



# BARGE "HFL 607"

## ULLAGE 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	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
1 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
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 - 00-1/4"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4"

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 607"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 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		0		0	201,318	0	186,965	0	172,549	0	158,094	0	143,635	0	129,175	0	114,716	0	100,254
1/4		1/4		1/4	201,021	1/4	186,664	1/4	172,249	1/4	157,793	1/4	143,334	1/4	128,874	1/4	114,415	1/4	99,953
1/2		1/2		1/2	200,724	1/2	186,364	1/2	171,948	1/2	157,492	1/2	143,032	1/2	128,573	1/2	114,114	1/2	99,651
3/4		3/4		3/4	200,427	3/4	186,064	3/4	171,648	3/4	157,190	3/4	142,731	3/4	128,272	3/4	113,812	3/4	99,350
1		1		1	200,129	1	185,763	1	171,347	1	156,889	1	142,430	1	127,971	1	113,511	1	99,049
1/4		1/4		1/4	199,832	1/4	185,463	1/4	171,046	1/4	156,588	1/4	142,129	1/4	127,669	1/4	113,210	1/4	98,747
1/2		1/2		1/2	199,534	1/2	185,163	1/2	170,746	1/2	156,287	1/2	141,827	1/2	127,368	1/2	112,909	1/2	98,446
3/4		3/4		3/4	199,237	3/4	184,862	3/4	170,445	3/4	155,986	3/4	141,526	3/4	127,067	3/4	112,607	3/4	98,145
2		2		2	198,939	2	184,562	2	170,144	2	155,684	2	141,225	2	126,766	2	112,306	2	97,843
1/4		1/4		1/4	198,642	1/4	184,262	1/4	169,842	1/4	155,383	1/4	140,924	1/4	126,464	1/4	112,005	1/4	97,542
1/2		1/2		1/2	198,345	1/2	183,961	1/2	169,541	1/2	155,082	1/2	140,622	1/2	126,163	1/2	111,704	1/2	97,240
3/4		3/4		3/4	198,047	3/4	183,661	3/4	169,240	3/4	154,781	3/4	140,321	3/4	125,862	3/4	111,403	3/4	96,939
3		3		3	197,750	3	183,361	3	168,939	3	154,479	3	140,020	3	125,561	3	111,101	3	96,638
1/4		1/4		1/4	197,452	1/4	183,060	1/4	168,637	1/4	154,178	1/4	139,719	1/4	125,259	1/4	110,800	1/4	96,336
1/2		1/2		1/2	197,155	1/2	182,760	1/2	168,336	1/2	153,877	1/2	139,418	1/2	124,958	1/2	110,499	1/2	96,035
3/4		3/4		3/4	196,857	3/4	182,460	3/4	168,035	3/4	153,576	3/4	139,116	3/4	124,657	3/4	110,198	3/4	95,734
4		4		4	196,560	4	182,159	4	167,734	4	153,274	4	138,815	4	124,356	4	109,896	4	95,432
1/4		1/4		1/4	196,263	1/4	181,859	1/4	167,433	1/4	152,973	1/4	138,514	1/4	124,054	1/4	109,595	1/4	95,131
1/2		1/2		1/2	195,965	1/2	181,559	1/2	167,131	1/2	152,672	1/2	138,213	1/2	123,753	1/2	109,294	1/2	94,830
3/4		3/4		3/4	195,668	3/4	181,258	3/4	166,830	3/4	152,371	3/4	137,911	3/4	123,452	3/4	108,993	3/4	94,528
5		5		5	195,369	5	180,958	5	166,529	5	152,069	5	137,610	5	123,151	5	108,691	5	94,227
1/4		1/4		1/4	195,070	1/4	180,658	1/4	166,228	1/4	151,768	1/4	137,309	1/4	122,850	1/4	108,390	1/4	93,925
1/2		1/2		1/2	194,771	1/2	180,357	1/2	165,926	1/2	151,467	1/2	137,008	1/2	122,548	1/2	108,089	1/2	93,624
3/4		3/4		3/4	194,473	3/4	180,057	3/4	165,625	3/4	151,166	3/4	136,706	3/4	122,247	3/4	107,788	3/4	93,323
6		6		6	194,172	6	179,757	6	165,324	6	150,865	6	136,405	6	121,946	6	107,486	6	93,021
1/4		1/4		1/4	193,872	1/4	179,456	1/4	165,023	1/4	150,563	1/4	136,104	1/4	121,645	1/4	107,185	1/4	92,720
1/2		1/2		1/2	193,572	1/2	179,156	1/2	164,721	1/2	150,262	1/2	135,803	1/2	121,343	1/2	106,884	1/2	92,419
3/4		3/4		3/4	193,271	3/4	178,856	3/4	164,420	3/4	149,961	3/4	135,501	3/4	121,042	3/4	106,583	3/4	92,117
7		7		7	192,971	7	178,555	7	164,119	7	149,660	7	135,200	7	120,741	7	106,281	7	91,816
1/4		1/4		1/4	192,671	1/4	178,255	1/4	163,818	1/4	149,358	1/4	134,899	1/4	120,440	1/4	105,980	1/4	91,514
1/2		1/2		1/2	192,370	1/2	177,955	1/2	163,516	1/2	149,057	1/2	134,598	1/2	120,138	1/2	105,679	1/2	91,213
3/4		3/4	205,439	3/4	192,070	3/4	177,655	3/4	163,215	3/4	148,756	3/4	134,297	3/4	119,837	3/4	105,378	3/4	90,912
8		8	205,268	8	191,770	8	177,354	8	162,914	8	148,455	8	133,995	8	119,536	8	105,076	8	90,610
1/4		1/4	205,096	1/4	191,469	1/4	177,054	1/4	162,613	1/4	148,153	1/4	133,694	1/4	119,235	1/4	104,775	1/4	90,309
1/2		1/2	204,924	1/2	191,169	1/2	176,754	1/2	162,312	1/2	147,852	1/2	133,393	1/2	118,933	1/2	104,473	1/2	90,008
3/4		3/4	204,752	3/4	190,869	3/4	176,453	3/4	162,010	3/4	147,551	3/4	133,092	3/4	118,632	3/4	104,172	3/4	89,706
9		9	204,530	9	190,568	9	176,153	9	161,709	9	147,250	9	132,790	9	118,331	9	103,871	9	89,405
1/4		1/4	204,308	1/4	190,268	1/4	175,853	1/4	161,408	1/4	146,948	1/4	132,489	1/4	118,030	1/4	103,569	1/4	89,103
1/2		1/2	204,085	1/2	189,968	1/2	175,552	1/2	161,107	1/2	146,647	1/2	132,188	1/2	117,729	1/2	103,268	1/2	88,802
3/4		3/4	203,863	3/4	189,667	3/4	175,252	3/4	160,805	3/4	146,346	3/4	131,887	3/4	117,427	3/4	102,967	3/4	88,501
10		10	203,595	10	189,367	10	174,952	10	160,504	10	146,045	10	131,585	10	117,126	10	102,665	10	88,199
1/4		1/4	203,326	1/4	189,067	1/4	174,651	1/4	160,203	1/4	145,744	1/4	131,284	1/4	116,825	1/4	102,364	1/4	87,898
1/2		1/2	203,057	1/2	188,766	1/2	174,351	1/2	159,902	1/2	145,442	1/2	130,983	1/2	116,524	1/2	102,062	1/2	87,597
3/4		3/4	202,788	3/4	188,466	3/4	174,051	3/4	159,600	3/4	145,141	3/4	130,682	3/4	116,222	3/4	101,761	3/4	87,295
11		11	202,495	11	188,166	11	173,750	11	159,299	11	144,840	11	130,380	11	115,921	11	101,460	11	86,994
1/4		1/4	202,201	1/4	187,866	1/4	173,450	1/4	158,998	1/4	144,539	1/4	130,079	1/4	115,620	1/4	101,158	1/4	86,692
1/2		1/2	201,908	1/2	187,565	1/2	173,150	1/2	158,697	1/2	144,237	1/2	129,778	1/2	115,319	1/2	100,857	1/2	86,391
3/4		3/4	201,615	3/4	187,265	3/4	172,849	3/4	158,395	3/4	143,936	3/4	129,477	3/4	115,017	3/4	100,556	3/4	86,090

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 ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
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## 1 PORT ULLAGE 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	85,788	0	71,322	0	56,911	0	42,496	0	28,030	0	13,565	0		0		0		0	
1/4	85,487	1/4	71,021	1/4	56,612	1/4	42,194	1/4	27,729	1/4	13,263	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,186	1/2	70,720	1/2	56,313	1/2	41,893	1/2	27,428	1/2	12,962	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,884	3/4	70,418	3/4	56,014	3/4	41,592	3/4	27,126	3/4	12,661	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	84,583	1	70,117	1	55,715	1	41,290	1	26,825	1	12,359	1	1	1	1	1	1	1	1
1/4	84,281	1/4	69,816	1/4	55,416	1/4	40,989	1/4	26,523	1/4	12,058	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,980	1/2	69,514	1/2	55,117	1/2	40,687	1/2	26,222	1/2	11,757	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,679	3/4	69,213	3/4	54,818	3/4	40,386	3/4	25,921	3/4	11,455	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	83,377	2	68,912	2	54,519	2	40,085	2	25,619	2	11,154	2	2	2	2	2	2	2	2
1/4	83,076	1/4	68,610	1/4	54,220	1/4	39,783	1/4	25,318	1/4	10,853	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,775	1/2	68,309	1/2	53,921	1/2	39,482	1/2	25,017	1/2	10,551	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,473	3/4	68,007	3/4	53,622	3/4	39,181	3/4	24,715	3/4	10,250	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	82,172	3	67,706	3	53,323	3	38,879	3	24,414	3	9,948	3	3	3	3	3	3	3	3
1/4	81,871	1/4	67,405	1/4	53,024	1/4	38,578	1/4	24,113	1/4	9,647	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,569	1/2	67,103	1/2	52,725	1/2	38,277	1/2	23,811	1/2	9,346	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,268	3/4	66,802	3/4	52,425	3/4	37,975	3/4	23,510	3/4	9,044	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	80,966	4	66,501	4	52,126	4	37,674	4	23,208	4	8,743	4	4	4	4	4	4	4	4
1/4	80,665	1/4	66,199	1/4	51,826	1/4	37,372	1/4	22,907	1/4	8,442	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,364	1/2	65,898	1/2	51,526	1/2	37,071	1/2	22,606	1/2	8,140	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,062	3/4	65,596	3/4	51,227	3/4	36,770	3/4	22,304	3/4	7,839	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	79,761	5	65,295	5	50,927	5	36,468	5	22,003	5	7,538	5	5	5	5	5	5	5	5
1/4	79,460	1/4	64,994	1/4	50,627	1/4	36,167	1/4	21,702	1/4	7,236	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,158	1/2	64,693	1/2	50,327	1/2	35,866	1/2	21,400	1/2	6,935	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,857	3/4	64,392	3/4	50,027	3/4	35,564	3/4	21,099	3/4	6,633	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	78,555	6	64,092	6	49,726	6	35,263	6	20,798	6	6,332	6	6	6	6	6	6	6	6
1/4	78,254	1/4	63,791	1/4	49,426	1/4	34,962	1/4	20,496	1/4	6,031	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,953	1/2	63,491	1/2	49,125	1/2	34,660	1/2	20,195	1/2	5,729	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,651	3/4	63,191	3/4	48,824	3/4	34,359	3/4	19,893	3/4	5,428	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	77,350	7	62,892	7	48,523	7	34,057	7	19,592	7	5,127	7	7	7	7	7	7	7	7
1/4	77,049	1/4	62,593	1/4	48,222	1/4	33,756	1/4	19,291	1/4	4,826	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,747	1/2	62,294	1/2	47,920	1/2	33,455	1/2	18,989	1/2	4,525	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,446	3/4	61,994	3/4	47,619	3/4	33,153	3/4	18,688	3/4	4,224	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	76,144	8	61,695	8	47,317	8	32,852	8	18,387	8	3,923	8	8	8	8	8	8	8	8
1/4	75,843	1/4	61,396	1/4	47,016	1/4	32,551	1/4	18,085	1/4	3,623	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,542	1/2	61,097	1/2	46,715	1/2	32,249	1/2	17,784	1/2	3,322	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,240	3/4	60,798	3/4	46,413	3/4	31,948	3/4	17,483	3/4	3,022	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	74,939	9	60,499	9	46,112	9	31,647	9	17,181	9	2,740	9	9	9	9	9	9	9	9
1/4	74,638	1/4	60,200	1/4	45,811	1/4	31,345	1/4	16,880	1/4	2,458	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,336	1/2	59,901	1/2	45,509	1/2	31,044	1/2	16,578	1/2	2,177	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,035	3/4	59,602	3/4	45,208	3/4	30,742	3/4	16,277	3/4	1,895	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	73,733	10	59,303	10	44,907	10	30,441	10	15,976	10	1,669	10	10	10	10	10	10	10	10
1/4	73,432	1/4	59,004	1/4	44,605	1/4	30,140	1/4	15,674	1/4	1,443	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,131	1/2	58,705	1/2	44,304	1/2	29,838	1/2	15,373	1/2	1,217	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,829	3/4	58,406	3/4	44,002	3/4	29,537	3/4	15,072	3/4	991	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	72,528	11	58,107	11	43,701	11	29,236	11	14,770	11		11	11	11	11	11	11	11	11
1/4	72,227	1/4	57,808	1/4	43,400	1/4	28,934	1/4	14,469	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,925	1/2	57,509	1/2	43,098	1/2	28,633	1/2	14,168	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,624	3/4	57,210	3/4	42,797	3/4	28,332	3/4	13,866	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: 01/30/2012 CL - SW  
CALCULATED: 01/30/2012 CL  
PRINTED: 01/30/2012 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 607"

**1 STBD**  
**ULLAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	201,140	0	186,782	0	172,365	0	157,907	0	143,446	0	128,985	0	114,524	0	100,061		
1/4	1/4	1/4	1/4	1/4	200,843	1/4	186,482	1/4	172,064	1/4	157,606	1/4	143,145	1/4	128,684	1/4	114,223	1/4	99,759		
1/2	1/2	1/2	1/2	1/2	200,546	1/2	186,181	1/2	171,764	1/2	157,305	1/2	142,844	1/2	128,383	1/2	113,922	1/2	99,458		
3/4	3/4	3/4	3/4	3/4	200,249	3/4	185,881	3/4	171,463	3/4	157,004	3/4	142,542	3/4	128,081	3/4	113,621	3/4	99,157		
1		1		1	199,951	1	185,581	1	171,163	1	156,702	1	142,241	1	127,780	1	113,319	1	98,855		
1/4	1/4	1/4	1/4	1/4	199,654	1/4	185,280	1/4	170,862	1/4	156,401	1/4	141,940	1/4	127,479	1/4	113,018	1/4	98,554		
1/2	1/2	1/2	1/2	1/2	199,356	1/2	184,980	1/2	170,561	1/2	156,100	1/2	141,639	1/2	127,178	1/2	112,717	1/2	98,252		
3/4	3/4	3/4	3/4	3/4	199,059	3/4	184,680	3/4	170,260	3/4	155,798	3/4	141,337	3/4	126,876	3/4	112,415	3/4	97,951		
2		2		2	198,761	2	184,379	2	169,958	2	155,497	2	141,036	2	126,575	2	112,114	2	97,650		
1/4	1/4	1/4	1/4	1/4	198,464	1/4	184,079	1/4	169,657	1/4	155,196	1/4	140,735	1/4	126,274	1/4	111,813	1/4	97,348		
1/2	1/2	1/2	1/2	1/2	198,166	1/2	183,779	1/2	169,356	1/2	154,895	1/2	140,434	1/2	125,973	1/2	111,512	1/2	97,047		
3/4	3/4	3/4	3/4	3/4	197,869	3/4	183,478	3/4	169,054	3/4	154,593	3/4	140,132	3/4	125,671	3/4	111,210	3/4	96,745		
3		3		3	197,571	3	183,178	3	168,753	3	154,292	3	139,831	3	125,370	3	110,909	3	96,444		
1/4	1/4	1/4	1/4	1/4	197,274	1/4	182,877	1/4	168,452	1/4	153,991	1/4	139,530	1/4	125,069	1/4	110,608	1/4	96,142		
1/2	1/2	1/2	1/2	1/2	196,977	1/2	182,577	1/2	168,151	1/2	153,690	1/2	139,228	1/2	124,767	1/2	110,307	1/2	95,841		
3/4	3/4	3/4	3/4	3/4	196,679	3/4	182,277	3/4	167,849	3/4	153,388	3/4	138,927	3/4	124,466	3/4	110,005	3/4	95,540		
4		4		4	196,382	4	181,976	4	167,548	4	153,087	4	138,626	4	124,165	4	109,704	4	95,238		
1/4	1/4	1/4	1/4	1/4	196,084	1/4	181,676	1/4	167,247	1/4	152,786	1/4	138,325	1/4	123,864	1/4	109,403	1/4	94,937		
1/2	1/2	1/2	1/2	1/2	195,787	1/2	181,376	1/2	166,946	1/2	152,484	1/2	138,023	1/2	123,562	1/2	109,101	1/2	94,635		
3/4	3/4	3/4	3/4	3/4	195,488	3/4	181,075	3/4	166,644	3/4	152,183	3/4	137,722	3/4	123,261	3/4	108,800	3/4	94,334		
5		5		5	195,189	5	180,775	5	166,343	5	151,882	5	137,421	5	122,960	5	108,499	5	94,033		
1/4	1/4	1/4	1/4	1/4	194,890	1/4	180,475	1/4	166,042	1/4	151,581	1/4	137,120	1/4	122,659	1/4	108,198	1/4	93,731		
1/2	1/2	1/2	1/2	1/2	194,592	1/2	180,174	1/2	165,740	1/2	151,279	1/2	136,818	1/2	122,357	1/2	107,896	1/2	93,430		
3/4	3/4	3/4	3/4	3/4	194,291	3/4	179,874	3/4	165,439	3/4	150,978	3/4	136,517	3/4	122,056	3/4	107,595	3/4	93,128		
6		6		6	193,991	6	179,574	6	165,138	6	150,677	6	136,216	6	121,755	6	107,294	6	92,827		
1/4	1/4	1/4	1/4	1/4	193,690	1/4	179,273	1/4	164,837	1/4	150,376	1/4	135,914	1/4	121,453	1/4	106,993	1/4	92,526		
1/2	1/2	1/2	1/2	1/2	193,390	1/2	178,973	1/2	164,535	1/2	150,074	1/2	135,613	1/2	121,152	1/2	106,691	1/2	92,224		
3/4	3/4	3/4	3/4	3/4	193,090	3/4	178,672	3/4	164,234	3/4	149,773	3/4	135,312	3/4	120,851	3/4	106,390	3/4	91,923		
7		7		7	192,789	7	178,372	7	163,933	7	149,472	7	135,011	7	120,550	7	106,089	7	91,621		
1/4	1/4	1/4	1/4	1/4	192,489	1/4	178,072	1/4	163,632	1/4	149,170	1/4	134,709	1/4	120,248	1/4	105,787	1/4	91,320		
1/2	1/2	205,560	1/2	192,189	177,771	1/2	163,330	1/2	148,869	1/2	134,408	1/2	119,947	1/2	105,486	1/2	105,486	1/2	91,019		
3/4	3/4	205,388	3/4	191,888	177,471	3/4	163,029	3/4	148,568	3/4	134,107	3/4	119,646	3/4	105,185	3/4	105,185	3/4	90,717		
8		8		8	191,588	8	177,171	8	162,728	8	148,267	8	133,806	8	119,345	8	104,883	8	90,416		
1/4	1/4	205,044	1/4	191,288	176,870	1/4	162,426	1/4	147,965	1/4	133,504	1/4	119,043	1/4	104,582	1/4	104,582	1/4	90,114		
1/2	1/2	204,872	1/2	190,987	176,570	1/2	162,125	1/2	147,664	1/2	133,203	1/2	118,742	1/2	104,280	1/2	104,280	1/2	89,813		
3/4	3/4	204,650	3/4	190,687	176,270	3/4	161,824	3/4	147,363	3/4	132,902	3/4	118,441	3/4	103,979	3/4	103,979	3/4	89,512		
9		9		9	204,428	9	190,387	9	175,969	9	161,523	9	147,062	9	132,600	9	118,140	9	103,678	9	89,210
1/4	1/4	204,206	1/4	190,086	175,669	1/4	161,221	1/4	146,760	1/4	132,299	1/4	117,838	1/4	103,376	1/4	103,376	1/4	88,909		
1/2	1/2	203,983	1/2	189,786	175,368	1/2	160,920	1/2	146,459	1/2	131,998	1/2	117,537	1/2	103,075	1/2	103,075	1/2	88,607		
3/4	3/4	203,715	3/4	189,485	175,068	3/4	160,619	3/4	146,158	3/4	131,697	3/4	117,236	3/4	102,773	3/4	102,773	3/4	88,306		
10		10		10	203,446	10	189,185	10	174,768	10	160,318	10	145,856	10	131,395	10	116,934	10	102,472	10	88,005
1/4	1/4	203,177	1/4	188,885	174,467	1/4	160,016	1/4	145,555	1/4	131,094	1/4	116,633	1/4	102,171	1/4	102,171	1/4	87,703		
1/2	1/2	202,908	1/2	188,584	174,167	1/2	159,715	1/2	145,254	1/2	130,793	1/2	116,332	1/2	101,869	1/2	101,869	1/2	87,402		
3/4	3/4	202,615	3/4	188,284	173,867	3/4	159,414	3/4	144,953	3/4	130,492	3/4	116,031	3/4	101,568	3/4	101,568	3/4	87,100		
11		11		11	202,321	11	187,984	11	173,566	11	159,112	11	144,651	11	130,190	11	115,729	11	101,266	11	86,799
1/4	1/4	202,028	1/4	187,683	173,266	1/4	158,811	1/4	144,350	1/4	129,889	1/4	115,428	1/4	100,965	1/4	100,965	1/4	86,498		
1/2	1/2	201,734	1/2	187,383	172,966	1/2	158,510	1/2	144,049	1/2	129,588	1/2	115,127	1/2	100,664	1/2	100,664	1/2	86,196		
3/4	3/4	201,437	3/4	187,083	172,665	3/4	158,209	3/4	143,748	3/4	129,286	3/4	114,826	3/4	100,362	3/4	100,362	3/4	85,895		

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 ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.  
 GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "HFL 607"

## 1 STBD ULLAGE 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	85,593	0	71,126	0	56,663	0	42,199	0	27,732	0	13,265	0		0		0		0	
1/4	85,292	1/4	70,825	1/4	56,362	1/4	41,898	1/4	27,431	1/4	12,964	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,991	1/2	70,523	1/2	56,060	1/2	41,596	1/2	27,129	1/2	12,662	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,689	3/4	70,222	3/4	55,759	3/4	41,295	3/4	26,828	3/4	12,361	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	84,388	1	69,920	1	55,458	1	40,993	1	26,526	1	12,059	1	1	1	1	1	1	1	1
1/4	84,086	1/4	69,619	1/4	55,157	1/4	40,692	1/4	26,225	1/4	11,758	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,785	1/2	69,318	1/2	54,856	1/2	40,391	1/2	25,924	1/2	11,457	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,484	3/4	69,016	3/4	54,555	3/4	40,089	3/4	25,622	3/4	11,155	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	83,182	2	68,715	2	54,253	2	39,788	2	25,321	2	10,854	2	2	2	2	2	2	2	2
1/4	82,881	1/4	68,413	1/4	53,952	1/4	39,486	1/4	25,019	1/4	10,552	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,579	1/2	68,112	1/2	53,651	1/2	39,185	1/2	24,718	1/2	10,251	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,278	3/4	67,811	3/4	53,350	3/4	38,884	3/4	24,417	3/4	9,950	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	81,977	3	67,509	3	53,049	3	38,582	3	24,115	3	9,648	3	3	3	3	3	3	3	3
1/4	81,675	1/4	67,208	1/4	52,747	1/4	38,281	1/4	23,814	1/4	9,347	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,374	1/2	66,906	1/2	52,446	1/2	37,979	1/2	23,512	1/2	9,046	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,072	3/4	66,605	3/4	52,145	3/4	37,678	3/4	23,211	3/4	8,744	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	80,771	4	66,304	4	51,843	4	37,377	4	22,910	4	8,443	4	4	4	4	4	4	4	4
1/4	80,469	1/4	66,002	1/4	51,542	1/4	37,075	1/4	22,608	1/4	8,141	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,168	1/2	65,701	1/2	51,241	1/2	36,774	1/2	22,307	1/2	7,840	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,867	3/4	65,399	3/4	50,939	3/4	36,472	3/4	22,005	3/4	7,539	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	79,565	5	65,098	5	50,638	5	36,171	5	21,704	5	7,237	5	5	5	5	5	5	5	5
1/4	79,264	1/4	64,796	1/4	50,337	1/4	35,870	1/4	21,403	1/4	6,936	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,962	1/2	64,495	1/2	50,035	1/2	35,568	1/2	21,101	1/2	6,634	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,661	3/4	64,194	3/4	49,734	3/4	35,267	3/4	20,800	3/4	6,333	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	78,360	6	63,892	6	49,432	6	34,965	6	20,498	6	6,032	6	6	6	6	6	6	6	6
1/4	78,058	1/4	63,591	1/4	49,131	1/4	34,664	1/4	20,197	1/4	5,730	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,757	1/2	63,289	1/2	48,830	1/2	34,363	1/2	19,896	1/2	5,429	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,455	3/4	62,988	3/4	48,528	3/4	34,061	3/4	19,594	3/4	5,128	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	77,154	7	62,687	7	48,227	7	33,760	7	19,293	7	4,827	7	7	7	7	7	7	7	7
1/4	76,853	1/4	62,385	1/4	47,925	1/4	33,458	1/4	18,992	1/4	4,525	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,551	1/2	62,084	1/2	47,624	1/2	33,157	1/2	18,690	1/2	4,224	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,250	3/4	61,783	3/4	47,323	3/4	32,856	3/4	18,389	3/4	3,924	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	75,948	8	61,482	8	47,021	8	32,554	8	18,087	8	3,623	8	8	8	8	8	8	8	8
1/4	75,647	1/4	61,180	1/4	46,720	1/4	32,253	1/4	17,786	1/4	3,323	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,346	1/2	60,879	1/2	46,418	1/2	31,951	1/2	17,485	1/2	3,022	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,044	3/4	60,578	3/4	46,117	3/4	31,650	3/4	17,183	3/4	2,741	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	74,743	9	60,277	9	45,816	9	31,349	9	16,882	9	2,459	9	9	9	9	9	9	9	9
1/4	74,441	1/4	59,976	1/4	45,514	1/4	31,047	1/4	16,580	1/4	2,177	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,140	1/2	59,674	1/2	45,213	1/2	30,746	1/2	16,279	1/2	1,895	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,839	3/4	59,373	3/4	44,911	3/4	30,445	3/4	15,978	3/4	1,669	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	73,537	10	59,072	10	44,610	10	30,143	10	15,676	10	1,443	10	10	10	10	10	10	10	10
1/4	73,236	1/4	58,771	1/4	44,309	1/4	29,842	1/4	15,375	1/4	1,217	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,934	1/2	58,470	1/2	44,007	1/2	29,540	1/2	15,073	1/2	991	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,633	3/4	58,169	3/4	43,706	3/4	29,239	3/4	14,772	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	72,332	11	57,867	11	43,404	11	28,938	11	14,471	11		11	11	11	11	11	11	11	11
1/4	72,030	1/4	57,566	1/4	43,103	1/4	28,636	1/4	14,169	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,729	1/2	57,265	1/2	42,802	1/2	28,335	1/2	13,868	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,427	3/4	56,964	3/4	42,500	3/4	28,033	3/4	13,566	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: 01/30/2012 CL - SW  
CALCULATED: 01/30/2012 CL  
PRINTED: 01/30/2012 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 607"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN			
0		0		0	240,891	0	223,612	0	206,260	0	188,863	0	171,460	0	154,058	0	136,656	0	119,250		
1/4	1/4	1/4	1/4	1/4	240,534	1/4	223,250	1/4	205,899	1/4	188,500	1/4	171,098	1/4	153,695	1/4	136,293	1/4	118,888		
1/2	1/2	1/2	1/2	1/2	240,176	1/2	222,889	1/2	205,538	1/2	188,137	1/2	170,735	1/2	153,333	1/2	135,931	1/2	118,525		
3/4	3/4	3/4	3/4	3/4	239,818	3/4	222,527	3/4	205,176	3/4	187,775	3/4	170,373	3/4	152,970	3/4	135,568	3/4	118,162		
1		1		1	239,460	1	222,166	1	204,813	1	187,412	1	170,010	1	152,608	1	135,206	1	117,800		
1/4	1/4	1/4	1/4	1/4	239,102	1/4	221,804	1/4	204,451	1/4	187,050	1/4	169,648	1/4	152,245	1/4	134,843	1/4	117,437		
1/2	1/2	1/2	1/2	1/2	238,745	1/2	221,443	1/2	204,089	1/2	186,687	1/2	169,285	1/2	151,883	1/2	134,481	1/2	117,074		
3/4	3/4	3/4	3/4	3/4	238,386	3/4	221,081	3/4	203,727	3/4	186,325	3/4	168,922	3/4	151,520	3/4	134,118	3/4	116,711		
2		2		2	238,028	2	220,720	2	203,364	2	185,962	2	168,560	2	151,158	2	133,755	2	116,349		
1/4	1/4	1/4	1/4	1/4	237,670	1/4	220,358	1/4	203,002	1/4	185,600	1/4	168,197	1/4	150,795	1/4	133,393	1/4	115,986		
1/2	1/2	1/2	1/2	1/2	237,312	1/2	219,997	1/2	202,639	1/2	185,237	1/2	167,835	1/2	150,433	1/2	133,030	1/2	115,623		
3/4	3/4	3/4	3/4	3/4	236,954	3/4	219,635	3/4	202,277	3/4	184,874	3/4	167,472	3/4	150,070	3/4	132,668	3/4	115,261		
3		3		3	236,596	3	219,274	3	201,914	3	184,512	3	167,110	3	149,707	3	132,305	3	114,898		
1/4	1/4	1/4	1/4	1/4	236,238	1/4	218,912	1/4	201,552	1/4	184,149	1/4	166,747	1/4	149,345	1/4	131,943	1/4	114,535		
1/2	1/2	1/2	1/2	1/2	235,880	1/2	218,551	1/2	201,189	1/2	183,787	1/2	166,385	1/2	148,982	1/2	131,580	1/2	114,173		
3/4	3/4	3/4	3/4	3/4	235,523	3/4	218,189	3/4	200,827	3/4	183,424	3/4	166,022	3/4	148,620	3/4	131,218	3/4	113,810		
4		4		4	235,165	4	217,828	4	200,464	4	183,062	4	165,660	4	148,257	4	130,855	4	113,447		
1/4	1/4	1/4	1/4	1/4	234,807	1/4	217,466	1/4	200,101	1/4	182,699	1/4	165,297	1/4	147,895	1/4	130,492	1/4	113,084		
1/2	1/2	1/2	1/2	1/2	234,449	1/2	217,105	1/2	199,739	1/2	182,337	1/2	164,934	1/2	147,532	1/2	130,130	1/2	112,722		
3/4	3/4	3/4	3/4	3/4	234,089	3/4	216,743	3/4	199,376	3/4	181,974	3/4	164,572	3/4	147,170	3/4	129,767	3/4	112,359		
5		5		5	233,729	5	216,382	5	199,014	5	181,612	5	164,209	5	146,807	5	129,405	5	111,996		
1/4	1/4	1/4	1/4	1/4	233,370	1/4	216,020	1/4	198,651	1/4	181,249	1/4	163,847	1/4	146,445	1/4	129,042	1/4	111,634		
1/2	1/2	1/2	1/2	1/2	233,010	1/2	215,659	1/2	198,289	1/2	180,886	1/2	163,484	1/2	146,082	1/2	128,680	1/2	111,271		
3/4	3/4	3/4	3/4	3/4	232,649	3/4	215,298	3/4	197,926	3/4	180,524	3/4	163,122	3/4	145,719	3/4	128,317	3/4	110,908		
6		6		6	232,287	6	214,936	6	197,564	6	180,161	6	162,759	6	145,357	6	127,955	6	110,546		
1/4	1/4	1/4	1/4	1/4	231,926	1/4	214,575	1/4	197,201	1/4	179,799	1/4	162,397	1/4	144,994	1/4	127,592	1/4	110,183		
1/2	1/2	1/2	1/2	1/2	231,564	1/2	214,213	1/2	196,839	1/2	179,436	1/2	162,034	1/2	144,632	1/2	127,230	1/2	109,820		
3/4	3/4	3/4	3/4	3/4	231,203	3/4	213,852	3/4	196,476	3/4	179,074	3/4	161,672	3/4	144,269	3/4	126,867	3/4	109,457		
7		7		7	230,841	7	213,490	7	196,113	7	178,711	7	161,309	7	143,907	7	126,504	7	109,095		
1/4	1/4	1/4	1/4	1/4	230,480	1/4	213,129	1/4	195,751	1/4	178,349	1/4	160,946	1/4	143,544	1/4	126,142	1/4	108,732		
1/2	1/2	1/2	1/2	1/2	246,210	1/2	212,767	1/2	195,388	1/2	177,986	1/2	160,584	1/2	143,182	1/2	125,779	1/2	108,369		
3/4	3/4	3/4	3/4	3/4	246,003	3/4	229,757	3/4	212,406	3/4	195,026	3/4	177,624	3/4	160,221	3/4	142,819	3/4	108,007		
8		8		8	245,796	8	229,395	8	212,044	8	194,663	8	177,261	8	159,859	8	142,457	8	125,054	8	107,644
1/4	1/4	1/4	1/4	1/4	245,589	1/4	229,034	1/4	211,683	1/4	194,301	1/4	176,898	1/4	159,496	1/4	142,094	1/4	124,691	1/4	107,281
1/2	1/2	1/2	1/2	1/2	245,382	1/2	228,672	1/2	211,321	1/2	193,938	1/2	176,536	1/2	159,134	1/2	141,731	1/2	124,328	1/2	106,918
3/4	3/4	3/4	3/4	3/4	245,115	3/4	228,311	3/4	210,960	3/4	193,576	3/4	176,173	3/4	158,771	3/4	141,369	3/4	123,966	3/4	106,556
9		9		9	244,848	9	227,949	9	210,598	9	193,213	9	175,811	9	158,409	9	141,006	9	123,603	9	106,193
1/4	1/4	1/4	1/4	1/4	244,580	1/4	227,588	1/4	210,237	1/4	192,851	1/4	175,448	1/4	158,046	1/4	140,644	1/4	123,240	1/4	105,830
1/2	1/2	1/2	1/2	1/2	244,313	1/2	227,226	1/2	209,875	1/2	192,488	1/2	175,086	1/2	157,683	1/2	140,281	1/2	122,877	1/2	105,468
3/4	3/4	3/4	3/4	3/4	243,989	3/4	226,865	3/4	209,514	3/4	192,125	3/4	174,723	3/4	157,321	3/4	139,919	3/4	122,515	3/4	105,105
10		10		10	243,666	10	226,503	10	209,152	10	191,763	10	174,361	10	156,958	10	139,556	10	122,152	10	104,742
1/4	1/4	1/4	1/4	1/4	243,342	1/4	226,142	1/4	208,791	1/4	191,400	1/4	173,998	1/4	156,596	1/4	139,194	1/4	121,789	1/4	104,380
1/2	1/2	1/2	1/2	1/2	243,019	1/2	225,780	1/2	208,429	1/2	191,038	1/2	173,636	1/2	156,233	1/2	138,831	1/2	121,427	1/2	104,017
3/4	3/4	3/4	3/4	3/4	242,666	3/4	225,419	3/4	208,068	3/4	190,675	3/4	173,273	3/4	155,871	3/4	138,469	3/4	121,064	3/4	103,654
11		11		11	242,313	11	225,058	11	207,706	11	190,313	11	172,910	11	155,508	11	138,106	11	120,701	11	103,291
1/4	1/4	1/4	1/4	1/4	241,959	1/4	224,696	1/4	207,345	1/4	189,950	1/4	172,548	1/4	155,146	1/4	137,743	1/4	120,339	1/4	102,929
1/2	1/2	1/2	1/2	1/2	241,606	1/2	224,335	1/2	206,983	1/2	189,588	1/2	172,185	1/2	154,783	1/2	137,381	1/2	119,976	1/2	102,566
3/4	3/4	3/4	3/4	3/4	241,249	3/4	223,973	3/4	206,622	3/4	189,225	3/4	171,823	3/4	154,421	3/4	137,018	3/4	119,613	3/4	102,203

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 ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.  
 GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 50'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
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# BARGE "HFL 607"

## 2 PORT ULLAGE 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	101,841	0	84,431	0	67,304	0	50,479	0	33,368	0	15,960	0		0		0		0	
1/4	101,478	1/4	84,068	1/4	66,953	1/4	50,129	1/4	33,006	1/4	15,598	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	101,115	1/2	83,705	1/2	66,602	1/2	49,779	1/2	32,643	1/2	15,235	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	100,752	3/4	83,343	3/4	66,251	3/4	49,429	3/4	32,281	3/4	14,872	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	100,390	1	82,980	1	65,900	1	49,079	1	31,918	1	14,510	1	1	1	1	1	1	1	1
1/4	100,027	1/4	82,617	1/4	65,549	1/4	48,729	1/4	31,556	1/4	14,147	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	99,664	1/2	82,255	1/2	65,198	1/2	48,379	1/2	31,193	1/2	13,784	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	99,302	3/4	81,892	3/4	64,847	3/4	48,029	3/4	30,831	3/4	13,422	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	98,939	2	81,529	2	64,496	2	47,680	2	30,468	2	13,059	2	2	2	2	2	2	2	2
1/4	98,576	1/4	81,166	1/4	64,145	1/4	47,330	1/4	30,105	1/4	12,696	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	98,214	1/2	80,804	1/2	63,794	1/2	46,980	1/2	29,743	1/2	12,334	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	97,851	3/4	80,441	3/4	63,443	3/4	46,630	3/4	29,380	3/4	11,971	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	97,488	3	80,078	3	63,092	3	46,280	3	29,017	3	11,608	3	3	3	3	3	3	3	3
1/4	97,125	1/4	79,716	1/4	62,741	1/4	45,930	1/4	28,655	1/4	11,245	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	96,763	1/2	79,353	1/2	62,390	1/2	45,580	1/2	28,292	1/2	10,883	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	96,400	3/4	78,990	3/4	62,040	3/4	45,229	3/4	27,929	3/4	10,520	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	96,037	4	78,628	4	61,689	4	44,879	4	27,567	4	10,157	4	4	4	4	4	4	4	4
1/4	95,675	1/4	78,265	1/4	61,338	1/4	44,528	1/4	27,204	1/4	9,795	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	95,312	1/2	77,902	1/2	60,987	1/2	44,178	1/2	26,841	1/2	9,432	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	94,949	3/4	77,539	3/4	60,636	3/4	43,827	3/4	26,479	3/4	9,069	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	94,587	5	77,177	5	60,285	5	43,476	5	26,116	5	8,707	5	5	5	5	5	5	5	5
1/4	94,224	1/4	76,814	1/4	59,934	1/4	43,125	1/4	25,753	1/4	8,344	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	93,861	1/2	76,451	1/2	59,583	1/2	42,774	1/2	25,391	1/2	7,981	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	93,498	3/4	76,094	3/4	59,232	3/4	42,417	3/4	25,028	3/4	7,619	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	93,136	6	75,738	6	58,882	6	42,060	6	24,665	6	7,256	6	6	6	6	6	6	6	6
1/4	92,773	1/4	75,381	1/4	58,531	1/4	41,704	1/4	24,302	1/4	6,893	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	92,410	1/2	75,024	1/2	58,181	1/2	41,347	1/2	23,940	1/2	6,531	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	92,048	3/4	74,673	3/4	57,830	3/4	40,984	3/4	23,577	3/4	6,168	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	91,685	7	74,322	7	57,480	7	40,621	7	23,214	7	5,806	7	7	7	7	7	7	7	7
1/4	91,322	1/4	73,971	1/4	57,130	1/4	40,259	1/4	22,852	1/4	5,443	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	90,959	1/2	73,620	1/2	56,780	1/2	39,896	1/2	22,489	1/2	5,081	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	90,597	3/4	73,269	3/4	56,430	3/4	39,533	3/4	22,126	3/4	4,719	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	90,234	8	72,918	8	56,080	8	39,171	8	21,764	8	4,358	8	8	8	8	8	8	8	8
1/4	89,871	1/4	72,568	1/4	55,729	1/4	38,808	1/4	21,401	1/4	3,996	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	89,509	1/2	72,217	1/2	55,379	1/2	38,445	1/2	21,038	1/2	3,635	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	89,146	3/4	71,866	3/4	55,029	3/4	38,083	3/4	20,675	3/4	3,296	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	88,783	9	71,515	9	54,679	9	37,720	9	20,313	9	2,956	9	9	9	9	9	9	9	9
1/4	88,421	1/4	71,164	1/4	54,329	1/4	37,357	1/4	19,950	1/4	2,617	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	88,058	1/2	70,813	1/2	53,979	1/2	36,994	1/2	19,587	1/2	2,278	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	87,695	3/4	70,462	3/4	53,629	3/4	36,632	3/4	19,225	3/4	2,006	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	87,332	10	70,111	10	53,279	10	36,269	10	18,862	10	1,734	10	10	10	10	10	10	10	10
1/4	86,970	1/4	69,760	1/4	52,929	1/4	35,906	1/4	18,499	1/4	1,462	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,607	1/2	69,409	1/2	52,579	1/2	35,544	1/2	18,137	1/2	1,190	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	86,244	3/4	69,058	3/4	52,229	3/4	35,181	3/4	17,774	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	85,882	11	68,707	11	51,879	11	34,818	11	17,411	11		11	11	11	11	11	11	11	11
1/4	85,519	1/4	68,356	1/4	51,529	1/4	34,456	1/4	17,049	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,156	1/2	68,005	1/2	51,179	1/2	34,093	1/2	16,686	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,794	3/4	67,654	3/4	50,829	3/4	33,731	3/4	16,323	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: 01/30/2012 CL - SW  
CALCULATED: 01/30/2012 CL  
PRINTED: 01/30/2012 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2012

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# BARGE "HFL 607"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 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		0		0	242,355	0	225,081	0	207,732	0	190,337	0	172,936	0	155,536	0	138,135	0	120,732
1/4		1/4		1/4	241,997	1/4	224,720	1/4	207,370	1/4	189,974	1/4	172,574	1/4	155,173	1/4	137,773	1/4	120,369
1/2		1/2		1/2	241,640	1/2	224,358	1/2	207,009	1/2	189,612	1/2	172,211	1/2	154,811	1/2	137,410	1/2	120,007
3/4		3/4		3/4	241,283	3/4	223,997	3/4	206,647	3/4	189,249	3/4	171,849	3/4	154,448	3/4	137,048	3/4	119,644
1		1		1	240,925	1	223,635	1	206,285	1	188,887	1	171,486	1	154,086	1	136,685	1	119,281
1/4		1/4		1/4	240,567	1/4	223,274	1/4	205,923	1/4	188,524	1/4	171,124	1/4	153,723	1/4	136,323	1/4	118,919
1/2		1/2		1/2	240,209	1/2	222,912	1/2	205,562	1/2	188,162	1/2	170,761	1/2	153,361	1/2	135,960	1/2	118,556
3/4		3/4		3/4	239,851	3/4	222,551	3/4	205,200	3/4	187,799	3/4	170,399	3/4	152,998	3/4	135,598	3/4	118,193
2		2		2	239,493	2	222,190	2	204,837	2	187,437	2	170,036	2	152,636	2	135,235	2	117,831
1/4		1/4		1/4	239,135	1/4	221,828	1/4	204,475	1/4	187,074	1/4	169,674	1/4	152,273	1/4	134,873	1/4	117,468
1/2		1/2		1/2	238,777	1/2	221,467	1/2	204,112	1/2	186,712	1/2	169,311	1/2	151,911	1/2	134,510	1/2	117,105
3/4		3/4		3/4	238,419	3/4	221,105	3/4	203,750	3/4	186,349	3/4	168,949	3/4	151,548	3/4	134,148	3/4	116,743
3		3		3	238,061	3	220,744	3	203,387	3	185,987	3	168,586	3	151,186	3	133,785	3	116,380
1/4		1/4		1/4	237,703	1/4	220,382	1/4	203,024	1/4	185,624	1/4	168,224	1/4	150,823	1/4	133,423	1/4	116,017
1/2		1/2		1/2	237,345	1/2	220,021	1/2	202,662	1/2	185,262	1/2	167,861	1/2	150,461	1/2	133,060	1/2	115,655
3/4		3/4		3/4	236,987	3/4	219,659	3/4	202,299	3/4	184,899	3/4	167,499	3/4	150,098	3/4	132,698	3/4	115,292
4		4		4	236,629	4	219,298	4	201,937	4	184,537	4	167,136	4	149,736	4	132,335	4	114,929
1/4		1/4		1/4	236,271	1/4	218,937	1/4	201,574	1/4	184,174	1/4	166,774	1/4	149,373	1/4	131,973	1/4	114,567
1/2		1/2		1/2	235,914	1/2	218,575	1/2	201,212	1/2	183,812	1/2	166,411	1/2	149,011	1/2	131,610	1/2	114,204
3/4		3/4		3/4	235,556	3/4	218,214	3/4	200,849	3/4	183,449	3/4	166,049	3/4	148,648	3/4	131,248	3/4	113,841
5		5		5	235,196	5	217,852	5	200,487	5	183,087	5	165,686	5	148,286	5	130,885	5	113,479
1/4		1/4		1/4	234,836	1/4	217,491	1/4	200,124	1/4	182,724	1/4	165,324	1/4	147,923	1/4	130,523	1/4	113,116
1/2		1/2		1/2	234,477	1/2	217,129	1/2	199,762	1/2	182,362	1/2	164,961	1/2	147,561	1/2	130,160	1/2	112,753
3/4		3/4		3/4	234,117	3/4	216,768	3/4	199,399	3/4	181,999	3/4	164,599	3/4	147,198	3/4	129,798	3/4	112,391
6		6		6	233,756	6	216,406	6	199,037	6	181,636	6	164,236	6	146,836	6	129,435	6	112,028
1/4		1/4		1/4	233,394	1/4	216,045	1/4	198,674	1/4	181,274	1/4	163,874	1/4	146,473	1/4	129,073	1/4	111,665
1/2		1/2		1/2	233,033	1/2	215,684	1/2	198,312	1/2	180,911	1/2	163,511	1/2	146,111	1/2	128,710	1/2	111,303
3/4		3/4		3/4	232,671	3/4	215,322	3/4	197,949	3/4	180,549	3/4	163,149	3/4	145,748	3/4	128,348	3/4	110,940
7		7		7	232,310	7	214,961	7	197,587	7	180,186	7	162,786	7	145,386	7	127,985	7	110,577
1/4		1/4		1/4	231,948	1/4	214,599	1/4	197,224	1/4	179,824	1/4	162,424	1/4	145,023	1/4	127,623	1/4	110,215
1/2		1/2		1/2	231,587	1/2	214,238	1/2	196,862	1/2	179,461	1/2	162,061	1/2	144,661	1/2	127,260	1/2	109,852
3/4		3/4		3/4	247,316	3/4	231,226	3/4	213,876	3/4	196,499	3/4	179,099	3/4	144,298	3/4	126,897	3/4	109,489
8		8		8	247,109	8	230,864	8	213,515	8	196,137	8	178,736	8	143,936	8	126,535	8	109,127
1/4		1/4		1/4	246,902	1/4	230,503	1/4	213,153	1/4	195,774	1/4	178,374	1/4	143,573	1/4	126,172	1/4	108,764
1/2		1/2		1/2	246,695	1/2	230,141	1/2	212,792	1/2	195,412	1/2	178,011	1/2	143,211	1/2	125,809	1/2	108,401
3/4		3/4		3/4	246,488	3/4	229,780	3/4	212,431	3/4	195,049	3/4	177,649	3/4	142,848	3/4	125,447	3/4	108,039
9		9		9	246,221	9	229,418	9	212,069	9	194,687	9	177,286	9	142,486	9	125,084	9	107,676
1/4		1/4		1/4	245,953	1/4	229,057	1/4	211,708	1/4	194,324	1/4	176,924	1/4	142,123	1/4	124,721	1/4	107,313
1/2		1/2		1/2	245,686	1/2	228,695	1/2	211,346	1/2	193,962	1/2	176,561	1/2	141,761	1/2	124,359	1/2	106,951
3/4		3/4		3/4	245,419	3/4	228,334	3/4	210,985	3/4	193,599	3/4	176,199	3/4	141,398	3/4	123,996	3/4	106,588
10		10		10	245,095	10	227,973	10	210,623	10	193,237	10	175,836	10	141,036	10	123,633	10	106,225
1/4		1/4		1/4	244,772	1/4	227,611	1/4	210,262	1/4	192,874	1/4	175,474	1/4	140,673	1/4	123,271	1/4	105,863
1/2		1/2		1/2	244,448	1/2	227,250	1/2	209,900	1/2	192,512	1/2	175,111	1/2	140,311	1/2	122,908	1/2	105,500
3/4		3/4		3/4	244,125	3/4	226,888	3/4	209,539	3/4	192,149	3/4	174,749	3/4	139,948	3/4	122,545	3/4	105,137
11		11		11	243,772	11	226,527	11	209,178	11	191,787	11	174,386	11	139,585	11	122,183	11	104,775
1/4		1/4		1/4	243,419	1/4	226,165	1/4	208,816	1/4	191,424	1/4	174,024	1/4	139,223	1/4	121,820	1/4	104,412
1/2		1/2		1/2	243,066	1/2	225,804	1/2	208,455	1/2	191,062	1/2	173,661	1/2	138,860	1/2	121,457	1/2	104,049
3/4		3/4		3/4	242,712	3/4	225,443	3/4	208,093	3/4	190,699	3/4	173,299	3/4	138,498	3/4	121,095	3/4	103,687

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 ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.  
 GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 50'-00" FORWARD OF AFT BULKHEAD.

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





# BARGE "HFL 607"

## 2 STBD ULLAGE 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	103,324	0	85,916	0	68,508	0	51,120	0	33,728	0	16,322	0		0		0		0	
1/4	102,961	1/4	85,553	1/4	68,145	1/4	50,758	1/4	33,366	1/4	15,959	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	102,599	1/2	85,191	1/2	67,783	1/2	50,396	1/2	33,003	1/2	15,597	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	102,236	3/4	84,828	3/4	67,420	3/4	50,035	3/4	32,641	3/4	15,234	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	101,873	1	84,465	1	67,057	1	49,673	1	32,278	1	14,871	1	1	1	1	1	1	1	1
1/4	101,511	1/4	84,103	1/4	66,695	1/4	49,311	1/4	31,916	1/4	14,509	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	101,148	1/2	83,740	1/2	66,332	1/2	48,949	1/2	31,553	1/2	14,146	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	100,785	3/4	83,377	3/4	65,969	3/4	48,588	3/4	31,191	3/4	13,783	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	100,423	2	83,015	2	65,607	2	48,226	2	30,828	2	13,421	2	2	2	2	2	2	2	2
1/4	100,060	1/4	82,652	1/4	65,244	1/4	47,864	1/4	30,466	1/4	13,058	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	99,697	1/2	82,289	1/2	64,881	1/2	47,502	1/2	30,103	1/2	12,695	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	99,335	3/4	81,927	3/4	64,519	3/4	47,141	3/4	29,741	3/4	12,333	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	98,972	3	81,564	3	64,156	3	46,779	3	29,378	3	11,970	3	3	3	3	3	3	3	3
1/4	98,609	1/4	81,201	1/4	63,793	1/4	46,417	1/4	29,015	1/4	11,607	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	98,247	1/2	80,839	1/2	63,431	1/2	46,055	1/2	28,653	1/2	11,245	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	97,884	3/4	80,476	3/4	63,068	3/4	45,694	3/4	28,290	3/4	10,882	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	97,521	4	80,113	4	62,705	4	45,332	4	27,927	4	10,519	4	4	4	4	4	4	4	4
1/4	97,159	1/4	79,751	1/4	62,343	1/4	44,969	1/4	27,565	1/4	10,157	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	96,796	1/2	79,388	1/2	61,980	1/2	44,607	1/2	27,202	1/2	9,794	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	96,433	3/4	79,025	3/4	61,617	3/4	44,245	3/4	26,839	3/4	9,431	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	96,071	5	78,663	5	61,255	5	43,882	5	26,477	5	9,069	5	5	5	5	5	5	5	5
1/4	95,708	1/4	78,300	1/4	60,892	1/4	43,520	1/4	26,114	1/4	8,706	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	95,345	1/2	77,937	1/2	60,529	1/2	43,157	1/2	25,751	1/2	8,343	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	94,983	3/4	77,575	3/4	60,167	3/4	42,794	3/4	25,389	3/4	7,981	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	94,620	6	77,212	6	59,804	6	42,432	6	25,026	6	7,618	6	6	6	6	6	6	6	6
1/4	94,257	1/4	76,849	1/4	59,442	1/4	42,069	1/4	24,663	1/4	7,255	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	93,895	1/2	76,487	1/2	59,080	1/2	41,706	1/2	24,301	1/2	6,893	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	93,532	3/4	76,124	3/4	58,718	3/4	41,344	3/4	23,938	3/4	6,530	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	93,169	7	75,761	7	58,356	7	40,981	7	23,575	7	6,168	7	7	7	7	7	7	7	7
1/4	92,807	1/4	75,399	1/4	57,994	1/4	40,618	1/4	23,213	1/4	5,805	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	92,444	1/2	75,036	1/2	57,632	1/2	40,256	1/2	22,850	1/2	5,443	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	92,081	3/4	74,673	3/4	57,270	3/4	39,893	3/4	22,487	3/4	5,081	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	91,719	8	74,311	8	56,908	8	39,530	8	22,125	8	4,719	8	8	8	8	8	8	8	8
1/4	91,356	1/4	73,948	1/4	56,546	1/4	39,168	1/4	21,762	1/4	4,358	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	90,993	1/2	73,585	1/2	56,184	1/2	38,805	1/2	21,399	1/2	3,996	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	90,631	3/4	73,223	3/4	55,822	3/4	38,442	3/4	21,037	3/4	3,635	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	90,268	9	72,860	9	55,461	9	38,080	9	20,674	9	3,295	9	9	9	9	9	9	9	9
1/4	89,905	1/4	72,497	1/4	55,099	1/4	37,717	1/4	20,311	1/4	2,956	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	89,543	1/2	72,135	1/2	54,737	1/2	37,354	1/2	19,949	1/2	2,617	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	89,180	3/4	71,772	3/4	54,375	3/4	36,992	3/4	19,586	3/4	2,278	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	88,817	10	71,409	10	54,014	10	36,629	10	19,223	10	2,006	10	10	10	10	10	10	10	10
1/4	88,455	1/4	71,047	1/4	53,652	1/4	36,266	1/4	18,861	1/4	1,734	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	88,092	1/2	70,684	1/2	53,290	1/2	35,904	1/2	18,498	1/2	1,462	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	87,729	3/4	70,321	3/4	52,928	3/4	35,541	3/4	18,135	3/4	1,190	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	87,367	11	69,959	11	52,567	11	35,178	11	17,773	11		11	11	11	11	11	11	11	11
1/4	87,004	1/4	69,596	1/4	52,205	1/4	34,816	1/4	17,410	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,641	1/2	69,233	1/2	51,843	1/2	34,453	1/2	17,047	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	86,279	3/4	68,871	3/4	51,481	3/4	34,091	3/4	16,685	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: 01/30/2012 CL - SW  
CALCULATED: 01/30/2012 CL  
PRINTED: 01/30/2012 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 607"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN			
0		0		0	221,522	0	208,861	0	196,200	0	183,507	0	170,703	0	154,017	0	136,719	0	119,416		
1/4	1/4	1/4	1/4	1/4	221,259	1/4	208,598	1/4	195,937	1/4	183,242	1/4	170,408	1/4	153,656	1/4	136,359	1/4	119,055		
1/2	1/2	1/2	1/2	1/2	220,995	1/2	208,334	1/2	195,673	1/2	182,978	1/2	170,112	1/2	153,296	1/2	135,998	1/2	118,694		
3/4	3/4	3/4	3/4	3/4	220,732	3/4	208,070	3/4	195,409	3/4	182,713	3/4	169,816	3/4	152,936	3/4	135,638	3/4	118,334		
1		1		1	220,468	1	207,806	1	195,145	1	182,448	1	169,505	1	152,575	1	135,278	1	117,973		
1/4	1/4	1/4	1/4	1/4	220,204	1/4	207,543	1/4	194,881	1/4	182,184	1/4	169,193	1/4	152,215	1/4	134,917	1/4	117,612		
1/2	1/2	1/2	1/2	1/2	219,941	1/2	207,279	1/2	194,617	1/2	181,919	1/2	168,882	1/2	151,854	1/2	134,557	1/2	117,251		
3/4	3/4	3/4	3/4	3/4	219,677	3/4	207,015	3/4	194,352	3/4	181,655	3/4	168,570	3/4	151,494	3/4	134,196	3/4	116,890		
2		2		2	219,413	2	206,751	2	194,088	2	181,390	2	168,243	2	151,134	2	133,836	2	116,530		
1/4	1/4	1/4	1/4	1/4	219,149	1/4	206,488	1/4	193,823	1/4	181,126	1/4	167,916	1/4	150,773	1/4	133,476	1/4	116,169		
1/2	1/2	1/2	1/2	1/2	218,885	1/2	206,224	1/2	193,559	1/2	180,861	1/2	167,589	1/2	150,413	1/2	133,115	1/2	115,808		
3/4	3/4	3/4	3/4	3/4	218,621	3/4	205,960	3/4	193,294	3/4	180,597	3/4	167,262	3/4	150,053	3/4	132,755	3/4	115,447		
3		3		3	218,357	3	205,696	3	193,030	3	180,332	3	166,918	3	149,692	3	132,395	3	115,086		
1/4	1/4	1/4	1/4	1/4	218,094	1/4	205,432	1/4	192,765	1/4	180,068	1/4	166,575	1/4	149,332	1/4	132,034	1/4	114,726		
1/2	1/2	1/2	1/2	1/2	217,830	1/2	205,169	1/2	192,501	1/2	179,803	1/2	166,232	1/2	148,972	1/2	131,674	1/2	114,365		
3/4	3/4	3/4	3/4	3/4	217,566	3/4	204,905	3/4	192,236	3/4	179,539	3/4	165,888	3/4	148,611	3/4	131,314	3/4	114,004		
4		4		4	217,302	4	204,641	4	191,972	4	179,274	4	165,533	4	148,251	4	130,953	4	113,643		
1/4	1/4	1/4	1/4	1/4	217,038	1/4	204,377	1/4	191,707	1/4	179,010	1/4	165,177	1/4	147,890	1/4	130,593	1/4	113,283		
1/2	1/2	1/2	1/2	1/2	216,775	1/2	204,114	1/2	191,443	1/2	178,745	1/2	164,822	1/2	147,530	1/2	130,232	1/2	112,922		
3/4	3/4	3/4	3/4	3/4	216,511	3/4	203,850	3/4	191,178	3/4	178,480	3/4	164,466	3/4	147,170	3/4	129,872	3/4	112,561		
5		5		5	216,247	5	203,586	5	190,914	5	178,216	5	164,106	5	146,809	5	129,512	5	112,201		
1/4	1/4	1/4	1/4	1/4	215,983	1/4	203,322	1/4	190,649	1/4	177,951	1/4	163,746	1/4	146,449	1/4	129,151	1/4	111,840		
1/2	1/2	1/2	1/2	1/2	215,720	1/2	203,058	1/2	190,384	1/2	177,687	1/2	163,386	1/2	146,089	1/2	128,791	1/2	111,480		
3/4	3/4	3/4	3/4	3/4	215,456	3/4	202,795	3/4	190,120	3/4	177,422	3/4	163,026	3/4	145,728	3/4	128,431	3/4	111,119		
6		6		6	215,192	6	202,531	6	189,855	6	177,158	6	162,665	6	145,368	6	128,070	6	110,759		
1/4	1/4	1/4	1/4	1/4	214,928	1/4	202,267	1/4	189,591	1/4	176,893	1/4	162,305	1/4	145,007	1/4	127,710	1/4	110,398		
1/2	1/2	1/2	1/2	1/2	214,664	1/2	202,003	1/2	189,326	1/2	176,629	1/2	161,945	1/2	144,647	1/2	127,349	1/2	110,038		
3/4	3/4	3/4	3/4	3/4	214,401	3/4	201,740	3/4	189,062	3/4	176,364	3/4	161,584	3/4	144,287	3/4	126,989	3/4	109,677		
7		7		7	214,137	7	201,476	7	188,797	7	176,100	7	161,224	7	143,926	7	126,629	7	109,317		
1/4	1/4	1/4	1/4	1/4	213,873	1/4	201,212	1/4	188,533	1/4	175,835	1/4	160,864	1/4	143,566	1/4	126,268	1/4	108,956		
1/2	1/2	1/2	1/2	1/2	213,609	1/2	200,948	1/2	188,268	1/2	175,571	1/2	160,503	1/2	143,206	1/2	125,908	1/2	108,596		
3/4	3/4	3/4	3/4	3/4	225,150	3/4	200,685	3/4	188,004	3/4	175,306	3/4	160,143	3/4	142,845	3/4	125,547	3/4	108,235		
8		8		8	224,999	8	213,082	8	200,421	8	187,739	8	175,042	8	159,783	8	142,485	8	125,187	8	107,875
1/4	1/4	1/4	1/4	1/4	224,848	1/4	212,818	1/4	200,157	1/4	187,475	1/4	174,777	1/4	159,422	1/4	142,125	1/4	124,826	1/4	107,514
1/2	1/2	1/2	1/2	1/2	224,697	1/2	212,554	1/2	199,893	1/2	187,210	1/2	174,513	1/2	159,062	1/2	141,764	1/2	124,466	1/2	107,153
3/4	3/4	3/4	3/4	3/4	224,546	3/4	212,291	3/4	199,629	3/4	186,946	3/4	174,248	3/4	158,701	3/4	141,404	3/4	124,105	3/4	106,793
9		9		9	224,351	9	212,027	9	199,366	9	186,681	9	173,983	9	158,341	9	141,043	9	123,745	9	106,432
1/4	1/4	1/4	1/4	1/4	224,156	1/4	211,763	1/4	199,102	1/4	186,416	1/4	173,719	1/4	157,981	1/4	140,683	1/4	123,384	1/4	106,072
1/2	1/2	1/2	1/2	1/2	223,961	1/2	211,499	1/2	198,838	1/2	186,152	1/2	173,454	1/2	157,620	1/2	140,323	1/2	123,024	1/2	105,711
3/4	3/4	3/4	3/4	3/4	223,766	3/4	211,235	3/4	198,574	3/4	185,887	3/4	173,190	3/4	157,260	3/4	139,962	3/4	122,663	3/4	105,351
10		10		10	223,530	10	210,972	10	198,311	10	185,623	10	172,922	10	156,900	10	139,602	10	122,302	10	104,990
1/4	1/4	1/4	1/4	1/4	223,294	1/4	210,708	1/4	198,047	1/4	185,358	1/4	172,654	1/4	156,539	1/4	139,242	1/4	121,941	1/4	104,630
1/2	1/2	1/2	1/2	1/2	223,058	1/2	210,444	1/2	197,783	1/2	185,094	1/2	172,386	1/2	156,179	1/2	138,881	1/2	121,581	1/2	104,269
3/4	3/4	3/4	3/4	3/4	222,822	3/4	210,180	3/4	197,519	3/4	184,829	3/4	172,118	3/4	155,819	3/4	138,521	3/4	121,220	3/4	103,909
11		11		11	222,563	11	209,917	11	197,255	11	184,565	11	171,838	11	155,458	11	138,161	11	120,859	11	103,548
1/4	1/4	1/4	1/4	1/4	222,304	1/4	209,653	1/4	196,992	1/4	184,300	1/4	171,558	1/4	155,098	1/4	137,800	1/4	120,498	1/4	103,188
1/2	1/2	1/2	1/2	1/2	222,045	1/2	209,389	1/2	196,728	1/2	184,036	1/2	171,279	1/2	154,737	1/2	137,440	1/2	120,137	1/2	102,827
3/4	3/4	3/4	3/4	3/4	221,786	3/4	209,125	3/4	196,464	3/4	183,771	3/4	170,999	3/4	154,377	3/4	137,079	3/4	119,777	3/4	102,467

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

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



# BARGE "HFL 607"

## 3 PORT ULLAGE 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	102,106	0	84,815	0	67,583	0	50,716	0	33,580	0	16,258	0		0		0		0	
1/4	101,745	1/4	84,456	1/4	67,229	1/4	50,362	1/4	33,219	1/4	15,897	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	101,384	1/2	84,097	1/2	66,874	1/2	50,008	1/2	32,858	1/2	15,536	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	101,024	3/4	83,738	3/4	66,520	3/4	49,655	3/4	32,498	3/4	15,175	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	100,663	1	83,380	1	66,168	1	49,301	1	32,137	1	14,814	1	1	1	1	1	1	1	1
1/4	100,302	1/4	83,021	1/4	65,815	1/4	48,948	1/4	31,776	1/4	14,453	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	99,941	1/2	82,662	1/2	65,462	1/2	48,594	1/2	31,415	1/2	14,092	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	99,580	3/4	82,303	3/4	65,110	3/4	48,241	3/4	31,055	3/4	13,731	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	99,220	2	81,944	2	64,759	2	47,887	2	30,694	2	13,370	2	2	2	2	2	2	2	2
1/4	98,859	1/4	81,585	1/4	64,408	1/4	47,533	1/4	30,333	1/4	13,009	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	98,498	1/2	81,226	1/2	64,057	1/2	47,180	1/2	29,972	1/2	12,648	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	98,137	3/4	80,867	3/4	63,705	3/4	46,826	3/4	29,611	3/4	12,287	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	97,776	3	80,509	3	63,354	3	46,473	3	29,250	3	11,925	3	3	3	3	3	3	3	3
1/4	97,415	1/4	80,150	1/4	63,003	1/4	46,119	1/4	28,890	1/4	11,564	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	97,054	1/2	79,791	1/2	62,652	1/2	45,766	1/2	28,529	1/2	11,202	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	96,694	3/4	79,432	3/4	62,301	3/4	45,412	3/4	28,168	3/4	10,841	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	96,333	4	79,073	4	61,950	4	45,058	4	27,807	4	10,480	4	4	4	4	4	4	4	4
1/4	95,972	1/4	78,714	1/4	61,599	1/4	44,705	1/4	27,446	1/4	10,118	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	95,611	1/2	78,355	1/2	61,248	1/2	44,351	1/2	27,085	1/2	9,757	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	95,250	3/4	77,996	3/4	60,897	3/4	43,998	3/4	26,724	3/4	9,396	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	94,889	5	77,637	5	60,546	5	43,644	5	26,363	5	9,035	5	5	5	5	5	5	5	5
1/4	94,529	1/4	77,279	1/4	60,195	1/4	43,290	1/4	26,002	1/4	8,674	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	94,168	1/2	76,920	1/2	59,844	1/2	42,937	1/2	25,641	1/2	8,312	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	93,807	3/4	76,561	3/4	59,493	3/4	42,583	3/4	25,280	3/4	7,951	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	93,446	6	76,202	6	59,142	6	42,227	6	24,919	6	7,590	6	6	6	6	6	6	6	6
1/4	93,085	1/4	75,843	1/4	58,791	1/4	41,870	1/4	24,559	1/4	7,229	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	92,724	1/2	75,484	1/2	58,440	1/2	41,513	1/2	24,198	1/2	6,868	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	92,363	3/4	75,125	3/4	58,089	3/4	41,156	3/4	23,837	3/4	6,507	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	92,003	7	74,766	7	57,738	7	40,796	7	23,476	7	6,146	7	7	7	7	7	7	7	7
1/4	91,642	1/4	74,408	1/4	57,387	1/4	40,436	1/4	23,115	1/4	5,785	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	91,281	1/2	74,049	1/2	57,036	1/2	40,075	1/2	22,754	1/2	5,424	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	90,920	3/4	73,690	3/4	56,685	3/4	39,715	3/4	22,393	3/4	5,063	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	90,560	8	73,330	8	56,334	8	39,354	8	22,032	8	4,703	8	8	8	8	8	8	8	8
1/4	90,200	1/4	72,970	1/4	55,983	1/4	38,993	1/4	21,671	1/4	4,342	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	89,840	1/2	72,611	1/2	55,632	1/2	38,632	1/2	21,310	1/2	3,982	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	89,481	3/4	72,251	3/4	55,280	3/4	38,271	3/4	20,949	3/4	3,622	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	89,122	9	71,890	9	54,930	9	37,910	9	20,589	9	3,284	9	9	9	9	9	9	9	9
1/4	88,763	1/4	71,530	1/4	54,579	1/4	37,549	1/4	20,228	1/4	2,946	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	88,404	1/2	71,169	1/2	54,229	1/2	37,188	1/2	19,867	1/2	2,608	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	88,045	3/4	70,809	3/4	53,878	3/4	36,828	3/4	19,506	3/4	2,270	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	87,686	10	70,448	10	53,528	10	36,467	10	19,145	10	1,999	10	10	10	10	10	10	10	10
1/4	87,327	1/4	70,088	1/4	53,177	1/4	36,106	1/4	18,784	1/4	1,728	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,968	1/2	69,727	1/2	52,827	1/2	35,745	1/2	18,423	1/2	1,457	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	86,610	3/4	69,367	3/4	52,477	3/4	35,384	3/4	18,062	3/4	1,186	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	86,251	11	69,009	11	52,125	11	35,023	11	17,701	11		11	11	11	11	11	11	11	11
1/4	85,892	1/4	68,652	1/4	51,773	1/4	34,662	1/4	17,340	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,533	1/2	68,294	1/2	51,421	1/2	34,301	1/2	16,979	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,174	3/4	67,937	3/4	51,069	3/4	33,941	3/4	16,619	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: 01/30/2012 CL - SW  
CALCULATED: 01/30/2012 CL  
PRINTED: 01/30/2012 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2012

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "HFL 607"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	222,531	0	209,870	0	197,208	0	184,514	0	171,710	0	154,996	0	137,668	0	120,334
1/4	1/4	1/4	1/4	1/4	222,268	1/4	209,606	1/4	196,944	1/4	184,249	1/4	171,414	1/4	154,635	1/4	137,307	1/4	119,973
1/2	1/2	1/2	1/2	1/2	222,004	1/2	209,342	1/2	196,681	1/2	183,985	1/2	171,118	1/2	154,274	1/2	136,946	1/2	119,611
3/4	3/4	3/4	3/4	3/4	221,741	3/4	209,078	3/4	196,417	3/4	183,720	3/4	170,822	3/4	153,913	3/4	136,585	3/4	119,250
1		1		1	221,477	1	208,815	1	196,153	1	183,456	1	170,510	1	153,552	1	136,224	1	118,889
1/4	1/4	1/4	1/4	1/4	221,213	1/4	208,551	1/4	195,889	1/4	183,191	1/4	170,199	1/4	153,191	1/4	135,863	1/4	118,527
1/2	1/2	1/2	1/2	1/2	220,949	1/2	208,287	1/2	195,624	1/2	182,927	1/2	169,887	1/2	152,830	1/2	135,502	1/2	118,166
3/4	3/4	3/4	3/4	3/4	220,686	3/4	208,023	3/4	195,360	3/4	182,662	3/4	169,575	3/4	152,469	3/4	135,141	3/4	117,804
2		2		2	220,422	2	207,760	2	195,096	2	182,398	2	169,247	2	152,108	2	134,780	2	117,443
1/4	1/4	1/4	1/4	1/4	220,158	1/4	207,496	1/4	194,831	1/4	182,133	1/4	168,919	1/4	151,747	1/4	134,419	1/4	117,082
1/2	1/2	1/2	1/2	1/2	219,894	1/2	207,232	1/2	194,567	1/2	181,869	1/2	168,592	1/2	151,386	1/2	134,058	1/2	116,720
3/4	3/4	3/4	3/4	3/4	219,630	3/4	206,968	3/4	194,302	3/4	181,604	3/4	168,264	3/4	151,025	3/4	133,697	3/4	116,359
3		3		3	219,366	3	206,704	3	194,038	3	181,340	3	167,920	3	150,664	3	133,336	3	115,997
1/4	1/4	1/4	1/4	1/4	219,102	1/4	206,441	1/4	193,773	1/4	181,075	1/4	167,576	1/4	150,303	1/4	132,975	1/4	115,636
1/2	1/2	1/2	1/2	1/2	218,838	1/2	206,177	1/2	193,508	1/2	180,810	1/2	167,232	1/2	149,942	1/2	132,614	1/2	115,275
3/4	3/4	3/4	3/4	3/4	218,575	3/4	205,913	3/4	193,244	3/4	180,546	3/4	166,888	3/4	149,581	3/4	132,253	3/4	114,913
4		4		4	218,311	4	205,649	4	192,979	4	180,281	4	166,532	4	149,220	4	131,892	4	114,552
1/4	1/4	1/4	1/4	1/4	218,047	1/4	205,385	1/4	192,715	1/4	180,017	1/4	166,176	1/4	148,859	1/4	131,531	1/4	114,190
1/2	1/2	1/2	1/2	1/2	217,783	1/2	205,122	1/2	192,450	1/2	179,752	1/2	165,819	1/2	148,498	1/2	131,170	1/2	113,829
3/4	3/4	3/4	3/4	3/4	217,519	3/4	204,858	3/4	192,186	3/4	179,488	3/4	165,463	3/4	148,137	3/4	130,809	3/4	113,467
5		5		5	217,256	5	204,594	5	191,921	5	179,223	5	165,102	5	147,776	5	130,448	5	113,106
1/4	1/4	1/4	1/4	1/4	216,992	1/4	204,330	1/4	191,657	1/4	178,959	1/4	164,742	1/4	147,415	1/4	130,087	1/4	112,745
1/2	1/2	1/2	1/2	1/2	216,728	1/2	204,067	1/2	191,392	1/2	178,694	1/2	164,381	1/2	147,054	1/2	129,726	1/2	112,383
3/4	3/4	3/4	3/4	3/4	216,464	3/4	203,803	3/4	191,128	3/4	178,430	3/4	164,020	3/4	146,693	3/4	129,365	3/4	112,022
6		6		6	216,201	6	203,539	6	190,863	6	178,165	6	163,659	6	146,332	6	129,004	6	111,660
1/4	1/4	1/4	1/4	1/4	215,937	1/4	203,275	1/4	190,599	1/4	177,900	1/4	163,299	1/4	145,971	1/4	128,643	1/4	111,299
1/2	1/2	1/2	1/2	1/2	215,673	1/2	203,011	1/2	190,334	1/2	177,636	1/2	162,938	1/2	145,610	1/2	128,282	1/2	110,938
3/4	3/4	3/4	3/4	3/4	215,409	3/4	202,748	3/4	190,069	3/4	177,371	3/4	162,577	3/4	145,249	3/4	127,921	3/4	110,576
7		7		7	215,145	7	202,484	7	189,805	7	177,107	7	162,216	7	144,888	7	127,560	7	110,215
1/4	1/4	1/4	1/4	1/4	214,882	1/4	202,220	1/4	189,540	1/4	176,842	1/4	161,855	1/4	144,527	1/4	127,199	1/4	109,853
1/2	1/2	1/2	1/2	1/2	214,618	1/2	201,956	1/2	189,276	1/2	176,578	1/2	161,494	1/2	144,166	1/2	126,838	1/2	109,492
3/4	3/4	3/4	3/4	3/4	214,354	3/4	201,693	3/4	189,011	3/4	176,313	3/4	161,133	3/4	143,805	3/4	126,477	3/4	109,130
8		8		8	214,090	8	201,429	8	188,747	8	176,049	8	160,772	8	143,444	8	126,115	8	108,769
1/4	1/4	1/4	1/4	1/4	225,857	1/4	213,827	1/4	201,165	1/4	188,482	1/4	175,784	1/4	160,411	1/4	143,083	1/4	125,754
1/2	1/2	1/2	1/2	1/2	225,706	1/2	213,563	1/2	200,901	1/2	188,218	1/2	175,520	1/2	160,050	1/2	142,722	1/2	125,393
3/4	3/4	3/4	3/4	3/4	225,555	3/4	213,299	3/4	200,637	3/4	187,953	3/4	175,255	3/4	159,689	3/4	142,361	3/4	125,032
9		9		9	225,360	9	213,035	9	200,374	9	187,689	9	174,991	9	159,328	9	142,000	9	124,671
1/4	1/4	1/4	1/4	1/4	225,165	1/4	212,771	1/4	200,110	1/4	187,424	1/4	174,726	1/4	158,967	1/4	141,639	1/4	124,310
1/2	1/2	1/2	1/2	1/2	224,970	1/2	212,508	1/2	199,846	1/2	187,159	1/2	174,461	1/2	158,606	1/2	141,278	1/2	123,948
3/4	3/4	3/4	3/4	3/4	224,775	3/4	212,244	3/4	199,582	3/4	186,895	3/4	174,197	3/4	158,245	3/4	140,917	3/4	123,587
10		10		10	224,539	10	211,980	10	199,319	10	186,630	10	173,929	10	157,884	10	140,556	10	123,226
1/4	1/4	1/4	1/4	1/4	224,303	1/4	211,716	1/4	199,055	1/4	186,366	1/4	173,661	1/4	157,523	1/4	140,195	1/4	122,864
1/2	1/2	1/2	1/2	1/2	224,067	1/2	211,452	1/2	198,791	1/2	186,101	1/2	173,393	1/2	157,162	1/2	139,834	1/2	122,503
3/4	3/4	3/4	3/4	3/4	223,831	3/4	211,189	3/4	198,527	3/4	185,837	3/4	173,124	3/4	156,801	3/4	139,473	3/4	122,141
11		11		11	223,572	11	210,925	11	198,263	11	185,572	11	172,845	11	156,440	11	139,112	11	121,780
1/4	1/4	1/4	1/4	1/4	223,313	1/4	210,661	1/4	198,000	1/4	185,308	1/4	172,565	1/4	156,079	1/4	138,751	1/4	121,419
1/2	1/2	1/2	1/2	1/2	223,054	1/2	210,397	1/2	197,736	1/2	185,043	1/2	172,285	1/2	155,718	1/2	138,390	1/2	121,057
3/4	3/4	3/4	3/4	3/4	222,795	3/4	210,134	3/4	197,472	3/4	184,779	3/4	172,006	3/4	155,357	3/4	138,029	3/4	120,696

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

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



# BARGE "HFL 607"

## 3 STBD ULLAGE 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	102,986	0	85,638	0	68,290	0	50,946	0	33,613	0	16,265	0		0		0		0	
1/4	102,625	1/4	85,277	1/4	67,929	1/4	50,585	1/4	33,251	1/4	15,904	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	102,264	1/2	84,916	1/2	67,568	1/2	50,224	1/2	32,890	1/2	15,542	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	101,902	3/4	84,554	3/4	67,206	3/4	49,863	3/4	32,529	3/4	15,181	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	101,541	1	84,193	1	66,845	1	49,502	1	32,167	1	14,820	1	1	1	1	1	1	1	1
1/4	101,179	1/4	83,831	1/4	66,483	1/4	49,142	1/4	31,806	1/4	14,458	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	100,818	1/2	83,470	1/2	66,122	1/2	48,781	1/2	31,444	1/2	14,097	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	100,456	3/4	83,109	3/4	65,761	3/4	48,420	3/4	31,083	3/4	13,735	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	100,095	2	82,747	2	65,399	2	48,059	2	30,722	2	13,374	2	2	2	2	2	2	2	2
1/4	99,734	1/4	82,386	1/4	65,038	1/4	47,698	1/4	30,360	1/4	13,013	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	99,372	1/2	82,024	1/2	64,676	1/2	47,337	1/2	29,999	1/2	12,651	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	99,011	3/4	81,663	3/4	64,315	3/4	46,976	3/4	29,637	3/4	12,290	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	98,649	3	81,301	3	63,954	3	46,615	3	29,276	3	11,928	3	3	3	3	3	3	3	3
1/4	98,288	1/4	80,940	1/4	63,592	1/4	46,254	1/4	28,914	1/4	11,567	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	97,927	1/2	80,579	1/2	63,231	1/2	45,893	1/2	28,553	1/2	11,206	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	97,565	3/4	80,217	3/4	62,869	3/4	45,532	3/4	28,192	3/4	10,844	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	97,204	4	79,856	4	62,508	4	45,171	4	27,830	4	10,483	4	4	4	4	4	4	4	4
1/4	96,842	1/4	79,494	1/4	62,146	1/4	44,811	1/4	27,469	1/4	10,121	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	96,481	1/2	79,133	1/2	61,785	1/2	44,450	1/2	27,107	1/2	9,760	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	96,119	3/4	78,772	3/4	61,424	3/4	44,089	3/4	26,746	3/4	9,399	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	95,758	5	78,410	5	61,062	5	43,728	5	26,385	5	9,037	5	5	5	5	5	5	5	5
1/4	95,397	1/4	78,049	1/4	60,701	1/4	43,367	1/4	26,023	1/4	8,676	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	95,035	1/2	77,687	1/2	60,339	1/2	43,006	1/2	25,662	1/2	8,314	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	94,674	3/4	77,326	3/4	59,978	3/4	42,645	3/4	25,300	3/4	7,953	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	94,312	6	76,964	6	59,617	6	42,284	6	24,939	6	7,592	6	6	6	6	6	6	6	6
1/4	93,951	1/4	76,603	1/4	59,255	1/4	41,923	1/4	24,578	1/4	7,230	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	93,590	1/2	76,242	1/2	58,894	1/2	41,562	1/2	24,216	1/2	6,869	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	93,228	3/4	75,880	3/4	58,532	3/4	41,201	3/4	23,855	3/4	6,507	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	92,867	7	75,519	7	58,171	7	40,840	7	23,493	7	6,146	7	7	7	7	7	7	7	7
1/4	92,505	1/4	75,157	1/4	57,809	1/4	40,479	1/4	23,132	1/4	5,785	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	92,144	1/2	74,796	1/2	57,448	1/2	40,118	1/2	22,771	1/2	5,424	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	91,783	3/4	74,435	3/4	57,087	3/4	39,757	3/4	22,409	3/4	5,063	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	91,421	8	74,073	8	56,725	8	39,395	8	22,048	8	4,703	8	8	8	8	8	8	8	8
1/4	91,060	1/4	73,712	1/4	56,364	1/4	39,034	1/4	21,686	1/4	4,342	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	90,698	1/2	73,350	1/2	56,002	1/2	38,672	1/2	21,325	1/2	3,982	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	90,337	3/4	72,989	3/4	55,641	3/4	38,311	3/4	20,964	3/4	3,622	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	89,975	9	72,627	9	55,280	9	37,950	9	20,602	9	3,284	9	9	9	9	9	9	9	9
1/4	89,614	1/4	72,266	1/4	54,918	1/4	37,588	1/4	20,241	1/4	2,946	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	89,253	1/2	71,905	1/2	54,557	1/2	37,227	1/2	19,879	1/2	2,608	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	88,891	3/4	71,543	3/4	54,196	3/4	36,865	3/4	19,518	3/4	2,270	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	88,530	10	71,182	10	53,835	10	36,504	10	19,157	10	1,999	10	10	10	10	10	10	10	10
1/4	88,168	1/4	70,820	1/4	53,474	1/4	36,143	1/4	18,795	1/4	1,728	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	87,807	1/2	70,459	1/2	53,112	1/2	35,781	1/2	18,434	1/2	1,457	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	87,446	3/4	70,098	3/4	52,751	3/4	35,420	3/4	18,072	3/4	1,186	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	87,084	11	69,736	11	52,390	11	35,058	11	17,711	11		11	11	11	11	11	11	11	11
1/4	86,723	1/4	69,375	1/4	52,029	1/4	34,697	1/4	17,350	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,361	1/2	69,013	1/2	51,668	1/2	34,336	1/2	16,988	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	86,000	3/4	68,652	3/4	51,307	3/4	33,974	3/4	16,627	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: 01/30/2012 CL - SW  
CALCULATED: 01/30/2012 CL  
PRINTED: 01/30/2012 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 607"

## PORT SLOP ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-00 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	0	0	0	0	4,754	0	3,602	0	2,449	0	1,297	0	144	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	4,730	1/4	3,578	1/4	2,426	1/4	1,273	1/4	120	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,706	1/2	3,553	1/2	2,402	1/2	1,249	1/2	96	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,682	3/4	3,529	3/4	2,378	3/4	1,225	3/4	72	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	4,658	1	3,505	1	2,354	1	1,201	1	48	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	4,634	1/4	3,481	1/4	2,330	1/4	1,177	1/4	24	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,610	1/2	3,457	1/2	2,306	1/2	1,153	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,586	3/4	3,433	3/4	2,282	3/4	1,129	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	4,562	2	3,409	2	2,258	2	1,105	2	0	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	4,538	1/4	3,385	1/4	2,234	1/4	1,081	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,514	1/2	3,361	1/2	2,210	1/2	1,057	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,490	3/4	3,337	3/4	2,186	3/4	1,033	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	4,466	3	3,313	3	2,162	3	1,009	3	0	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	4,442	1/4	3,289	1/4	2,138	1/4	985	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,418	1/2	3,265	1/2	2,114	1/2	961	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,394	3/4	3,241	3/4	2,090	3/4	937	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4,370	4	3,217	4	2,066	4	913	4	0	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	4,346	1/4	3,193	1/4	2,042	1/4	889	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,322	1/2	3,169	1/2	2,017	1/2	865	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,298	3/4	3,145	3/4	1,993	3/4	841	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	4,274	5	3,121	5	1,969	5	817	5	0	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	4,250	1/4	3,097	1/4	1,945	1/4	793	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,226	1/2	3,073	1/2	1,921	1/2	769	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,202	3/4	3,049	3/4	1,897	3/4	745	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	4,178	6	3,025	6	1,873	6	721	6	0	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	4,154	1/4	3,001	1/4	1,849	1/4	697	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,130	1/2	2,977	1/2	1,825	1/2	673	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,106	3/4	2,953	3/4	1,801	3/4	649	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	4,082	7	2,929	7	1,777	7	625	7	0	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	4,058	1/4	2,905	1/4	1,753	1/4	601	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	5,131	1/2	4,034	1/2	2,881	1/2	1,729	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	5,119	3/4	4,010	3/4	2,857	3/4	1,705	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	5,108	8	3,986	8	2,833	8	1,681	8	0	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	5,096	1/4	3,962	1/4	2,809	1/4	1,657	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	5,084	1/2	3,938	1/2	2,785	1/2	1,633	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	5,061	3/4	3,914	3/4	2,761	3/4	1,609	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	5,037	9	3,890	9	2,737	9	1,585	9	0	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	5,014	1/4	3,866	1/4	2,713	1/4	1,561	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,990	1/2	3,842	1/2	2,689	1/2	1,537	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,967	3/4	3,818	3/4	2,665	3/4	1,513	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	4,943	10	3,794	10	2,641	10	1,489	10	0	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	4,919	1/4	3,770	1/4	2,617	1/4	1,465	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,896	1/2	3,746	1/2	2,593	1/2	1,441	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,872	3/4	3,722	3/4	2,569	3/4	1,417	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	4,848	11	3,698	11	2,545	11	1,393	11	0	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	4,825	1/4	3,674	1/4	2,521	1/4	1,369	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,801	1/2	3,650	1/2	2,497	1/2	1,345	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,777	3/4	3,626	3/4	2,473	3/4	1,321	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4

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 ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

STRAPPED: 01/30/2012 CL - SW  
CALCULATED: 01/30/2012 CL  
PRINTED: 01/30/2012 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 607"

## STBD SLOP ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-01"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	0	0	0	0	4,801	0	3,650	0	2,497	0	1,345	0	192	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	4,777	1/4	3,626	1/4	2,473	1/4	1,321	1/4	168	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,754	1/2	3,602	1/2	2,449	1/2	1,297	1/2	144	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,730	3/4	3,578	3/4	2,426	3/4	1,273	3/4	120	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	4,706	1	3,553	1	2,402	1	1,249	1	96	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	4,682	1/4	3,529	1/4	2,378	1/4	1,225	1/4	72	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,658	1/2	3,505	1/2	2,354	1/2	1,201	1/2	48	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,634	3/4	3,481	3/4	2,330	3/4	1,177	3/4	24	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	4,610	2	3,457	2	2,306	2	1,153	2	0	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	4,586	1/4	3,433	1/4	2,282	1/4	1,129	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,562	1/2	3,409	1/2	2,258	1/2	1,105	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,538	3/4	3,385	3/4	2,234	3/4	1,081	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	4,514	3	3,361	3	2,210	3	1,057	3	0	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	4,490	1/4	3,337	1/4	2,186	1/4	1,033	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,466	1/2	3,313	1/2	2,162	1/2	1,009	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,442	3/4	3,289	3/4	2,138	3/4	985	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4,418	4	3,265	4	2,114	4	961	4	0	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	4,394	1/4	3,241	1/4	2,090	1/4	937	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,370	1/2	3,217	1/2	2,066	1/2	913	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,346	3/4	3,193	3/4	2,042	3/4	889	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	4,322	5	3,169	5	2,017	5	865	5	0	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	4,298	1/4	3,145	1/4	1,993	1/4	841	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,274	1/2	3,121	1/2	1,969	1/2	817	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,250	3/4	3,097	3/4	1,945	3/4	793	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	4,226	6	3,073	6	1,921	6	769	6	0	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	4,202	1/4	3,049	1/4	1,897	1/4	745	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,178	1/2	3,025	1/2	1,873	1/2	721	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,154	3/4	3,001	3/4	1,849	3/4	697	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	4,130	7	2,977	7	1,825	7	673	7	0	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	4,106	1/4	2,953	1/4	1,801	1/4	649	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,082	1/2	2,929	1/2	1,777	1/2	625	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,058	3/4	2,905	3/4	1,753	3/4	601	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	5,131	8	4,034	8	2,881	8	1,729	8	577	8	0	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	4,010	1/4	2,857	1/4	1,705	1/4	552	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	3,986	1/2	2,833	1/2	1,681	1/2	528	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3,962	3/4	2,809	3/4	1,657	3/4	504	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	5,084	9	3,938	9	2,785	9	1,633	9	480	9	0	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	3,914	1/4	2,761	1/4	1,609	1/4	456	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	3,890	1/2	2,737	1/2	1,585	1/2	432	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3,866	3/4	2,713	3/4	1,561	3/4	408	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	4,990	10	3,842	10	2,689	10	1,537	10	384	10	0	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	3,818	1/4	2,665	1/4	1,513	1/4	360	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	3,794	1/2	2,641	1/2	1,489	1/2	336	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3,770	3/4	2,617	3/4	1,465	3/4	312	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	4,896	11	3,746	11	2,593	11	1,441	11	288	11	0	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	3,722	1/4	2,569	1/4	1,417	1/4	264	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	3,698	1/2	2,545	1/2	1,393	1/2	240	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3,674	3/4	2,521	3/4	1,369	3/4	216	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4

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