



BARGE "MPC 307"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8	01-1/4	- 01-1/4
1 STBD	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8	01-1/4	- 01-1/4
2 PORT	00-1/4	00-1/4	00-5/8	00-5/8	00-7/8	00-7/8	01-1/4	01-1/4	01-1/2	01-1/2	01-3/4	01-3/4
2 STBD	00-1/4	00-1/4	00-5/8	00-5/8	00-7/8	00-7/8	01-1/4	01-1/4	01-1/2	01-1/2	01-3/4	01-3/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-3/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 3'-11 5/8"

LENGTH BETWEEN DRAFT MARKS: 134'-00"

July 26, 2014

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "MPC 307"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS												FORMERLY "HFL 307"												GAUGE HEIGHT 15'-10"																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
IN		0 FT.		IN		1 FT.		IN		2 FT.		IN		3 FT.		IN		4 FT.		IN		5 FT.		IN		6 FT.		IN		7 FT.		IN		8 FT.		IN		9 FT.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
0	636	0	11,636	0	23,048	0	34,400	0	45,779	0	57,191	0	68,604	0	80,016	0	91,427	0	102,833	0	114,244	0	125,655	0	137,066	0	148,477	0	159,888	0	171,299	0	182,710	0	194,121	0	205,532	0	216,943	0	228,354	0	239,765	0	251,176	0	262,587	0	274,000	0	285,411	0	296,822	0	308,233	0	319,644	0	331,055	0	342,466	0	353,877	0	365,288	0	376,699	0	388,110	0	399,521	0	410,932	0	422,343	0	433,754	0	445,165	0	456,576	0	467,987	0	479,398	0	490,809	0	502,220	0	513,631	0	525,042	0	536,453	0	547,864	0	559,275	0	570,686	0	582,097	0	593,508	0	604,919	0	616,330	0	627,741	0	639,152	0	650,563	0	661,974	0	673,385	0	684,796	0	696,207	0	707,618	0	719,029	0	730,440	0	741,851	0	753,262	0	764,673	0	776,084	0	787,495	0	798,906	0	810,317	0	821,728	0	833,139	0	844,550	0	855,961	0	867,372	0	878,783	0	890,194	0	901,605	0	913,016	0	924,427	0	935,838	0	947,249	0	958,660	0	970,071	0	981,482	0	992,893	0	1004,304	0	1015,715	0	1027,126	0	1038,537	0	1049,948	0	1061,359	0	1072,770	0	1084,181	0	1095,592	0	1107,003	0	1118,414	0	1129,825	0	1141,236	0	1152,647	0	1164,058	0	1175,469	0	1186,880	0	1198,291	0	1209,702	0	1221,113	0	1232,524	0	1243,935	0	1255,346	0	1266,757	0	1278,168	0	1289,579	0	1300,990	0	1312,401	0	1323,812	0	1335,223	0	1346,634	0	1358,045	0	1369,456	0	1380,867	0	1392,278	0	1403,689	0	1415,100	0	1426,511	0	1437,922	0	1449,333	0	1460,744	0	1472,155	0	1483,566	0	1494,977	0	1506,388	0	1517,799	0	1529,210	0	1540,621	0	1552,032	0	1563,443	0	1574,854	0	1586,265	0	1597,676	0	1609,087	0	1620,498	0	1631,909	0	1643,320	0	1654,731	0	1666,142	0	1677,553	0	1688,964	0	1700,375	0	1711,786	0	1723,197	0	1734,608	0	1746,019	0	1757,430	0	1768,841	0	1780,252	0	1791,663	0	1803,074	0	1814,485	0	1825,896	0	1837,307	0	1848,718	0	1860,129	0	1871,540	0	1882,951	0	1894,362	0	1905,773	0	1917,184	0	1928,595	0	1940,006	0	1951,417	0	1962,828	0	1974,239	0	1985,650	0	1997,061	0	2008,472	0	2019,883	0	2031,294	0	2042,705	0	2054,116	0	2065,527	0	2076,938	0	2088,349	0	2099,760	0	2111,171	0	2122,582	0	2133,993	0	2145,404	0	2156,815	0	2168,226	0	2179,637	0	2191,048	0	2202,459	0	2213,870	0	2225,281	0	2236,692	0	2248,103	0	2259,514	0	2270,925	0	2282,336	0	2293,747	0	2305,158	0	2316,569	0	2327,980	0	2339,391	0	2350,802	0	2362,213	0	2373,624	0	2385,035	0	2396,446	0	2407,857	0	2419,268	0	2430,679	0	2442,090	0	2453,501	0	2464,912	0	2476,323	0	2487,734	0	2499,145	0	2510,556	0	2521,967	0	2533,378	0	2544,789	0	2556,200	0	2567,611	0	2579,022	0	2590,433	0	2601,844	0	2613,255	0	2624,666	0	2636,077	0	2647,488	0	2658,899	0	2670,310	0	2681,721	0	2693,132	0	2704,543	0	2715,954	0	2727,365	0	2738,776	0	2750,187	0	2761,598	0	2773,009	0	2784,420	0	2795,831	0	2807,242	0	2818,653	0	2830,064	0	2841,475	0	2852,886	0	2864,297	0	2875,708	0	2887,119	0	2898,530	0	2909,941	0	2921,352	0	2932,763	0	2944,174	0	2955,585	0	2966,996	0	2978,407	0	2989,818	0	3001,229	0	3012,640	0	3024,051	0	3035,462	0	3046,873	0	3058,284	0	3069,695	0	3081,106	0	3092,517	0	3103,928	0	3115,339	0	3126,750	0	3138,161	0	3149,572	0	3160,983	0	3172,394	0	3183,805	0	3195,216	0	3206,627	0	3218,038	0	3229,449	0	3240,860	0	3252,271	0	3263,682	0	3275,093	0	3286,504	0	3297,915	0	3309,326	0	3320,737	0	3332,148	0	3343,559	0	3354,970	0	3366,381	0	3377,792	0	3389,203	0	3400,614	0	3412,025	0	3423,436	0	3434,847	0	3446,258	0	3457,669	0	3469,080	0	3480,491	0	3491,902	0	3503,313	0	3514,724	0	3526,135	0	3537,546	0	3548,957	0	3560,368	0	3571,779	0	3583,190	0	3594,601	0	3606,012	0	3617,423	0	3628,834	0	3640,245	0	3651,656	0	3663,067	0	3674,478	0	3685,889	0	3697,300	0	3708,711	0	3720,122	0	3731,533	0	3742,944	0	3754,355	0	3765,766	0	3777,177	0	3788,588	0	3800,000	0	3811,411	0	3822,822	0	3834,233	0	3845,644	0	3857,055	0	3868,466	0	3879,877	0	3891,288	0	3902,699	0	3914,110	0	3925,521	0	3936,932	0	3948,343	0	3959,754	0	3971,165	0	3982,576	0	3993,987	0	4005,398	0	4016,809	0	4028,220	0	4039,631	0	4051,042	0	4062,453	0	4073,864	0	4085,275	0	4096,686	0	4108,097	0	4119,508	0	4130,919	0	4142,330	0	4153,741	0	4165,152	0	4176,563	0	4187,974	0	4199,385	0	4210,796	0	4222,207	0	4233,618	0	4245,029	0	4256,440	0	4267,851	0	4279,262	0	4290,673	0	4302,084	0	4313,495	0	4324,906	0	4336,317	0	4347,728	0	4359,139	0	4370,550	0	4381,961	0	4393,372	0	4404,783	0	4416,194	0	4427,605	0	4439,016	0	4450,427	0	4461,838	0	4473,249	0	4484,660	0	4496,071	0	4507,482	0	4518,893	0	4530,304	0	4541,715	0	4553,126	0	4564,537	0	4575,948	0	4587,359	0	4598,770	0	4610,181	0	4621,592	0	4633,003	0	4644,414	0	4655,825	0	4667,236	0	4678,647	0	4690,058	0	4701,469	0	4712,880	0	4724,291	0	4735,702	0	4747,113	0	4758,524	0	4769,935	0	4781,346	0	4792,757	0	4804,168	0	4815,579	0	4826,990	0	4838,401	0	4849,812	0	4861,223	0	4872,634	0	4884,045	0	4895,456	0	4906,867	0	4918,278	0	4929,689	0	4941,100	0	4952,511	0	4963,922	0	4975,333	0	4986,744	0	4998,155	0	5009,566	0	5020,977	0	5032,388	0	5043,799	0	5055,210	0	5066,621	0	5078,032	0	5089,443	0	5100,854	0	5112,265	0	5123,676	0	5135,087	0	5146,498	0	5157,909	0	5169,320	0	5180,731	0	5192,142	0	5203,553	0	5214,964	0	5226,375	0	5237,786	0	5249,197	0	5260,608	0	5272,019	0	5283,430	0	5294,841	0	5306,252	0	5317,663	0	5329,074	0	5340,485	0	5351,896	0	5363,307	0	5374,718	0	5386,129	0	5397,540	0	5408,951	0	5420,362	0	5431,773	0	5443,184	0	5454,595	0	5466,006	0	5477,417	0	5488,828	0	5500,239	0	5511,650	0	5523,061	0	5534,472	0	5545,883	0	5557,294	0	5568,705	0	5580,116	0	5591,527	0	5602,938	0	5614,349	0	5625,760	0	5637,171	0	5648,582	0	5660,000	0	5671,411	0	5682,822	0	5694,233	0	5705,644	0	5717,055	0	5728,466	0	5739,877	0	5751,288	0	5762,699	0	5774,110	0	5785,521	0	5796,932	0	5808,343	0	5819,754	0	5831,165	0	5842,576	0	5853,987	0	5865,398	0	5876,809	0	5888,220	0	5899,631	0	5911,042	0	5922,453	0	5933,864	0	5945,275	0	5956,686	0	5968,097	0	5979,508	0	5990,919	0	6002,330	0	6013,741	0	6025,152	0	6036,563	0	6047,974	0	6059,385	0	6070,796	0	6082,207	0	6093,618	0	6105,029	0	6116,440	0	6127,851	0	6139,262	0	6150,673	0	6162,084	0	6173,495	0	6184,906	0	6196,317	0	6207,728	0	6219,139	0	6230,550	0	6241,961	0	6253,372	0	6264,783	0	6276,194	0	6287,605	0	6299,016	0	6310,427	0	6321,838	0	6333,249	



BARGE "MPC 307"

1 PORT
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "HFL 307"

GAUGE HEIGHT 15'-10"

IN		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	114,239	1/4	125,645	1/4	136,992	1/4	148,335	1/4	159,600	1/4	170,827	1/4	182,012	1/4	193,155	1/4	204,255	1/4	215,312	1/4	226,326
1/2	114,476	1/2	126,119	1/2	137,465	1/2	148,808	1/2	160,055	1/2	171,202	1/2	182,349	1/2	193,496	1/2	204,643	1/2	215,790	1/2	226,937
3/4	114,714	3/4	126,357	3/4	137,701	3/4	149,044	3/4	160,282	3/4	171,520	3/4	182,758	3/4	193,996	3/4	205,234	3/4	216,472	3/4	227,710
1	115,189	1	126,594	1	137,937	1	149,280	1	160,510	1	171,740	1	182,970	1	194,200	1	205,430	1	216,660	1	227,890
1/4	115,427	1/4	126,830	1/4	138,173	1/4	149,517	1/4	160,715	1/4	171,913	1/4	183,111	1/4	194,309	1/4	205,507	1/4	216,705	1/4	227,903
1/2	115,664	1/2	127,066	1/2	138,410	1/2	149,753	1/2	160,920	1/2	172,118	1/2	183,316	1/2	194,514	1/2	205,712	1/2	216,910	1/2	228,108
3/4	115,902	3/4	127,303	3/4	138,646	3/4	149,989	3/4	161,124	3/4	172,322	3/4	183,520	3/4	194,718	3/4	205,916	3/4	217,114	3/4	228,312
2	116,140	2	127,539	2	138,882	2	150,226	2	161,329	2	172,432	2	183,535	2	194,638	2	205,741	2	216,844	2	227,947
1/4	116,377	1/4	127,775	1/4	139,119	1/4	150,462	1/4	161,495	1/4	172,598	1/4	183,601	1/4	194,704	1/4	205,807	1/4	216,910	1/4	228,013
1/2	116,615	1/2	128,012	1/2	139,356	1/2	150,698	1/2	161,660	1/2	172,763	1/2	183,766	1/2	194,869	1/2	205,972	1/2	217,075	1/2	228,178
3/4	116,853	3/4	128,248	3/4	139,591	3/4	150,933	3/4	161,825	3/4	172,928	3/4	184,031	3/4	195,134	3/4	206,237	3/4	217,340	3/4	228,441
3	117,090	3	128,484	3	139,828	3	151,169	3	161,991	3	173,113	3	184,235	3	195,357	3	206,479	3	217,602	3	228,723
1/4	117,328	1/4	128,721	1/4	140,064	1/4	151,404	1/4	162,144	1/4	173,266	1/4	184,388	1/4	195,532	1/4	206,676	1/4	217,846	1/4	228,989
1/2	117,565	1/2	128,957	1/2	140,300	1/2	151,638	1/2	162,377	1/2	173,500	1/2	184,640	1/2	195,772	1/2	206,916	1/2	218,084	1/2	229,237
3/4	117,803	3/4	129,193	3/4	140,537	3/4	151,873	3/4	162,617	3/4	173,739	3/4	184,881	3/4	196,013	3/4	207,145	3/4	218,321	3/4	229,479
4	118,041	4	129,430	4	140,773	4	152,107	4	162,859	4	173,981	4	185,103	4	196,225	4	207,347	4	218,469	4	229,623
1/4	118,278	1/4	129,666	1/4	141,009	1/4	152,342	1/4	163,082	1/4	174,204	1/4	185,326	1/4	196,468	1/4	207,600	1/4	218,732	1/4	229,859
1/2	118,516	1/2	129,902	1/2	141,246	1/2	152,577	1/2	163,319	1/2	174,441	1/2	185,585	1/2	196,717	1/2	207,849	1/2	218,974	1/2	230,101
3/4	118,754	3/4	130,139	3/4	141,482	3/4	152,811	3/4	163,556	3/4	174,676	3/4	185,818	3/4	196,952	3/4	208,084	3/4	219,216	3/4	230,343
5	118,991	5	130,375	5	141,718	5	153,046	5	163,792	5	174,918	5	186,044	5	197,170	5	208,296	5	219,422	5	230,589
1/4	119,229	1/4	130,611	1/4	141,955	1/4	153,280	1/4	164,029	1/4	175,155	1/4	186,281	1/4	197,407	1/4	208,533	1/4	219,658	1/4	230,831
1/2	119,466	1/2	130,848	1/2	142,191	1/2	153,515	1/2	164,266	1/2	175,392	1/2	186,514	1/2	197,644	1/2	208,770	1/2	219,895	1/2	231,068
3/4	119,704	3/4	131,084	3/4	142,427	3/4	153,749	3/4	164,497	3/4	175,624	3/4	186,756	3/4	197,891	3/4	208,996	3/4	220,131	3/4	231,306
6	119,942	6	131,320	6	142,664	6	153,984	6	164,732	6	175,859	6	187,117	6	198,275	6	209,433	6	220,393	6	231,554
1/4	120,179	1/4	131,557	1/4	142,900	1/4	154,219	1/4	164,969	1/4	176,088	1/4	187,347	1/4	198,506	1/4	209,665	1/4	220,822	1/4	231,812
1/2	120,417	1/2	131,793	1/2	143,136	1/2	154,453	1/2	165,192	1/2	176,311	1/2	187,570	1/2	198,729	1/2	209,888	1/2	221,050	1/2	232,074
3/4	120,655	3/4	132,029	3/4	143,372	3/4	154,688	3/4	165,424	3/4	176,547	3/4	187,806	3/4	199,064	3/4	210,156	3/4	221,312	3/4	232,310
7	120,892	7	132,265	7	143,609	7	154,922	7	165,659	7	176,788	7	188,047	7	199,306	7	210,565	7	221,571	7	232,568
1/4	121,130	1/4	132,502	1/4	143,845	1/4	155,157	1/4	166,016	1/4	177,135	1/4	188,404	1/4	199,673	1/4	210,944	1/4	221,859	1/4	232,816
1/2	121,367	1/2	132,738	1/2	144,081	1/2	155,391	1/2	166,250	1/2	177,369	1/2	188,638	1/2	199,907	1/2	211,172	1/2	222,131	1/2	233,089
3/4	121,605	3/4	132,974	3/4	144,318	3/4	155,626	3/4	166,488	3/4	177,607	3/4	188,876	3/4	200,145	3/4	211,410	3/4	222,369	3/4	233,327
8	121,843	8	133,211	8	144,554	8	155,860	8	166,729	8	177,848	8	189,117	8	200,386	8	211,655	8	222,634	8	233,585
1/4	122,080	1/4	133,447	1/4	144,790	1/4	156,095	1/4	167,014	1/4	178,133	1/4	189,402	1/4	200,671	1/4	211,940	1/4	222,919	1/4	233,832
1/2	122,318	1/2	133,683	1/2	145,027	1/2	156,329	1/2	167,248	1/2	178,367	1/2	189,636	1/2	200,905	1/2	212,174	1/2	223,153	1/2	234,081
3/4	122,556	3/4	133,920	3/4	145,263	3/4	156,563	3/4	167,487	3/4	178,606	3/4	189,875	3/4	201,143	3/4	212,412	3/4	223,390	3/4	234,319
9	122,793	9	134,156	9	145,499	9	156,798	9	167,721	9	178,840	9	190,109	9	201,378	9	212,647	9	223,619	9	234,558
1/4	123,031	1/4	134,392	1/4	145,735	1/4	157,032	1/4	168,151	1/4	179,270	1/4	190,539	1/4	201,808	1/4	213,077	1/4	224,058	1/4	234,797
1/2	123,268	1/2	134,629	1/2	145,972	1/2	157,266	1/2	168,385	1/2	179,504	1/2	190,774	1/2	202,043	1/2	213,316	1/2	224,320	1/2	235,031
3/4	123,506	3/4	134,865	3/4	146,208	3/4	157,500	3/4	168,617	3/4	179,736	3/4	191,005	3/4	202,274	3/4	213,549	3/4	224,553	3/4	235,264
10	123,744	10	135,101	10	146,445	10	157,734	10	168,859	10	180,128	10	191,397	10	202,666	10	213,938	10	224,802	10	235,502
1/4	123,981	1/4	135,338	1/4	146,681	1/4	157,968	1/4	169,087	1/4	180,356	1/4	191,625	1/4	202,894	1/4	214,173	1/4	225,071	1/4	235,740
1/2	124,219	1/2	135,574	1/2	146,917	1/2	158,202	1/2	169,321	1/2	180,590	1/2	191,859	1/2	203,128	1/2	214,406	1/2	225,309	1/2	236,000
3/4	124,457	3/4	135,810	3/4	147,154	3/4	158,435	3/4	169,559	3/4	180,824	3/4	192,093	3/4	203,367	3/4	214,639	3/4	225,543	3/4	236,234
11	124,694	11	136,047	11	147,390	11	158,669	11	169,788	11	181,057	11	192,326	11	203,595	11	214,864	11	226,133	11	236,472
1/4	124,932	1/4	136,283	1/4	147,626	1/4	158,902	1/4	170,021	1/4	181,290	1/4	192,559	1/4	203,828	1/4	215,093	1/4	226,377	1/4	236,710
1/2	125,169	1/2	136,519	1/2	147,863	1/2	159,134	1/2	170,255	1/2	181,524	1/2	192,793	1/2	204,062	1/2	215,331	1/2	226,611	1/2	236,948
3/4	125,407	3/4	136,756	3/4	148,099	3/4	159,367	3/4	170,492	3/4	181,761	3/4	193,030	3/4	204,299	3/4	215,570	3/4	226,850	3/4	237,186

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/08/2009 CL - SW
CALCULATED: 04/09/2009 CL
REPRINTED: 07/26/2014 CL
CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>

BARGE "MPC 307"

1 STBD
INNAE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "HFL 307"

GAUGE HEIGHT 15'-10"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	635	0	11,630	0	23,037	0	34,428	0	45,832	0	57,239	0	68,646	0	80,053	0	91,458	0	102,859
1/4	799	1/4	11,868	1/4	23,275	1/4	34,665	1/4	46,070	1/4	57,477	1/4	68,884	1/4	80,291	1/4	91,696	1/4	103,096
1/2	962	1/2	12,106	1/2	23,512	1/2	34,902	1/2	46,307	1/2	57,714	1/2	69,121	1/2	80,528	1/2	91,933	1/2	103,334
3/4	1,125	3/4	12,343	3/4	23,750	3/4	35,139	3/4	46,545	3/4	57,952	3/4	69,359	3/4	80,766	3/4	92,171	3/4	103,571
1	1,289	1	12,581	1	23,988	1	35,377	1	46,783	1	58,190	1	69,597	1	81,004	1	92,408	1	103,809
1 1/4	1,503	1 1/4	12,819	1 1/4	24,225	1 1/4	35,614	1 1/4	47,020	1 1/4	58,427	1 1/4	69,834	1 1/4	81,241	1 1/4	92,646	1 1/4	104,046
1 1/2	1,718	1 1/2	13,056	1 1/2	24,463	1 1/2	35,851	1 1/2	47,258	1 1/2	58,665	1 1/2	70,072	1 1/2	81,479	1 1/2	92,883	1 1/2	104,284
3/4	1,932	3/4	13,294	3/4	24,701	3/4	36,089	3/4	47,496	3/4	58,903	3/4	70,310	3/4	81,717	3/4	93,121	3/4	104,521
2	2,147	2	13,532	2	24,938	2	36,326	2	47,733	2	59,140	2	70,547	2	81,954	2	93,358	2	104,759
1 1/4	2,382	1 1/4	13,769	1 1/4	25,176	1 1/4	36,564	1 1/4	47,971	1 1/4	59,378	1 1/4	70,785	1 1/4	82,192	1 1/4	93,596	1 1/4	104,996
1 1/2	2,617	1 1/2	14,007	1 1/2	25,413	1 1/2	36,802	1 1/2	48,209	1 1/2	59,616	1 1/2	71,023	1 1/2	82,430	1 1/2	93,833	1 1/2	105,234
3/4	2,882	3/4	14,244	3/4	25,651	3/4	37,039	3/4	48,446	3/4	59,853	3/4	71,260	3/4	82,667	3/4	94,071	3/4	105,471
3	3,087	3	14,482	3	25,889	3	37,277	3	48,684	3	60,091	3	71,498	3	82,905	3	94,308	3	105,709
1 1/4	3,323	1 1/4	14,720	1 1/4	26,126	1 1/4	37,514	1 1/4	48,921	1 1/4	60,328	1 1/4	71,735	1 1/4	83,142	1 1/4	94,546	1 1/4	105,946
1 1/2	3,559	1 1/2	14,967	1 1/2	26,364	1 1/2	37,752	1 1/2	49,159	1 1/2	60,566	1 1/2	71,973	1 1/2	83,380	1 1/2	94,783	1 1/2	106,184
3/4	3,795	3/4	15,195	3/4	26,601	3/4	37,990	3/4	49,397	3/4	60,804	3/4	72,211	3/4	83,618	3/4	95,021	3/4	106,421
4	4,031	4	15,433	4	26,839	4	38,227	4	49,634	4	61,041	4	72,448	4	83,855	4	95,258	4	106,659
1 1/4	4,268	1 1/4	15,670	1 1/4	27,076	1 1/4	38,465	1 1/4	49,872	1 1/4	61,279	1 1/4	72,686	1 1/4	84,093	1 1/4	95,496	1 1/4	106,896
1 1/2	4,505	1 1/2	15,908	1 1/2	27,314	1 1/2	38,703	1 1/2	50,110	1 1/2	61,517	1 1/2	72,924	1 1/2	84,331	1 1/2	95,733	1 1/2	107,134
3/4	4,742	3/4	16,146	3/4	27,551	3/4	38,940	3/4	50,347	3/4	61,754	3/4	73,161	3/4	84,568	3/4	95,971	3/4	107,373
5	4,979	5	16,383	5	27,788	5	39,178	5	50,585	5	61,992	5	73,399	5	84,806	5	96,208	5	107,609
1 1/4	5,216	1 1/4	16,621	1 1/4	28,025	1 1/4	39,416	1 1/4	50,823	1 1/4	62,230	1 1/4	73,637	1 1/4	85,044	1 1/4	96,446	1 1/4	107,846
1 1/2	5,453	1 1/2	16,858	1 1/2	28,262	1 1/2	39,653	1 1/2	51,060	1 1/2	62,467	1 1/2	73,874	1 1/2	85,281	1 1/2	96,684	1 1/2	108,084
3/4	5,690	3/4	17,096	3/4	28,500	3/4	39,891	3/4	51,298	3/4	62,705	3/4	74,112	3/4	85,519	3/4	96,921	3/4	108,321
6	5,928	6	17,334	6	28,737	6	40,129	6	51,536	6	62,943	6	74,350	6	85,757	6	97,159	6	108,559
1 1/4	6,165	1 1/4	17,571	1 1/4	28,974	1 1/4	40,366	1 1/4	51,773	1 1/4	63,180	1 1/4	74,587	1 1/4	85,994	1 1/4	97,396	1 1/4	108,797
1 1/2	6,403	1 1/2	17,809	1 1/2	29,211	1 1/2	40,604	1 1/2	52,011	1 1/2	63,418	1 1/2	74,825	1 1/2	86,232	1 1/2	97,633	1 1/2	109,034
3/4	6,640	3/4	18,047	3/4	29,448	3/4	40,841	3/4	52,248	3/4	63,656	3/4	75,063	3/4	86,470	3/4	97,871	3/4	109,272
7	6,878	7	18,284	7	29,685	7	41,079	7	52,486	7	63,893	7	75,300	7	86,707	7	98,109	7	109,509
1 1/4	7,115	1 1/4	18,522	1 1/4	29,922	1 1/4	41,317	1 1/4	52,724	1 1/4	64,131	1 1/4	75,538	1 1/4	86,945	1 1/4	98,346	1 1/4	109,747
1 1/2	7,353	1 1/2	18,760	1 1/2	30,159	1 1/2	41,554	1 1/2	52,961	1 1/2	64,368	1 1/2	75,775	1 1/2	87,182	1 1/2	98,584	1 1/2	109,984
3/4	7,591	3/4	18,997	3/4	30,397	3/4	41,792	3/4	53,199	3/4	64,606	3/4	76,013	3/4	87,420	3/4	98,821	3/4	110,222
8	7,828	8	19,235	8	30,634	8	42,030	8	53,437	8	64,844	8	76,251	8	87,658	8	99,059	8	110,459
1 1/4	8,066	1 1/4	19,473	1 1/4	30,871	1 1/4	42,267	1 1/4	53,674	1 1/4	65,081	1 1/4	76,488	1 1/4	87,895	1 1/4	99,296	1 1/4	110,697
1 1/2	8,304	1 1/2	19,710	1 1/2	31,108	1 1/2	42,505	1 1/2	53,912	1 1/2	65,319	1 1/2	76,726	1 1/2	88,133	1 1/2	99,534	1 1/2	110,934
3/4	8,541	3/4	19,948	3/4	31,345	3/4	42,743	3/4	54,150	3/4	65,557	3/4	76,964	3/4	88,371	3/4	99,771	3/4	111,172
9	8,779	9	20,185	9	31,582	9	42,980	9	54,387	9	65,794	9	77,201	9	88,608	9	100,009	9	111,409
1 1/4	9,016	1 1/4	20,423	1 1/4	31,819	1 1/4	43,218	1 1/4	54,625	1 1/4	66,032	1 1/4	77,439	1 1/4	88,846	1 1/4	100,246	1 1/4	111,647
1 1/2	9,254	1 1/2	20,661	1 1/2	32,056	1 1/2	43,456	1 1/2	54,863	1 1/2	66,270	1 1/2	77,677	1 1/2	89,083	1 1/2	100,484	1 1/2	111,884
3/4	9,492	3/4	20,898	3/4	32,294	3/4	43,693	3/4	55,100	3/4	66,507	3/4	77,914	3/4	89,321	3/4	100,721	3/4	112,122
10	9,729	10	21,136	10	32,531	10	43,931	10	55,338	10	66,745	10	78,152	10	89,568	10	100,959	10	112,359
1 1/4	9,967	1 1/4	21,374	1 1/4	32,768	1 1/4	44,169	1 1/4	55,576	1 1/4	66,983	1 1/4	78,390	1 1/4	89,796	1 1/4	101,196	1 1/4	112,597
1 1/2	10,205	1 1/2	21,611	1 1/2	33,005	1 1/2	44,406	1 1/2	55,813	1 1/2	67,220	1 1/2	78,627	1 1/2	90,033	1 1/2	101,434	1 1/2	112,834
3/4	10,442	3/4	21,849	3/4	33,242	3/4	44,644	3/4	56,051	3/4	67,458	3/4	78,865	3/4	90,271	3/4	101,671	3/4	113,072
11	10,680	11	22,087	11	33,479	11	44,881	11	56,288	11	67,695	11	79,102	11	90,508	11	101,909	11	113,309
1 1/4	10,918	1 1/4	22,324	1 1/4	33,716	1 1/4	45,119	1 1/4	56,526	1 1/4	67,933	1 1/4	79,340	1 1/4	90,746	1 1/4	102,146	1 1/4	113,547
1 1/2	11,155	1 1/2	22,562	1 1/2	33,954	1 1/2	45,357	1 1/2	56,764	1 1/2	68,171	1 1/2	79,578	1 1/2	90,983	1 1/2	102,384	1 1/2	113,784
3/4	11,393	3/4	22,799	3/4	34,191	3/4	45,594	3/4	57,001	3/4	68,408	3/4	79,815	3/4	91,221	3/4	102,621	3/4	114,022

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TOP THREADS OF "MMC" GAUGE POINT.
 GAUGE POINT: (MMC) LOCATED 12'-02" OFF CENTERLINE AND 30'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

PRECISION MEASUREMENT

P.O. Box 2092
Pearland, Texas 77568
<http://www.pmacorp.net>

Ch. J. [Signature]



BARGE "MPC 307"

1 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "HFL 307"

GAUGE HEIGHT 15'-10"

IN		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	114,259	1/4	125,660	1/4	137,001	1/4	148,339	1/4	159,599	1/4	170,784	1/4	181,894	1/4	192,929	1/4	203,889	1/4	214,774	1/4	225,584
1/2	114,497	1/2	126,134	1/2	137,474	1/2	148,812	1/2	160,053	1/2	171,194	1/2	182,245	1/2	193,206	1/2	204,077	1/2	214,858	1/2	225,549
3/4	114,734	3/4	126,371	3/4	137,710	3/4	149,048	3/4	160,289	3/4	171,430	3/4	182,571	3/4	193,612	3/4	204,563	3/4	215,414	3/4	226,165
1	115,209	1	126,608	1	137,946	1	149,284	1	160,508	1	171,622	1	182,646	1	193,569	1	204,393	1	215,117	1	225,741
1/4	115,447	1/4	126,845	1/4	138,182	1/4	149,520	1/4	160,713	1/4	171,827	1/4	182,851	1/4	193,774	1/4	204,598	1/4	215,322	1/4	225,946
1/2	115,684	1/2	127,081	1/2	138,419	1/2	149,757	1/2	160,918	1/2	172,032	1/2	183,056	1/2	193,979	1/2	204,803	1/2	215,527	1/2	226,151
3/4	115,922	3/4	127,317	3/4	138,655	3/4	149,993	3/4	161,122	3/4	172,236	3/4	183,260	3/4	194,183	3/4	205,007	3/4	215,731	3/4	226,355
2	116,159	2	127,553	2	138,891	2	150,229	2	161,327	2	172,441	2	183,465	2	194,388	2	205,212	2	215,936	2	226,560
1/4	116,397	1/4	127,789	1/4	139,127	1/4	150,465	1/4	161,592	1/4	172,706	1/4	183,730	1/4	194,653	1/4	205,477	1/4	216,101	1/4	226,725
1/2	116,634	1/2	128,026	1/2	139,363	1/2	150,700	1/2	161,823	1/2	172,937	1/2	183,961	1/2	194,884	1/2	205,708	1/2	216,324	1/2	226,948
3/4	116,872	3/4	128,262	3/4	139,600	3/4	150,936	3/4	162,059	3/4	173,173	3/4	184,197	3/4	195,120	3/4	205,944	3/4	216,562	3/4	227,186
3	117,109	3	128,498	3	139,836	3	151,172	3	162,296	3	173,410	3	184,434	3	195,357	3	206,181	3	216,796	3	227,421
1/4	117,347	1/4	128,734	1/4	140,072	1/4	151,406	1/4	162,522	1/4	173,636	1/4	184,760	1/4	195,684	1/4	206,508	1/4	217,132	1/4	227,756
1/2	117,584	1/2	128,970	1/2	140,308	1/2	151,641	1/2	162,759	1/2	173,863	1/2	185,097	1/2	196,221	1/2	207,045	1/2	217,669	1/2	228,293
3/4	117,822	3/4	129,207	3/4	140,545	3/4	151,875	3/4	163,001	3/4	174,115	3/4	185,349	3/4	196,477	3/4	207,281	3/4	217,907	3/4	228,531
4	118,059	4	129,443	4	140,781	4	152,110	4	163,237	4	174,353	4	185,591	4	196,715	4	207,539	4	218,163	4	228,785
1/4	118,297	1/4	129,679	1/4	141,017	1/4	152,344	1/4	163,482	1/4	174,590	1/4	185,928	1/4	197,052	1/4	207,876	1/4	218,500	1/4	229,124
1/2	118,534	1/2	129,915	1/2	141,253	1/2	152,579	1/2	163,718	1/2	174,826	1/2	186,274	1/2	197,398	1/2	208,322	1/2	218,946	1/2	229,560
3/4	118,772	3/4	130,151	3/4	141,489	3/4	152,813	3/4	164,041	3/4	175,155	3/4	186,707	3/4	197,821	3/4	208,645	3/4	219,269	3/4	230,104
5	119,009	5	130,388	5	141,726	5	153,048	5	164,278	5	175,392	5	187,140	5	198,888	5	209,736	5	220,484	5	231,232
1/4	119,247	1/4	130,624	1/4	141,962	1/4	153,282	1/4	164,514	1/4	175,624	1/4	187,372	1/4	199,120	1/4	210,068	1/4	220,816	1/4	231,564
1/2	119,484	1/2	130,860	1/2	142,198	1/2	153,516	1/2	164,750	1/2	175,858	1/2	187,606	1/2	199,454	1/2	210,402	1/2	221,150	1/2	231,812
3/4	119,722	3/4	131,096	3/4	142,434	3/4	153,751	3/4	165,001	3/4	176,109	3/4	187,957	3/4	199,805	3/4	210,746	3/4	221,497	3/4	232,254
6	119,959	6	131,333	6	142,670	6	153,985	6	165,236	6	176,344	6	188,292	6	199,988	6	211,084	6	221,832	6	232,580
1/4	120,197	1/4	131,569	1/4	142,907	1/4	154,220	1/4	165,477	1/4	176,585	1/4	188,533	1/4	200,229	1/4	211,321	1/4	222,069	1/4	232,817
1/2	120,434	1/2	131,805	1/2	143,143	1/2	154,454	1/2	165,709	1/2	176,817	1/2	188,765	1/2	200,513	1/2	211,555	1/2	222,303	1/2	233,051
3/4	120,672	3/4	132,041	3/4	143,379	3/4	154,689	3/4	165,941	3/4	177,049	3/4	189,097	3/4	200,845	3/4	211,897	3/4	222,641	3/4	233,389
7	120,909	7	132,277	7	143,615	7	154,923	7	166,170	7	177,278	7	189,326	7	201,174	7	212,222	7	223,270	7	234,018
1/4	121,147	1/4	132,514	1/4	143,851	1/4	155,157	1/4	166,404	1/4	177,512	1/4	189,560	1/4	201,608	1/4	212,656	1/4	223,704	1/4	234,452
1/2	121,385	1/2	132,750	1/2	144,088	1/2	155,392	1/2	166,626	1/2	177,734	1/2	189,782	1/2	201,826	1/2	212,874	1/2	223,942	1/2	234,690
3/4	121,622	3/4	132,986	3/4	144,324	3/4	155,626	3/4	166,868	3/4	177,976	3/4	190,124	3/4	202,172	3/4	213,220	3/4	224,188	3/4	235,038
8	121,860	8	133,222	8	144,560	8	155,861	8	167,112	8	178,220	8	190,368	8	202,416	8	213,564	8	224,612	8	235,286
1/4	122,097	1/4	133,458	1/4	144,796	1/4	156,095	1/4	167,349	1/4	178,457	1/4	190,605	1/4	202,653	1/4	213,801	1/4	224,858	1/4	235,534
1/2	122,335	1/2	133,695	1/2	145,032	1/2	156,329	1/2	167,586	1/2	178,694	1/2	190,932	1/2	202,980	1/2	214,028	1/2	225,076	1/2	235,772
3/4	122,572	3/4	133,931	3/4	145,269	3/4	156,563	3/4	167,819	3/4	178,927	3/4	191,165	3/4	203,213	3/4	214,259	3/4	225,314	3/4	236,010
9	122,810	9	134,167	9	145,505	9	156,798	9	168,041	9	179,149	9	191,397	9	203,445	9	214,593	9	225,662	9	236,252
1/4	123,047	1/4	134,403	1/4	145,741	1/4	157,032	1/4	168,278	1/4	179,386	1/4	191,634	1/4	203,682	1/4	214,830	1/4	225,900	1/4	236,490
1/2	123,285	1/2	134,639	1/2	145,977	1/2	157,266	1/2	168,515	1/2	179,623	1/2	191,871	1/2	203,919	1/2	215,067	1/2	226,138	1/2	236,728
3/4	123,522	3/4	134,876	3/4	146,213	3/4	157,500	3/4	168,752	3/4	179,860	3/4	192,108	3/4	204,156	3/4	215,305	3/4	226,387	3/4	236,977
10	123,760	10	135,112	10	146,450	10	157,734	10	168,986	10	180,094	10	192,342	10	204,390	10	215,538	10	226,636	10	237,226
1/4	123,997	1/4	135,348	1/4	146,686	1/4	157,967	1/4	169,215	1/4	180,323	1/4	192,571	1/4	204,619	1/4	215,786	1/4	226,885	1/4	237,475
1/2	124,235	1/2	135,584	1/2	146,922	1/2	158,201	1/2	169,449	1/2	180,557	1/2	192,805	1/2	204,953	1/2	216,061	1/2	227,169	1/2	237,713
3/4	124,472	3/4	135,820	3/4	147,158	3/4	158,434	3/4	169,686	3/4	180,794	3/4	193,042	3/4	205,190	3/4	216,309	3/4	227,412	3/4	237,962
11	124,710	11	136,057	11	147,394	11	158,668	11	169,916	11	181,024	11	193,272	11	205,310	11	216,458	11	227,606	11	238,210
1/4	124,947	1/4	136,293	1/4	147,631	1/4	158,901	1/4	170,149	1/4	181,257	1/4	193,505	1/4	205,553	1/4	216,706	1/4	227,857	1/4	238,459
1/2	125,185	1/2	136,529	1/2	147,867	1/2	159,133	1/2	170,387	1/2	181,495	1/2	193,743	1/2	205,791	1/2	216,944	1/2	228,098	1/2	238,707
3/4	125,422	3/4	136,765	3/4	148,103	3/4	159,366	3/4	170,624	3/4	181,732	3/4	194,080	3/4	206,072	3/4	217,222	3/4	228,340	3/4	239,045

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/08/2009 CL - SW
CALCULATED: 04/09/2009 CL
REPRINTED: 07/26/2014 CL
CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77586
<http://www.pmacorp.net>



BARGE "MPC 307"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS																					FORMERLY "HFL 307"										GAUGE HEIGHT 15'-10"									
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN																				
0	643	0	11,757	0	23,273	0	34,638	0	45,901	0	57,343	0	68,835	0	80,329	0	91,817	0	103,293	0																				
1/4	808	1/4	11,997	1/4	23,613	1/4	34,869	1/4	46,141	1/4	57,581	1/4	68,074	1/4	80,568	1/4	92,056	1/4	103,532	1/4																				
1/2	973	1/2	12,237	1/2	23,753	1/2	35,100	1/2	46,381	1/2	57,819	1/2	69,314	1/2	80,807	1/2	92,296	1/2	103,771	1/2																				
3/4	1,138	3/4	12,477	3/4	23,993	3/4	35,331	3/4	46,620	3/4	58,057	3/4	69,554	3/4	81,047	3/4	92,535	3/4	104,010	3/4																				
1	1,304	1	12,717	1	24,233	1	35,652	1	46,860	1	58,295	1	69,793	1	81,286	1	92,774	1	104,248	1																				
1 1/4	1,521	1 1/4	12,957	1 1/4	24,473	1 1/4	35,793	1 1/4	47,100	1 1/4	58,533	1 1/4	70,033	1 1/4	81,526	1 1/4	93,014	1 1/4	104,489	1 1/4																				
1 1/2	1,738	1 1/2	13,197	1 1/2	24,713	1 1/2	36,025	1 1/2	47,339	1 1/2	58,771	1 1/2	70,272	1 1/2	81,765	1 1/2	93,253	1 1/2	104,690	1 1/2																				
1 3/4	1,955	1 3/4	13,437	1 3/4	24,953	1 3/4	36,266	1 3/4	47,579	1 3/4	59,009	1 3/4	70,512	1 3/4	82,004	1 3/4	93,482	1 3/4	104,931	1 3/4																				
2	2,172	2	13,676	2	25,193	2	36,487	2	47,819	2	59,247	2	70,752	2	82,244	2	93,731	2	105,137	2																				
2 1/4	2,409	2 1/4	13,916	2 1/4	25,433	2 1/4	36,719	2 1/4	48,058	2 1/4	59,486	2 1/4	70,991	2 1/4	82,483	2 1/4	93,971	2 1/4	105,297	2 1/4																				
2 1/2	2,647	2 1/2	14,156	2 1/2	25,673	2 1/2	36,951	2 1/2	48,297	2 1/2	59,724	2 1/2	71,231	2 1/2	82,722	2 1/2	94,210	2 1/2	105,463	2 1/2																				
2 3/4	2,885	2 3/4	14,396	2 3/4	25,912	2 3/4	37,182	2 3/4	48,536	2 3/4	59,963	2 3/4	71,470	2 3/4	82,962	2 3/4	94,449	2 3/4	105,629	2 3/4																				
3	3,123	3	14,636	3	26,152	3	37,414	3	48,776	3	60,201	3	71,710	3	83,201	3	94,689	3	105,795	3																				
1/4	3,361	1/4	14,876	1/4	26,392	1/4	37,646	1/4	49,014	1/4	60,441	1/4	71,949	1/4	83,440	1/4	94,928	1/4	105,961	1/4																				
1/2	3,600	1/2	15,116	1/2	26,632	1/2	37,878	1/2	49,252	1/2	60,681	1/2	72,189	1/2	83,680	1/2	95,167	1/2	106,127	1/2																				
3/4	3,839	3/4	15,356	3/4	26,872	3/4	38,109	3/4	49,490	3/4	60,921	3/4	72,429	3/4	83,919	3/4	95,406	3/4	106,293	3/4																				
4	4,078	4	15,596	4	27,111	4	38,341	4	49,728	4	61,161	4	72,668	4	84,159	4	95,546	4	106,459	4																				
1/4	4,318	1/4	15,836	1/4	27,351	1/4	38,573	1/4	49,966	1/4	61,400	1/4	72,908	1/4	84,398	1/4	95,885	1/4	106,625	1/4																				
1/2	4,557	1/2	16,076	1/2	27,590	1/2	38,805	1/2	50,204	1/2	61,640	1/2	73,147	1/2	84,637	1/2	96,124	1/2	106,791	1/2																				
3/4	4,797	3/4	16,316	3/4	27,829	3/4	39,036	3/4	50,442	3/4	61,880	3/4	73,387	3/4	84,877	3/4	96,364	3/4	106,957	3/4																				
5	5,036	5	16,556	5	28,068	5	39,268	5	50,680	5	62,120	5	73,627	5	85,116	5	96,603	5	107,123	5																				
1/4	5,276	1/4	16,795	1/4	28,307	1/4	39,500	1/4	50,918	1/4	62,360	1/4	73,866	1/4	85,355	1/4	96,842	1/4	107,289	1/4																				
1/2	5,516	1/2	17,035	1/2	28,546	1/2	39,733	1/2	51,156	1/2	62,600	1/2	74,106	1/2	85,595	1/2	97,081	1/2	107,455	1/2																				
3/4	5,756	3/4	17,275	3/4	28,785	3/4	39,965	3/4	51,394	3/4	62,840	3/4	74,345	3/4	85,834	3/4	97,321	3/4	107,621	3/4																				
1/4	5,996	1/4	17,515	1/4	29,024	1/4	40,197	1/4	51,632	1/4	63,079	1/4	74,584	1/4	86,074	1/4	97,560	1/4	107,787	1/4																				
1/2	6,236	1/2	17,755	1/2	29,263	1/2	40,431	1/2	51,869	1/2	63,319	1/2	74,824	1/2	86,313	1/2	97,799	1/2	107,953	1/2																				
3/4	6,476	3/4	17,995	3/4	29,502	3/4	40,664	3/4	52,107	3/4	63,559	3/4	75,063	3/4	86,552	3/4	98,038	3/4	108,119	3/4																				
1/4	6,716	1/4	18,235	1/4	29,741	1/4	40,898	1/4	52,345	1/4	63,799	1/4	75,302	1/4	86,792	1/4	98,278	1/4	108,285	1/4																				
1/2	6,956	1/2	18,475	1/2	29,980	1/2	41,132	1/2	52,583	1/2	64,039	1/2	75,541	1/2	87,031	1/2	98,517	1/2	108,451	1/2																				
3/4	7,197	3/4	18,715	3/4	30,218	3/4	41,367	3/4	52,821	3/4	64,279	3/4	75,780	3/4	87,270	3/4	98,756	3/4	108,617	3/4																				
1/4	7,437	1/4	18,955	1/4	30,456	1/4	41,603	1/4	53,059	1/4	64,519	1/4	76,020	1/4	87,510	1/4	98,995	1/4	108,783	1/4																				
1/2	7,677	1/2	19,195	1/2	30,694	1/2	41,839	1/2	53,297	1/2	64,759	1/2	76,259	1/2	87,749	1/2	99,234	1/2	108,949	1/2																				
3/4	7,918	3/4	19,435	3/4	30,932	3/4	42,074	3/4	53,535	3/4	64,998	3/4	76,499	3/4	87,988	3/4	99,474	3/4	109,115	3/4																				
1/4	8,158	1/4	19,675	1/4	31,166	1/4	42,312	1/4	53,773	1/4	65,238	1/4	76,738	1/4	88,228	1/4	99,712	1/4	109,281	1/4																				
1/2	8,398	1/2	19,914	1/2	31,400	1/2	42,550	1/2	54,011	1/2	65,478	1/2	76,977	1/2	88,467	1/2	99,951	1/2	109,447	1/2																				
3/4	8,638	3/4	20,154	3/4	31,634	3/4	42,788	3/4	54,249	3/4	65,718	3/4	77,217	3/4	88,707	3/4	100,190	3/4	109,613	3/4																				
1/4	8,878	1/4	20,394	1/4	31,868	1/4	43,026	1/4	54,487	1/4	65,958	1/4	77,456	1/4	88,946	1/4	100,429	1/4	109,779	1/4																				
1/2	9,118	1/2	20,634	1/2	32,099	1/2	43,265	1/2	54,725	1/2	66,198	1/2	77,696	1/2	89,185	1/2	100,667	1/2	109,945	1/2																				
3/4	9,358	3/4	20,874	3/4	32,330	3/4	43,505	3/4	54,963	3/4	66,438	3/4	77,935	3/4	89,424	3/4	100,906	3/4	110,111	3/4																				
1/4	9,598	1/4	21,114	1/4	32,561	1/4	43,745	1/4	55,201	1/4	66,678	1/4	78,174	1/4	89,664	1/4	101,146	1/4	110,277	1/4																				
1/2	9,838	1/2	21,354	1/2	32,791	1/2	43,984	1/2	55,439	1/2	66,917	1/2	78,414	1/2	89,903	1/2	101,383	1/2	110,443	1/2																				
3/4	10,078	3/4	21,594	3/4	33,022	3/4	44,224	3/4	55,677	3/4	67,157	3/4	78,653	3/4	90,142	3/4	101,622	3/4	110,609	3/4																				
1/4	10,318	1/4	21,834	1/4	33,253	1/4	44,464	1/4	55,915	1/4	67,397	1/4	78,892	1/4	90,382	1/4	101,861	1/4	110,775	1/4																				
1/2	10,557	1/2	22,074	1/2	33,484	1/2	44,703	1/2	56,153	1/2	67,637	1/2	79,132	1/2	90,621	1/2	102,100	1/2	110,941	1/2																				
3/4	10,797	3/4	22,314	3/4	33,715	3/4	44,943	3/4	56,391	3/4	67,877	3/4	79,371	3/4	90,860	3/4	102,338	3/4	111,107	3/4																				
1/4	11,037	1/4	22,554	1/4	33,946	1/4	45,183	1/4	56,629	1/4	68,116	1/4	79,611	1/4	91,099	1/4	102,577	1/4	111,273	1/4																				
1/2	11,277	1/2	22,793	1/2	34,177	1/2	45,422	1/2	56,867	1/2	68,356	1/2	79,850	1/2	91,339	1/2	102,816	1/2	111,439	1/2																				
3/4	11,517	3/4	23,033	3/4	34,407	3/4	45,662	3/4	57,105	3/4	68,595	3/4	80,089	3/4	91,578	3/4	103,055	3/4	111,605	3/4																				



BARGE "MPC 307"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "HFL 307"

GAUGE HEIGHT 15'-10"

IN		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5
0	111,772	0	0	0	119,748	0	127,308	0	134,866	0	143,600	0	0	0	0	0	0	0	0	0	0
1/4	111,939	1/4	1/4	1/4	119,906	1/4	127,465	1/4	135,023	1/4	143,821	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,106	1/2	1/2	1/2	120,064	1/2	127,623	1/2	135,180	1/2	144,043	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,273	3/4	3/4	3/4	120,222	3/4	127,780	3/4	135,338	3/4	144,265	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	112,440	1	1	1	120,380	1	127,938	1	135,495	1	144,487	1	1	1	1	1	1	1	1	1	1
1 1/4	112,607	1 1/4	1 1/4	1 1/4	120,538	1 1/4	128,095	1 1/4	135,653	1 1/4	144,686	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	112,774	1 1/2	1 1/2	1 1/2	120,696	1 1/2	128,253	1 1/2	135,810	1 1/2	144,884	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	112,941	3/4	3/4	3/4	120,853	3/4	128,410	3/4	135,968	3/4	145,083	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	113,108	2	2	2	121,010	2	128,568	2	136,125	2	145,282	2	2	2	2	2	2	2	2	2	2
2 1/4	113,275	2 1/4	2 1/4	2 1/4	121,167	2 1/4	128,725	2 1/4	136,282	2 1/4	145,441	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4
1/2	113,442	1/2	1/2	1/2	121,325	1/2	128,882	1/2	136,439	1/2	145,600	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,609	3/4	3/4	3/4	121,482	3/4	129,040	3/4	136,597	3/4	145,759	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	113,776	3	3	3	121,640	3	129,197	3	136,754	3	145,918	3	3	3	3	3	3	3	3	3	3
1 1/4	113,943	1 1/4	1 1/4	1 1/4	121,797	1 1/4	129,355	1 1/4	136,910	1 1/4	146,077	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	114,110	1 1/2	1 1/2	1 1/2	121,955	1 1/2	129,512	1 1/2	137,066	1 1/2	146,235	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
4	114,277	4	4	4	122,112	4	129,670	4	137,222	4	146,393	4	4	4	4	4	4	4	4	4	4
4 1/4	114,444	4 1/4	4 1/4	4 1/4	122,270	4 1/4	129,827	4 1/4	137,379	4 1/4	146,550	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4
1/4	114,611	1/4	1/4	1/4	122,427	1/4	129,985	1/4	137,535	1/4	146,707	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,778	1/2	1/2	1/2	122,584	1/2	130,142	1/2	137,691	1/2	146,864	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,945	3/4	3/4	3/4	122,742	3/4	130,300	3/4	137,847	3/4	147,021	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	115,112	5	5	5	122,899	5	130,457	5	138,003	5	147,178	5	5	5	5	5	5	5	5	5	5
1 1/4	115,279	1 1/4	1 1/4	1 1/4	123,057	1 1/4	130,614	1 1/4	138,160	1 1/4	147,335	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	115,446	1 1/2	1 1/2	1 1/2	123,214	1 1/2	130,772	1 1/2	138,316	1 1/2	147,492	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	115,613	3/4	3/4	3/4	123,372	3/4	130,929	3/4	138,472	3/4	147,649	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	115,780	6	6	6	123,529	6	131,087	6	138,628	6	147,806	6	6	6	6	6	6	6	6	6	6
1 1/4	115,947	1 1/4	1 1/4	1 1/4	123,687	1 1/4	131,244	1 1/4	138,784	1 1/4	147,963	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	116,114	1 1/2	1 1/2	1 1/2	123,844	1 1/2	131,402	1 1/2	138,941	1 1/2	148,120	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	116,281	3/4	3/4	3/4	124,002	3/4	131,559	3/4	139,097	3/4	148,277	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	116,448	7	7	7	124,159	7	131,717	7	139,253	7	148,434	7	7	7	7	7	7	7	7	7	7
1 1/4	116,616	1 1/4	1 1/4	1 1/4	124,316	1 1/4	131,874	1 1/4	139,409	1 1/4	148,591	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	116,783	1 1/2	1 1/2	1 1/2	124,474	1 1/2	132,031	1 1/2	139,566	1 1/2	148,748	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	116,950	3/4	3/4	3/4	124,631	3/4	132,189	3/4	139,722	3/4	148,905	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	117,117	8	8	8	124,789	8	132,346	8	139,879	8	149,062	8	8	8	8	8	8	8	8	8	8
1 1/4	117,284	1 1/4	1 1/4	1 1/4	124,946	1 1/4	132,504	1 1/4	140,179	1 1/4	149,219	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	117,451	1 1/2	1 1/2	1 1/2	125,104	1 1/2	132,661	1 1/2	140,336	1 1/2	149,376	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	117,618	3/4	3/4	3/4	125,261	3/4	132,819	3/4	140,493	3/4	149,533	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	117,785	9	9	9	125,419	9	132,976	9	140,650	9	149,690	9	9	9	9	9	9	9	9	9	9
1 1/4	117,952	1 1/4	1 1/4	1 1/4	125,576	1 1/4	133,134	1 1/4	141,094	1 1/4	149,847	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	118,119	1 1/2	1 1/2	1 1/2	125,733	1 1/2	133,291	1 1/2	141,252	1 1/2	150,004	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	118,286	3/4	3/4	3/4	125,891	3/4	133,448	3/4	141,551	3/4	150,161	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	118,453	10	10	10	126,048	10	133,606	10	141,779	10	150,318	10	10	10	10	10	10	10	10	10	10
1 1/4	118,619	1 1/4	1 1/4	1 1/4	126,206	1 1/4	133,763	1 1/4	142,007	1 1/4	150,475	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	118,784	1 1/2	1 1/2	1 1/2	126,363	1 1/2	133,921	1 1/2	142,235	1 1/2	150,632	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	118,949	3/4	3/4	3/4	126,521	3/4	134,078	3/4	142,463	3/4	150,790	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	119,115	11	11	11	126,678	11	134,236	11	142,691	11	150,947	11	11	11	11	11	11	11	11	11	11
1 1/4	119,273	1 1/4	1 1/4	1 1/4	126,836	1 1/4	134,393	1 1/4	142,918	1 1/4	151,104	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	119,431	1 1/2	1 1/2	1 1/2	126,993	1 1/2	134,551	1 1/2	143,145	1 1/2	151,262	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	119,589	3/4	3/4	3/4	127,151	3/4	134,708	3/4	143,372	3/4	151,419	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/08/2009 CL - SW
CALCULATED: 04/09/2009 CL
REPRINTED: 07/26/2014 CL
CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "MPC 307"

2 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "HFL 307"

GAUGE HEIGHT 15'-10"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	643	0	11,772	0	23,317	0	34,847	0	46,390	0	57,936	0	69,481	0	81,016	0	92,540	0	104,062
1/4	808	1/4	12,012	1/4	23,558	1/4	35,087	1/4	46,630	1/4	58,176	1/4	69,722	1/4	81,256	1/4	92,780	1/4	104,291
1/2	974	1/2	12,253	1/2	23,798	1/2	35,327	1/2	46,871	1/2	58,417	1/2	69,963	1/2	81,497	1/2	93,020	1/2	104,531
3/4	1,139	3/4	12,493	3/4	24,039	3/4	35,567	3/4	47,111	3/4	58,657	3/4	70,203	3/4	81,737	3/4	93,260	3/4	104,770
1	1,304	1	12,734	1	24,279	1	35,807	1	47,352	1	58,898	1	70,444	1	81,977	1	93,500	1	105,009
1/4	1,521	1/4	12,975	1/4	24,520	1/4	36,047	1/4	47,593	1/4	59,138	1/4	70,684	1/4	82,217	1/4	93,749	1/4	105,231
1/2	1,738	1/2	13,215	1/2	24,760	1/2	36,288	1/2	47,833	1/2	59,379	1/2	70,925	1/2	82,457	1/2	93,980	1/2	105,452
3/4	1,956	3/4	13,456	3/4	25,001	3/4	36,528	3/4	48,074	3/4	59,619	3/4	71,165	3/4	82,697	3/4	94,220	3/4	105,673
2	2,173	2	13,696	2	25,241	2	36,768	2	48,314	2	59,860	2	71,406	2	82,937	2	94,460	2	105,895
1/4	2,410	1/4	13,937	1/4	25,482	1/4	37,009	1/4	48,555	1/4	60,100	1/4	71,646	1/4	83,177	1/4	94,700	1/4	106,061
1/2	2,648	1/2	14,177	1/2	25,723	1/2	37,249	1/2	48,795	1/2	60,341	1/2	71,887	1/2	83,417	1/2	94,940	1/2	106,228
3/4	2,886	3/4	14,418	3/4	25,963	3/4	37,480	3/4	49,036	3/4	60,582	3/4	72,127	3/4	83,657	3/4	95,180	3/4	106,395
3	3,124	3	14,658	3	26,204	3	37,720	3	49,276	3	60,822	3	72,368	3	83,898	3	95,420	3	106,562
1/4	3,363	1/4	14,899	1/4	26,444	1/4	37,971	1/4	49,517	1/4	61,063	1/4	72,608	1/4	84,138	1/4	95,660	1/4	106,728
1/2	3,602	1/2	15,139	1/2	26,684	1/2	38,212	1/2	49,757	1/2	61,303	1/2	72,849	1/2	84,378	1/2	95,900	1/2	106,895
3/4	3,841	3/4	15,380	3/4	26,925	3/4	38,452	3/4	49,998	3/4	61,544	3/4	73,090	3/4	84,618	3/4	96,140	3/4	107,062
4	4,080	4	15,620	4	27,165	4	38,693	4	50,238	4	61,784	4	73,330	4	84,858	4	96,380	4	107,228
1/4	4,320	1/4	15,861	1/4	27,406	1/4	38,933	1/4	50,479	1/4	62,025	1/4	73,571	1/4	85,098	1/4	96,620	1/4	107,395
1/2	4,560	1/2	16,101	1/2	27,646	1/2	39,174	1/2	50,720	1/2	62,265	1/2	73,811	1/2	85,338	1/2	96,860	1/2	107,562
3/4	4,799	3/4	16,342	3/4	27,886	3/4	39,414	3/4	50,960	3/4	62,506	3/4	74,052	3/4	85,578	3/4	97,100	3/4	107,729
5	5,039	5	16,582	5	28,126	5	39,655	5	51,201	5	62,746	5	74,292	5	85,818	5	97,340	5	107,895
1/4	5,279	1/4	16,823	1/4	28,366	1/4	39,895	1/4	51,441	1/4	62,987	1/4	74,533	1/4	86,059	1/4	97,580	1/4	108,062
1/2	5,519	1/2	17,064	1/2	28,606	1/2	40,136	1/2	51,682	1/2	63,227	1/2	74,773	1/2	86,299	1/2	97,820	1/2	108,229
3/4	5,760	3/4	17,304	3/4	28,846	3/4	40,376	3/4	51,922	3/4	63,468	3/4	75,013	3/4	86,539	3/4	98,060	3/4	108,396
6	6,000	6	17,545	6	29,086	6	40,617	6	52,163	6	63,709	6	75,254	6	86,779	6	98,300	6	108,562
1/4	6,240	1/4	17,785	1/4	29,326	1/4	40,857	1/4	52,403	1/4	63,949	1/4	75,494	1/4	87,019	1/4	98,540	1/4	108,729
1/2	6,481	1/2	18,026	1/2	29,566	1/2	41,098	1/2	52,644	1/2	64,190	1/2	75,734	1/2	87,259	1/2	98,780	1/2	108,896
3/4	6,721	3/4	18,266	3/4	29,806	3/4	41,339	3/4	52,884	3/4	64,430	3/4	75,974	3/4	87,499	3/4	99,020	3/4	109,062
7	6,961	7	18,507	7	30,046	7	41,579	7	53,125	7	64,671	7	76,214	7	87,739	7	99,260	7	109,229
1/4	7,202	1/4	18,747	1/4	30,286	1/4	41,820	1/4	53,365	1/4	64,911	1/4	76,454	1/4	87,979	1/4	99,500	1/4	109,396
1/2	7,442	1/2	18,988	1/2	30,526	1/2	42,060	1/2	53,606	1/2	65,152	1/2	76,695	1/2	88,219	1/2	99,740	1/2	109,563
3/4	7,683	3/4	19,228	3/4	30,766	3/4	42,301	3/4	53,846	3/4	65,392	3/4	76,935	3/4	88,460	3/4	99,980	3/4	109,729
8	7,923	8	19,469	8	31,006	8	42,541	8	54,087	8	65,633	8	77,175	8	88,700	8	100,220	8	109,896
1/4	8,164	1/4	19,709	1/4	31,246	1/4	42,782	1/4	54,328	1/4	65,873	1/4	77,415	1/4	88,940	1/4	100,459	1/4	110,063
1/2	8,404	1/2	19,950	1/2	31,486	1/2	43,022	1/2	54,568	1/2	66,114	1/2	77,655	1/2	89,180	1/2	100,699	1/2	110,230
3/4	8,645	3/4	20,190	3/4	31,726	3/4	43,263	3/4	54,809	3/4	66,354	3/4	77,895	3/4	89,420	3/4	100,938	3/4	110,396
9	8,886	9	20,431	9	31,966	9	43,503	9	55,049	9	66,595	9	78,135	9	89,660	9	101,178	9	110,563
1/4	9,126	1/4	20,671	1/4	32,207	1/4	43,744	1/4	55,290	1/4	66,836	1/4	78,375	1/4	89,900	1/4	101,417	1/4	110,730
1/2	9,367	1/2	20,912	1/2	32,447	1/2	43,984	1/2	55,530	1/2	67,076	1/2	78,615	1/2	90,140	1/2	101,657	1/2	110,896
3/4	9,607	3/4	21,152	3/4	32,687	3/4	44,225	3/4	55,771	3/4	67,317	3/4	78,855	3/4	90,380	3/4	101,896	3/4	111,063
10	9,848	10	21,393	10	32,927	10	44,466	10	56,011	10	67,557	10	79,096	10	90,620	10	102,136	10	111,230
1/4	10,088	1/4	21,634	1/4	33,167	1/4	44,706	1/4	56,252	1/4	67,798	1/4	79,336	1/4	90,860	1/4	102,375	1/4	111,397
1/2	10,329	1/2	21,874	1/2	33,407	1/2	44,947	1/2	56,492	1/2	68,038	1/2	79,575	1/2	91,100	1/2	102,615	1/2	111,563
3/4	10,569	3/4	22,115	3/4	33,647	3/4	45,187	3/4	56,733	3/4	68,279	3/4	79,816	3/4	91,340	3/4	102,854	3/4	111,730
11	10,810	11	22,355	11	33,887	11	45,428	11	56,973	11	68,519	11	80,056	11	91,580	11	103,094	11	111,897
1/4	11,050	1/4	22,596	1/4	34,127	1/4	45,668	1/4	57,214	1/4	68,760	1/4	80,296	1/4	91,820	1/4	103,333	1/4	112,064
1/2	11,291	1/2	22,836	1/2	34,367	1/2	45,909	1/2	57,455	1/2	69,000	1/2	80,536	1/2	92,060	1/2	103,573	1/2	112,231
3/4	11,531	3/4	23,077	3/4	34,607	3/4	46,149	3/4	57,695	3/4	69,241	3/4	80,776	3/4	92,300	3/4	103,812	3/4	112,398

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TOP THREADS OF "MMC" GAUGE POINT.
GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 36'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT

& ANALYSIS, INC.

P.O. Box 2052

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "MPC 307"

2 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "HFL 307"

GAUGE HEIGHT 15'-10"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	112,565	0	120,568	0	128,134	0	135,697	0	144,436	0		0		0		0		0	
1/4	112,732	1/4	120,726	1/4	128,291	1/4	135,854	1/4	144,568	1/4		1/4		1/4		1/4		1/4	
1/2	112,900	1/2	120,884	1/2	128,449	1/2	136,012	1/2	144,680	1/2		1/2		1/2		1/2		1/2	
3/4	113,068	3/4	121,043	3/4	128,606	3/4	136,169	3/4	145,102	3/4		3/4		3/4		3/4		3/4	
1	113,235	1	121,201	1	128,764	1	136,327	1	145,324	1		1		1		1		1	
1/4	113,403	1/4	121,358	1/4	128,921	1/4	136,484	1/4	145,484	1/4		1/4		1/4		1/4		1/4	
1/2	113,571	1/2	121,516	1/2	129,079	1/2	136,642	1/2	145,722	1/2		1/2		1/2		1/2		1/2	
3/4	113,739	3/4	121,673	3/4	129,237	3/4	136,800	3/4	145,920	3/4		3/4		3/4		3/4		3/4	
2	113,906	2	121,831	2	129,394	2	136,957	2	146,119	2		2		2		2		2	
1/4	114,074	1/4	121,989	1/4	129,552	1/4	137,114	1/4	146,278	1/4		1/4		1/4		1/4		1/4	
1/2	114,242	1/2	122,146	1/2	129,709	1/2	137,272	1/2	146,437	1/2		1/2		1/2		1/2		1/2	
3/4	114,409	3/4	122,304	3/4	129,867	3/4	137,429	3/4	146,596	3/4		3/4		3/4		3/4		3/4	
3	114,577	3	122,461	3	130,024	3	137,586	3	146,755	3		3		3		3		3	
1/4	114,745	1/4	122,619	1/4	130,182	1/4	137,742	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,912	1/2	122,776	1/2	130,339	1/2	137,899	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,080	3/4	122,934	3/4	130,497	3/4	138,055	3/4		3/4		3/4		3/4		3/4		3/4	
4	115,248	4	123,092	4	130,655	4	138,211	4		4		4		4		4		4	
1/4	115,416	1/4	123,249	1/4	130,812	1/4	138,368	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,583	1/2	123,407	1/2	130,970	1/2	138,524	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,751	3/4	123,564	3/4	131,127	3/4	138,680	3/4		3/4		3/4		3/4		3/4		3/4	
5	115,919	5	123,722	5	131,285	5	138,837	5		5		5		5		5		5	
1/4	116,086	1/4	123,879	1/4	131,442	1/4	138,993	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	116,254	1/2	124,037	1/2	131,600	1/2	139,149	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	116,422	3/4	124,195	3/4	131,758	3/4	139,306	3/4		3/4		3/4		3/4		3/4		3/4	
6	116,589	6	124,352	6	131,915	6	139,462	6		6		6		6		6		6	
1/4	116,757	1/4	124,510	1/4	132,073	1/4	139,618	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	116,925	1/2	124,667	1/2	132,230	1/2	139,775	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117,093	3/4	124,825	3/4	132,388	3/4	139,931	3/4		3/4		3/4		3/4		3/4		3/4	
7	117,260	7	124,982	7	132,545	7	140,087	7		7		7		7		7		7	
1/4	117,428	1/4	125,140	1/4	132,703	1/4	140,262	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	117,596	1/2	125,297	1/2	132,860	1/2	140,436	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117,763	3/4	125,455	3/4	133,018	3/4	140,611	3/4		3/4		3/4		3/4		3/4		3/4	
8	117,931	8	125,613	8	133,176	8	140,785	8		8		8		8		8		8	
1/4	118,099	1/4	125,770	1/4	133,333	1/4	141,014	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,266	1/2	125,928	1/2	133,491	1/2	141,243	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,434	3/4	126,085	3/4	133,648	3/4	141,472	3/4		3/4		3/4		3/4		3/4		3/4	
9	118,602	9	126,243	9	133,806	9	141,701	9		9		9		9		9		9	
1/4	118,770	1/4	126,400	1/4	133,963	1/4	141,929	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,937	1/2	126,558	1/2	134,121	1/2	142,158	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,105	3/4	126,716	3/4	134,279	3/4	142,386	3/4		3/4		3/4		3/4		3/4		3/4	
10	119,273	10	126,873	10	134,436	10	142,615	10		10		10		10		10		10	
1/4	119,438	1/4	127,031	1/4	134,594	1/4	142,843	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,603	1/2	127,188	1/2	134,751	1/2	143,071	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,769	3/4	127,346	3/4	134,909	3/4	143,299	3/4		3/4		3/4		3/4		3/4		3/4	
11	119,934	11	127,503	11	135,066	11	143,527	11		11		11		11		11		11	
1/4	120,093	1/4	127,661	1/4	135,224	1/4	143,755	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,251	1/2	127,818	1/2	135,382	1/2	143,982	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,409	3/4	127,976	3/4	135,539	3/4	144,209	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CANCELS AND SUPERCEDES

ALL PRIOR TO 07/2014

PRECISION MEASUREMENT

& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "MPC 307"

SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "HFL 307"

GAUGE HEIGHT 4'-11 1/4"

IN		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	20	1/4	979	1/4	1,939	1/4	2,898	1/4	3,858	1/4	4,817	1/4	5,776	1/4	6,735	1/4	7,694	1/4	8,653
1/2	40	1/2	999	1/2	1,959	1/2	2,918	1/2	3,877	1/2	4,836	1/2	5,795	1/2	6,754	1/2	7,713	1/2	8,672
3/4	60	3/4	1,019	3/4	1,979	3/4	2,938	3/4	3,897	3/4	4,856	3/4	5,815	3/4	6,774	3/4	7,733	3/4	8,692
1	80	1	1,039	1	1,999	1	2,958	1	3,917	1	4,876	1	5,835	1	6,794	1	7,753	1	8,712
1 1/4	100	1 1/4	1,059	1 1/4	2,019	1 1/4	2,978	1 1/4	3,937	1 1/4	4,896	1 1/4	5,855	1 1/4	6,814	1 1/4	7,773	1 1/4	8,732
1 1/2	120	1 1/2	1,079	1 1/2	2,039	1 1/2	2,998	1 1/2	3,957	1 1/2	4,916	1 1/2	5,875	1 1/2	6,834	1 1/2	7,793	1 1/2	8,752
1 3/4	140	1 3/4	1,099	1 3/4	2,059	1 3/4	3,018	1 3/4	3,976	1 3/4	4,935	1 3/4	5,894	1 3/4	6,853	1 3/4	7,812	1 3/4	8,771
2	160	2	1,119	2	2,079	2	3,038	2	3,996	2	4,955	2	5,914	2	6,873	2	7,831	2	8,790
1/4	180	1/4	1,139	1/4	2,099	1/4	3,058	1/4	4,017	1/4	4,976	1/4	5,935	1/4	6,894	1/4	7,850	1/4	8,809
1/2	200	1/2	1,159	1/2	2,119	1/2	3,078	1/2	4,037	1/2	4,996	1/2	5,955	1/2	6,914	1/2	7,869	1/2	8,828
3/4	220	3/4	1,179	3/4	2,138	3/4	3,098	3/4	4,057	3/4	5,016	3/4	5,975	3/4	6,934	3/4	7,888	3/4	8,847
1	240	1	1,199	1	2,158	1	3,118	1	4,076	1	5,035	1	5,994	1	6,953	1	7,907	1	8,866
1 1/4	260	1 1/4	1,219	1 1/4	2,178	1 1/4	3,138	1 1/4	4,096	1 1/4	5,055	1 1/4	6,014	1 1/4	6,973	1 1/4	7,926	1 1/4	8,885
1 1/2	280	1 1/2	1,239	1 1/2	2,198	1 1/2	3,158	1 1/2	4,116	1 1/2	5,075	1 1/2	6,034	1 1/2	6,993	1 1/2	7,945	1 1/2	8,904
1 3/4	300	1 3/4	1,259	1 3/4	2,218	1 3/4	3,168	1 3/4	4,136	1 3/4	5,095	1 3/4	6,054	1 3/4	7,013	1 3/4	7,964	1 3/4	8,923
2	320	2	1,279	2	2,238	2	3,188	2	4,156	2	5,115	2	6,074	2	7,033	2	7,983	2	8,942
1/4	340	1/4	1,299	1/4	2,258	1/4	3,194	1/4	4,176	1/4	5,135	1/4	6,094	1/4	7,053	1/4	8,002	1/4	8,961
1/2	360	1/2	1,319	1/2	2,278	1/2	3,204	1/2	4,196	1/2	5,155	1/2	6,114	1/2	7,073	1/2	8,021	1/2	8,980
3/4	380	3/4	1,339	3/4	2,298	3/4	3,214	3/4	4,216	3/4	5,175	3/4	6,134	3/4	7,093	3/4	8,040	3/4	9,000
1	400	1	1,359	1	2,318	1	3,224	1	4,236	1	5,195	1	6,154	1	7,113	1	8,059	1	9,019
1 1/4	420	1 1/4	1,379	1 1/4	2,338	1 1/4	3,228	1 1/4	4,256	1 1/4	5,215	1 1/4	6,174	1 1/4	7,133	1 1/4	8,078	1 1/4	9,038
1 1/2	440	1 1/2	1,399	1 1/2	2,358	1 1/2	3,231	1 1/2	4,276	1 1/2	5,235	1 1/2	6,194	1 1/2	7,153	1 1/2	8,097	1 1/2	9,057
1 3/4	460	1 3/4	1,419	1 3/4	2,378	1 3/4	3,234	1 3/4	4,296	1 3/4	5,255	1 3/4	6,214	1 3/4	7,173	1 3/4	8,116	1 3/4	9,076
2	480	2	1,439	2	2,398	2	3,238	2	4,316	2	5,275	2	6,234	2	7,193	2	8,135	2	9,095
1/4	500	1/4	1,459	1/4	2,418	1/4	3,241	1/4	4,336	1/4	5,295	1/4	6,254	1/4	7,213	1/4	8,154	1/4	9,114
1/2	520	1/2	1,479	1/2	2,438	1/2	3,248	1/2	4,356	1/2	5,315	1/2	6,274	1/2	7,233	1/2	8,173	1/2	9,133
3/4	540	3/4	1,499	3/4	2,458	3/4	3,251	3/4	4,376	3/4	5,335	3/4	6,294	3/4	7,253	3/4	8,192	3/4	9,152
1	560	1	1,519	1	2,478	1	3,254	1	4,396	1	5,355	1	6,314	1	7,273	1	8,211	1	9,171
1 1/4	580	1 1/4	1,539	1 1/4	2,498	1 1/4	3,258	1 1/4	4,416	1 1/4	5,375	1 1/4	6,334	1 1/4	7,293	1 1/4	8,230	1 1/4	9,190
1 1/2	600	1 1/2	1,559	1 1/2	2,518	1 1/2	3,261	1 1/2	4,436	1 1/2	5,395	1 1/2	6,354	1 1/2	7,313	1 1/2	8,249	1 1/2	9,209
1 3/4	620	1 3/4	1,579	1 3/4	2,538	1 3/4	3,264	1 3/4	4,456	1 3/4	5,415	1 3/4	6,374	1 3/4	7,333	1 3/4	8,268	1 3/4	9,228
2	640	2	1,599	2	2,558	2	3,268	2	4,476	2	5,435	2	6,394	2	7,353	2	8,287	2	9,247
1/4	660	1/4	1,619	1/4	2,578	1/4	3,271	1/4	4,496	1/4	5,455	1/4	6,414	1/4	7,373	1/4	8,306	1/4	9,266
1/2	680	1/2	1,639	1/2	2,598	1/2	3,274	1/2	4,516	1/2	5,475	1/2	6,434	1/2	7,393	1/2	8,325	1/2	9,285
3/4	700	3/4	1,659	3/4	2,618	3/4	3,278	3/4	4,536	3/4	5,495	3/4	6,454	3/4	7,413	3/4	8,344	3/4	9,304
1	719	1	1,679	1	2,638	1	3,281	1	4,556	1	5,515	1	6,474	1	7,433	1	8,363	1	9,323
1 1/4	739	1 1/4	1,699	1 1/4	2,658	1 1/4	3,284	1 1/4	4,576	1 1/4	5,535	1 1/4	6,494	1 1/4	7,453	1 1/4	8,382	1 1/4	9,342
1 1/2	759	1 1/2	1,719	1 1/2	2,678	1 1/2	3,288	1 1/2	4,596	1 1/2	5,555	1 1/2	6,514	1 1/2	7,473	1 1/2	8,401	1 1/2	9,361
1 3/4	779	1 3/4	1,739	1 3/4	2,698	1 3/4	3,291	1 3/4	4,616	1 3/4	5,575	1 3/4	6,534	1 3/4	7,493	1 3/4	8,420	1 3/4	9,380
2	799	2	1,759	2	2,718	2	3,294	2	4,636	2	5,595	2	6,554	2	7,513	2	8,439	2	9,399
1/4	819	1/4	1,779	1/4	2,738	1/4	3,298	1/4	4,656	1/4	5,615	1/4	6,574	1/4	7,533	1/4	8,458	1/4	9,418
1/2	839	1/2	1,799	1/2	2,758	1/2	3,301	1/2	4,676	1/2	5,635	1/2	6,594	1/2	7,553	1/2	8,477	1/2	9,437
3/4	859	3/4	1,819	3/4	2,778	3/4	3,304	3/4	4,696	3/4	5,655	3/4	6,614	3/4	7,573	3/4	8,496	3/4	9,456
1	879	1	1,839	1	2,798	1	3,308	1	4,716	1	5,675	1	6,634	1	7,593	1	8,515	1	9,475
1 1/4	899	1 1/4	1,859	1 1/4	2,818	1 1/4	3,311	1 1/4	4,736	1 1/4	5,695	1 1/4	6,654	1 1/4	7,613	1 1/4	8,534	1 1/4	9,494
1 1/2	919	1 1/2	1,879	1 1/2	2,838	1 1/2	3,314	1 1/2	4,756	1 1/2	5,715	1 1/2	6,674	1 1/2	7,633	1 1/2	8,553	1 1/2	9,513
1 3/4	939	1 3/4	1,899	1 3/4	2,858	1 3/4	3,318	1 3/4	4,776	1 3/4	5,735	1 3/4	6,694	1 3/4	7,653	1 3/4	8,572	1 3/4	9,532

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TOP THREADS OF "MNC" GAUGE POINT.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2002
Pearland, Texas 77588
<http://www.pmacorp.net>