



BARGE "HFL-601"
HINES FURLONG LINE
OUTAGE TABLE

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 4597

1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33
34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37
38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39
40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42
43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43
44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44
45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46
47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47
48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
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51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51
52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52
53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53
54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
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56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56
57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57
58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58
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62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63
64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64
65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65
66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66
67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67
68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69
70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70
71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71
72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73
74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74
75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76
77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77
78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78
79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79
80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80
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85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85
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87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87
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90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
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93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93
94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94
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96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97
98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98
99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

* CAPACITY BELOW STRIKE POINT
REFERENCE GAUGE HEIGHT: 16.4 1/2" (RM OF 7" 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

ISO 3002 ACCREDITED

BARGE "HFL-601"
HINES FURLONG LINE
OUTAGE TABLE

OUTAGE TABLE

HULL NO. 4597

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000
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- 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

Stuart

BARGE "HFL-601"
HINES FURLONG LINE
OUTAGE TABLE

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

HULL NO. 4597

STRAPECO - 12/17/07																															
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- CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 16'4 3/4" (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



ISO 9002 ACCREDITED

BARGE "HFL-601"
HINES FURLONG LINE

OUTAGE TABLE

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

HULL NO. 4597

	1	FT.	2	3	FT.	4	5	6	7	8	9	FT.	10	11	12	13	FT.	14	15	16	FT.	
0	249,840	14	249,840	14	234,682	0	217,285	0	199,790	0	182,322	0	164,854	0	147,385	0	129,817	0	112,449	0	94,981	0
1	249,719	14	249,719	14	234,320	0	216,895	0	199,456	0	181,953	0	164,490	0	147,022	0	129,553	0	112,085	0	94,617	0
2	249,597	14	249,597	14	233,959	0	216,531	0	199,082	0	181,594	0	164,126	0	146,658	0	129,189	0	111,721	0	94,253	0
3	249,473	14	249,473	14	233,598	0	216,167	0	198,698	0	181,230	0	163,762	0	146,304	0	128,792	0	111,357	0	93,889	0
4	249,348	14	249,348	14	233,237	0	215,803	0	198,335	0	180,866	0	163,398	0	145,950	0	128,462	0	110,993	0	93,525	0
5	249,224	14	249,224	14	232,876	0	215,439	0	197,971	0	180,502	0	163,034	0	145,593	0	128,127	0	110,638	0	93,161	0
6	249,100	14	249,100	14	232,515	0	215,075	0	197,607	0	180,138	0	162,670	0	145,234	0	127,792	0	110,283	0	92,797	0
7	248,976	14	248,976	14	232,154	0	214,711	0	197,243	0	179,775	0	162,306	0	144,878	0	127,456	0	109,931	0	92,433	0
8	248,852	14	248,852	14	231,793	0	214,347	0	196,879	0	179,411	0	161,942	0	144,524	0	127,118	0	109,576	0	92,069	0
9	248,728	14	248,728	14	231,432	0	213,983	0	196,515	0	178,637	0	161,578	0	144,170	0	126,782	0	109,174	0	91,705	0
10	248,604	14	248,604	14	231,071	0	213,619	0	196,151	0	178,263	0	161,215	0	143,816	0	126,438	0	108,810	0	91,341	0
11	248,480	14	248,480	14	230,709	0	213,255	0	195,787	0	177,895	0	160,851	0	143,462	0	126,094	0	108,456	0	90,978	0
12	248,356	14	248,356	14	230,348	0	212,891	0	195,423	0	177,525	0	160,487	0	143,108	0	125,750	0	108,102	0	90,614	0
13	248,232	14	248,232	14	229,987	0	212,527	0	195,059	0	177,159	0	160,123	0	142,754	0	125,406	0	107,748	0	90,250	0
14	248,108	14	248,108	14	229,626	0	212,164	0	194,695	0	176,791	0	159,759	0	142,401	0	125,062	0	107,394	0	89,886	0
15	247,984	14	247,984	14	229,265	0	211,800	0	194,331	0	176,423	0	159,395	0	142,047	0	124,718	0	107,040	0	89,522	0
16	247,860	14	247,860	14	228,904	0	211,436	0	193,967	0	176,055	0	159,031	0	141,693	0	124,364	0	106,686	0	89,158	0
17	247,736	14	247,736	14	228,543	0	211,072	0	193,603	0	175,687	0	158,667	0	141,339	0	124,010	0	106,332	0	88,794	0
18	247,612	14	247,612	14	228,182	0	210,708	0	193,240	0	175,319	0	158,303	0	140,971	0	123,652	0	105,986	0	88,430	0
19	247,488	14	247,488	14	227,821	0	210,344	0	192,876	0	174,967	0	157,939	0	140,615	0	123,300	0	105,632	0	88,076	0
20	247,364	14	247,364	14	227,460	0	209,982	0	191,476	0	173,516	0	157,575	0	140,259	0	122,948	0	105,278	0	87,722	0
21	247,240	14	247,240	14	227,099	0	209,626	0	191,120	0	173,162	0	157,211	0	139,973	0	122,593	0	104,923	0	87,368	0
22	247,116	14	247,116	14	226,740	0	209,270	0	190,764	0	172,808	0	156,847	0	139,619	0	122,239	0	104,569	0	87,014	0
23	246,992	14	246,992	14	226,383	0	208,916	0	190,408	0	172,454	0	156,482	0	139,265	0	121,885	0	104,215	0	86,660	0
24	246,868	14	246,868	14	226,026	0	208,560	0	190,052	0	172,100	0	156,126	0	138,911	0	121,531	0	103,861	0	86,306	0
25	246,744	14	246,744	14	225,669	0	208,204	0	189,696	0	171,746	0	155,769	0	138,557	0	121,177	0	103,507	0	85,952	0
26	246,620	14	246,620	14	225,313	0	207,850	0	189,340	0	171,392	0	155,413	0	138,203	0	120,823	0	103,153	0	85,598	0
27	246,496	14	246,496	14	224,957	0	207,494	0	188,984	0	171,038	0	155,057	0	137,849	0	120,469	0	102,799	0	85,244	0
28	246,372	14	246,372	14	224,601	0	207,138	0	188,628	0	170,684	0	154,701	0	137,495	0	120,115	0	102,445	0	84,890	0
29	246,248	14	246,248	14	224,245	0	206,782	0	188,272	0	170,330	0	154,345	0	137,141	0	119,761	0	102,091	0	84,536	0
30	246,124	14	246,124	14	223,889	0	206,426	0	187,916	0	170,000	0	153,989	0	136,787	0	119,407	0	101,707	0	84,182	0
31	246,000	14	246,000	14	223,533	0	206,070	0	187,560	0	169,650	0	153,633	0	136,433	0	119,053	0	101,353	0	83,828	0
32	245,876	14	245,876	14	223,177	0	205,714	0	187,204	0	169,294	0	153,277	0	136,079	0	118,699	0	101,000	0	83,474	0
33	245,752	14	245,752	14	222,821	0	205,358	0	186,848	0	168,938	0	152,921	0	135,725	0	118,345	0	100,646	0	83,120	0
34	245,628	14	245,628	14	222,465	0	205,002	0	186,492	0	168,582	0	152,565	0	135,371	0	117,991	0	100,292	0	82,766	0
35	245,504	14	245,504	14	222,109	0	204,646	0	186,136	0	168,226	0	152,209	0	135,017	0	117,637	0	99,938	0	82,412	0
36	245,380	14	245,380	14	221,753	0	204,290	0	185,780	0	167,870	0	151,853	0	134,663	0	117,283	0	99,584	0	82,058	0
37	245,256	14	245,256	14	221,397	0	203,934	0	185,424	0	167,514	0	151,497	0	134,309	0	116,929	0	99,230	0	81,704	0
38	245,132	14	245,132	14	221,041	0	203,578	0	185,068	0	167,158	0	151,141	0	133,955	0	116,575	0	98,876	0	81,350	0
39	245,008	14	245,008	14	220,685	0	203,222	0	184,712	0	166,802	0	150,785	0	133,601	0	116,221	0	98,522	0	80,996	0
40	244,884	14	244,884	14	220,329	0	202,866	0	184,356	0	166,446	0	150,429	0	133,247	0	115,867	0	98,168	0	80,642	0
41	244,760	14	244,760	14	220,000	0	202,510	0	184,000	0	166,090	0	150,073	0	132,893	0	115,513	0	97,814	0	80,288	0
42	244,636	14	244,636	14	219,644	0	202,154	0	183,644	0	165,734	0	149,717	0	132,539	0	115,159	0	97,460	0	79,934	0
43	244,512	14	244,512	14	219,288	0	201,798	0	183,288	0	165,378	0	149,361	0	132,185	0	114,805	0	97,106	0	79,580	0
44	244,388	14	244,388	14	218,932	0	201,442	0	182,932	0	165,022	0	149,005	0	131,831	0	114,451	0	96,752	0	79,226	0
45	244,264	14	244,264	14	218,576	0	201,086	0	182,576	0	164,666	0	148,649	0	131,477	0	114,097	0	96,398	0	78,872	0
46	244,140	14	244,140	14	218,220	0	200,730	0	182,220	0	164,310	0	148,293	0	131,123	0	113,743	0	96,044	0	78,518	0
47	244,016	14	244,016	14	217,864	0	200,374	0	181,864	0	163,954	0	147,937	0	130,769	0	113,389	0	95,690	0	78,164	0
48	243,892	14	243,892	14	217,508	0	200,018	0	181,508	0	163,598	0	147,581	0	130,415	0	113,035	0	95,336	0	77,810	0
49	243,768	14	243,768	14	217,152	0	199,662	0	181,152	0	163,242	0	147,225	0	130,061	0	112,681	0	94,982	0	77,456	0
50	243,644	14	243,644	14	216,796	0	199,306	0	180,796	0	162,886	0	146,869	0	129,707	0	112,327	0	94,628	0	77,102	0
51	243,520	14	243,520	14	216,440	0	199,000	0	180,440	0	162,530	0	146,513	0	129,353	0	111,973	0	94,274	0	76,748	0
52	243,396	14	243,396	14	216,084	0	198,644	0	180,084	0	162,174	0	146,157	0	129,000	0	111,619	0	93,920	0	76,394	0
53	243,272	14	243,272	14	215,728	0	198,288	0	179,728	0	161,818	0	145,801	0	128,646	0	111,265	0	93,566	0	76,040	0
54	243,148	14	243,148	14	215,372	0	197,932	0	179,372	0	161,462	0	145,445	0	128,292	0	110,911	0	93,212	0	75,686	0
55	243,024	14	243,024	14	215,016	0	197,576	0	179,016	0	161,106	0	145,089	0	127,938	0	110,557	0	92,858	0	75,332	0
56	242,900	14	242,900	14	214,660	0	197,220	0	178,660	0	160,750	0	144,733	0	127,584	0	110,203	0	92,504	0	74,978	0
57	242,776	14	242,776	14	214,304	0	196,864	0	178,304	0	160,394	0	144,377	0	127,230	0	109,849	0	92,150	0	74,624	0
58	242,652	14	242,652	14	213,948	0	196,508	0	177,948													

- CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 16'-4 3/4" (RIM OF 2" DIA. BALL VALVE LOCATED

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

BARGE "HFL-601"
HINES FURLONG LINE
OUTAGE TABLE

3 PORT

1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.	
N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M
1	227,702	1	216,281	1	203,482	1	190,742	1	178,003	1	165,264	1	152,525	1	140,786	1	129,047	1	117,308	1	105,569	1	93,830	1	82,091	1	70,352	1	58,613	1	46,874
2	227,675	1	216,256	1	203,457	1	190,717	1	177,978	1	165,239	1	152,499	1	140,760	1	129,021	1	117,282	1	105,543	1	93,804	1	82,065	1	70,326	1	58,584	1	46,845
3	227,649	1	216,230	1	203,431	1	190,691	1	177,952	1	165,213	1	152,473	1	140,734	1	128,995	1	117,256	1	105,517	1	93,778	1	82,039	1	70,299	1	58,558	1	46,819
4	227,623	1	216,204	1	203,405	1	190,665	1	177,926	1	165,187	1	152,447	1	140,708	1	128,969	1	117,230	1	105,491	1	93,752	1	82,013	1	70,273	1	58,532	1	46,793
5	227,597	1	216,178	1	203,379	1	190,639	1	177,900	1	165,161	1	152,421	1	140,682	1	128,943	1	117,204	1	105,465	1	93,726	1	81,987	1	70,247	1	58,506	1	46,767
6	227,571	1	216,152	1	203,353	1	190,613	1	177,878	1	165,135	1	152,395	1	140,656	1	128,917	1	117,178	1	105,439	1	93,700	1	81,961	1	70,221	1	58,480	1	46,741
7	227,545	1	216,126	1	203,327	1	190,587	1	177,852	1	165,109	1	152,369	1	140,630	1	128,891	1	117,152	1	105,413	1	93,674	1	81,935	1	70,195	1	58,454	1	46,715
8	227,519	1	216,100	1	203,301	1	190,561	1	177,826	1	165,083	1	152,343	1	140,604	1	128,865	1	117,126	1	105,387	1	93,648	1	81,909	1	70,169	1	58,428	1	46,689
9	227,493	1	216,074	1	203,275	1	190,535	1	177,800	1	165,057	1	152,317	1	140,578	1	128,839	1	117,100	1	105,361	1	93,622	1	81,883	1	70,143	1	58,402	1	46,663
10	227,467	1	216,048	1	203,249	1	190,509	1	177,774	1	165,031	1	152,291	1	140,552	1	128,813	1	117,074	1	105,335	1	93,596	1	81,857	1	70,117	1	58,376	1	46,637
11	227,441	1	216,022	1	203,223	1	190,483	1	177,748	1	165,005	1	152,265	1	140,526	1	128,787	1	117,048	1	105,309	1	93,570	1	81,831	1	70,091	1	58,350	1	46,611
12	227,415	1	215,996	1	203,197	1	190,457	1	177,722	1	164,979	1	152,239	1	140,500	1	128,761	1	117,022	1	105,283	1	93,544	1	81,805	1	70,065	1	58,324	1	46,585
13	227,389	1	215,970	1	203,171	1	190,431	1	177,696	1	164,953	1	152,213	1	140,474	1	128,735	1	116,996	1	105,257	1	93,518	1	81,779	1	70,039	1	58,298	1	46,559
14	227,363	1	215,944	1	203,145	1	190,405	1	177,670	1	164,927	1	152,187	1	140,448	1	128,709	1	116,970	1	105,231	1	93,492	1	81,753	1	69,999	1	58,272	1	46,533
15	227,337	1	215,919	1	203,119	1	190,379	1	177,644	1	164,901	1	152,161	1	140,422	1	128,683	1	116,944	1	105,205	1	93,466	1	81,727	1	69,973	1	58,246	1	46,507
16	227,311	1	215,893	1	203,093	1	190,353	1	177,618	1	164,875	1	152,135	1	140,396	1	128,657	1	116,918	1	105,179	1	93,440	1	81,701	1	69,947	1	58,220	1	46,481
17	227,285	1	215,867	1	203,067	1	190,327	1	177,592	1	164,849	1	152,109	1	140,370	1	128,631	1	116,892	1	105,153	1	93,414	1	81,675	1	69,921	1	58,194	1	46,455
18	227,259	1	215,841	1	203,041	1	190,301	1	177,566	1	164,823	1	152,083	1	140,344	1	128,605	1	116,866	1	105,127	1	93,388	1	81,649	1	69,895	1	58,168	1	46,429
19	227,233	1	215,815	1	203,015	1	190,275	1	177,540	1	164,797	1	152,057	1	140,318	1	128,579	1	116,840	1	105,101	1	93,362	1	81,623	1	69,869	1	58,142	1	46,403
20	227,207	1	215,789	1	202,989	1	190,249	1	177,514	1	164,771	1	152,031	1	140,292	1	128,553	1	116,814	1	105,075	1	93,336	1	81,597	1	69,843	1	58,116	1	46,377
21	227,181	1	215,763	1	202,963	1	190,223	1	177,488	1	164,745	1	152,005	1	140,266	1	128,527	1	116,788	1	105,049	1	93,310	1	81,571	1	69,817	1	58,090	1	46,351
22	227,155	1	215,737	1	202,937	1	190,197	1	177,462	1	164,719	1	151,979	1	140,240	1	128,501	1	116,762	1	105,023	1	93,284	1	81,545	1	69,791	1	58,064	1	46,325
23	227,129	1	215,711	1	202,911	1	190,171	1	177,436	1	164,693	1	151,953	1	140,214	1	128,475	1	116,736	1	104,997	1	93,258	1	81,519	1	69,765	1	58,038	1	46,299
24	227,103	1	215,685	1	202,885	1	190,145	1	177,410	1	164,667	1	151,927	1	140,188	1	128,449	1	116,710	1	104,971	1	93,232	1	81,493	1	69,739	1	58,012	1	46,273
25	227,077	1	215,659	1	202,859	1	190,119	1	177,384	1	164,641	1	151,901	1	140,162	1	128,423	1	116,684	1	104,945	1	93,206	1	81,467	1	69,713	1	57,986	1	46,247
26	227,051	1	215,633	1	202,833	1	190,093	1	177,358	1	164,615	1	151,875	1	140,136	1	128,397	1	116,658	1	104,919	1	93,180	1	81,441	1	69,687	1	57,960	1	46,221
27	227,025	1	215,607	1	202,807	1	190,067	1	177,332	1	164,589	1	151,849	1	140,110	1	128,371	1	116,632	1	104,893	1	93,154	1	81,415	1	69,661	1	57,934	1	46,195
28	226,999	1	215,581	1	202,781	1	190,041	1	177,306	1	164,563	1	151,823	1	140,084	1	128,345	1	116,606	1	104,867	1	93,128	1	81,389	1	69,635	1	57,908	1	46,169
29	226,973	1	215,555	1	202,755	1	190,015	1	177,280	1	164,537	1	151,797	1	140,058	1	128,319	1	116,580	1	104,841	1	93,102	1	81,363	1	69,609	1	57,882	1	46,143
30	226,947	1	215,529	1	202,729	1	189,989	1	177,254	1	164,511	1	151,771	1	140,032	1	128,293	1	116,554	1	104,815	1	93,076	1	81,337	1	69,583	1	57,856	1	46,117
31	226,921	1	215,503	1	202,703	1	189,963	1	177,228	1	164,485	1	151,745	1	140,006	1	128,267	1	116,528	1	104,789	1	93,050	1	81,311	1	69,557	1	57,830	1	46,091
32	226,895	1	215,477	1	202,677	1	189,937	1	177,202	1	164,459	1	151,719	1	139,980	1	128,241	1	116,502	1	104,763	1	93,024	1	81,285	1	69,531	1	57,804	1	46,065
33	226,869	1	215,451	1	202,651	1	189,911	1	177,176	1	164,433	1	151,693	1	139,954	1	128,215	1	116,476	1	104,737	1	92,998	1	81,259	1	69,505	1	57,778	1	46,039
34	226,843	1	215,425	1	202,625	1	189,885	1	177,150	1	164,407	1	151,667	1	139,928	1	128,189	1	116,450	1	104,711	1	92,972	1	81,233	1	69,479	1	57,752	1	46,013
35	226,817	1	215,399	1	202,599	1	189,859	1	177,124	1	164,381	1	151,641	1	139,902	1	128,163	1	116,424	1	104,685	1	92,946	1	81,207	1	69,453	1	57,726	1	45,987
36	226,791	1	215,373	1	202,573	1	189,833	1	177,098	1	164,355	1	151,615	1	139,876	1	128,137	1	116,398	1	104,659	1	92,920	1	81,181	1	69,427	1	57,700	1	45,961
37	226,765	1	215,347	1	202,547	1	189,807	1	177,072	1	164,329	1	151,589	1	139,850	1	128,111	1	116,372	1	104,633	1	92,894	1	81,155	1	69,401	1	57,674	1	45,935
38	226,739	1	215,321	1	202,521	1	189,781	1	177,046	1	164,303	1	151,563	1	139,824	1	128,085	1	116,346	1	104,607	1	92,868	1	81,129	1	69,375	1	57,648	1	45,909
39	226,713	1	215,295	1	202,495	1	189,755	1	177,020	1	164,277	1	151,537	1	139,798	1	128,059	1	116,320	1	104,581	1	92,842	1	81,103	1	69,349	1	57,622	1	45,883
40	226,687	1	215,269	1	202,469	1	189,729	1	176,994	1	164,251	1	151,511	1	139,772	1	128,033	1	116,294	1	104,555	1	92,816	1	81,077	1	69,323	1	57,596	1	45,857
41	226,661	1	215,243	1	202,443	1	189,703	1	176,968	1	164,225	1	151,485	1	139,746	1	128,007	1	116,268	1	104,529	1	92,790	1	81,051	1	69,297	1	57,570	1	45,831
42	226,635	1	215,217	1	202,417	1	189,677	1	176,942	1	164,199	1	151,459	1	139,720	1	127,981	1	116,242	1	104,503	1	92,764	1	81,025	1	69,27				

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

St. Louis

3 STAR

HULL NO. 4597

1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.	
N	1 FT.	N	2 FT.	N	3 FT.	N	4 FT.	N	5 FT.	N	6 FT.	N	7 FT.	N	8 FT.	N	9 FT.	N	10 FT.	N	11 FT.	N	12 FT.	N	13 FT.	N	14 FT.	N	15 FT.	N	16 FT.
1	0	227,879	0	216,752	0	204,013	0	191,273	0	178,534	0	164,193	0	146,793	0	129,937	0	111,999	0	94,601	0	77,303	0	59,905	0	42,407	0	25,010	0	7,612	0
2	14	227,881	14	216,847	14	204,047	14	191,008	14	178,433	14	164,331	14	146,833	14	129,935	14	112,537	14	95,139	14	77,841	14	59,943	14	42,405	14	25,008	14	7,610	14
3	28	227,893	28	216,912	28	204,082	28	191,068	28	178,502	28	164,386	28	146,888	28	129,972	28	112,574	28	95,176	28	77,882	28	59,985	28	42,407	28	25,010	28	7,612	28
4	42	227,905	42	216,974	42	204,146	42	191,129	42	178,564	42	164,448	42	146,950	42	130,034	42	112,636	42	95,238	42	77,944	42	60,007	42	42,409	42	25,012	42	7,614	42
5	56	227,917	56	217,036	56	204,208	56	191,191	56	178,626	56	164,510	56	147,012	56	130,096	56	112,698	56	95,300	56	78,004	56	60,069	56	42,411	56	25,014	56	7,616	56
6	70	227,929	70	217,097	70	204,270	70	191,253	70	178,688	70	164,572	70	147,074	70	130,158	70	112,760	70	95,362	70	78,066	70	60,131	70	42,413	70	25,016	70	7,618	70
7	84	227,941	84	217,158	84	204,332	84	191,315	84	178,750	84	164,634	84	147,136	84	130,220	84	112,822	84	95,424	84	78,128	84	60,193	84	42,415	84	25,018	84	7,620	84
8	98	227,953	98	217,219	98	204,394	98	191,377	98	178,812	98	164,696	98	147,198	98	130,282	98	112,884	98	95,486	98	78,190	98	60,255	98	42,417	98	25,020	98	7,622	98
9	112	227,965	112	217,280	112	204,456	112	191,439	112	178,874	112	164,758	112	147,260	112	130,344	112	112,946	112	95,548	112	78,252	112	60,317	112	42,419	112	25,022	112	7,624	112
10	126	227,977	126	217,341	126	204,518	126	191,501	126	178,936	126	164,820	126	147,322	126	130,406	126	113,008	126	95,610	126	78,314	126	60,379	126	42,421	126	25,024	126	7,626	126
11	140	227,989	140	217,402	140	204,580	140	191,563	140	179,000	140	164,882	140	147,384	140	130,468	140	113,070	140	95,672	140	78,376	140	60,441	140	42,423	140	25,026	140	7,628	140
12	154	227,999	154	217,463	154	204,642	154	191,625	154	179,062	154	164,944	154	147,446	154	130,530	154	113,132	154	95,734	154	78,438	154	60,503	154	42,425	154	25,028	154	7,630	154
13	168	228,009	168	217,524	168	204,704	168	191,687	168	179,124	168	165,006	168	147,508	168	130,602	168	113,194	168	95,796	168	78,499	168	60,565	168	42,427	168	25,030	168	7,632	168
14	182	228,019	182	217,585	182	204,766	182	191,749	182	179,186	182	165,068	182	147,570	182	130,664	182	113,256	182	95,858	182	78,561	182	60,627	182	42,429	182	25,032	182	7,634	182
15	196	228,029	196	217,646	196	204,828	196	191,811	196	179,228	196	165,130	196	147,632	196	130,726	196	113,318	196	95,920	196	78,623	196	60,689	196	42,431	196	25,034	196	7,636	196
16	210	228,039	210	217,707	210	204,890	210	191,873	210	179,289	210	165,192	210	147,694	210	130,788	210	113,380	210	95,982	210	78,685	210	60,751	210	42,433	210	25,036	210	7,638	210
17	224	228,049	224	217,768	224	204,952	224	191,935	224	179,350	224	165,254	224	147,756	224	130,850	224	113,442	224	96,044	224	78,747	224	60,813	224	42,435	224	25,038	224	7,640	224
18	238	228,059	238	217,829	238	205,014	238	192,000	238	179,411	238	165,316	238	147,818	238	130,912	238	113,504	238	96,106	238	78,809	238	60,875	238	42,437	238	25,040	238	7,642	238
19	252	228,069	252	217,890	252	205,076	252	192,062	252	179,473	252	165,378	252	147,880	252	130,974	252	113,566	252	96,168	252	78,871	252	60,937	252	42,439	252	25,042	252	7,644	252
20	266	228,079	266	217,951	266	205,138	266	192,124	266	179,535	266	165,440	266	147,942	266	131,036	266	113,628	266	96,230	266	78,933	266	61,000	266	42,441	266	25,044	266	7,646	266
21	280	228,089	280	218,012	280	205,200	280	192,186	280	179,597	280	165,502	280	148,004	280	131,098	280	113,690	280	96,292	280	78,995	280	61,062	280	42,443	280	25,046	280	7,648	280
22	294	228,099	294	218,073	294	205,262	294	192,248	294	179,659	294	165,564	294	148,066	294	131,160	294	113,752	294	96,354	294	79,057	294	61,124	294	42,445	294	25,048	294	7,650	294
23	308	228,109	308	218,134	308	205,324	308	192,310	308	179,721	308	165,626	308	148,128	308	131,222	308	113,814	308	96,416	308	79,119	308	61,186	308	42,447	308	25,050	308	7,652	308
24	322	228,119	322	218,195	322	205,386	322	192,372	322	179,783	322	165,688	322	148,190	322	131,284	322	113,876	322	96,478	322	79,181	322	61,248	322	42,449	322	25,052	322	7,654	322
25	336	228,129	336	218,256	336	205,448	336	192,434	336	179,845	336	165,750	336	148,252	336	131,346	336	113,938	336	96,540	336	79,243	336	61,310	336	42,451	336	25,054	336	7,656	336
26	350	228,139	350	218,317	350	205,510	350	192,496	350	179,907	350	165,812	350	148,314	350	131,408	350	114,000	350	96,602	350	79,305	350	61,372	350	42,453	350	25,056	350	7,658	350
27	364	228,149	364	218,378	364	205,572	364	192,558	364	180,000	364	165,874	364	148,376	364	131,470	364	114,062	364	96,664	364	79,367	364	61,434	364	42,455	364	25,058	364	7,660	364
28	378	228,159	378	218,439	378	205,634	378	192,620	378	180,062	378	165,936	378	148,438	378	131,532	378	114,124	378	96,726	378	79,429	378	61,496	378	42,457	378	25,060	378	7,662	378
29	392	228,169	392	218,500	392	205,696	392	192,682	392	180,124	392	166,000	392	148,500	392	131,594	392	114,186	392	96,788	392	79,491	392	61,558	392	42,459	392	25,062	392	7,664	392
30	406	228,179	406	218,561	406	205,758	406	192,744	406	180,186	406	166,062	406	148,562	406	131,656	406	114,248	406	96,850	406	79,553	406	61,620	406	42,461	406	25,064	406	7,666	406
31	420	228,189	420	218,622	420	205,820	420	192,806	420	180,248	420	166,124	420	148,624	420	131,718	420	114,310	420	96,912	420	79,615	420	61,682	420	42,463	420	25,066	420	7,668	420
32	434	228,199	434	218,683	434	205,882	434	192,868	434	180,310	434	166,186	434	148,686	434	131,780	434	114,372	434	96,974	434	79,677	434	61,744	434	42,465	434	25,068	434	7,670	434
33	448	228,209	448	218,744	448	205,944	448	192,930	448	180,372	448	166,248	448	148,748	448	131,842	448	114,434	448	97,036	448	79,739	448	61,806	448	42,467	448	25,070	448	7,672	448
34	462	228,219	462	218,805	462	206,006	462	193,000	462	180,434	462	166,310	462	148,810	462	131,904	462	114,496	462	97,098	462	79,801	462	61,868	462	42,469	462	25,072	462	7,674	462
35	476	228,229	476	218,866	476	206,068	476	193,062	476	180,496	476	166,372	476	148,872	476	131,966	476	114,558	476	97,160	476	79,863	476	61,930	476	42,471	476	25,074	476	7,676	476
36	490	228,239	490	218,927	490	206,130	490	193,124	490	180,558	490	166,434	490	148,934	490	132,028	490	114,620	490	97,222	490	79,925	490	61,992	490	42,473	490	25,076	490	7,678	490
37	504	228,249	504	218,988	504	206,192	504	193,186	504	180,620	504	166,496	504	149,000	504	132,090	504	114,682	504	97,284	504	79,987	504	62,054	504	42,475	504	25,078	504	7,680	504
38	518	228,259	518	219,049	518	206,254	518	193,248	518	180,682	518	166,558	518	149,062	518	132,152	518	114,744	518	97,346	518	80,049	518	62,116	518	42,477	518	25,080	518	7,682	518
39	532	228,269	532	219,110	532	206,316	532	193,310	532	180,744	532	166,620	532	149,124	532	132,214	532	114,806	532	97,408	532	80,111	532	62,178	532	42,479	532	25,082	532	7,684	5

REFERENCE GAUGE HEIGHT : 16'-4 3/4" (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

Stover

BARGE "HFL-601"
HINES FURLONG LINE
OUTAGE TABLE

OUTAGE TABLE

HULL NO. 4597

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

[illegible]

REFERENCE GAUGE HEIGHT : 6'-7 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

Sturges

INSPECTORATE AMERICA CORPORATION

BARGE "HFL-601"
HINES FURLONG LINE
OUTAGE TABLE

STAR SLOP TANK

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

[illegible]

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

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Shaner