3/4	107,971	3/4	122,998	3/4	138,025	3/4	151,387	3/4	161,825	3/4	172,263	3/4	182,702	3/4	192,979
2	3,129	2	18,167	2	33,183	2	48,178	2	63,205	2	78,231	2	93,258	2	108,284	2	123,311	2	138,338	2	151,604	2	162,043	2	172,481	2	182,919	2	193,148
1/4	3,443	1/4	18,480	1/4	33,495	1/4	48,491	1/4	63,518	1/4	78,544	1/4	93,571	1/4	108,598	1/4	123,624	1/4	138,651	1/4	151,822	1/4	162,260	1/4	172,698	1/4	183,136	1/4	193,317
1/2	3,756	1/2	18,793	1/2	33,807	1/2	48,804	1/2	63,831	1/2	78,857	1/2	93,884	1/2	108,911	1/2	123,937	1/2	138,964	1/2	152,039	1/2	162,477	1/2	172,916	1/2	183,354	1/2	193,454
3/4	4,069	3/4	19,107	3/4	34,119	3/4	49,117	3/4	64,144	3/4	79,170	3/4	94,197	3/4	109,224	3/4	124,250	3/4	139,277	3/4	152,257	3/4	162,695	3/4	173,133	3/4	183,571	3/4	193,590
3	4,383	3	19,420	3	34,431	3	49,430	3	64,457	3	79,484	3	94,510	3	109,537	3	124,563	3	139,590	3	152,474	3	162,912	3	173,351	3	183,789	3	193,727
1/4	4,696	1/4	19,733	1/4	34,743	1/4	49,743	1/4	64,770	1/4	79,797	1/4	94,823	1/4	109,850	1/4	124,876	1/4	139,903	1/4	152,692	1/4	163,130	1/4	173,568	1/4	184,006	1/4	193,864
1/2	5,009	1/2	20,047	1/2	35,055	1/2	50,056	1/2	65,083	1/2	80,110	1/2	95,136	1/2	110,163	1/2	125,189	1/2	140,216	1/2	152,909	1/2	163,347	1/2	173,786	1/2	184,224	1/2	193,969
3/4	5,322	3/4	20,360	3/4	35,367	3/4	50,369	3/4	65,396	3/4	80,423	3/4	95,449	3/4	110,476	3/4	125,502	3/4	140,529	3/4	153,127	3/4	163,565	3/4	174,003	3/4	184,441	3/4	194,073
4	5,636	4	20,673	4	35,679	4	50,683	4	65,709	4	80,736	4	95,762	4	110,789	4	125,816	4	140,842	4	153,344	4	163,782	4	174,220	4	184,659	4	194,178
1/4	5,949	1/4	20,986	1/4	35,991	1/4	50,996	1/4	66,022	1/4	81,049	1/4	96,075	1/4	111,102	1/4	126,129	1/4	141,155	1/4	153,562	1/4	164,000	1/4	174,438	1/4	184,876	1/4	194,283
1/2	6,262	1/2	21,300	1/2	36,303	1/2	51,309	1/2	66,335	1/2	81,362	1/2	96,388	1/2	111,415	1/2	126,442	1/2	141,468	1/2	153,779	1/2	164,217	1/2	174,655	1/2	185,094	1/2	194,355
3/4	6,576	3/4	21,613	3/4	36,615	3/4	51,622	3/4	66,648	3/4	81,675	3/4	96,701	3/4	111,728	3/4	126,755	3/4	141,781	3/4	153,996	3/4	164,435	3/4	174,873	3/4	185,311	3/4	194,427
5	6,889	5	21,926	5	36,928	5	51,935	5	66,961	5	81,988	5	97,015	5	112,041	5	127,068	5	142,094	5	154,214	5	164,652	5	175,090	5	185,529	5	194,500
1/4	7,202	1/4	22,239	1/4	37,240	1/4	52,248	1/4	67,274	1/4	82,301	1/4	97,328	1/4	112,354	1/4	127,381	1/4	142,407	1/4	154,431	1/4	164,870	1/4	175,308	1/4	185,746	1/4	194,572
1/2	7,515	1/2	22,553	1/2	37,552	1/2	52,561	1/2	67,587	1/2	82,614	1/2	97,641	1/2	112,667	1/2	127,694	1/2	142,720	1/2	154,649	1/2	165,087	1/2	175,525	1/2	185,963	1/2	194,612
3/4	7,829	3/4	22,866	3/4	37,864	3/4	52,874	3/4	67,901	3/4	82,927	3/4	97,954	3/4	112,980	3/4	128,007	3/4	143,033	3/4	154,866	3/4	165,305	3/4	175,743	3/4	186,181	3/4	194,652
6	8,142	6	23,179	6	38,176	6	53,187	6	68,214	6	83,240	6	98,267	6	113,293	6	128,320	6	143,347	6	155,084	6	165,522	6	175,960	6	186,398	6	194,692
1/4	8,455	1/4	23,493	1/4	38,488	1/4	53,500	1/4	68,527	1/4	83,553	1/4	98,580	1/4	113,606	1/4	128,633	1/4	143,653	1/4	155,301	1/4	165,739	1/4	176,178	1/4	186,616	1/4	194,733
1/2	8,768	1/2	23,806	1/2	38,800	1/2	53,813	1/2	68,840	1/2	83,866	1/2	98,893	1/2	113,919	1/2	128,946	1/2	143,960	1/2	155,519	1/2	165,957	1/2	176,395	1/2	186,833	1/2	194,745
3/4	9,082	3/4	24,119	3/4	39,112	3/4	54,126	3/4	69,153	3/4	84,179	3/4	99,206	3/4	114,233	3/4	129,259	3/4	144,266	3/4	155,736	3/4	166,174	3/4	176,613	3/4	187,051	3/4	194,756
7	9,395	7	24,432	7	39,424	7	54,439	7	69,466	7	84,492	7	99,519	7	114,546	7	129,572	7	144,573	7	155,954	7	166,392	7	176,830	7	187,268	7	194,768
1/4	9,708	1/4	24,746	1/4	39,736	1/4	54,752	1/4	69,779	1/4	84,805	1/4	99,832	1/4	114,859	1/4	129,885	1/4	144,865	1/4	156,171	1/4	166,609	1/4	177,048	1/4	187,486	1/4	
1/2	10,022	1/2	25,059	1/2	40,048	1/2	55,065	1/2	70,092	1/2	85,118	1/2	100,145	1/2	115,172	1/2	130,198	1/2	145,157	1/2	156,389	1/2	166,827	1/2	177,265	1/2	187,703	1/2	
3/4	10,335	3/4	25,372	3/4	40,360	3/4	55,378	3/4	70,405	3/4	85,432	3/4	100,458	3/4	115,485	3/4	130,511	3/4	145,450	3/4	156,606	3/4	167,044	3/4	177,482	3/4	187,921	3/4	
8	10,648	8	25,686	8	40,672	8	55,691	8	70,718	8	85,745	8	100,771	8	115,798	8	130,824	8	145,742	8	156,823	8	167,262	8	177,700	8	188,138	8	
1/4	10,961	1/4	25,999	1/4	40,984	1/4	56,004	1/4	71,031	1/4	86,058	1/4	101,084	1/4	116,111	1/4	131,137	1/4	146,020	1/4	157,041	1/4	167,479	1/4	177,917	1/4	188,356	1/4	
1/2	11,275	1/2	26,312	1/2	41,296	1/2	56,318	1/2	71,344	1/2	86,371	1/2	101,397	1/2	116,424	1/2	131,450	1/2	146,298	1/2	157,258	1/2	167,697	1/2	178,135	1/2	188,573	1/2	
3/4	11,588	3/4	26,625	3/4	41,608	3/4	56,631	3/4	71,657	3/4	86,684	3/4	101,710	3/4	116,737	3/4	131,764	3/4	146,576	3/4	157,476	3/4	167,914	3/4	178,352	3/4	188,791	3/4	
9	11,901	9	26,939	9	41,920	9	56,944	9	71,970	9	86,997	9	102,023	9	117,050	9	132,077	9	146,854	9	157,693	9	168,132	9	178,570	9	189,008	9	
1/4	12,215	1/4	27,252	1/4	42,232	1/4	57,257	1/4	72,283	1/4	87,310	1/4	102,336	1/4	117,363	1/4	132,390	1/4	147,118	1/4	157,911	1/4	168,349	1/4	178,787	1/4	189,225	1/4	
1/2	12,528	1/2	27,565	1/2	42,544	1/2	57,570	1/2	72,596	1/2	87,623	1/2	102,650	1/2	117,676	1/2	132,703	1/2	147,382	1/2	158,128	1/2	168,566	1/2	179,005	1/2	189,443	1/2	
3/4	12,841	3/4	27,879	3/4	42,856	3/4	57,883	3/4	72,909	3/4	87,936	3/4	102,963	3/4	117,989	3/4	133,016	3/4	147,645	3/4	158,346	3/4	168,784	3/4	179,222	3/4	189,660	3/4	
10	13,154	10	28,191	10	43,169	10	58,196	10	73,222	10	88,249	10	103,276	10	118,302	10	133,329	10	147,909	10	158,563	10	169,001	10	179,440	10	189,878	10	
1/4	13,468	1/4	28,503	1/4	43,482	1/4	58,509	1/4	73,535	1/4	88,562	1/4	103,589	1/4	118,615	1/4	133,642	1/4	148,159	1/4	158,781	1/4	169,219	1/4	179,657	1/4	190,095	1/4	
1/2	13,781	1/2	28,815	1/2	43,795	1/2	58,822	1/2	73,849	1/2	88,875	1/2	103,902	1/2	118,928	1/2	133,955	1/2	148,408	1/2	158,998	1/2	169,436	1/2	179,875	1/2	190,313	1/2	
3/4	14,094	3/4	29,127	3/4	44,108	3/4	59,135	3/4	74,162	3/4	89,188	3/4	104,215	3/4	119,241	3/4	134,268	3/4	148,658	3/4	159,216	3/4	169,654	3/4	180,092	3/4	190,530	3/4	
11	14,408	11	29,439	11	44,421	11	59,448	11	74,475	11	89,501	11	104,528	11	119,554	11	134,581	11	148,907	11	159,433	11	169,871	11	180,309	11	190,748	11	
1/4	14,721	1/4	29,751	1/4	44,735	1/4	59,761	1/4	74,788	1/4	89,814	1/4	104,841	1/4	119,867	1/4	134,894	1/4	149,143	1/4	159,650	1/4	170,089	1/4	180,527	1/4	190,965	1/4	
1/2	15,034	1/2	30,063	1/2	45,048	1/2	60,074	1/2	75,101	1/2	90,127	1/2	105,154	1/2	120,181	1/2	135,207	1/2	149,378	1/2	159,868	1/2	170,306	1/2	180,744	1/2	191,183	1/2	
3/4	15,347	3/4	30,375	3/4	45,361	3/4	60,387	3/4	75,414	3/4	90,440	3/4	105,467	3/4	120,494	3/4	135,520	3/4	149,613	3/4	160,085	3/4	170,524	3/4	180,962	3/4	191,400	3/4	

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INSPECTORATE AMERICA CORPORATION

FORM 1/4L15W REV #2 7/98

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "HFL-405"
HINES FURLONG LINE

OUTAGE TABLE

PORT SLOP TANK

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 4595

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		0		0		0	4,246	0	3,075	0	1,903	0	732	0		0		0		0		0		0		0		0	
1/4		1/4		1/4		1/4	4,222	1/4	3,050	1/4	1,879	1/4	708	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2	4,197	1/2	3,026	1/2	1,855	1/2	683	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4	4,173	3/4	3,002	3/4	1,830	3/4	659	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1		1		1		1	4,149	1	2,977	1	1,806	1	634	1		1		1		1		1		1		1		1	
1/4		1/4		1/4		1/4	4,124	1/4	2,953	1/4	1,781	1/4	610	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2	4,100	1/2	2,928	1/2	1,757	1/2	586	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4	4,075	3/4	2,904	3/4	1,733	3/4	561	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2		2		2		2	4,051	2	2,880	2	1,708	2	537	2		2		2		2		2		2		2		2	
1/4		1/4		1/4		1/4	4,026	1/4	2,855	1/4	1,684	1/4	512	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2	4,002	1/2	2,831	1/2	1,659	1/2	488	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	5,149	3/4	3,978	3/4	2,806	3/4	1,635	3/4	464	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3		3		3	5,125	3	3,953	3	2,782	3	1,611	3	439	3		3		3		3		3		3		3		3	
1/4		1/4		1/4	5,100	1/4	3,929	1/4	2,758	1/4	1,586	1/4	415	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	5,076	1/2	3,904	1/2	2,733	1/2	1,562	1/2	390	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	5,051	3/4	3,880	3/4	2,709	3/4	1,537	3/4	366	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4		4		4	5,027	4	3,856	4	2,684	4	1,513	4	342	4		4		4		4		4		4		4		4	
1/4		1/4		1/4	5,003	1/4	3,831	1/4	2,660	1/4	1,489	1/4	317	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,978	1/2	3,807	1/2	2,636	1/2	1,464	1/2	293	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,954	3/4	3,782	3/4	2,611	3/4	1,440	3/4	268	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5		5		5	4,929	5	3,758	5	2,587	5	1,415	5	244	5		5		5		5		5		5		5		5	
1/4		1/4		1/4	4,905	1/4	3,734	1/4	2,562	1/4	1,391	1/4	220	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,881	1/2	3,709	1/2	2,538	1/2	1,367	1/2	195	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,856	3/4	3,685	3/4	2,514	3/4	1,342	3/4	171	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6		6		6	4,832	6	3,660	6	2,489	6	1,318	6	146	6		6		6		6		6		6		6		6	
1/4		1/4		1/4	4,807	1/4	3,636	1/4	2,465	1/4	1,293	1/4	122	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,783	1/2	3,612	1/2	2,440	1/2	1,269	1/2	98	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,759	3/4	3,587	3/4	2,416	3/4	1,245	3/4	73	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7		7		7	4,734	7	3,563	7	2,391	7	1,220	7	49	7		7		7		7		7		7		7		7	
1/4		1/4		1/4	4,710	1/4	3,538	1/4	2,367	1/4	1,196	1/4	24	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,685	1/2	3,514	1/2	2,343	1/2	1,171	1/2	0	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,661	3/4	3,490	3/4	2,318	3/4	1,147	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8		8		8	4,637	8	3,465	8	2,294	8	1,123	8		8		8		8		8		8		8		8		8	
1/4		1/4		1/4	4,612	1/4	3,441	1/4	2,269	1/4	1,098	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,588	1/2	3,416	1/2	2,245	1/2	1,074	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,563	3/4	3,392	3/4	2,221	3/4	1,049	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9		9		9	4,539	9	3,368	9	2,196	9	1,025	9		9		9		9		9		9		9		9		9	
1/4		1/4		1/4	4,515	1/4	3,343	1/4	2,172	1/4	1,001	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,490	1/2	3,319	1/2	2,147	1/2	976	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,466	3/4	3,294	3/4	2,123	3/4	952	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10		10		10	4,441	10	3,270	10	2,099	10	927	10		10		10		10		10		10		10		10		10	
1/4		1/4		1/4	4,417	1/4	3,246	1/4	2,074	1/4	903	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,393	1/2	3,221	1/2	2,050	1/2	879	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,368	3/4	3,197	3/4	2,025	3/4	854	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11		11		11	4,344	11	3,172	11	2,001	11	830	11		11		11		11		11		11		11		11		11	
1/4		1/4		1/4	4,319	1/4	3,148	1/4	1,977	1/4	805	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,295	1/2	3,124	1/2	1,952	1/2	781	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,271	3/4	3,099	3/4	1,928	3/4	756	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CAPACITIES GIVEN IN U.S. GALLONS

STRAPPED: 11/2707

REFERENCE GAUGE HEIGHT : 6'-7 1/2" (RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

INSPECTORATE AMERICA CORPORATION

FORM 1/4L15W REV #2 7/98

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "HFL-405"
HINES FURLONG LINE

OUTAGE TABLE

STAR SLOP TANK

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 4595

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		0		0		0	4,271	0	3,099	0	1,928	0	756	0		0		0		0		0		0		0		0	
1/4		1/4		1/4		1/4	4,246	1/4	3,075	1/4	1,903	1/4	732	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2	4,222	1/2	3,050	1/2	1,879	1/2	708	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4	4,197	3/4	3,026	3/4	1,855	3/4	683	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1		1		1		1	4,173	1	3,002	1	1,830	1	659	1		1		1		1		1		1		1		1	
1/4		1/4		1/4		1/4	4,149	1/4	2,977	1/4	1,806	1/4	634	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2	4,124	1/2	2,953	1/2	1,781	1/2	610	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4	4,100	3/4	2,928	3/4	1,757	3/4	586	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2		2		2		2	4,075	2	2,904	2	1,733	2	561	2		2		2		2		2		2		2		2	
1/4		1/4		1/4		1/4	4,051	1/4	2,880	1/4	1,708	1/4	537	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2	4,026	1/2	2,855	1/2	1,684	1/2	512	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4	4,002	3/4	2,831	3/4	1,659	3/4	488	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3		3		3	5,149	3	3,978	3	2,806	3	1,635	3	464	3		3		3		3		3		3		3		3	
1/4		1/4		1/4	5,125	1/4	3,953	1/4	2,782	1/4	1,611	1/4	439	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	5,100	1/2	3,929	1/2	2,758	1/2	1,586	1/2	415	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	5,076	3/4	3,904	3/4	2,733	3/4	1,562	3/4	390	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4		4		4	5,051	4	3,880	4	2,709	4	1,537	4	366	4		4		4		4		4		4		4		4	
1/4		1/4		1/4	5,027	1/4	3,856	1/4	2,684	1/4	1,513	1/4	342	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	5,003	1/2	3,831	1/2	2,660	1/2	1,489	1/2	317	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,978	3/4	3,807	3/4	2,636	3/4	1,464	3/4	293	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5		5		5	4,954	5	3,782	5	2,611	5	1,440	5	268	5		5		5		5		5		5		5		5	
1/4		1/4		1/4	4,929	1/4	3,758	1/4	2,587	1/4	1,415	1/4	244	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,905	1/2	3,734	1/2	2,562	1/2	1,391	1/2	220	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,881	3/4	3,709	3/4	2,538	3/4	1,367	3/4	195	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6		6		6	4,856	6	3,685	6	2,514	6	1,342	6	171	6		6		6		6		6		6		6		6	
1/4		1/4		1/4	4,832	1/4	3,660	1/4	2,489	1/4	1,318	1/4	146	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,807	1/2	3,636	1/2	2,465	1/2	1,293	1/2	122	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,783	3/4	3,612	3/4	2,440	3/4	1,269	3/4	98	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7		7		7	4,759	7	3,587	7	2,416	7	1,245	7	73	7		7		7		7		7		7		7		7	
1/4		1/4		1/4	4,734	1/4	3,563	1/4	2,391	1/4	1,220	1/4	49	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,710	1/2	3,538	1/2	2,367	1/2	1,196	1/2	24	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,685	3/4	3,514	3/4	2,343	3/4	1,171	3/4	0	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8		8		8	4,661	8	3,490	8	2,318	8	1,147	8		8		8		8		8		8		8		8		8	
1/4		1/4		1/4	4,637	1/4	3,465	1/4	2,294	1/4	1,123	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,612	1/2	3,441	1/2	2,269	1/2	1,098	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,588	3/4	3,416	3/4	2,245	3/4	1,074	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9		9		9	4,563	9	3,392	9	2,221	9	1,049	9		9		9		9		9		9		9		9		9	
1/4		1/4		1/4	4,539	1/4	3,368	1/4	2,196	1/4	1,025	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,515	1/2	3,343	1/2	2,172	1/2	1,001	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,490	3/4	3,319	3/4	2,147	3/4	976	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10		10		10	4,466	10	3,294	10	2,123	10	952	10		10		10		10		10		10		10		10		10	
1/4		1/4		1/4	4,441	1/4	3,270	1/4	2,099	1/4	927	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,417	1/2	3,246	1/2	2,074	1/2	903	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,393	3/4	3,221	3/4	2,050	3/4	879	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11		11		11	4,368	11	3,197	11	2,025	11	854	11		11		11		11		11		11		11		11		11	
1/4		1/4		1/4	4,344	1/4	3,172	1/4	2,001	1/4	830	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,319	1/2	3,148	1/2	1,977	1/2	805	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,295	3/4	3,124	3/4	1,952	3/4	781	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CAPACITIES GIVEN IN U.S. GALLONS

STRAPPED: 11/2707

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INSPECTORATE AMERICA CORPORATION

FORM 1/4L15W REV #2 7/98

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "HFL-405"
HINES FURLONG LINE

INNAGE TABLE

PORT SLOP TANK

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 4595

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	0	0	1,171	0	2,343	0	3,514	0	4,685	0		0		0		0		0		0		0		0		0		0	
1/4	24	1/4	1,196	1/4	2,367	1/4	3,538	1/4	4,710	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	49	1/2	1,220	1/2	2,391	1/2	3,563	1/2	4,734	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	73	3/4	1,245	3/4	2,416	3/4	3,587	3/4	4,759	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	98	1	1,269	1	2,440	1	3,612	1	4,783	1		1		1		1		1		1		1		1		1		1	
1/4	122	1/4	1,293	1/4	2,465	1/4	3,636	1/4	4,807	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	146	1/2	1,318	1/2	2,489	1/2	3,660	1/2	4,832	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	171	3/4	1,342	3/4	2,514	3/4	3,685	3/4	4,856	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	195	2	1,367	2	2,538	2	3,709	2	4,881	2		2		2		2		2		2		2		2		2		2	
1/4	220	1/4	1,391	1/4	2,562	1/4	3,734	1/4	4,905	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	244	1/2	1,415	1/2	2,587	1/2	3,758	1/2	4,929	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	268	3/4	1,440	3/4	2,611	3/4	3,782	3/4	4,954	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	293	3	1,464	3	2,636	3	3,807	3	4,978	3		3		3		3		3		3		3		3		3		3	
1/4	317	1/4	1,489	1/4	2,660	1/4	3,831	1/4	5,003	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	342	1/2	1,513	1/2	2,684	1/2	3,856	1/2	5,027	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	366	3/4	1,537	3/4	2,709	3/4	3,880	3/4	5,051	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	390	4	1,562	4	2,733	4	3,904	4	5,076	4		4		4		4		4		4		4		4		4		4	
1/4	415	1/4	1,586	1/4	2,758	1/4	3,929	1/4	5,100	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	439	1/2	1,611	1/2	2,782	1/2	3,953	1/2	5,125	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	464	3/4	1,635	3/4	2,806	3/4	3,978	3/4	5,149	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	488	5	1,659	5	2,831	5	4,002	5		5		5		5		5		5		5		5		5		5		5	
1/4	512	1/4	1,684	1/4	2,855	1/4	4,026	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	537	1/2	1,708	1/2	2,880	1/2	4,051	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	561	3/4	1,733	3/4	2,904	3/4	4,075	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	586	6	1,757	6	2,928	6	4,100	6		6		6		6		6		6		6		6		6		6		6	
1/4	610	1/4	1,781	1/4	2,953	1/4	4,124	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	634	1/2	1,806	1/2	2,977	1/2	4,149	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	659	3/4	1,830	3/4	3,002	3/4	4,173	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	683	7	1,855	7	3,026	7	4,197	7		7		7		7		7		7		7		7		7		7		7	
1/4	708	1/4	1,879	1/4	3,050	1/4	4,222	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	732	1/2	1,903	1/2	3,075	1/2	4,246	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	756	3/4	1,928	3/4	3,099	3/4	4,271	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	781	8	1,952	8	3,124	8	4,295	8		8		8		8		8		8		8		8		8		8		8	
1/4	805	1/4	1,977	1/4	3,148	1/4	4,319	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	830	1/2	2,001	1/2	3,172	1/2	4,344	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	854	3/4	2,025	3/4	3,197	3/4	4,368	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	879	9	2,050	9	3,221	9	4,393	9		9		9		9		9		9		9		9		9		9		9	
1/4	903	1/4	2,074	1/4	3,246	1/4	4,417	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	927	1/2	2,099	1/2	3,270	1/2	4,441	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	952	3/4	2,123	3/4	3,294	3/4	4,466	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	976	10	2,147	10	3,319	10	4,490	10		10		10		10		10		10		10		10		10		10		10	
1/4	1,001	1/4	2,172	1/4	3,343	1/4	4,515	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,025	1/2	2,196	1/2	3,368	1/2	4,539	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,049	3/4	2,221	3/4	3,392	3/4	4,563	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	1,074	11	2,245	11	3,416	11	4,588	11		11		11		11		11		11		11		11		11		11		11	
1/4	1,098	1/4	2,269	1/4	3,441	1/4	4,612	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,123	1/2	2,294	1/2	3,465	1/2	4,637	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,147	3/4	2,318	3/4	3,490	3/4	4,661	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CAPACITIES GIVEN IN U.S. GALLONS

STRAPPED: 11/2707

REFERENCE GAUGE HEIGHT : 6'-7 1/2" (RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK)

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INSPECTORATE AMERICA CORPORATION

FORM 1/4L15W REV #2 7/98

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "HFL-405"
HINES FURLONG LINE

INNAGE TABLE

STAR SLOP TANK

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 4595

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	0	0	1,171	0	2,343	0	3,514	0	4,685	0		0		0		0		0		0		0		0		0		0	
1/4	24	1/4	1,196	1/4	2,367	1/4	3,538	1/4	4,710	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	49	1/2	1,220	1/2	2,391	1/2	3,563	1/2	4,734	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	73	3/4	1,245	3/4	2,416	3/4	3,587	3/4	4,759	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	98	1	1,269	1	2,440	1	3,612	1	4,783	1		1		1		1		1		1		1		1		1		1	
1/4	122	1/4	1,293	1/4	2,465	1/4	3,636	1/4	4,807	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	146	1/2	1,318	1/2	2,489	1/2	3,660	1/2	4,832	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	171	3/4	1,342	3/4	2,514	3/4	3,685	3/4	4,856	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	195	2	1,367	2	2,538	2	3,709	2	4,881	2		2		2		2		2		2		2		2		2		2	
1/4	220	1/4	1,391	1/4	2,562	1/4	3,734	1/4	4,905	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	244	1/2	1,415	1/2	2,587	1/2	3,758	1/2	4,929	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	268	3/4	1,440	3/4	2,611	3/4	3,782	3/4	4,954	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	293	3	1,464	3	2,636	3	3,807	3	4,978	3		3		3		3		3		3		3		3		3		3	
1/4	317	1/4	1,489	1/4	2,660	1/4	3,831	1/4	5,003	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	342	1/2	1,513	1/2	2,684	1/2	3,856	1/2	5,027	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	366	3/4	1,537	3/4	2,709	3/4	3,880	3/4	5,051	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	390	4	1,562	4	2,733	4	3,904	4	5,076	4		4		4		4		4		4		4		4		4		4	
1/4	415	1/4	1,586	1/4	2,758	1/4	3,929	1/4	5,100	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	439	1/2	1,611	1/2	2,782	1/2	3,953	1/2	5,125	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	464	3/4	1,635	3/4	2,806	3/4	3,978	3/4	5,149	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	488	5	1,659	5	2,831	5	4,002	5		5		5		5		5		5		5		5		5		5		5	
1/4	512	1/4	1,684	1/4	2,855	1/4	4,026	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	537	1/2	1,708	1/2	2,880	1/2	4,051	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	561	3/4	1,733	3/4	2,904	3/4	4,075	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	586	6	1,757	6	2,928	6	4,100	6		6		6		6		6		6		6		6		6		6		6	
1/4	610	1/4	1,781	1/4	2,953	1/4	4,124	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	634	1/2	1,806	1/2	2,977	1/2	4,149	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	659	3/4	1,830	3/4	3,002	3/4	4,173	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	683	7	1,855	7	3,026	7	4,197	7		7		7		7		7		7		7		7		7		7		7	
1/4	708	1/4	1,879	1/4	3,050	1/4	4,222	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	732	1/2	1,903	1/2	3,075	1/2	4,246	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	756	3/4	1,928	3/4	3,099	3/4	4,271	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	781	8	1,952	8	3,124	8	4,295	8		8		8		8		8		8		8		8		8		8		8	
1/4	805	1/4	1,977	1/4	3,148	1/4	4,319	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	830	1/2	2,001	1/2	3,172	1/2	4,344	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	854	3/4	2,025	3/4	3,197	3/4	4,368	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	879	9	2,050	9	3,221	9	4,393	9		9		9		9		9		9		9		9		9		9		9	
1/4	903	1/4	2,074	1/4	3,246	1/4	4,417	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	927	1/2	2,099	1/2	3,270	1/2	4,441	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	952	3/4	2,123	3/4	3,294	3/4	4,466	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	976	10	2,147	10	3,319	10	4,490	10		10		10		10		10		10		10		10		10		10		10	
1/4	1,001	1/4	2,172	1/4	3,343	1/4	4,515	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,025	1/2	2,196	1/2	3,368	1/2	4,539	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,049	3/4	2,221	3/4	3,392	3/4	4,563	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	1,074	11	2,245	11	3,416	11	4,588	11		11		11		11		11		11		11		11		11		11		11	
1/4	1,098	1/4	2,269	1/4	3,441	1/4	4,612	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,123	1/2	2,294	1/2	3,465	1/2	4,637	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,147	3/4	2,318	3/4	3,490	3/4	4,661	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

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