



BARGE "HFL-401"
HINES FURLONG LINE

INNAGE TABLE

1 PORT

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

HULL NO. 4593

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	29,134	0	44,180	0	59,227	0	74,273	0	89,319	0	104,366	0	119,412	0	134,458	0	149,505	0	164,551	0	179,598	0	194,644	0	209,690																													
1/4		1,102	1/4	14,560	1/4	29,447	1/4	44,494	1/4	59,540	1/4	74,586	1/4	89,633	1/4	104,679	1/4	119,726	1/4	134,772	1/4	149,818	1/4	164,865	1/4	179,911	1/4	194,957	1/4	210,004																													
1/2		1,301	1/2	14,860	1/2	29,761	1/2	44,807	1/2	59,854	1/2	74,900	1/2	89,946	1/2	104,993	1/2	120,039	1/2	135,085	1/2	150,132	1/2	165,178	1/2	180,225	1/2	195,271	1/2	210,294																													
3/4		1,500	3/4	15,161	3/4	30,074	3/4	45,121	3/4	60,167	3/4	75,213	3/4	90,260	3/4	105,306	3/4	120,353	3/4	135,399	3/4	150,445	3/4	165,492	3/4	180,538	3/4	195,584	3/4	210,584																													
1		1,752	1	15,462	1	30,388	1	45,434	1	60,480	1	75,527	1	90,573	1	105,620	1	120,666	1	135,712	1	150,759	1	165,805	1	180,851	1	195,898	1	210,875																													
1/4		2,005	1/4	15,762	1/4	30,701	1/4	45,748	1/4	60,794	1/4	75,840	1/4	90,887	1/4	105,933	1/4	120,979	1/4	136,026	1/4	151,072	1/4	166,119	1/4	181,165	1/4	196,211	1/4	211,165																													
1/2		2,275	1/2	16,063	1/2	31,015	1/2	46,061	1/2	61,107	1/2	76,154	1/2	91,200	1/2	106,247	1/2	121,293	1/2	136,339	1/2	151,386	1/2	166,432	1/2	181,478	1/2	196,525	1/2	211,409																													
3/4		2,545	3/4	16,364	3/4	31,328	3/4	46,375	3/4	61,421	3/4	76,467	3/4	91,514	3/4	106,560	3/4	121,606	3/4	136,653	3/4	151,699	3/4	166,745	3/4	181,792	3/4	196,838	3/4	211,652																													
2		2,820	2	16,669	2	31,642	2	46,688	2	61,734	2	76,781	2	91,827	2	106,873	2	121,920	2	136,966	2	152,013	2	167,059	2	182,105	2	197,152	2	211,896																													
1/4		3,095	1/4	16,975	1/4	31,955	1/4	47,001	1/4	62,048	1/4	77,094	1/4	92,141	1/4	107,187	1/4	122,233	1/4	137,280	1/4	152,326	1/4	167,372	1/4	182,419	1/4	197,465	1/4	212,140																													
1/2		3,370	1/2	17,281	1/2	32,269	1/2	47,315	1/2	62,361	1/2	77,408	1/2	92,454	1/2	107,500	1/2	122,547	1/2	137,593	1/2	152,640	1/2	167,686	1/2	182,732	1/2	197,779	1/2	212,337																													
3/4		3,645	3/4	17,587	3/4	32,582	3/4	47,628	3/4	62,675	3/4	77,721	3/4	92,767	3/4	107,814	3/4	122,860	3/4	137,907	3/4	152,953	3/4	167,999	3/4	183,046	3/4	198,092	3/4	212,535																													
3		3,920	3	17,893	3	32,895	3	47,942	3	62,988	3	78,035	3	93,081	3	108,127	3	123,174	3	138,220	3	153,266	3	168,313	3	183,359	3	198,406	3	212,732																													
1/4		4,195	1/4	18,198	1/4	33,209	1/4	48,255	1/4	63,302	1/4	78,348	1/4	93,394	1/4	108,441	1/4	123,487	1/4	138,534	1/4	153,580	1/4	168,626	1/4	183,673	1/4	198,719	1/4	212,929																													
1/2		4,471	1/2	18,504	1/2	33,522	1/2	48,569	1/2	63,615	1/2	78,662	1/2	93,708	1/2	108,754	1/2	123,801	1/2	138,847	1/2	153,893	1/2	168,940	1/2	183,986	1/2	199,032	1/2	213,080																													
3/4		4,746	3/4	18,810	3/4	33,836	3/4	48,882	3/4	63,929	3/4	78,975	3/4	94,021	3/4	109,068	3/4	124,114	3/4	139,160	3/4	154,207	3/4	169,253	3/4	184,300	3/4	199,346	3/4	213,231																													
4		5,026	4	19,121	4	34,149	4	49,196	4	64,242	4	79,288	4	94,335	4	109,381	4	124,428	4	139,474	4	154,520	4	169,567	4	184,613	4	199,659	4	213,382																													
1/4		5,306	1/4	19,432	1/4	34,463	1/4	49,509	1/4	64,556	1/4	79,602	1/4	94,648	1/4	109,695	1/4	124,741	1/4	139,787	1/4	154,834	1/4	169,880	1/4	184,926	1/4	199,773	1/4	213,532																													
1/2		5,586	1/2	19,743	1/2	34,776	1/2	49,823	1/2	64,869	1/2	79,915	1/2	94,962	1/2	110,008	1/2	125,054	1/2	140,101	1/2	155,147	1/2	170,194	1/2	185,240	1/2	200,286	1/2	213,637																													
3/4		5,867	3/4	20,054	3/4	35,090	3/4	50,136	3/4	65,182	3/4	80,229	3/4	95,275	3/4	110,322	3/4	125,368	3/4	140,414	3/4	155,461	3/4	170,507	3/4	185,553	3/4	200,600	3/4	213,741																													
5		6,147	5	20,364	5	35,403	5	50,450	5	65,496	5	80,542	5	95,589	5	110,635	5	125,681	5	140,728	5	155,774	5	170,821	5	185,867	5	200,913	5	213,846																													
1/4		6,427	1/4	20,675	1/4	35,717	1/4	50,763	1/4	65,809	1/4	80,856	1/4	95,902	1/4	110,949	1/4	125,995	1/4	141,041	1/4	156,088	1/4	171,134	1/4	186,180	1/4	201,227	1/4	213,950																													
1/2		6,707	1/2	20,986	1/2	36,030	1/2	51,077	1/2	66,123	1/2	81,169	1/2	96,216	1/2	111,262	1/2	126,308	1/2	141,355	1/2	156,401	1/2	171,447	1/2	186,494	1/2	201,540	1/2	214,008																													
3/4		6,987	3/4	21,297	3/4	36,344	3/4	51,390	3/4	66,436	3/4	81,483	3/4	96,529	3/4	111,575	3/4	126,622	3/4	141,668	3/4	156,715	3/4	171,761	3/4	186,807	3/4	201,854	3/4	214,066																													
6		7,273	6	21,611	6	36,657	6	51,703	6	66,750	6	81,796	6	96,843	6	111,889	6	126,935	6	141,982	6	157,028	6	172,074	6	187,121	6	202,167	6	214,124																													
1/4		7,558	1/4	21,924	1/4	36,971	1/4	52,017	1/4	67,063	1/4	82,110	1/4	97,156	1/4	112,202	1/4	127,249	1/4	142,295	1/4	157,341	1/4	172,388	1/4	187,434	1/4	202,481	1/4	214,182																													
1/2		7,843	1/2	22,238	1/2	37,284	1/2	52,330	1/2	67,377	1/2	82,423	1/2	97,469	1/2	112,516	1/2	127,562	1/2	142,609	1/2	157,655	1/2	172,701	1/2	187,748	1/2	202,794	1/2	214,199																													
3/4		8,129	3/4	22,551	3/4	37,597	3/4	52,644	3/4	67,690	3/4	82,737	3/4	97,783	3/4	112,829	3/4	127,876	3/4	142,922	3/4	157,968	3/4	173,015	3/4	188,061	3/4	203,108	3/4	214,216																													
7		8,414	7	22,865	7	37,911	7	52,957	7	68,004	7	83,050	7	98,096	7	113,143	7	128,189	7	143,236	7	158,282	7	173,328	7	188,375	7	203,421	7	214,233																													
1/4		8,700	1/4	23,178	1/4	38,224	1/4	53,271	1/4	68,317	1/4	83,364	1/4	98,410	1/4	113,456	1/4	128,503	1/4	143,549	1/4	158,595	1/4	173,642	1/4	188,688	1/4	203,734	1/4																														
1/2		8,985	1/2	23,492	1/2	38,538	1/2	53,584	1/2	68,631	1/2	83,677	1/2	98,723	1/2	113,770	1/2	128,816	1/2	143,862	1/2	158,909	1/2	173,955	1/2	189,002	1/2	204,048	1/2																														
3/4		9,270	3/4	23,805	3/4	38,851	3/4	53,898	3/4	68,944	3/4	83,990	3/4	99,037	3/4	114,083	3/4	129,130	3/4	144,176	3/4	159,222	3/4	174,269	3/4	189,315	3/4	204,361	3/4																														
8		9,561	8	24,118	8	39,165	8	54,211	8	69,258	8	84,304	8	99,350	8	114,397	8	129,443	8	144,489	8	159,536	8	174,582	8	189,628	8	204,675	8																														
1/4		9,851	1/4	24,432	1/4	39,478	1/4	54,525	1/4	69,571	1/4	84,617	1/4	99,664	1/4	114,710	1/4	129,756	1/4</																																								



BARGE "HFL-401"
HINES FURLONG LINE

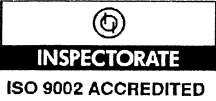
INNAGE TABLE

1 STAR

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

HULL NO. 4593

0 FT.		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.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	* 903	0	14,259	0	29,134	0	44,180	0	59,227	0	74,273	0	89,319	0	104,366	0	119,412	0	134,458	0	149,505	0	164,551	0	179,598	0	194,644	0	209,690
1/4	1,102	1/4	14,560	1/4	29,447	1/4	44,494	1/4	59,540	1/4	74,586	1/4	89,633	1/4	104,679	1/4	119,726	1/4	134,772	1/4	149,818	1/4	164,865	1/4	179,911	1/4	194,957	1/4	210,004
1/2	1,301	1/2	14,860	1/2	29,761	1/2	44,807	1/2	59,854	1/2	74,900	1/2	89,946	1/2	104,993	1/2	120,039	1/2	135,085	1/2	150,132	1/2	165,178	1/2	180,225	1/2	195,271	1/2	210,294
3/4	1,500	3/4	15,161	3/4	30,074	3/4	45,121	3/4	60,167	3/4	75,213	3/4	90,260	3/4	105,306	3/4	120,353	3/4	135,399	3/4	150,445	3/4	165,492	3/4	180,538	3/4	195,584	3/4	210,584
1	1,752	1	15,462	1	30,388	1	45,434	1	60,480	1	75,527	1	90,573	1	105,620	1	120,666	1	135,712	1	150,759	1	165,805	1	180,851	1	195,898	1	210,875
1/4	2,005	1/4	15,762	1/4	30,701	1/4	45,748	1/4	60,794	1/4	75,840	1/4	90,887	1/4	105,933	1/4	120,979	1/4	136,026	1/4	151,072	1/4	166,119	1/4	181,165	1/4	196,211	1/4	211,165
1/2	2,275	1/2	16,063	1/2	31,015	1/2	46,061	1/2	61,107	1/2	76,154	1/2	91,200	1/2	106,247	1/2	121,293	1/2	136,339	1/2	151,386	1/2	166,432	1/2	181,478	1/2	196,525	1/2	211,409
3/4	2,545	3/4	16,364	3/4	31,328	3/4	46,375	3/4	61,421	3/4	76,467	3/4	91,514	3/4	106,560	3/4	121,606	3/4	136,653	3/4	151,699	3/4	166,745	3/4	181,792	3/4	196,838	3/4	211,652
2	2,820	2	16,669	2	31,642	2	46,688	2	61,734	2	76,781	2	91,827	2	106,873	2	121,920	2	136,966	2	152,013	2	167,059	2	182,105	2	197,152	2	211,896
1/4	3,095	1/4	16,975	1/4	31,955	1/4	47,001	1/4	62,048	1/4	77,094	1/4	92,141	1/4	107,187	1/4	122,233	1/4	137,280	1/4	152,326	1/4	167,372	1/4	182,419	1/4	197,465	1/4	212,140
1/2	3,370	1/2	17,281	1/2	32,269	1/2	47,315	1/2	62,361	1/2	77,408	1/2	92,454	1/2	107,500	1/2	122,547	1/2	137,593	1/2	152,640	1/2	167,686	1/2	182,732	1/2	197,779	1/2	212,337
3/4	3,645	3/4	17,587	3/4	32,582	3/4	47,628	3/4	62,675	3/4	77,721	3/4	92,767	3/4	107,814	3/4	122,860	3/4	137,907	3/4	152,953	3/4	167,999	3/4	183,046	3/4	198,092	3/4	212,535
3	3,920	3	17,893	3	32,895	3	47,942	3	62,988	3	78,035	3	93,081	3	108,127	3	123,174	3	138,220	3	153,266	3	168,313	3	183,359	3	198,406	3	212,732
1/4	4,195	1/4	18,198	1/4	33,209	1/4	48,255	1/4	63,302	1/4	78,348	1/4	93,394	1/4	108,441	1/4	123,487	1/4	138,534	1/4	153,580	1/4	168,626	1/4	183,673	1/4	198,719	1/4	212,929
1/2	4,471	1/2	18,504	1/2	33,522	1/2	48,569	1/2	63,615	1/2	78,662	1/2	93,708	1/2	108,754	1/2	123,801	1/2	138,847	1/2	153,893	1/2	168,940	1/2	183,986	1/2	199,032	1/2	213,080
3/4	4,746	3/4	18,810	3/4	33,836	3/4	48,882	3/4	63,929	3/4	78,975	3/4	94,021	3/4	109,068	3/4	124,114	3/4	139,160	3/4	154,207	3/4	169,253	3/4	184,300	3/4	199,346	3/4	213,231
4	5,026	4	19,121	4	34,149	4	49,196	4	64,242	4	79,288	4	94,335	4	109,381	4	124,428	4	139,474	4	154,520	4	169,567	4	184,613	4	199,659	4	213,382
1/4	5,306	1/4	19,432	1/4	34,463	1/4	49,509	1/4	64,556	1/4	79,602	1/4	94,648	1/4	109,695	1/4	124,741	1/4	139,787	1/4	154,834	1/4	169,880	1/4	184,926	1/4	199,973	1/4	213,532
1/2	5,586	1/2	19,743	1/2	34,776	1/2	49,823	1/2	64,869	1/2	79,915	1/2	94,962	1/2	110,008	1/2	125,054	1/2	140,101	1/2	155,147	1/2	170,194	1/2	185,240	1/2	200,286	1/2	213,637
3/4	5,867	3/4	20,054	3/4	35,090	3/4	50,136	3/4	65,182	3/4	80,229	3/4	95,275	3/4	110,322	3/4	125,368	3/4	140,414	3/4	155,461	3/4	170,507	3/4	185,553	3/4	200,600	3/4	213,741
5	6,147	5	20,364	5	35,403	5	50,450	5	65,496	5	80,542	5	95,589	5	110,635	5	125,681	5	140,728	5	155,774	5	170,821	5	185,867	5	200,913	5	213,846
1/4	6,427	1/4	20,675	1/4	35,717	1/4	50,763	1/4	65,809	1/4	80,856	1/4	95,902	1/4	110,949	1/4	125,995	1/4	141,041	1/4	156,088	1/4	171,134	1/4	186,180	1/4	201,227	1/4	213,950
1/2	6,707	1/2	20,986	1/2	36,030	1/2	51,077	1/2	66,123	1/2	81,169	1/2	96,216	1/2	111,262	1/2	126,308	1/2	141,355	1/2	156,401	1/2	171,447	1/2	186,494	1/2	201,540	1/2	214,008
3/4	6,987	3/4	21,297	3/4	36,344	3/4	51,390	3/4	66,436	3/4	81,483	3/4	96,529	3/4	111,575	3/4	126,622	3/4	141,668	3/4	156,715	3/4	171,761	3/4	186,807	3/4	201,854	3/4	214,066
6	7,273	6	21,611	6	36,657	6	51,703	6	66,750	6	81,796	6	96,843	6	111,889	6	126,935	6	141,982	6	157,028	6	172,074	6	187,121	6	202,167	6	214,124
1/4	7,558	1/4	21,924	1/4	36,971	1/4	52,017	1/4	67,063	1/4	82,110	1/4	97,156	1/4	112,202	1/4	127,249	1/4	142,295	1/4	157,341	1/4	172,388	1/4	187,434	1/4	202,481	1/4	214,182
1/2	7,843	1/2	22,238	1/2	37,284	1/2	52,330	1/2	67,377	1/2	82,423	1/2	97,469	1/2	112,516	1/2	127,562	1/2	142,609	1/2	157,655	1/2	172,701	1/2	187,748	1/2	202,794	1/2	214,199
3/4	8,129	3/4	22,551	3/4	37,597	3/4	52,644	3/4	67,690	3/4	82,737	3/4	97,783	3/4	112,829	3/4	127,876	3/4	142,922	3/4	157,968	3/4	173,015	3/4	188,061	3/4	203,108	3/4	214,216
7	8,414	7	22,865	7	37,911	7	52,957	7	68,004	7	83,050	7	98,096	7	113,143	7	128,189	7	143,236	7	158,282	7	173,328	7	188,375	7	203,421	7	214,233
1/4	8,700	1/4	23,178	1/4	38,224	1/4	53,271	1/4	68,317	1/4	83,364	1/4	98,410	1/4	113,456	1/4	128,503	1/4	143,549	1/4	158,595	1/4	173,642	1/4	188,688	1/4	203,734	1/4	
1/2	8,985	1/2	23,492	1/2	38,538	1/2	53,584	1/2	68,631	1/2	83,677	1/2	98,723	1/2	113,770	1/2	128,816	1/2	143,862	1/2	158,909	1/2	173,955	1/2	189,002	1/2	204,048	1/2	
3/4	9,270	3/4	23,805	3/4	38,851	3/4	53,898	3/4	68,944	3/4	83,990	3/4	99,037	3/4	114,083	3/4	129,130	3/4	144,176	3/4	159,222	3/4	174,269	3/4	189,315	3/4	204,361	3/4	
8	9,561	8	24,118	8	39,165	8	54,211	8	69,258	8	84,304	8	99,350	8	114,397	8	129,443	8	144,489	8	159,536	8	174,582	8	189,628	8	204,675	8	
1/4	9,851	1/4	24,432	1/4	39,478	1/4	54,525	1/4	69,571	1/4	84,617	1/4	99,664	1/4	114,710	1/4	129,756	1/4	144,803	1/4	159,849	1/4	174,896	1/4	189,942	1/4	204,988	1/4	
1/2	10,142	1/2	24,745	1/2	39,792	1/2	54,838	1/2	69,884	1/2	84,931	1/2	99,977	1/2	115,024	1/2	130,070	1/2	145,116	1/2	160,163								



BARGE "HFL-401"
HINES FURLONG LINE

INNAGE TABLE

2 PORT

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

HULL NO. 4593

0 FT.		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.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	* 942	0	15,710	0	30,792	0	45,874	0	60,956	0	76,038	0	91,121	0	106,203	0	121,285	0	136,367	0	151,449	0	166,532	0	181,614	0	196,696	0	211,679
1/4	1,166	1/4	16,024	1/4	31,106	1/4	46,188	1/4	61,271	1/4	76,353	1/4	91,435	1/4	106,517	1/4	121,599	1/4	136,681	1/4	151,764	1/4	166,846	1/4	181,928	1/4	197,010	1/4	211,991
1/2	1,391	1/2	16,338	1/2	31,420	1/2	46,503	1/2	61,585	1/2	76,667	1/2	91,749	1/2	106,831	1/2	121,913	1/2	136,996	1/2	152,078	1/2	167,160	1/2	182,242	1/2	197,324	1/2	212,280
3/4	1,615	3/4	16,652	3/4	31,735	3/4	46,817	3/4	61,899	3/4	76,981	3/4	92,063	3/4	107,145	3/4	122,228	3/4	137,310	3/4	152,392	3/4	167,474	3/4	182,556	3/4	197,639	3/4	212,569
1	1,907	1	16,967	1	32,049	1	47,131	1	62,213	1	77,295	1	92,377	1	107,460	1	122,542	1	137,624	1	152,706	1	167,788	1	182,871	1	197,951	1	212,858
1/4	2,199	1/4	17,281	1/4	32,363	1/4	47,445	1/4	62,527	1/4	77,610	1/4	92,692	1/4	107,774	1/4	122,856	1/4	137,938	1/4	153,020	1/4	168,103	1/4	183,185	1/4	198,263	1/4	213,146
1/2	2,513	1/2	17,595	1/2	32,677	1/2	47,759	1/2	62,842	1/2	77,924	1/2	93,006	1/2	108,088	1/2	123,170	1/2	138,252	1/2	153,335	1/2	168,417	1/2	183,499	1/2	198,575	1/2	213,391
3/4	2,827	3/4	17,909	3/4	32,991	3/4	48,074	3/4	63,156	3/4	78,238	3/4	93,320	3/4	108,402	3/4	123,484	3/4	138,567	3/4	153,649	3/4	168,731	3/4	183,813	3/4	198,887	3/4	213,635
2	3,141	2	18,223	2	33,306	2	48,388	2	63,470	2	78,552	2	93,634	2	108,717	2	123,799	2	138,881	2	153,963	2	169,045	2	184,127	2	199,199	2	213,879
1/4	3,456	1/4	18,538	1/4	33,620	1/4	48,702	1/4	63,784	1/4	78,866	1/4	93,949	1/4	109,031	1/4	124,113	1/4	139,195	1/4	154,277	1/4	169,359	1/4	184,442	1/4	199,511	1/4	214,124
1/2	3,770	1/2	18,852	1/2	33,934	1/2	49,016	1/2	64,098	1/2	79,181	1/2	94,263	1/2	109,345	1/2	124,427	1/2	139,509	1/2	154,591	1/2	169,674	1/2	184,756	1/2	199,823	1/2	214,321
3/4	4,084	3/4	19,166	3/4	34,248	3/4	49,330	3/4	64,413	3/4	79,495	3/4	94,577	3/4	109,659	3/4	124,741	3/4	139,824	3/4	154,906	3/4	169,988	3/4	185,070	3/4	200,135	3/4	214,519
3	4,398	3	19,480	3	34,562	3	49,645	3	64,727	3	79,809	3	94,891	3	109,973	3	125,056	3	140,138	3	155,220	3	170,302	3	185,384	3	200,447	3	214,717
1/4	4,712	1/4	19,795	1/4	34,877	1/4	49,959	1/4	65,041	1/4	80,123	1/4	95,205	1/4	110,288	1/4	125,370	1/4	140,452	1/4	155,534	1/4	170,616	1/4	185,698	1/4	200,759	1/4	214,915
1/2	5,027	1/2	20,109	1/2	35,191	1/2	50,273	1/2	65,355	1/2	80,437	1/2	95,520	1/2	110,602	1/2	125,684	1/2	140,766	1/2	155,848	1/2	170,930	1/2	186,013	1/2	201,071	1/2	215,066
3/4	5,341	3/4	20,423	3/4	35,505	3/4	50,587	3/4	65,669	3/4	80,752	3/4	95,834	3/4	110,916	3/4	125,998	3/4	141,080	3/4	156,163	3/4	171,245	3/4	186,327	3/4	201,383	3/4	215,217
4	5,655	4	20,737	4	35,819	4	50,902	4	65,984	4	81,066	4	96,148	4	111,230	4	126,312	4	141,395	4	156,477	4	171,559	4	186,641	4	201,695	4	215,368
1/4	5,969	1/4	21,051	1/4	36,134	1/4	51,216	1/4	66,298	1/4	81,380	1/4	96,462	1/4	111,544	1/4	126,627	1/4	141,709	1/4	156,791	1/4	171,873	1/4	186,955	1/4	202,007	1/4	215,519
1/2	6,283	1/2	21,366	1/2	36,448	1/2	51,530	1/2	66,612	1/2	81,694	1/2	96,776	1/2	111,859	1/2	126,941	1/2	142,023	1/2	157,105	1/2	172,187	1/2	187,270	1/2	202,319	1/2	215,624
3/4	6,598	3/4	21,680	3/4	36,762	3/4	51,844	3/4	66,926	3/4	82,008	3/4	97,091	3/4	112,173	3/4	127,255	3/4	142,337	3/4	157,419	3/4	172,502	3/4	187,584	3/4	202,631	3/4	215,729
5	6,912	5	21,994	5	37,076	5	52,158	5	67,241	5	82,323	5	97,405	5	112,487	5	127,569	5	142,651	5	157,734	5	172,816	5	187,898	5	202,943	5	215,833
1/4	7,226	1/4	22,308	1/4	37,390	1/4	52,473	1/4	67,555	1/4	82,637	1/4	97,719	1/4	112,801	1/4	127,883	1/4	142,966	1/4	158,048	1/4	173,130	1/4	188,212	1/4	203,255	1/4	215,938
1/2	7,540	1/2	22,622	1/2	37,705	1/2	52,787	1/2	67,869	1/2	82,951	1/2	98,033	1/2	113,115	1/2	128,198	1/2	143,280	1/2	158,362	1/2	173,444	1/2	188,526	1/2	203,567	1/2	215,996
3/4	7,854	3/4	22,937	3/4	38,019	3/4	53,101	3/4	68,183	3/4	83,265	3/4	98,348	3/4	113,430	3/4	128,512	3/4	143,594	3/4	158,676	3/4	173,758	3/4	188,841	3/4	203,879	3/4	216,054
6	8,169	6	23,251	6	38,333	6	53,415	6	68,497	6	83,580	6	98,662	6	113,744	6	128,826	6	143,908	6	158,990	6	174,073	6	189,155	6	204,191	6	216,112
1/4	8,483	1/4	23,565	1/4	38,647	1/4	53,729	1/4	68,812	1/4	83,894	1/4	98,976	1/4	114,058	1/4	129,140	1/4	144,222	1/4	159,305	1/4	174,387	1/4	189,469	1/4	204,503	1/4	216,170
1/2	8,797	1/2	23,879	1/2	38,961	1/2	54,044	1/2	69,126	1/2	84,208	1/2	99,290	1/2	114,372	1/2	129,455	1/2	144,537	1/2	159,619	1/2	174,701	1/2	189,783	1/2	204,815	1/2	216,187
3/4	9,111	3/4	24,193	3/4	39,276	3/4	54,358	3/4	69,440	3/4	84,522	3/4	99,604	3/4	114,687	3/4	129,769	3/4	144,851	3/4	159,933	3/4	175,015	3/4	190,097	3/4	205,127	3/4	216,205
7	9,426	7	24,508	7	39,590	7	54,672	7	69,754	7	84,836	7	99,919	7	115,001	7	130,083	7	145,165	7	160,247	7	175,329	7	190,412	7	205,439	7	216,222
1/4	9,740	1/4	24,822	1/4	39,904	1/4	54,986	1/4	70,068	1/4	85,151	1/4	100,233	1/4	115,315	1/4	130,397	1/4	145,479	1/4	160,562	1/4	175,644	1/4	190,726	1/4	205,751	1/4	
1/2	10,054	1/2	25,136	1/2	40,218	1/2	55,300	1/2	70,383	1/2	85,465	1/2	100,547	1/2	115,629	1/2	130,711	1/2	145,794	1/2	160,876	1/2	175,958	1/2	191,040	1/2	206,063	1/2	
3/4	10,368	3/4	25,450	3/4	40,533	3/4	55,615	3/4	70,697	3/4	85,779	3/4	100,861	3/4	115,943	3/4	131,026	3/4	146,108	3/4	161,190	3/4	176,272	3/4	191,354	3/4	206,375	3/4	
8	10,682	8	25,765	8	40,847	8	55,929	8	71,011	8	86,093	8	101,175	8	116,258	8	131,340	8	146,422	8	161,504	8	176,586	8	191,668	8	206,687	8	
1/4	10,997	1/4	26,079	1/4	41,161	1/4	56,243	1/4	71,325	1/4	86,407	1/4	101,490	1/4	116,572	1/4	131,654	1/4	146,736	1/4	161,818	1/4	176,901	1/4	191,983	1/4	206,999	1/4	
1/2	11,311	1/2	26,393	1/2	41,475	1/2	56,557	1/2	71,640	1/2	86,722	1/2	101,804	1/2	116,886	1/2	131,968	1/2	147,050	1/2	1626								



BARGE "HFL-401"
HINES FURLONG LINE

INNAGE TABLE

2 STAR

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

HULL NO. 4593

0 FT.		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.		
0	*	942	0	15,710	0	30,792	0	45,874	0	60,956	0	76,038	0	91,121	0	106,203	0	121,285	0	136,367	0	151,449	0	166,532	0	181,614	0	196,696	0	211,679
1/4		1,166	1/4	16,024	1/4	31,106	1/4	46,188	1/4	61,271	1/4	76,353	1/4	91,435	1/4	106,517	1/4	121,599	1/4	136,681	1/4	151,764	1/4	166,846	1/4	181,928	1/4	197,010	1/4	211,991
1/2		1,391	1/2	16,338	1/2	31,420	1/2	46,503	1/2	61,585	1/2	76,667	1/2	91,749	1/2	106,831	1/2	121,913	1/2	136,996	1/2	152,078	1/2	167,160	1/2	182,242	1/2	197,324	1/2	212,280
3/4		1,615	3/4	16,652	3/4	31,735	3/4	46,817	3/4	61,899	3/4	76,981	3/4	92,063	3/4	107,145	3/4	122,228	3/4	137,310	3/4	152,392	3/4	167,474	3/4	182,556	3/4	197,639	3/4	212,569
1		1,907	1	16,967	1	32,049	1	47,131	1	62,213	1	77,295	1	92,377	1	107,460	1	122,542	1	137,624	1	152,706	1	167,788	1	182,871	1	197,951	1	212,858
1/4		2,199	1/4	17,281	1/4	32,363	1/4	47,445	1/4	62,527	1/4	77,610	1/4	92,692	1/4	107,774	1/4	122,856	1/4	137,938	1/4	153,020	1/4	168,103	1/4	183,185	1/4	198,263	1/4	213,146
1/2		2,513	1/2	17,595	1/2	32,677	1/2	47,759	1/2	62,842	1/2	77,924	1/2	93,006	1/2	108,088	1/2	123,170	1/2	138,252	1/2	153,335	1/2	168,417	1/2	183,499	1/2	198,575	1/2	213,391
3/4		2,827	3/4	17,909	3/4	32,991	3/4	48,074	3/4	63,156	3/4	78,238	3/4	93,320	3/4	108,402	3/4	123,484	3/4	138,567	3/4	153,649	3/4	168,731	3/4	183,813	3/4	198,887	3/4	213,635
2		3,141	2	18,223	2	33,306	2	48,388	2	63,470	2	78,552	2	93,634	2	108,717	2	123,799	2	138,881	2	153,963	2	169,045	2	184,127	2	199,199	2	213,879
1/4		3,456	1/4	18,538	1/4	33,620	1/4	48,702	1/4	63,784	1/4	78,866	1/4	93,949	1/4	109,031	1/4	124,113	1/4	139,195	1/4	154,277	1/4	169,359	1/4	184,442	1/4	199,511	1/4	214,124
1/2		3,770	1/2	18,852	1/2	33,934	1/2	49,016	1/2	64,098	1/2	79,181	1/2	94,263	1/2	109,345	1/2	124,427	1/2	139,509	1/2	154,591	1/2	169,674	1/2	184,756	1/2	199,823	1/2	214,321
3/4		4,084	3/4	19,166	3/4	34,248	3/4	49,330	3/4	64,413	3/4	79,495	3/4	94,577	3/4	109,659	3/4	124,741	3/4	139,824	3/4	154,906	3/4	169,988	3/4	185,070	3/4	200,135	3/4	214,519
3		4,398	3	19,480	3	34,562	3	49,645	3	64,727	3	79,809	3	94,891	3	109,973	3	125,056	3	140,138	3	155,220	3	170,302	3	185,384	3	200,447	3	214,717
1/4		4,712	1/4	19,795	1/4	34,877	1/4	49,959	1/4	65,041	1/4	80,123	1/4	95,205	1/4	110,288	1/4	125,370	1/4	140,452	1/4	155,534	1/4	170,616	1/4	185,698	1/4	200,759	1/4	214,915
1/2		5,027	1/2	20,109	1/2	35,191	1/2	50,273	1/2	65,355	1/2	80,437	1/2	95,520	1/2	110,602	1/2	125,684	1/2	140,766	1/2	155,848	1/2	170,930	1/2	186,013	1/2	201,071	1/2	215,066
3/4		5,341	3/4	20,423	3/4	35,505	3/4	50,587	3/4	65,669	3/4	80,752	3/4	95,834	3/4	110,916	3/4	125,998	3/4	141,080	3/4	156,163	3/4	171,245	3/4	186,327	3/4	201,383	3/4	215,217
4		5,655	4	20,737	4	35,819	4	50,902	4	65,984	4	81,066	4	96,148	4	111,230	4	126,312	4	141,395	4	156,477	4	171,559	4	186,641	4	201,695	4	215,368
1/4		5,969	1/4	21,051	1/4	36,134	1/4	51,216	1/4	66,298	1/4	81,380	1/4	96,462	1/4	111,544	1/4	126,627	1/4	141,709	1/4	156,791	1/4	171,873	1/4	186,955	1/4	202,007	1/4	215,519
1/2		6,283	1/2	21,366	1/2	36,448	1/2	51,530	1/2	66,612	1/2	81,694	1/2	96,776	1/2	111,859	1/2	126,941	1/2	142,023	1/2	157,105	1/2	172,187	1/2	187,270	1/2	202,319	1/2	215,624
3/4		6,598	3/4	21,680	3/4	36,762	3/4	51,844	3/4	66,926	3/4	82,008	3/4	97,091	3/4	112,173	3/4	127,255	3/4	142,337	3/4	157,419	3/4	172,502	3/4	187,584	3/4	202,631	3/4	215,729
5		6,912	5	21,994	5	37,076	5	52,158	5	67,241	5	82,323	5	97,405	5	112,487	5	127,569	5	142,651	5	157,734	5	172,816	5	187,898	5	202,943	5	215,833
1/4		7,226	1/4	22,308	1/4	37,390	1/4	52,473	1/4	67,555	1/4	82,637	1/4	97,719	1/4	112,801	1/4	127,883	1/4	142,966	1/4	158,048	1/4	173,130	1/4	188,212	1/4	203,255	1/4	215,938
1/2		7,540	1/2	22,622	1/2	37,705	1/2	52,787	1/2	67,869	1/2	82,951	1/2	98,033	1/2	113,115	1/2	128,198	1/2	143,280	1/2	158,362	1/2	173,444	1/2	188,526	1/2	203,567	1/2	215,996
3/4		7,854	3/4	22,937	3/4	38,019	3/4	53,101	3/4	68,183	3/4	83,265	3/4	98,348	3/4	113,430	3/4	128,512	3/4	143,594	3/4	158,676	3/4	173,758	3/4	188,841	3/4	203,879	3/4	216,054
6		8,169	6	23,251	6	38,333	6	53,415	6	68,497	6	83,580	6	98,662	6	113,744	6	128,826	6	143,908	6	158,990	6	174,073	6	189,155	6	204,191	6	216,112
1/4		8,483	1/4	23,565	1/4	38,647	1/4	53,729	1/4	68,812	1/4	83,894	1/4	98,976	1/4	114,058	1/4	129,140	1/4	144,222	1/4	159,305	1/4	174,387	1/4	189,469	1/4	204,503	1/4	216,170
1/2		8,797	1/2	23,879	1/2	38,961	1/2	54,044	1/2	69,126	1/2	84,208	1/2	99,290	1/2	114,372	1/2	129,455	1/2	144,537	1/2	159,619	1/2	174,701	1/2	189,783	1/2	204,815	1/2	216,187
3/4		9,111	3/4	24,193	3/4	39,276	3/4	54,358	3/4	69,440	3/4	84,522	3/4	99,604	3/4	114,687	3/4	129,769	3/4	144,851	3/4	159,933	3/4	175,015	3/4	190,097	3/4	205,127	3/4	216,205
7		9,426	7	24,508	7	39,590	7	54,672	7	69,754	7	84,836	7	99,919	7	115,001	7	130,083	7	145,165	7	160,247	7	175,329	7	190,412	7	205,439	7	216,222
1/4		9,740	1/4	24,822	1/4	39,904	1/4	54,986	1/4	70,068	1/4	85,151	1/4	100,233	1/4	115,315	1/4	130,397	1/4	145,479	1/4	160,562	1/4	175,644	1/4	190,726	1/4	205,751	1/4	
1/2		10,054	1/2	25,136	1/2	40,218	1/2	55,300	1/2	70,383	1/2	85,465	1/2	100,547	1/2	115,629	1/2	130,711	1/2	145,794	1/2	160,876	1/2	175,958	1/2	191,040	1/2	206,063	1/2	
3/4		10,368	3/4	25,450	3/4	40,533	3/4	55,615	3/4	70,697	3/4	85,779	3/4	100,861	3/4	115,943	3/4	131,026	3/4	146,108	3/4	161,190	3/4	176,272	3/4	191,354	3/4	206,375	3/4	
8		10,682	8	25,765	8	40,847	8	55,929	8	71,011	8	86,093	8	101,175	8	116,258	8	131,340	8	146,422	8	161,504	8	176,586	8	191,668	8	206,687	8	
1/4		10,997	1/4	26,079	1/4	41,161	1/4	56,243	1/4	71,325	1/4	86,407	1/4	101,490	1/4	116,572	1/4	131,654	1/4	146,736	1/4	161,818	1/4	176,901	1/4	191,983	1/4	206,999	1/4	
1/2		11,311	1/2	26,393	1/2	41,475	1/2	56,557	1/2	71,640	1/2	86,722	1/2	101,804	1/2	116,886	1/2	131,968	1/2	147,050	1/2	162,133	1/2							



BARGE "HFL-401"
HINES FURLONG LINE

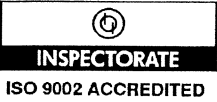
INNAGE TABLE

3 PORT

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

HULL NO. 4593

0 FT.		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.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	*	937	0	15,661	0	30,687	0	45,678	0	60,725	0	75,772	0	90,820	0	105,867	0	120,914	0	135,962	0	149,987	0	160,442	0	170,880	0	181,318	0
1/4		1,161	1/4	15,974	1/4	30,999	1/4	45,991	1/4	61,038	1/4	76,086	1/4	91,133	1/4	106,180	1/4	121,228	1/4	136,275	1/4	150,210	1/4	160,659	1/4	171,097	1/4	181,535	1/4
1/2		1,384	1/2	16,287	1/2	31,311	1/2	46,305	1/2	61,352	1/2	76,399	1/2	91,447	1/2	106,494	1/2	121,541	1/2	136,589	1/2	150,433	1/2	160,876	1/2	171,315	1/2	181,753	1/2
3/4		1,608	3/4	16,600	3/4	31,623	3/4	46,618	3/4	61,665	3/4	76,713	3/4	91,760	3/4	106,807	3/4	121,855	3/4	136,902	3/4	150,656	3/4	161,094	3/4	171,532	3/4	181,970	3/4
1		1,899	1	16,914	1	31,935	1	46,932	1	61,979	1	77,026	1	92,073	1	107,121	1	122,168	1	137,215	1	150,873	1	161,311	1	171,750	1	182,188	1
1/4		2,190	1/4	17,227	1/4	32,247	1/4	47,245	1/4	62,292	1/4	77,340	1/4	92,387	1/4	107,434	1/4	122,482	1/4	137,529	1/4	151,091	1/4	161,529	1/4	171,967	1/4	182,405	1/4
1/2		2,503	1/2	17,540	1/2	32,559	1/2	47,558	1/2	62,606	1/2	77,653	1/2	92,700	1/2	107,748	1/2	122,795	1/2	137,842	1/2	151,308	1/2	161,746	1/2	172,185	1/2	182,623	1/2
3/4		2,816	3/4	17,854	3/4	32,871	3/4	47,872	3/4	62,919	3/4	77,967	3/4	93,014	3/4	108,061	3/4	123,109	3/4	138,156	3/4	151,526	3/4	161,964	3/4	172,402	3/4	182,840	3/4
2		3,129	2	18,167	2	33,183	2	48,185	2	63,233	2	78,280	2	93,327	2	108,375	2	123,422	2	138,469	2	151,743	2	162,181	2	172,619	2	183,058	2
1/4		3,443	1/4	18,480	1/4	33,495	1/4	48,499	1/4	63,546	1/4	78,594	1/4	93,641	1/4	108,688	1/4	123,736	1/4	138,783	1/4	151,960	1/4	162,399	1/4	172,837	1/4	183,275	1/4
1/2		3,756	1/2	18,793	1/2	33,807	1/2	48,812	1/2	63,860	1/2	78,907	1/2	93,954	1/2	109,002	1/2	124,049	1/2	139,096	1/2	152,178	1/2	162,616	1/2	173,054	1/2	183,493	1/2
3/4		4,069	3/4	19,107	3/4	34,119	3/4	49,126	3/4	64,173	3/4	79,221	3/4	94,268	3/4	109,315	3/4	124,363	3/4	139,410	3/4	152,395	3/4	162,834	3/4	173,272	3/4	183,710	3/4
3		4,383	3	19,420	3	34,431	3	49,439	3	64,487	3	79,534	3	94,581	3	109,629	3	124,676	3	139,723	3	152,613	3	163,051	3	173,489	3	183,928	3
1/4		4,696	1/4	19,733	1/4	34,743	1/4	49,753	1/4	64,800	1/4	79,848	1/4	94,895	1/4	109,942	1/4	124,990	1/4	140,037	1/4	152,830	1/4	163,269	1/4	173,707	1/4	184,145	1/4
1/2		5,009	1/2	20,047	1/2	35,055	1/2	50,066	1/2	65,114	1/2	80,161	1/2	95,208	1/2	110,256	1/2	125,303	1/2	140,350	1/2	153,048	1/2	163,486	1/2	173,924	1/2	184,362	1/2
3/4		5,322	3/4	20,360	3/4	35,367	3/4	50,380	3/4	65,427	3/4	80,475	3/4	95,522	3/4	110,569	3/4	125,616	3/4	140,664	3/4	153,265	3/4	163,703	3/4	174,142	3/4	184,580	3/4
4		5,636	4	20,673	4	35,679	4	50,693	4	65,741	4	80,788	4	95,835	4	110,883	4	125,930	4	140,977	4	153,483	4	163,921	4	174,359	4	184,797	4
1/4		5,949	1/4	20,986	1/4	35,991	1/4	51,007	1/4	66,054	1/4	81,101	1/4	96,149	1/4	111,196	1/4	126,243	1/4	141,291	1/4	153,700	1/4	164,138	1/4	174,577	1/4	185,015	1/4
1/2		6,262	1/2	21,300	1/2	36,303	1/2	51,320	1/2	66,368	1/2	81,415	1/2	96,462	1/2	111,510	1/2	126,557	1/2	141,604	1/2	153,918	1/2	164,356	1/2	174,794	1/2	185,232	1/2
3/4		6,576	3/4	21,613	3/4	36,615	3/4	51,634	3/4	66,681	3/4	81,728	3/4	96,776	3/4	111,823	3/4	126,870	3/4	141,918	3/4	154,135	3/4	164,573	3/4	175,012	3/4	185,450	3/4
5		6,889	5	21,926	5	36,928	5	51,947	5	66,995	5	82,042	5	97,089	5	112,137	5	127,184	5	142,231	5	154,353	5	164,791	5	175,229	5	185,667	5
1/4		7,202	1/4	22,239	1/4	37,240	1/4	52,261	1/4	67,308	1/4	82,355	1/4	97,403	1/4	112,450	1/4	127,497	1/4	142,545	1/4	154,570	1/4	165,008	1/4	175,446	1/4	185,885	1/4
1/2		7,515	1/2	22,553	1/2	37,552	1/2	52,574	1/2	67,622	1/2	82,669	1/2	97,716	1/2	112,764	1/2	127,811	1/2	142,858	1/2	154,787	1/2	165,226	1/2	175,664	1/2	186,102	1/2
3/4		7,829	3/4	22,866	3/4	37,864	3/4	52,888	3/4	67,935	3/4	82,982	3/4	98,030	3/4	113,077	3/4	128,124	3/4	143,172	3/4	155,005	3/4	165,443	3/4	175,881	3/4	186,320	3/4
6		8,142	6	23,179	6	38,176	6	53,201	6	68,249	6	83,296	6	98,343	6	113,391	6	128,438	6	143,485	6	155,222	6	165,661	6	176,099	6	186,537	6
1/4		8,455	1/4	23,493	1/4	38,488	1/4	53,515	1/4	68,562	1/4	83,609	1/4	98,657	1/4	113,704	1/4	128,751	1/4	143,792	1/4	155,440	1/4	165,878	1/4	176,316	1/4	186,755	1/4
1/2		8,768	1/2	23,806	1/2	38,800	1/2	53,828	1/2	68,876	1/2	83,923	1/2	98,970	1/2	114,018	1/2	129,065	1/2	144,098	1/2	155,657	1/2	166,096	1/2	176,534	1/2	186,972	1/2
3/4		9,082	3/4	24,119	3/4	39,112	3/4	54,142	3/4	69,189	3/4	84,236	3/4	99,284	3/4	114,331	3/4	129,378	3/4	144,405	3/4	155,875	3/4	166,313	3/4	176,751	3/4	187,189	3/4
7		9,395	7	24,432	7	39,424	7	54,455	7	69,503	7	84,550	7	99,597	7	114,644	7	129,692	7	144,711	7	156,092	7	166,530	7	176,969	7	187,407	7
1/4		9,708	1/4	24,746	1/4	39,736	1/4	54,769	1/4	69,816	1/4	84,863	1/4	99,911	1/4	114,958	1/4	130,005	1/4	145,004	1/4	156,310	1/4	166,748	1/4	177,186	1/4	187,624	1/4
1/2		10,022	1/2	25,059	1/2	40,048	1/2	55,082	1/2	70,129	1/2	85,177	1/2	100,224	1/2	115,271	1/2	130,319	1/2	145,296	1/2	156,527	1/2	166,965	1/2	177,404	1/2	187,842	1/2
3/4		10,335	3/4	25,372	3/4	40,360	3/4	55,396	3/4	70,443	3/4	85,490	3/4	100,538	3/4	115,585	3/4	130,632	3/4	145,588	3/4	156,745	3/4	167,183	3/4	177,621	3/4	188,059	3/4
8		10,648	8	25,686	8	40,672	8	55,709	8	70,756	8	85,804	8	100,851	8	115,898	8	130,946	8	145,881	8	156,962	8	167,400	8	177,839	8	188,277	8
1/4		10,961	1/4	25,999	1/4	40,984	1/4	56,023	1/4	71,070	1/4	86,117	1/4	101,165	1/4	116,212	1/4	131,259	1/4	146,159	1/4	157,180	1/4	167,618	1/4	178,056	1/4	188,494	1/4
1/2		11,275	1/2	26,312	1/2	41,296	1/2	56,336	1/2	71,383	1/2	86,431	1/2	101,478	1/2	116,525	1/2	131,573	1/2	146,437	1/2	157,397	1/2	167,835	1/2	178,273	1/2	188,712	1/2
3/4		11,588	3/4	26,625	3/4	41,608	3/4	56,650	3/4	71,697	3/4	86,744	3/4	101,792	3/4	116,839	3/4	131,886	3/4	146,715	3/4	157,615	3/4	168,053	3/4	178,491	3/4	188,929	3/4
9		11,901	9	26,939	9	41,920	9	56,963	9	72,010	9	87,058	9	102,105	9	117,152	9	132,200	9	146,993	9	157,832	9	168,270	9	178,708	9	189,147	9
1/4		12,215	1/4	27,252	1/4	42,232	1/4	57,277	1/4	72,324	1/4	87,371	1/4	102,419	1/4	117,466	1/4	132,513	1/4	147,257	1/4	158,049	1/4	168,488	1/4	178,926	1/4	189,364	1/4
1/2		12,528	1/2	27,565	1/2	42,544	1/2	57,590	1/2	72,637	1/2	87,685	1/2	102,732	1/2	117,779	1/2	132,827	1/2	147,520	1/2	158,267	1/2	168,705	1/2	179,143	1/2	189,582	1/2
3/4		12,841	3/4	27,879	3/4	42,856	3/4	57,904	3/4	72,951	3/4	87,998	3/4	103,046	3/4	118,093	3/4	133,140	3/4	147,784	3/4	158,484	3/4	168,923	3/4	179,361	3/4	189,799	3/4
10		13,154	10	28,191	10	43,170	10	58,217	10	73,264	10	88,312	10	103,359	10	118,406	10	133,454	10	148,048	10	158,702	10	169,140	10	179,578	10	190,016	10



BARGE "HFL-401"
HINES FURLONG LINE

INNAGE TABLE

3 STAR

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

HULL NO. 4593

ROLL NO. 4555																													
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	45,678	0	60,725	0	75,772	0	90,820	0	105,867	0	120,914	0	135,962	0	149,987	0	160,442	0	170,880	0	181,318	0	191,756
1/4	1,161	1/4	15,974	1/4	30,999	1/4	45,991	1/4	61,038	1/4	76,086	1/4	91,133	1/4	106,180	1/4	121,228	1/4	136,275	1/4	150,210	1/4	160,659	1/4	171,097	1/4	181,535	1/4	191,974
1/2	1,384	1/2	16,287	1/2	31,311	1/2	46,305	1/2	61,352	1/2	76,399	1/2	91,447	1/2	106,494	1/2	121,541	1/2	136,589	1/2	150,433	1/2	160,876	1/2	171,315	1/2	181,753	1/2	192,175
3/4	1,608	3/4	16,600	3/4	31,623	3/4	46,618	3/4	61,665	3/4	76,713	3/4	91,760	3/4	106,807	3/4	121,855	3/4	136,902	3/4	150,656	3/4	161,094	3/4	171,532	3/4	181,970	3/4	192,376
1	1,899	1	16,914	1	31,935	1	46,932	1	61,979	1	77,026	1	92,073	1	107,121	1	122,168	1	137,215	1	150,873	1	161,311	1	171,750	1	182,188	1	192,578
1/4	2,190	1/4	17,227	1/4	32,247	1/4	47,245	1/4	62,292	1/4	77,340	1/4	92,387	1/4	107,434	1/4	122,482	1/4	137,529	1/4	151,091	1/4	161,529	1/4	171,967	1/4	182,405	1/4	192,779
1/2	2,503	1/2	17,540	1/2	32,559	1/2	47,558	1/2	62,606	1/2	77,653	1/2	92,700	1/2	107,748	1/2	122,795	1/2	137,842	1/2	151,308	1/2	161,746	1/2	172,185	1/2	182,623	1/2	192,948
3/4	2,816	3/4	17,854	3/4	32,871	3/4	47,872	3/4	62,919	3/4	77,967	3/4	93,014	3/4	108,061	3/4	123,109	3/4	138,156	3/4	151,526	3/4	161,964	3/4	172,402	3/4	182,840	3/4	193,117
2	3,129	2	18,167	2	33,183	2	48,185	2	63,233	2	78,280	2	93,327	2	108,375	2	123,422	2	138,469	2	151,743	2	162,181	2	172,619	2	183,058	2	193,286
1/4	3,443	1/4	18,480	1/4	33,495	1/4	48,499	1/4	63,546	1/4	78,594	1/4	93,641	1/4	108,688	1/4	123,736	1/4	138,783	1/4	151,960	1/4	162,399	1/4	172,837	1/4	183,275	1/4	193,455
1/2	3,756	1/2	18,793	1/2	33,807	1/2	48,812	1/2	63,860	1/2	78,907	1/2	93,954	1/2	109,002	1/2	124,049	1/2	139,096	1/2	152,178	1/2	162,616	1/2	173,054	1/2	183,493	1/2	193,592
3/4	4,069	3/4	19,107	3/4	34,119	3/4	49,126	3/4	64,173	3/4	79,221	3/4	94,268	3/4	109,315	3/4	124,363	3/4	139,410	3/4	152,395	3/4	162,834	3/4	173,272	3/4	183,710	3/4	193,729
3	4,383	3	19,420	3	34,431	3	49,439	3	64,487	3	79,534	3	94,581	3	109,629	3	124,676	3	139,723	3	152,613	3	163,051	3	173,489	3	183,928	3	193,866
1/4	4,696	1/4	19,733	1/4	34,743	1/4	49,753	1/4	64,800	1/4	79,848	1/4	94,895	1/4	109,942	1/4	124,990	1/4	140,037	1/4	152,830	1/4	163,269	1/4	173,707	1/4	184,145	1/4	194,003
1/2	5,009	1/2	20,047	1/2	35,055	1/2	50,066	1/2	65,114	1/2	80,161	1/2	95,208	1/2	110,256	1/2	125,303	1/2	140,350	1/2	153,048	1/2	163,486	1/2	173,924	1/2	184,362	1/2	194,107
3/4	5,322	3/4	20,360	3/4	35,367	3/4	50,380	3/4	65,427	3/4	80,475	3/4	95,522	3/4	110,569	3/4	125,616	3/4	140,664	3/4	153,265	3/4	163,703	3/4	174,142	3/4	184,580	3/4	194,212
4	5,636	4	20,673	4	35,679	4	50,693	4	65,741	4	80,788	4	95,835	4	110,883	4	125,930	4	140,977	4	153,483	4	163,921	4	174,359	4	184,797	4	194,317
1/4	5,949	1/4	20,986	1/4	35,991	1/4	51,007	1/4	66,054	1/4	81,101	1/4	96,149	1/4	111,196	1/4	126,243	1/4	141,291	1/4	153,700	1/4	164,138	1/4	174,577	1/4	185,015	1/4	194,421
1/2	6,262	1/2	21,300	1/2	36,303	1/2	51,320	1/2	66,368	1/2	81,415	1/2	96,462	1/2	111,510	1/2	126,557	1/2	141,604	1/2	153,918	1/2	164,356	1/2	174,794	1/2	185,232	1/2	194,494
3/4	6,576	3/4	21,613	3/4	36,615	3/4	51,634	3/4	66,681	3/4	81,728	3/4	96,776	3/4	111,823	3/4	126,870	3/4	141,918	3/4	154,135	3/4	164,573	3/4	175,012	3/4	185,450	3/4	194,566
5	6,889	5	21,926	5	36,928	5	51,947	5	66,995	5	82,042	5	97,089	5	112,137	5	127,184	5	142,231	5	154,353	5	164,791	5	175,229	5	185,667	5	194,638
1/4	7,202	1/4	22,239	1/4	37,240	1/4	52,261	1/4	67,308	1/4	82,355	1/4	97,403	1/4	112,450	1/4	127,497	1/4	142,545	1/4	154,570	1/4	165,008	1/4	175,446	1/4	185,885	1/4	194,711
1/2	7,515	1/2	22,553	1/2	37,552	1/2	52,574	1/2	67,622	1/2	82,669	1/2	97,716	1/2	112,764	1/2	127,811	1/2	142,858	1/2	154,787	1/2	165,226	1/2	175,664	1/2	186,102	1/2	194,751
3/4	7,829	3/4	22,866	3/4	37,864	3/4	52,888	3/4	67,935	3/4	82,982	3/4	98,030	3/4	113,077	3/4	128,124	3/4	143,172	3/4	155,005	3/4	165,443	3/4	175,881	3/4	186,320	3/4	194,791
6	8,142	6	23,179	6	38,176	6	53,201	6	68,249	6	83,296	6	98,343	6	113,391	6	128,438	6	143,485	6	155,222	6	165,661	6	176,099	6	186,537	6	194,831
1/4	8,455	1/4	23,493	1/4	38,488	1/4	53,515	1/4	68,562	1/4	83,609	1/4	98,657	1/4	113,704	1/4	128,751	1/4	143,792	1/4	155,440	1/4	165,878	1/4	176,316	1/4	186,755	1/4	194,871
1/2	8,768	1/2	23,806	1/2	38,800	1/2	53,828	1/2	68,876	1/2	83,923	1/2	98,970	1/2	114,018	1/2	129,065	1/2	144,098	1/2	155,657	1/2	166,096	1/2	176,534	1/2	186,972	1/2	194,883
3/4	9,082	3/4	24,119	3/4	39,112	3/4	54,142	3/4	69,189	3/4	84,236	3/4	99,284	3/4	114,331	3/4	129,378	3/4	144,405	3/4	155,875	3/4	166,313	3/4	176,751	3/4	187,189	3/4	194,895
7	9,395	7	24,432	7	39,424	7	54,455	7	69,503	7	84,550	7	99,597	7	114,644	7	129,692	7	144,711	7	156,092	7	166,530	7	176,969	7	187,407	7	194,907
1/4	9,708	1/4	24,746	1/4	39,736	1/4	54,769	1/4	69,816	1/4	84,863	1/4	99,911	1/4	114,958	1/4	130,005	1/4	145,004	1/4	156,310	1/4	166,748	1/4	177,186	1/4	187,624	1/4	
1/2	10,022	1/2	25,059	1/2	40,048	1/2	55,082	1/2	70,129	1/2	85,177	1/2	100,224	1/2	115,271	1/2	130,319	1/2	145,296	1/2	156,527	1/2	166,965	1/2	177,404	1/2	187,842	1/2	
3/4	10,335	3/4	25,372	3/4	40,360	3/4	55,396	3/4	70,443	3/4	85,490	3/4	100,538	3/4	115,585	3/4	130,632	3/4	145,588	3/4	156,745	3/4	167,183	3					



BARGE "HFL-401"
HINES FURLONG LINE

OUTAGE TABLE

1 PORT

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

HULL NO. 4593

HULL NO. 4593																															
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.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	0	0	213,637	0	200,286	0	185,240	0	170,194	0	155,147	0	140,101	0	125,054	0	110,008	0	94,962	0	79,915	0	64,869	0	49,823	0	34,776	0	19,743	0	5,586
1/4	1/4	1/4	213,532	1/4	199,973	1/4	184,927	1/4	169,880	1/4	154,834	1/4	139,787	1/4	124,741	1/4	109,695	1/4	94,648	1/4	79,602	1/4	64,556	1/4	49,509	1/4	34,463	1/4	19,432	1/4	5,306
1/2	1/2	1/2	213,382	1/2	199,659	1/2	184,613	1/2	169,567	1/2	154,520	1/2	139,474	1/2	124,428	1/2	109,381	1/2	94,335	1/2	79,288	1/2	64,242	1/2	49,196	1/2	34,149	1/2	19,121	1/2	5,026
3/4	3/4	3/4	213,231	3/4	199,346	3/4	184,300	3/4	169,253	3/4	154,207	3/4	139,160	3/4	124,114	3/4	109,068	3/4	94,021	3/4	78,975	3/4	63,929	3/4	48,882	3/4	33,836	3/4	18,810	3/4	4,746
1	1	1	213,080	1	199,032	1	183,986	1	168,940	1	153,893	1	138,847	1	123,801	1	108,754	1	93,708	1	78,662	1	63,615	1	48,569	1	33,522	1	18,504	1	4,471
1/4	1/4	1/4	212,929	1/4	198,719	1/4	183,673	1/4	168,626	1/4	153,580	1/4	138,534	1/4	123,487	1/4	108,441	1/4	93,394	1/4	78,348	1/4	63,302	1/4	48,255	1/4	33,209	1/4	18,198	1/4	4,195
1/2	1/2	1/2	212,732	1/2	198,406	1/2	183,359	1/2	168,313	1/2	153,266	1/2	138,220	1/2	123,174	1/2	108,127	1/2	93,081	1/2	78,035	1/2	62,988	1/2	47,942	1/2	32,895	1/2	17,893	1/2	3,920
3/4	3/4	3/4	212,535	3/4	198,092	3/4	183,046	3/4	167,999	3/4	152,953	3/4	137,907	3/4	122,860	3/4	107,814	3/4	92,767	3/4	77,721	3/4	62,675	3/4	47,628	3/4	32,582	3/4	17,587	3/4	3,645
2	2	2	212,337	2	197,779	2	182,732	2	167,686	2	152,640	2	137,593	2	122,547	2	107,500	2	92,454	2	77,408	2	62,361	2	47,315	2	32,269	2	17,281	2	3,370
1/4	1/4	1/4	212,140	1/4	197,465	1/4	182,419	1/4	167,372	1/4	152,326	1/4	137,280	1/4	122,233	1/4	107,187	1/4	92,141	1/4	77,094	1/4	62,048	1/4	47,001	1/4	31,955	1/4	16,975	1/4	3,095
1/2	1/2	1/2	211,896	1/2	197,152	1/2	182,105	1/2	167,059	1/2	152,013	1/2	136,966	1/2	121,920	1/2	106,873	1/2	91,827	1/2	76,781	1/2	61,734	1/2	46,688	1/2	31,642	1/2	16,669	1/2	2,820
3/4	3/4	3/4	211,652	3/4	196,838	3/4	181,792	3/4	166,745	3/4	151,699	3/4	136,653	3/4	121,606	3/4	106,560	3/4	91,514	3/4	76,467	3/4	61,421	3/4	46,375	3/4	31,328	3/4	16,364	3/4	2,545
3	3	3	211,409	3	196,525	3	181,478	3	166,432	3	151,386	3	136,339	3	121,293	3	106,247	3	91,200	3	76,154	3	61,107	3	46,061	3	31,015	3	16,063	3	2,275
1/4	1/4	1/4	211,165	1/4	196,211	1/4	181,165	1/4	166,119	1/4	151,072	1/4	136,026	1/4	120,979	1/4	105,933	1/4	90,887	1/4	75,840	1/4	60,794	1/4	45,748	1/4	30,701	1/4	15,762	1/4	2,005
1/2	1/2	1/2	210,875	1/2	195,898	1/2	180,851	1/2	165,805	1/2	150,759	1/2	135,712	1/2	120,666	1/2	105,620	1/2	90,573	1/2	75,527	1/2	60,480	1/2	45,434	1/2	30,388	1/2	15,462	1/2	1,752
3/4	3/4	3/4	210,584	3/4	195,584	3/4	180,538	3/4	165,492	3/4	150,445	3/4	135,399	3/4	120,353	3/4	105,306	3/4	90,260	3/4	75,213	3/4	60,167	3/4	45,121	3/4	30,074	3/4	15,161	3/4	1,500
4	4	4	210,294	4	195,271	4	180,225	4	165,178	4	150,132	4	135,085	4	120,039	4	104,993	4	89,946	4	74,900	4	59,854	4	44,807	4	29,761	4	14,860	4	1,301
1/4	1/4	1/4	210,004	1/4	194,957	1/4	179,911	1/4	164,865	1/4	149,818	1/4	134,772	1/4	119,726	1/4	104,679	1/4	89,633	1/4	74,586	1/4	59,540	1/4	44,494	1/4	29,447	1/4	14,560	1/4	1,102
1/2	1/2	1/2	209,690	1/2	194,644	1/2	179,598	1/2	164,551	1/2	149,505	1/2	134,458	1/2	119,412	1/2	104,366	1/2	89,319	1/2	74,273	1/2	59,227	1/2	44,180	1/2	29,134	1/2	14,259	1/2	903
3/4	3/4	3/4	209,377	3/4	194,330	3/4	179,284	3/4	164,238	3/4	149,191	3/4	134,145	3/4	119,099	3/4	104,052	3/4	89,006	3/4	73,960	3/4	58,913	3/4	43,867	3/4	28,820	3/4	13,958	3/4	
5	5	5	209,063	5	194,017	5	178,971	5	163,924	5	148,878	5	133,832	5	118,785	5	103,739	5	88,692	5	73,646	5	58,600	5	43,553	5	28,507	5	13,663	5	
1/4	1/4	1/4	208,750	1/4	193,704	1/4	178,657	1/4	163,611	1/4	148,564	1/4	133,518	1/4	118,472	1/4	103,425	1/4	88,379	1/4	73,333	1/4	58,286	1/4	43,240	1/4	28,194	1/4	13,367	1/4	
1/2	1/2	1/2	208,436	1/2	193,390	1/2	178,344	1/2	163,297	1/2	148,251	1/2	133,205	1/2	118,158	1/2	103,112	1/2	88,066	1/2	73,019	1/2	57,973	1/2	42,926	1/2	27,880	1/2	13,072	1/2	
3/4	3/4	3/4	208,123	3/4	193,077	3/4	178,030	3/4	162,984	3/4	147,938	3/4	132,891	3/4	117,845	3/4	102,798	3/4	87,752	3/4	72,706	3/4	57,659	3/4	42,613	3/4	27,567	3/4	12,776	3/4	
6	6	6	207,810	6	192,763	6	177,717	6	162,670	6	147,624	6	132,578	6	117,531	6	102,485	6	87,439	6	72,392	6	57,346	6	42,299	6	27,253	6	12,480	6	
1/4	1/4	1/4	207,496	1/4	192,450	1/4	177,403	1/4	162,357	1/4	147,311	1/4	132,264	1/4	117,218	1/4	102,171	1/4	87,125	1/4	72,079	1/4	57,032	1/4	41,986	1/4	26,940	1/4	12,185	1/4	
1/2	1/2	1/2	207,183	1/2	192,136	1/2	177,090	1/2	162,043	1/2	146,997	1/2	131,951	1/2	116,904	1/2	101,858	1/2	86,812	1/2	71,765	1/2	56,719	1/2	41,673	1/2	26,626	1/2	11,889	1/2	
3/4	3/4	3/4	206,869	3/4	191,823	3/4	176,776	3/4	161,730	3/4	146,684	3/4	131,637	3/4	116,591	3/4	101,545	3/4	86,498	3/4	71,452	3/4	56,405	3/4	41,359	3/4	26,313	3/4	11,594	3/4	
7	7	7	206,556	7	191,509	7	176,463	7	161,417	7	146,370	7	131,324	7	116,277	7	101,231	7	86,185	7	71,138	7	56,092	7	41,046	7	25,999	7	11,303	7	
1/4	1/4	1/4	206,242	1/4	191,196	1/4	176,149	1/4	161,103	1/4	146,057	1/4	131,010	1/4	115,964	1/4	100,918	1/4	85,871	1/4	70,825	1/4	55,779	1/4	40,732	1/4	25,686	1/4	11,0		



BARGE "HFL-401"
HINES FURLONG LINE

OUTAGE TABLE

1 STAR

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

HULL NO. 4593

ROLL NO. 1000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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	213,637	0	200,286	0	185,240	0	170,194	0	155,147	0	140,101	0	125,054	0	110,008	0	94,962	0	79,915	0	64,869	0	49,823	0	34,776	0	19,743	0	5,586																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					</



BARGE "HFL-401"
HINES FURLONG LINE

OUTAGE TABLE

2 PORT

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

HULL NO. 4593

ROLL 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	215,624	0	202,319	0	187,270	0	172,187	0	157,105	0	142,023	0	126,941	0	111,859	0	96,776	0	81,694	0	66,612	0	51,530	0	36,448	0	21,366	0	6,283																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							



BARGE "HFL-401"
HINES FURLONG LINE

OUTAGE TABLE

2 STAR

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

HULL NO. 4593

ROLL NO. 4593																															
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	215,624	0	202,319	0	187,270	0	172,187	0	157,105	0	142,023	0	126,941	0	111,859	0	96,776	0	81,694	0	66,612	0	51,530	0	36,448	0	21,366	0	6,283
1/4		1/4	215,519	1/4	202,007	1/4	186,955	1/4	171,873	1/4	156,791	1/4	141,709	1/4	126,627	1/4	111,544	1/4	96,462	1/4	81,380	1/4	66,298	1/4	51,216	1/4	36,134	1/4	21,051	1/4	5,969
1/2		1/2	215,368	1/2	201,695	1/2	186,641	1/2	171,559	1/2	156,477	1/2	141,395	1/2	126,312	1/2	111,230	1/2	96,148	1/2	81,066	1/2	65,984	1/2	50,902	1/2	35,819	1/2	20,737	1/2	5,655
3/4		3/4	215,217	3/4	201,383	3/4	186,327	3/4	171,245	3/4	156,163	3/4	141,080	3/4	125,998	3/4	110,916	3/4	95,834	3/4	80,752	3/4	65,669	3/4	50,587	3/4	35,505	3/4	20,423	3/4	5,341
1		1	215,066	1	201,071	1	186,013	1	170,930	1	155,848	1	140,766	1	125,684	1	110,602	1	95,520	1	80,437	1	65,355	1	50,273	1	35,191	1	20,109	1	5,027
1/4		1/4	214,915	1/4	200,759	1/4	185,698	1/4	170,616	1/4	155,534	1/4	140,452	1/4	125,370	1/4	110,288	1/4	95,205	1/4	80,123	1/4	65,041	1/4	49,959	1/4	34,877	1/4	19,795	1/4	4,712
1/2		1/2	214,717	1/2	200,447	1/2	185,384	1/2	170,302	1/2	155,220	1/2	140,138	1/2	125,056	1/2	109,973	1/2	94,891	1/2	79,809	1/2	64,727	1/2	49,645	1/2	34,562	1/2	19,480	1/2	4,398
3/4		3/4	214,519	3/4	200,135	3/4	185,070	3/4	169,988	3/4	154,906	3/4	139,824	3/4	124,741	3/4	109,659	3/4	94,577	3/4	79,495	3/4	64,413	3/4	49,330	3/4	34,248	3/4	19,166	3/4	4,084
2		2	214,321	2	199,823	2	184,756	2	169,674	2	154,591	2	139,509	2	124,427	2	109,345	2	94,263	2	79,181	2	64,098	2	49,016	2	33,934	2	18,852	2	3,770
1/4		1/4	214,124	1/4	199,511	1/4	184,442	1/4	169,359	1/4	154,277	1/4	139,195	1/4	124,113	1/4	109,031	1/4	93,949	1/4	78,866	1/4	63,784	1/4	48,702	1/4	33,620	1/4	18,538	1/4	3,456
1/2		1/2	213,879	1/2	199,199	1/2	184,127	1/2	169,045	1/2	153,963	1/2	138,881	1/2	123,799	1/2	108,717	1/2	93,634	1/2	78,552	1/2	63,470	1/2	48,388	1/2	33,306	1/2	18,223	1/2	3,141
3/4		3/4	213,635	3/4	198,887	3/4	183,813	3/4	168,731	3/4	153,649	3/4	138,567	3/4	123,484	3/4	108,402	3/4	93,320	3/4	78,238	3/4	63,156	3/4	48,074	3/4	32,991	3/4	17,909	3/4	2,827
3		3	213,391	3	198,575	3	183,499	3	168,417	3	153,335	3	138,252	3	123,170	3	108,088	3	93,006	3	77,924	3	62,842	3	47,759	3	32,677	3	17,595	3	2,513
1/4		1/4	213,146	1/4	198,263	1/4	183,185	1/4	168,103	1/4	153,020	1/4	137,938	1/4	122,856	1/4	107,774	1/4	92,692	1/4	77,610	1/4	62,527	1/4	47,445	1/4	32,363	1/4	17,281	1/4	2,199
1/2		1/2	212,858	1/2	197,951	1/2	182,871	1/2	167,788	1/2	152,706	1/2	137,624	1/2	122,542	1/2	107,460	1/2	92,377	1/2	77,295	1/2	62,213	1/2	47,131	1/2	32,049	1/2	16,967	1/2	1,907
3/4		3/4	212,569	3/4	197,639	3/4	182,556	3/4	167,474	3/4	152,392	3/4	137,310	3/4	122,228	3/4	107,145	3/4	92,063	3/4	76,981	3/4	61,899	3/4	46,817	3/4	31,735	3/4	16,652	3/4	1,615
4		4	212,280	4	197,324	4	182,242	4	167,160	4	152,078	4	136,996	4	121,913	4	106,831	4	91,749	4	76,667	4	61,585	4	46,503	4	31,420	4	16,338	4	1,391
1/4		1/4	211,991	1/4	197,010	1/4	181,928	1/4	166,846	1/4	151,764	1/4	136,681	1/4	121,599	1/4	106,517	1/4	91,435	1/4	76,353	1/4	61,271	1/4	46,188	1/4	31,106	1/4	16,024	1/4	1,166
1/2		1/2	211,679	1/2	196,696	1/2	181,614	1/2	166,532	1/2	151,449	1/2	136,367	1/2	121,285	1/2	106,203	1/2	91,121	1/2	76,038	1/2	60,956	1/2	45,874	1/2	30,792	1/2	15,710	1/2	* 942
3/4		3/4	211,367	3/4	196,382	3/4	181,299	3/4	166,217	3/4	151,135	3/4	136,053	3/4	120,971	3/4	105,889	3/4	90,806	3/4	75,724	3/4	60,642	3/4	45,560	3/4	30,478	3/4	15,396	3/4	
5		5	211,055	5	196,067	5	180,985	5	165,903	5	150,821	5	135,739	5	120,657	5	105,574	5	90,492	5	75,410	5	60,328	5	45,246	5	30,164	5	15,081	5	
1/4		1/4	210,743	1/4	195,753	1/4	180,671	1/4	165,589	1/4	150,507	1/4	135,425	1/4	120,342	1/4	105,260	1/4	90,178	1/4	75,096	1/4	60,014	1/4	44,931	1/4	29,849	1/4	14,767	1/4	



BARGE "HFL-401"
HINES FURLONG LINE

OUTAGE TABLE

3 PORT

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

HULL NO. 4593

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BARGE "HFL-401"
HINES FURLONG LINE

OUTAGE TABLE

3 STAR

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

HULL NO. 4593

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0		0	194,494	0	185,232	0	174,794	0	164,356	0	153,918	0	141,604	0	126,557	0	111,510	0	96,462	0	81,415	0	66,368	0	51,320	0	36,303	0	21,300	0	6,262																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					



BARGE "HFL-401"
HINES FURLONG LINE

OUTAGE TABLE

PORT SLOP TANK

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

HULL NO. 4593

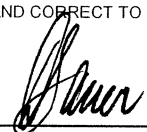
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IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	4,222	0	3,050	0	1,879	0	708	0		0		0		0		0		0		0		0	
1/4		1/4		1/4		1/4	4,197	1/4	3,026	1/4	1,855	1/4	683	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2	4,173	1/2	3,002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

CAPACITIES GIVEN IN U.S. GALLONS

STRAPPED: 11/12/07

REFERENCE GAUGE HEIGHT : 6'-7 1/4" (RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK)

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INSPECTORATE AMERICA CORPORATION



BARGE "HFL-401"
HINES FURLONG LINE

OUTAGE TABLE

STAR SLOP TANK

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

HULL NO. 4593

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

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HINES FURLONG LINE

INNAGE TABLE

PORT SLOP TANK

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HULL NO. 4593

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													

CAPACITIES GIVEN IN U.S. GALLONS

STRAPPED: 11/12/07

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.

INSPECTORATE AMERICA CORPORATION

BARGE "HFL-401"
HINES FURLONG LINE

INNAGE TABLE

STAR SLOP TANK

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

HULL NO. 4593

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															

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Bauer

INSPECTORATE AMERICA CORPORATION