



BARGE "HFL 605"

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	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-1/2	00-1/2
1 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-1/2	00-1/2
2 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
2 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
3 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8
3 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8

(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 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 284'-09"

January 30, 2012

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HFL 605"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11"

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	145,104	0	159,559	0	174,006	0	188,417	0	202,736	0		0		0		0		0	
1/4	145,405	1/4	159,860	1/4	174,306	1/4	188,718	1/4	203,005	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	145,706	1/2	160,161	1/2	174,606	1/2	189,018	1/2	203,273	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	146,007	3/4	160,463	3/4	174,906	3/4	189,318	3/4	203,542	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	146,308	1	160,764	1	175,207	1	189,618	1	203,811	1	1	1	1	1	1	1	1	1	1
1/4	146,609	1/4	161,065	1/4	175,507	1/4	189,919	1/4	204,033	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	146,911	1/2	161,366	1/2	175,807	1/2	190,219	1/2	204,255	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	147,212	3/4	161,667	3/4	176,107	3/4	190,519	3/4	204,477	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	147,513	2	161,968	2	176,408	2	190,819	2	204,699	2	2	2	2	2	2	2	2	2	2
1/4	147,814	1/4	162,270	1/4	176,708	1/4	191,120	1/4	204,871	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	148,115	1/2	162,571	1/2	177,008	1/2	191,420	1/2	205,043	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	148,416	3/4	162,872	3/4	177,308	3/4	191,720	3/4	205,215	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	148,717	3	163,173	3	177,609	3	192,020	3	205,386	3	3	3	3	3	3	3	3	3	3
1/4	149,019	1/4	163,474	1/4	177,909	1/4	192,321	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	149,320	1/2	163,775	1/2	178,209	1/2	192,621	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	149,621	3/4	164,077	3/4	178,509	3/4	192,921	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	149,922	4	164,378	4	178,810	4	193,221	4		4	4	4	4	4	4	4	4	4	4
1/4	150,223	1/4	164,679	1/4	179,110	1/4	193,522	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	150,524	1/2	164,980	1/2	179,410	1/2	193,822	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	150,826	3/4	165,281	3/4	179,710	3/4	194,122	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	151,127	5	165,582	5	180,011	5	194,422	5		5	5	5	5	5	5	5	5	5	5
1/4	151,428	1/4	165,884	1/4	180,311	1/4	194,721	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,729	1/2	166,185	1/2	180,611	1/2	195,020	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,030	3/4	166,486	3/4	180,911	3/4	195,319	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	152,331	6	166,787	6	181,212	6	195,617	6		6	6	6	6	6	6	6	6	6	6
1/4	152,633	1/4	167,088	1/4	181,512	1/4	195,915	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,934	1/2	167,389	1/2	181,812	1/2	196,212	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,235	3/4	167,690	3/4	182,112	3/4	196,509	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	153,536	7	167,992	7	182,413	7	196,807	7		7	7	7	7	7	7	7	7	7	7
1/4	153,837	1/4	168,293	1/4	182,713	1/4	197,104	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,138	1/2	168,594	1/2	183,013	1/2	197,401	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,439	3/4	168,895	3/4	183,313	3/4	197,699	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	154,741	8	169,196	8	183,614	8	197,996	8		8	8	8	8	8	8	8	8	8	8
1/4	155,042	1/4	169,497	1/4	183,914	1/4	198,293	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,343	1/2	169,799	1/2	184,214	1/2	198,591	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,644	3/4	170,100	3/4	184,514	3/4	198,888	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	155,945	9	170,401	9	184,815	9	199,186	9		9	9	9	9	9	9	9	9	9	9
1/4	156,246	1/4	170,702	1/4	185,115	1/4	199,483	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,548	1/2	171,002	1/2	185,415	1/2	199,780	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,849	3/4	171,303	3/4	185,715	3/4	200,077	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	157,150	10	171,604	10	186,016	10	200,375	10		10	10	10	10	10	10	10	10	10	10
1/4	157,451	1/4	171,904	1/4	186,316	1/4	200,672	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,752	1/2	172,204	1/2	186,616	1/2	200,969	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,053	3/4	172,504	3/4	186,916	3/4	201,266	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	158,355	11	172,805	11	187,217	11	201,562	11		11	11	11	11	11	11	11	11	11	11
1/4	158,656	1/4	173,105	1/4	187,517	1/4	201,856	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,957	1/2	173,405	1/2	187,817	1/2	202,149	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,258	3/4	173,705	3/4	188,117	3/4	202,443	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

STRAPPED: 01/24/2012 CL - SW
 CALCULATED: 01/25/2012 CL
 PRINTED: 01/25/2012 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 01/2012

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "HFL 605"

1 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 1/2"

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	145,198	0	159,654	0	174,100	0	188,512	0	202,830	0		0		0		0		0	
1/4	145,499	1/4	159,955	1/4	174,400	1/4	188,812	1/4	203,099	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	145,800	1/2	160,256	1/2	174,701	1/2	189,112	1/2	203,368	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	146,102	3/4	160,557	3/4	175,001	3/4	189,413	3/4	203,636	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	146,403	1	160,858	1	175,301	1	189,713	1	203,905	1	1	1	1	1	1	1	1	1	1
1/4	146,704	1/4	161,159	1/4	175,601	1/4	190,013	1/4	204,127	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	147,005	1/2	161,461	1/2	175,902	1/2	190,313	1/2	204,349	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	147,306	3/4	161,762	3/4	176,202	3/4	190,614	3/4	204,571	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	147,607	2	162,063	2	176,502	2	190,914	2	204,793	2	2	2	2	2	2	2	2	2	2
1/4	147,908	1/4	162,364	1/4	176,802	1/4	191,214	1/4	204,965	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	148,210	1/2	162,665	1/2	177,103	1/2	191,514	1/2	205,137	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	148,511	3/4	162,966	3/4	177,403	3/4	191,815	3/4	205,309	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	148,812	3	163,268	3	177,703	3	192,115	3	205,481	3	3	3	3	3	3	3	3	3	3
1/4	149,113	1/4	163,569	1/4	178,003	1/4	192,415	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	149,414	1/2	163,870	1/2	178,303	1/2	192,715	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	149,715	3/4	164,171	3/4	178,604	3/4	193,016	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	150,017	4	164,472	4	178,904	4	193,316	4		4	4	4	4	4	4	4	4	4	4
1/4	150,318	1/4	164,773	1/4	179,204	1/4	193,616	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	150,619	1/2	165,074	1/2	179,504	1/2	193,916	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	150,920	3/4	165,376	3/4	179,805	3/4	194,216	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	151,221	5	165,677	5	180,105	5	194,517	5		5	5	5	5	5	5	5	5	5	5
1/4	151,522	1/4	165,978	1/4	180,405	1/4	194,816	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,824	1/2	166,279	1/2	180,705	1/2	195,114	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,125	3/4	166,580	3/4	181,006	3/4	195,413	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	152,426	6	166,881	6	181,306	6	195,712	6		6	6	6	6	6	6	6	6	6	6
1/4	152,727	1/4	167,183	1/4	181,606	1/4	196,009	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,028	1/2	167,484	1/2	181,906	1/2	196,306	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,329	3/4	167,785	3/4	182,207	3/4	196,604	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	153,630	7	168,086	7	182,507	7	196,901	7		7	7	7	7	7	7	7	7	7	7
1/4	153,932	1/4	168,387	1/4	182,807	1/4	197,198	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,233	1/2	168,688	1/2	183,107	1/2	197,496	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,534	3/4	168,990	3/4	183,408	3/4	197,793	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	154,835	8	169,291	8	183,708	8	198,090	8		8	8	8	8	8	8	8	8	8	8
1/4	155,136	1/4	169,592	1/4	184,008	1/4	198,388	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,437	1/2	169,893	1/2	184,308	1/2	198,685	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,739	3/4	170,194	3/4	184,609	3/4	198,982	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	156,040	9	170,495	9	184,909	9	199,280	9		9	9	9	9	9	9	9	9	9	9
1/4	156,341	1/4	170,796	1/4	185,209	1/4	199,577	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,642	1/2	171,097	1/2	185,509	1/2	199,874	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,943	3/4	171,397	3/4	185,810	3/4	200,172	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	157,244	10	171,698	10	186,110	10	200,469	10		10	10	10	10	10	10	10	10	10	10
1/4	157,546	1/4	171,998	1/4	186,410	1/4	200,766	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,847	1/2	172,299	1/2	186,710	1/2	201,063	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,148	3/4	172,599	3/4	187,011	3/4	201,360	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	158,449	11	172,899	11	187,311	11	201,657	11		11	11	11	11	11	11	11	11	11	11
1/4	158,750	1/4	173,199	1/4	187,611	1/4	201,950	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,051	1/2	173,500	1/2	187,911	1/2	202,244	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,352	3/4	173,800	3/4	188,212	3/4	202,537	3/4		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: 01/24/2012 CL - SW
CALCULATED: 01/25/2012 CL
PRINTED: 01/25/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2012

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



BARGE "HFL 605"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 1/2"

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	173,536	0	190,928	0	208,310	0	225,651	0	242,879	0		0		0		0		0	
1/4	173,898	1/4	191,290	1/4	208,671	1/4	226,012	1/4	243,203	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	174,260	1/2	191,653	1/2	209,032	1/2	226,373	1/2	243,526	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	174,623	3/4	192,015	3/4	209,393	3/4	226,735	3/4	243,849	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	174,985	1	192,377	1	209,755	1	227,096	1	244,172	1	1	1	1	1	1	1	1	1	1
1/4	175,347	1/4	192,740	1/4	210,116	1/4	227,457	1/4	244,440	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	175,710	1/2	193,102	1/2	210,477	1/2	227,818	1/2	244,707	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	176,072	3/4	193,464	3/4	210,839	3/4	228,180	3/4	244,974	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	176,434	2	193,827	2	211,200	2	228,541	2	245,241	2	2	2	2	2	2	2	2	2	2
1/4	176,797	1/4	194,189	1/4	211,561	1/4	228,902	1/4	245,448	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	177,159	1/2	194,551	1/2	211,922	1/2	229,263	1/2	245,655	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	177,522	3/4	194,914	3/4	212,284	3/4	229,625	3/4	245,862	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	177,884	3	195,276	3	212,645	3	229,986	3	246,069	3	3	3	3	3	3	3	3	3	3
1/4	178,246	1/4	195,638	1/4	213,006	1/4	230,347	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	178,609	1/2	196,001	1/2	213,367	1/2	230,709	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	178,971	3/4	196,363	3/4	213,729	3/4	231,070	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	179,333	4	196,725	4	214,090	4	231,431	4		4	4	4	4	4	4	4	4	4	4
1/4	179,696	1/4	197,088	1/4	214,451	1/4	231,792	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	180,058	1/2	197,450	1/2	214,813	1/2	232,154	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	180,420	3/4	197,812	3/4	215,174	3/4	232,515	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	180,783	5	198,175	5	215,535	5	232,876	5		5	5	5	5	5	5	5	5	5	5
1/4	181,145	1/4	198,537	1/4	215,896	1/4	233,236	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	181,507	1/2	198,899	1/2	216,258	1/2	233,595	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	181,870	3/4	199,262	3/4	216,619	3/4	233,955	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	182,232	6	199,624	6	216,980	6	234,314	6		6	6	6	6	6	6	6	6	6	6
1/4	182,594	1/4	199,986	1/4	217,341	1/4	234,672	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	182,957	1/2	200,349	1/2	217,703	1/2	235,030	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	183,319	3/4	200,711	3/4	218,064	3/4	235,387	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	183,681	7	201,073	7	218,425	7	235,745	7		7	7	7	7	7	7	7	7	7	7
1/4	184,044	1/4	201,436	1/4	218,787	1/4	236,103	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	184,406	1/2	201,798	1/2	219,148	1/2	236,460	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	184,768	3/4	202,161	3/4	219,509	3/4	236,818	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	185,131	8	202,523	8	219,870	8	237,176	8		8	8	8	8	8	8	8	8	8	8
1/4	185,493	1/4	202,885	1/4	220,232	1/4	237,534	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	185,855	1/2	203,248	1/2	220,593	1/2	237,892	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	186,218	3/4	203,610	3/4	220,954	3/4	238,250	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	186,580	9	203,972	9	221,315	9	238,607	9		9	9	9	9	9	9	9	9	9	9
1/4	186,942	1/4	204,334	1/4	221,677	1/4	238,965	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	187,305	1/2	204,696	1/2	222,038	1/2	239,323	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	187,667	3/4	205,058	3/4	222,399	3/4	239,681	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	188,029	10	205,419	10	222,761	10	240,038	10		10	10	10	10	10	10	10	10	10	10
1/4	188,392	1/4	205,781	1/4	223,122	1/4	240,396	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	188,754	1/2	206,142	1/2	223,483	1/2	240,753	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	189,116	3/4	206,503	3/4	223,844	3/4	241,110	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	189,479	11	206,865	11	224,206	11	241,467	11		11	11	11	11	11	11	11	11	11	11
1/4	189,841	1/4	207,226	1/4	224,567	1/4	241,820	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	190,203	1/2	207,587	1/2	224,928	1/2	242,173	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	190,566	3/4	207,948	3/4	225,289	3/4	242,526	3/4		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: 01/24/2012 CL - SW
CALCULATED: 01/25/2012 CL
PRINTED: 01/25/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "HFL 605"

**2 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 1/2"

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	174,667	0	192,059	0	209,441	0	226,782	0	244,010	0		0		0		0		0	
1/4	175,029	1/4	192,421	1/4	209,802	1/4	227,143	1/4	244,334	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	175,391	1/2	192,784	1/2	210,163	1/2	227,504	1/2	244,657	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	175,754	3/4	193,146	3/4	210,524	3/4	227,866	3/4	244,980	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	176,116	1	193,508	1	210,886	1	228,227	1	245,303	1	1	1	1	1	1	1	1	1	1
1/4	176,478	1/4	193,871	1/4	211,247	1/4	228,588	1/4	245,571	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	176,841	1/2	194,233	1/2	211,608	1/2	228,949	1/2	245,838	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	177,203	3/4	194,595	3/4	211,969	3/4	229,311	3/4	246,105	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	177,565	2	194,958	2	212,331	2	229,672	2	246,372	2	2	2	2	2	2	2	2	2	2
1/4	177,928	1/4	195,320	1/4	212,692	1/4	230,033	1/4	246,579	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	178,290	1/2	195,682	1/2	213,053	1/2	230,394	1/2	246,786	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	178,652	3/4	196,045	3/4	213,415	3/4	230,756	3/4	246,993	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	179,015	3	196,407	3	213,776	3	231,117	3	247,200	3	3	3	3	3	3	3	3	3	3
1/4	179,377	1/4	196,769	1/4	214,137	1/4	231,478	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	179,739	1/2	197,132	1/2	214,498	1/2	231,840	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	180,102	3/4	197,494	3/4	214,860	3/4	232,201	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	180,464	4	197,856	4	215,221	4	232,562	4		4	4	4	4	4	4	4	4	4	4
1/4	180,826	1/4	198,219	1/4	215,582	1/4	232,923	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	181,189	1/2	198,581	1/2	215,944	1/2	233,285	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	181,551	3/4	198,943	3/4	216,305	3/4	233,646	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	181,914	5	199,306	5	216,666	5	234,007	5		5	5	5	5	5	5	5	5	5	5
1/4	182,276	1/4	199,668	1/4	217,027	1/4	234,367	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	182,638	1/2	200,030	1/2	217,389	1/2	234,726	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	183,001	3/4	200,393	3/4	217,750	3/4	235,086	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	183,363	6	200,755	6	218,111	6	235,445	6		6	6	6	6	6	6	6	6	6	6
1/4	183,725	1/4	201,117	1/4	218,472	1/4	235,803	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	184,088	1/2	201,480	1/2	218,834	1/2	236,160	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	184,450	3/4	201,842	3/4	219,195	3/4	236,518	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	184,812	7	202,204	7	219,556	7	236,876	7		7	7	7	7	7	7	7	7	7	7
1/4	185,175	1/4	202,567	1/4	219,918	1/4	237,234	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	185,537	1/2	202,929	1/2	220,279	1/2	237,591	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	185,899	3/4	203,291	3/4	220,640	3/4	237,949	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	186,262	8	203,654	8	221,001	8	238,307	8		8	8	8	8	8	8	8	8	8	8
1/4	186,624	1/4	204,016	1/4	221,363	1/4	238,665	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	186,986	1/2	204,378	1/2	221,724	1/2	239,023	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	187,349	3/4	204,741	3/4	222,085	3/4	239,380	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	187,711	9	205,103	9	222,446	9	239,738	9		9	9	9	9	9	9	9	9	9	9
1/4	188,073	1/4	205,465	1/4	222,808	1/4	240,096	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	188,436	1/2	205,827	1/2	223,169	1/2	240,454	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	188,798	3/4	206,189	3/4	223,530	3/4	240,812	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	189,160	10	206,550	10	223,892	10	241,169	10		10	10	10	10	10	10	10	10	10	10
1/4	189,523	1/4	206,912	1/4	224,253	1/4	241,527	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	189,885	1/2	207,273	1/2	224,614	1/2	241,884	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	190,247	3/4	207,634	3/4	224,975	3/4	242,241	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	190,610	11	207,995	11	225,337	11	242,598	11		11	11	11	11	11	11	11	11	11	11
1/4	190,972	1/4	208,357	1/4	225,698	1/4	242,951	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	191,334	1/2	208,718	1/2	226,059	1/2	243,304	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	191,697	3/4	209,079	3/4	226,420	3/4	243,657	3/4		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: 01/24/2012 CL - SW
CALCULATED: 01/25/2012 CL
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CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "HFL 605"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 3/4"

Table with 18 columns (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.) and rows for heights 0 to 11 feet, each with 1/4, 1/2, and 3/4 increments. Values represent capacity in whole gallons.

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 TO THREADS ON "MMC" VALVE. GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 49'-09" FORWARD OF AFT BULKHEAD.

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BARGE "HFL 605"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 3/4"

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	172,014	0	184,718	0	197,400	0	210,054	0	222,688	0		0		0		0		0	
1/4	172,282	1/4	184,982	1/4	197,664	1/4	210,317	1/4	222,924	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	172,550	1/2	185,247	1/2	197,928	1/2	210,581	1/2	223,160	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	172,818	3/4	185,511	3/4	198,191	3/4	210,845	3/4	223,396	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	173,086	1	185,776	1	198,455	1	211,108	1	223,631	1	1	1	1	1	1	1	1	1	1
1/4	173,350	1/4	186,040	1/4	198,718	1/4	211,372	1/4	223,826	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	173,614	1/2	186,304	1/2	198,982	1/2	211,636	1/2	224,021	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	173,879	3/4	186,569	3/4	199,246	3/4	211,899	3/4	224,216	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	174,143	2	186,833	2	199,509	2	212,163	2	224,411	2	2	2	2	2	2	2	2	2	2
1/4	174,408	1/4	187,097	1/4	199,773	1/4	212,426	1/4	224,562	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	174,672	1/2	187,362	1/2	200,037	1/2	212,690	1/2	224,713	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	174,936	3/4	187,626	3/4	200,300	3/4	212,954	3/4	224,864	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	175,201	3	187,891	3	200,564	3	213,217	3	225,015	3	3	3	3	3	3	3	3	3	3
1/4	175,465	1/4	188,155	1/4	200,827	1/4	213,481	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	175,729	1/2	188,419	1/2	201,091	1/2	213,744	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	175,994	3/4	188,684	3/4	201,355	3/4	214,008	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	176,258	4	188,948	4	201,618	4	214,272	4	4	4	4	4	4	4	4	4	4	4	4
1/4	176,522	1/4	189,212	1/4	201,882	1/4	214,535	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	176,787	1/2	189,477	1/2	202,145	1/2	214,799	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	177,051	3/4	189,741	3/4	202,409	3/4	215,063	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	177,316	5	190,006	5	202,673	5	215,326	5	5	5	5	5	5	5	5	5	5	5	5
1/4	177,580	1/4	190,270	1/4	202,936	1/4	215,590	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	177,844	1/2	190,534	1/2	203,200	1/2	215,853	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	178,109	3/4	190,799	3/4	203,464	3/4	216,117	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	178,373	6	191,063	6	203,727	6	216,381	6	6	6	6	6	6	6	6	6	6	6	6
1/4	178,637	1/4	191,327	1/4	203,991	1/4	216,644	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	178,902	1/2	191,592	1/2	204,254	1/2	216,908	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	179,166	3/4	191,856	3/4	204,518	3/4	217,171	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	179,431	7	192,121	7	204,782	7	217,435	7	7	7	7	7	7	7	7	7	7	7	7
1/4	179,695	1/4	192,385	1/4	205,045	1/4	217,699	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	179,959	1/2	192,649	1/2	205,309	1/2	217,962	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	180,224	3/4	192,914	3/4	205,572	3/4	218,226	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	180,488	8	193,178	8	205,836	8	218,490	8	8	8	8	8	8	8	8	8	8	8	8
1/4	180,752	1/4	193,442	1/4	206,100	1/4	218,753	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	181,017	1/2	193,707	1/2	206,363	1/2	219,017	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	181,281	3/4	193,971	3/4	206,627	3/4	219,281	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	181,546	9	194,236	9	206,891	9	219,545	9	9	9	9	9	9	9	9	9	9	9	9
1/4	181,810	1/4	194,500	1/4	207,154	1/4	219,808	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	182,074	1/2	194,764	1/2	207,418	1/2	220,072	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	182,339	3/4	195,028	3/4	207,681	3/4	220,336	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	182,603	10	195,292	10	207,945	10	220,599	10	10	10	10	10	10	10	10	10	10	10	10
1/4	182,867	1/4	195,555	1/4	208,209	1/4	220,863	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	183,132	1/2	195,819	1/2	208,472	1/2	221,126	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	183,396	3/4	196,082	3/4	208,736	3/4	221,389	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	183,661	11	196,346	11	208,999	11	221,652	11	11	11	11	11	11	11	11	11	11	11	11
1/4	183,925	1/4	196,610	1/4	209,263	1/4	221,911	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	184,189	1/2	196,873	1/2	209,527	1/2	222,170	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	184,454	3/4	197,137	3/4	209,790	3/4	222,429	3/4	3/4	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: 01/24/2012 CL - SW
CALCULATED: 01/25/2012 CL
PRINTED: 01/25/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2012

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



BARGE "HFL 605"

**3 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 3/4"

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	173,020	0	185,725	0	198,408	0	211,062	0	223,696	0		0		0		0		0	
1/4	173,288	1/4	185,989	1/4	198,671	1/4	211,325	1/4	223,932	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	173,556	1/2	186,254	1/2	198,935	1/2	211,589	1/2	224,168	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	173,824	3/4	186,518	3/4	199,199	3/4	211,853	3/4	224,404	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	174,092	1	186,782	1	199,462	1	212,116	1	224,640	1	1	1	1	1	1	1	1	1	1
1/4	174,356	1/4	187,047	1/4	199,726	1/4	212,380	1/4	224,835	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	174,621	1/2	187,311	1/2	199,989	1/2	212,643	1/2	225,030	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	174,885	3/4	187,576	3/4	200,253	3/4	212,907	3/4	225,225	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	175,150	2	187,840	2	200,517	2	213,171	2	225,420	2	2	2	2	2	2	2	2	2	2
1/4	175,414	1/4	188,104	1/4	200,780	1/4	213,434	1/4	225,571	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	175,678	1/2	188,369	1/2	201,044	1/2	213,698	1/2	225,722	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	175,943	3/4	188,633	3/4	201,308	3/4	213,961	3/4	225,872	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	176,207	3	188,898	3	201,571	3	214,225	3	226,023	3	3	3	3	3	3	3	3	3	3
1/4	176,472	1/4	189,162	1/4	201,835	1/4	214,489	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	176,736	1/2	189,426	1/2	202,098	1/2	214,752	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	177,000	3/4	189,691	3/4	202,362	3/4	215,016	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	177,265	4	189,955	4	202,626	4	215,280	4		4	4	4	4	4	4	4	4	4	4
1/4	177,529	1/4	190,219	1/4	202,889	1/4	215,543	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	177,793	1/2	190,484	1/2	203,153	1/2	215,807	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	178,058	3/4	190,748	3/4	203,417	3/4	216,070	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	178,322	5	191,013	5	203,680	5	216,334	5		5	5	5	5	5	5	5	5	5	5
1/4	178,587	1/4	191,277	1/4	203,944	1/4	216,598	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	178,851	1/2	191,541	1/2	204,207	1/2	216,861	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	179,115	3/4	191,806	3/4	204,471	3/4	217,125	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	179,380	6	192,070	6	204,735	6	217,389	6		6	6	6	6	6	6	6	6	6	6
1/4	179,644	1/4	192,335	1/4	204,998	1/4	217,652	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	179,909	1/2	192,599	1/2	205,262	1/2	217,916	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	180,173	3/4	192,863	3/4	205,526	3/4	218,179	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	180,437	7	193,128	7	205,789	7	218,443	7		7	7	7	7	7	7	7	7	7	7
1/4	180,702	1/4	193,392	1/4	206,053	1/4	218,707	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	180,966	1/2	193,656	1/2	206,316	1/2	218,970	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	181,230	3/4	193,921	3/4	206,580	3/4	219,234	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	181,495	8	194,185	8	206,844	8	219,498	8		8	8	8	8	8	8	8	8	8	8
1/4	181,759	1/4	194,450	1/4	207,107	1/4	219,762	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	182,024	1/2	194,714	1/2	207,371	1/2	220,025	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	182,288	3/4	194,978	3/4	207,635	3/4	220,289	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	182,552	9	195,243	9	207,898	9	220,553	9		9	9	9	9	9	9	9	9	9	9
1/4	182,817	1/4	195,507	1/4	208,162	1/4	220,816	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	183,081	1/2	195,771	1/2	208,425	1/2	221,080	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	183,345	3/4	196,035	3/4	208,689	3/4	221,344	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	183,610	10	196,299	10	208,953	10	221,607	10		10	10	10	10	10	10	10	10	10	10
1/4	183,874	1/4	196,562	1/4	209,216	1/4	221,871	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	184,139	1/2	196,826	1/2	209,480	1/2	222,134	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	184,403	3/4	197,090	3/4	209,744	3/4	222,397	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	184,667	11	197,353	11	210,007	11	222,661	11		11	11	11	11	11	11	11	11	11	11
1/4	184,932	1/4	197,617	1/4	210,271	1/4	222,919	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	185,196	1/2	197,880	1/2	210,534	1/2	223,178	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	185,461	3/4	198,144	3/4	210,798	3/4	223,437	3/4		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.

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ALL PRIOR TO 01/2012

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



BARGE "HFL 605"

PORT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-00 3/4"

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	96	0	1,249	0	2,402	0	3,553	0	4,706	0		0		0		0		0	
1/4	120	1/4	1,273	1/4	2,426	1/4	3,578	1/4	4,730	1/4		1/4		1/4		1/4		1/4	
1/2	144	1/2	1,297	1/2	2,449	1/2	3,602	1/2	4,754	1/2		1/2		1/2		1/2		1/2	
3/4	168	3/4	1,321	3/4	2,473	3/4	3,626	3/4	4,777	3/4		3/4		3/4		3/4		3/4	
1	192	1	1,345	1	2,497	1	3,650	1	4,801	1		1		1		1		1	
1/4	216	1/4	1,369	1/4	2,521	1/4	3,674	1/4	4,825	1/4		1/4		1/4		1/4		1/4	
1/2	240	1/2	1,393	1/2	2,545	1/2	3,698	1/2	4,848	1/2		1/2		1/2		1/2		1/2	
3/4	264	3/4	1,417	3/4	2,569	3/4	3,722	3/4	4,872	3/4		3/4		3/4		3/4		3/4	
2	288	2	1,441	2	2,593	2	3,746	2	4,896	2		2		2		2		2	
1/4	312	1/4	1,465	1/4	2,617	1/4	3,770	1/4	4,919	1/4		1/4		1/4		1/4		1/4	
1/2	336	1/2	1,489	1/2	2,641	1/2	3,794	1/2	4,943	1/2		1/2		1/2		1/2		1/2	
3/4	360	3/4	1,513	3/4	2,665	3/4	3,818	3/4	4,967	3/4		3/4		3/4		3/4		3/4	
3	384	3	1,537	3	2,689	3	3,842	3	4,990	3		3		3		3		3	
1/4	408	1/4	1,561	1/4	2,713	1/4	3,866	1/4	5,014	1/4		1/4		1/4		1/4		1/4	
1/2	432	1/2	1,585	1/2	2,737	1/2	3,890	1/2	5,037	1/2		1/2		1/2		1/2		1/2	
3/4	456	3/4	1,609	3/4	2,761	3/4	3,914	3/4	5,061	3/4		3/4		3/4		3/4		3/4	
4	480	4	1,633	4	2,785	4	3,938	4	5,084	4		4		4		4		4	
1/4	504	1/4	1,657	1/4	2,809	1/4	3,962	1/4	5,096	1/4		1/4		1/4		1/4		1/4	
1/2	528	1/2	1,681	1/2	2,833	1/2	3,986	1/2	5,108	1/2		1/2		1/2		1/2		1/2	
3/4	552	3/4	1,705	3/4	2,857	3/4	4,010	3/4	5,119	3/4		3/4		3/4		3/4		3/4	
5	577	5	1,729	5	2,881	5	4,034	5	5,131	5		5		5		5		5	
1/4	601	1/4	1,753	1/4	2,905	1/4	4,058	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	625	1/2	1,777	1/2	2,929	1/2	4,082	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	649	3/4	1,801	3/4	2,953	3/4	4,106	3/4		3/4		3/4		3/4		3/4		3/4	
6	673	6	1,825	6	2,977	6	4,130	6		6		6		6		6		6	
1/4	697	1/4	1,849	1/4	3,001	1/4	4,154	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	721	1/2	1,873	1/2	3,025	1/2	4,178	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	745	3/4	1,897	3/4	3,049	3/4	4,202	3/4		3/4		3/4		3/4		3/4		3/4	
7	769	7	1,921	7	3,073	7	4,226	7		7		7		7		7		7	
1/4	793	1/4	1,945	1/4	3,097	1/4	4,250	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	817	1/2	1,969	1/2	3,121	1/2	4,274	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	841	3/4	1,993	3/4	3,145	3/4	4,298	3/4		3/4		3/4		3/4		3/4		3/4	
8	865	8	2,017	8	3,169	8	4,322	8		8		8		8		8		8	
1/4	889	1/4	2,042	1/4	3,193	1/4	4,346	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	913	1/2	2,066	1/2	3,217	1/2	4,370	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	937	3/4	2,090	3/4	3,241	3/4	4,394	3/4		3/4		3/4		3/4		3/4		3/4	
9	961	9	2,114	9	3,265	9	4,418	9		9		9		9		9		9	
1/4	985	1/4	2,138	1/4	3,289	1/4	4,442	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,009	1/2	2,162	1/2	3,313	1/2	4,466	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,033	3/4	2,186	3/4	3,337	3/4	4,490	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,057	10	2,210	10	3,361	10	4,514	10		10		10		10		10		10	
1/4	1,081	1/4	2,234	1/4	3,385	1/4	4,538	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,105	1/2	2,258	1/2	3,409	1/2	4,562	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,129	3/4	2,282	3/4	3,433	3/4	4,586	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,153	11	2,306	11	3,457	11	4,610	11		11		11		11		11		11	
1/4	1,177	1/4	2,330	1/4	3,481	1/4	4,634	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,201	1/2	2,354	1/2	3,505	1/2	4,658	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,225	3/4	2,378	3/4	3,529	3/4	4,682	3/4		3/4		3/4		3/4		3/4		3/4	

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CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
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CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

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ALL PRIOR TO 01/2012

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



BARGE "HFL 605"

STBD SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-01 1/4"

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	96	0	1,249	0	2,402	0	3,553	0	4,706	0		0		0		0		0	
1/4	120	1/4	1,273	1/4	2,426	1/4	3,578	1/4	4,730	1/4		1/4		1/4		1/4		1/4	
1/2	144	1/2	1,297	1/2	2,449	1/2	3,602	1/2	4,754	1/2		1/2		1/2		1/2		1/2	
3/4	168	3/4	1,321	3/4	2,473	3/4	3,626	3/4	4,777	3/4		3/4		3/4		3/4		3/4	
1	192	1	1,345	1	2,497	1	3,650	1	4,801	1		1		1		1		1	
1/4	216	1/4	1,369	1/4	2,521	1/4	3,674	1/4	4,825	1/4		1/4		1/4		1/4		1/4	
1/2	240	1/2	1,393	1/2	2,545	1/2	3,698	1/2	4,848	1/2		1/2		1/2		1/2		1/2	
3/4	264	3/4	1,417	3/4	2,569	3/4	3,722	3/4	4,872	3/4		3/4		3/4		3/4		3/4	
2	288	2	1,441	2	2,593	2	3,746	2	4,896	2		2		2		2		2	
1/4	312	1/4	1,465	1/4	2,617	1/4	3,770	1/4	4,919	1/4		1/4		1/4		1/4		1/4	
1/2	336	1/2	1,489	1/2	2,641	1/2	3,794	1/2	4,943	1/2		1/2		1/2		1/2		1/2	
3/4	360	3/4	1,513	3/4	2,665	3/4	3,818	3/4	4,967	3/4		3/4		3/4		3/4		3/4	
3	384	3	1,537	3	2,689	3	3,842	3	4,990	3		3		3		3		3	
1/4	408	1/4	1,561	1/4	2,713	1/4	3,866	1/4	5,014	1/4		1/4		1/4		1/4		1/4	
1/2	432	1/2	1,585	1/2	2,737	1/2	3,890	1/2	5,037	1/2		1/2		1/2		1/2		1/2	
3/4	456	3/4	1,609	3/4	2,761	3/4	3,914	3/4	5,061	3/4		3/4		3/4		3/4		3/4	
4	480	4	1,633	4	2,785	4	3,938	4	5,084	4		4		4		4		4	
1/4	504	1/4	1,657	1/4	2,809	1/4	3,962	1/4	5,096	1/4		1/4		1/4		1/4		1/4	
1/2	528	1/2	1,681	1/2	2,833	1/2	3,986	1/2	5,108	1/2		1/2		1/2		1/2		1/2	
3/4	552	3/4	1,705	3/4	2,857	3/4	4,010	3/4	5,119	3/4		3/4		3/4		3/4		3/4	
5	577	5	1,729	5	2,881	5	4,034	5	5,131	5		5		5		5		5	
1/4	601	1/4	1,753	1/4	2,905	1/4	4,058	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	625	1/2	1,777	1/2	2,929	1/2	4,082	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	649	3/4	1,801	3/4	2,953	3/4	4,106	3/4		3/4		3/4		3/4		3/4		3/4	
6	673	6	1,825	6	2,977	6	4,130	6		6		6		6		6		6	
1/4	697	1/4	1,849	1/4	3,001	1/4	4,154	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	721	1/2	1,873	1/2	3,025	1/2	4,178	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	745	3/4	1,897	3/4	3,049	3/4	4,202	3/4		3/4		3/4		3/4		3/4		3/4	
7	769	7	1,921	7	3,073	7	4,226	7		7		7		7		7		7	
1/4	793	1/4	1,945	1/4	3,097	1/4	4,250	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	817	1/2	1,969	1/2	3,121	1/2	4,274	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	841	3/4	1,993	3/4	3,145	3/4	4,298	3/4		3/4		3/4		3/4		3/4		3/4	
8	865	8	2,017	8	3,169	8	4,322	8		8		8		8		8		8	
1/4	889	1/4	2,042	1/4	3,193	1/4	4,346	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	913	1/2	2,066	1/2	3,217	1/2	4,370	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	937	3/4	2,090	3/4	3,241	3/4	4,394	3/4		3/4		3/4		3/4		3/4		3/4	
9	961	9	2,114	9	3,265	9	4,418	9		9		9		9		9		9	
1/4	985	1/4	2,138	1/4	3,289	1/4	4,442	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,009	1/2	2,162	1/2	3,313	1/2	4,466	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,033	3/4	2,186	3/4	3,337	3/4	4,490	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,057	10	2,210	10	3,361	10	4,514	10		10		10		10		10		10	
1/4	1,081	1/4	2,234	1/4	3,385	1/4	4,538	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,105	1/2	2,258	1/2	3,409	1/2	4,562	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,129	3/4	2,282	3/4	3,433	3/4	4,586	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,153	11	2,306	11	3,457	11	4,610	11		11		11		11		11		11	
1/4	1,177	1/4	2,330	1/4	3,481	1/4	4,634	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,201	1/2	2,354	1/2	3,505	1/2	4,658	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,225	3/4	2,378	3/4	3,529	3/4	4,682	3/4		3/4		3/4		3/4		3/4		3/4	

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