



BARGE "MPC 305"

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	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-0/8	01-0/8	- 01-1/4	01-1/4
1 STBD	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-0/8	01-0/8	- 01-1/4	01-1/4
2 PORT	00-1/4	- 00-1/4	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2	01-3/4	- 01-3/4
2 STBD	00-1/4	- 00-1/4	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2	01-3/4	- 01-3/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 134'-00"

July 26, 2014

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

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BARGE "MPC 305"

SLOP TANK ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "HFL 305"

GAUGE HEIGHT 4'-11"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0	0	0	2,798	0	1,839	0	879	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	2,778	1/4	1,819	1/4	859	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	1/2	1/2	2,758	1/2	1,799	1/2	839	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	3/4	3/4	2,738	3/4	1,779	3/4	819	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	2,718	1	1,759	1	799	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	2,698	1/4	1,739	1/4	779	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	1/2	1/2	2,678	1/2	1,719	1/2	759	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	3/4	3/4	2,658	3/4	1,699	3/4	739	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2,638	2	1,679	2	719	2	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	2,618	1/4	1,659	1/4	700	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	1/2	1/2	2,598	1/2	1,639	1/2	680	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	3/4	3/4	2,578	3/4	1,619	3/4	660	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	2,558	3	1,599	3	640	3	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	2,538	1/4	1,579	1/4	620	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	1/2	1/2	2,518	1/2	1,559	1/2	600	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	3/4	3/4	2,498	3/4	1,539	3/4	580	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	2,478	4	1,519	4	560	4	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	2,458	1/4	1,499	1/4	540	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	1/2	1/2	2,438	1/2	1,479	1/2	520	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	3/4	3/4	2,418	3/4	1,459	3/4	500	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	5	3,238	5	2,398	5	1,439	5	480	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	3,234	1/4	2,378	1/4	1,419	1/4	460	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	3,231	1/2	2,358	1/2	1,399	1/2	440	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3,228	3/4	2,338	3/4	1,379	3/4	420	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	3,224	6	2,318	6	1,359	6	400	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	3,214	1/4	2,298	1/4	1,339	1/4	380	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	3,204	1/2	2,278	1/2	1,319	1/2	360	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3,194	3/4	2,258	3/4	1,299	3/4	340	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	3,184	7	2,238	7	1,279	7	320	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	3,168	1/4	2,218	1/4	1,259	1/4	300	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	3,151	1/2	2,198	1/2	1,239	1/2	280	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3,134	3/4	2,178	3/4	1,219	3/4	260	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	3,118	8	2,158	8	1,199	8	240	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	3,098	1/4	2,138	1/4	1,179	1/4	220	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	3,078	1/2	2,118	1/2	1,159	1/2	200	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3,058	3/4	2,099	3/4	1,139	3/4	180	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	3,038	9	2,079	9	1,119	9	160	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	3,018	1/4	2,059	1/4	1,099	1/4	140	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	2,998	1/2	2,039	1/2	1,079	1/2	120	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	2,978	3/4	2,019	3/4	1,059	3/4	100	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	2,958	10	1,999	10	1,039	10	80	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	2,938	1/4	1,979	1/4	1,019	1/4	60	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	2,918	1/2	1,959	1/2	999	1/2	40	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	2,898	3/4	1,939	3/4	979	3/4	20	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	2,878	11	1,919	11	959	11	0	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	2,858	1/4	1,899	1/4	939	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	1/2	2,838	1/2	1,879	1/2	919	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	3/4	2,818	3/4	1,859	3/4	899	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.

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 TOP THREADS OF "MMC" GAUGE POINT.

STRAPPED: 04/08/2009 CL - SW
CALCULATED: 04/09/2009 CL
REPRINTED: 07/26/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

PRECISION MEASUREMENT
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BARGE "MPC 305"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "HFL 305"

GAUGE HEIGHT 15'-10"

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	142,590	0	134,413	0	126,851	0	119,253	0	111,212	0	102,120	0	90,606	0	79,083
1/4	1/4	1/4	1/4	1/4	142,361	1/4	134,255	1/4	126,694	1/4	119,085	1/4	111,045	1/4	101,880	1/4	90,366	1/4	78,843
1/2	1/2	1/2	1/2	1/2	142,133	1/2	134,098	1/2	126,536	1/2	118,918	1/2	110,879	1/2	101,641	1/2	90,126	1/2	78,603
3/4	3/4	3/4	3/4	3/4	141,904	3/4	133,940	3/4	126,379	3/4	118,750	3/4	110,712	3/4	101,401	3/4	89,886	3/4	78,363
1		1		1	141,675	1	133,783	1	126,221	1	118,582	1	110,545	1	101,162	1	89,646	1	78,123
1/4	1/4	1/4	1/4	1/4	141,447	1/4	133,625	1/4	126,064	1/4	118,415	1/4	110,378	1/4	100,922	1/4	89,406	1/4	77,883
1/2	1/2	1/2	1/2	1/2	141,218	1/2	133,468	1/2	125,906	1/2	118,247	1/2	110,212	1/2	100,683	1/2	89,166	1/2	77,643
3/4	3/4	3/4	3/4	3/4	140,989	3/4	133,310	3/4	125,749	3/4	118,079	3/4	110,045	3/4	100,444	3/4	88,926	3/4	77,403
2		2		2	140,760	2	133,152	2	125,591	2	117,912	2	109,878	2	100,204	2	88,686	2	77,163
1/4	1/4	1/4	1/4	1/4	140,586	1/4	132,995	1/4	125,434	1/4	117,744	1/4	109,712	1/4	99,964	1/4	88,446	1/4	76,922
1/2	1/2	1/2	1/2	1/2	140,411	1/2	132,837	1/2	125,276	1/2	117,576	1/2	109,545	1/2	99,724	1/2	88,205	1/2	76,682
3/4	3/4	3/4	3/4	3/4	140,237	3/4	132,680	3/4	125,119	3/4	117,409	3/4	109,378	3/4	99,485	3/4	87,965	3/4	76,442
3		3		3	140,062	3	132,522	3	124,961	3	117,241	3	109,212	3	99,245	3	87,725	3	76,202
1/4	1/4	1/4	1/4	1/4	139,906	1/4	132,365	1/4	124,804	1/4	117,073	1/4	109,045	1/4	99,005	1/4	87,485	1/4	75,962
1/2	1/2	1/2	1/2	1/2	139,750	1/2	132,207	1/2	124,646	1/2	116,906	1/2	108,878	1/2	98,765	1/2	87,245	1/2	75,722
3/4	3/4	3/4	3/4	3/4	139,594	3/4	132,050	3/4	124,489	3/4	116,738	3/4	108,712	3/4	98,525	3/4	87,005	3/4	75,482
4		4		4	139,437	4	131,892	4	124,331	4	116,570	4	108,545	4	98,285	4	86,765	4	75,242
1/4	1/4	1/4	1/4	1/4	139,281	1/4	131,735	1/4	124,174	1/4	116,403	1/4	108,378	1/4	98,045	1/4	86,525	1/4	75,002
1/2	1/2	1/2	1/2	1/2	139,125	1/2	131,577	1/2	124,016	1/2	116,235	1/2	108,212	1/2	97,805	1/2	86,285	1/2	74,761
3/4	3/4	3/4	3/4	3/4	138,968	3/4	131,420	3/4	123,858	3/4	116,067	3/4	108,045	3/4	97,565	3/4	86,045	3/4	74,521
5		5		5	138,812	5	131,262	5	123,701	5	115,900	5	107,878	5	97,325	5	85,805	5	74,280
1/4	1/4	1/4	1/4	1/4	138,656	1/4	131,105	1/4	123,543	1/4	115,732	1/4	107,711	1/4	97,085	1/4	85,565	1/4	74,040
1/2	1/2	1/2	1/2	1/2	138,500	1/2	130,947	1/2	123,386	1/2	115,564	1/2	107,545	1/2	96,845	1/2	85,325	1/2	73,799
3/4	3/4	3/4	3/4	3/4	138,343	3/4	130,790	3/4	123,228	3/4	115,397	3/4	107,378	3/4	96,605	3/4	85,085	3/4	73,559
6		6		6	138,187	6	130,632	6	123,071	6	115,229	6	107,211	6	96,365	6	84,845	6	73,318
1/4	1/4	1/4	1/4	1/4	138,031	1/4	130,475	1/4	122,913	1/4	115,061	1/4	107,045	1/4	96,125	1/4	84,605	1/4	73,078
1/2	1/2	1/2	1/2	1/2	137,874	1/2	130,317	1/2	122,756	1/2	114,894	1/2	106,878	1/2	95,885	1/2	84,364	1/2	72,837
3/4	3/4	3/4	3/4	3/4	137,718	3/4	130,159	3/4	122,598	3/4	114,726	3/4	106,711	3/4	95,645	3/4	84,124	3/4	72,597
7		7	146,729	7	137,562	7	130,002	7	122,441	7	114,558	7	106,545	7	95,405	7	83,884	7	72,356
1/4	1/4	1/4	146,570	1/4	137,405	1/4	129,844	1/4	122,283	1/4	114,391	1/4	106,378	1/4	95,165	1/4	83,644	1/4	72,116
1/2	1/2	1/2	146,411	1/2	137,248	1/2	129,687	1/2	122,126	1/2	114,223	1/2	106,211	1/2	94,925	1/2	83,404	1/2	71,875
3/4	3/4	3/4	146,252	3/4	137,090	3/4	129,529	3/4	121,968	3/4	114,055	3/4	106,045	3/4	94,685	3/4	83,164	3/4	71,635
8		8	146,094	8	136,933	8	129,372	8	121,811	8	113,888	8	105,878	8	94,445	8	82,924	8	71,394
1/4	1/4	1/4	145,895	1/4	136,776	1/4	129,214	1/4	121,653	1/4	113,720	1/4	105,657	1/4	94,205	1/4	82,684	1/4	71,154
1/2	1/2	1/2	145,696	1/2	136,618	1/2	129,057	1/2	121,496	1/2	113,552	1/2	105,435	1/2	93,965	1/2	82,444	1/2	70,913
3/4	3/4	3/4	145,497	3/4	136,461	3/4	128,899	3/4	121,338	3/4	113,385	3/4	105,214	3/4	93,725	3/4	82,204	3/4	70,673
9		9	145,298	9	136,303	9	128,742	9	121,181	9	113,217	9	104,993	9	93,485	9	81,964	9	70,432
1/4	1/4	1/4	145,076	1/4	136,145	1/4	128,584	1/4	121,022	1/4	113,049	1/4	104,753	1/4	93,245	1/4	81,724	1/4	70,192
1/2	1/2	1/2	144,854	1/2	135,988	1/2	128,427	1/2	120,864	1/2	112,882	1/2	104,514	1/2	93,005	1/2	81,484	1/2	69,951
3/4	3/4	3/4	144,632	3/4	135,830	3/4	128,269	3/4	120,706	3/4	112,714	3/4	104,275	3/4	92,765	3/4	81,244	3/4	69,711
10		10	144,411	10	135,673	10	128,112	10	120,548	10	112,546	10	104,035	10	92,525	10	81,004	10	69,470
1/4	1/4	1/4	144,183	1/4	135,515	1/4	127,954	1/4	120,389	1/4	112,379	1/4	103,796	1/4	92,286	1/4	80,763	1/4	69,230
1/2	1/2	1/2	143,956	1/2	135,358	1/2	127,797	1/2	120,231	1/2	112,213	1/2	103,556	1/2	92,046	1/2	80,523	1/2	68,989
3/4	3/4	3/4	143,729	3/4	135,200	3/4	127,639	3/4	120,073	3/4	112,046	3/4	103,317	3/4	91,806	3/4	80,283	3/4	68,749
11		11	143,502	11	135,043	11	127,482	11	119,914	11	111,879	11	103,077	11	91,566	11	80,043	11	68,508
1/4	1/4	1/4	143,274	1/4	134,885	1/4	127,324	1/4	119,749	1/4	111,712	1/4	102,838	1/4	91,326	1/4	79,803	1/4	68,268
1/2	1/2	1/2	143,046	1/2	134,728	1/2	127,166	1/2	119,584	1/2	111,545	1/2	102,598	1/2	91,086	1/2	79,563	1/2	68,027
3/4	3/4	3/4	142,818	3/4	134,570	3/4	127,009	3/4	119,418	3/4	111,379	3/4	102,359	3/4	90,846	3/4	79,323	3/4	67,787

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 TAKENT TOP THREADS OF "MMC" GAUGE POINT.
 GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 36'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "MPC 305"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "HFL 305"

GAUGE HEIGHT 15'-10"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	67,546	0	56,002	0	44,458	0	32,921	0	21,390	0	9,846	0		0		0		0	
1/4	67,306	1/4	55,762	1/4	44,218	1/4	32,681	1/4	21,149	1/4	9,606	1/4		1/4		1/4		1/4	
1/2	67,065	1/2	55,521	1/2	43,977	1/2	32,441	1/2	20,909	1/2	9,365	1/2		1/2		1/2		1/2	
3/4	66,825	3/4	55,281	3/4	43,737	3/4	32,201	3/4	20,668	3/4	9,125	3/4		3/4		3/4		3/4	
1	66,584	1	55,040	1	43,496	1	31,961	1	20,428	1	8,884	1		1		1		1	
1/4	66,344	1/4	54,800	1/4	43,256	1/4	31,721	1/4	20,187	1/4	8,644	1/4		1/4		1/4		1/4	
1/2	66,103	1/2	54,559	1/2	43,015	1/2	31,481	1/2	19,947	1/2	8,403	1/2		1/2		1/2		1/2	
3/4	65,863	3/4	54,319	3/4	42,775	3/4	31,241	3/4	19,706	3/4	8,163	3/4		3/4		3/4		3/4	
2	65,622	2	54,078	2	42,534	2	31,001	2	19,466	2	7,922	2		2		2		2	
1/4	65,382	1/4	53,838	1/4	42,294	1/4	30,762	1/4	19,225	1/4	7,682	1/4		1/4		1/4		1/4	
1/2	65,141	1/2	53,597	1/2	42,053	1/2	30,522	1/2	18,985	1/2	7,441	1/2		1/2		1/2		1/2	
3/4	64,901	3/4	53,357	3/4	41,813	3/4	30,282	3/4	18,744	3/4	7,201	3/4		3/4		3/4		3/4	
3	64,660	3	53,116	3	41,573	3	30,042	3	18,504	3	6,960	3		3		3		3	
1/4	64,420	1/4	52,876	1/4	41,332	1/4	29,802	1/4	18,263	1/4	6,720	1/4		1/4		1/4		1/4	
1/2	64,179	1/2	52,635	1/2	41,092	1/2	29,562	1/2	18,023	1/2	6,480	1/2		1/2		1/2		1/2	
3/4	63,939	3/4	52,395	3/4	40,851	3/4	29,322	3/4	17,782	3/4	6,239	3/4		3/4		3/4		3/4	
4	63,698	4	52,154	4	40,611	4	29,082	4	17,542	4	5,999	4		4		4		4	
1/4	63,458	1/4	51,914	1/4	40,370	1/4	28,842	1/4	17,301	1/4	5,759	1/4		1/4		1/4		1/4	
1/2	63,217	1/2	51,673	1/2	40,130	1/2	28,602	1/2	17,061	1/2	5,519	1/2		1/2		1/2		1/2	
3/4	62,977	3/4	51,433	3/4	39,889	3/4	28,362	3/4	16,820	3/4	5,278	3/4		3/4		3/4		3/4	
5	62,736	5	51,192	5	39,649	5	28,122	5	16,580	5	5,038	5		5		5		5	
1/4	62,496	1/4	50,952	1/4	39,408	1/4	27,882	1/4	16,339	1/4	4,799	1/4		1/4		1/4		1/4	
1/2	62,255	1/2	50,711	1/2	39,168	1/2	27,641	1/2	16,099	1/2	4,559	1/2		1/2		1/2		1/2	
3/4	62,015	3/4	50,471	3/4	38,927	3/4	27,401	3/4	15,858	3/4	4,319	3/4		3/4		3/4		3/4	
6	61,774	6	50,230	6	38,687	6	27,161	6	15,618	6	4,080	6		6		6		6	
1/4	61,534	1/4	49,990	1/4	38,446	1/4	26,921	1/4	15,377	1/4	3,841	1/4		1/4		1/4		1/4	
1/2	61,293	1/2	49,749	1/2	38,206	1/2	26,680	1/2	15,137	1/2	3,602	1/2		1/2		1/2		1/2	
3/4	61,053	3/4	49,509	3/4	37,965	3/4	26,440	3/4	14,896	3/4	3,363	3/4		3/4		3/4		3/4	
7	60,812	7	49,268	7	37,725	7	26,199	7	14,656	7	3,124	7		7		7		7	
1/4	60,572	1/4	49,028	1/4	37,484	1/4	25,959	1/4	14,415	1/4	2,886	1/4		1/4		1/4		1/4	
1/2	60,331	1/2	48,787	1/2	37,244	1/2	25,718	1/2	14,175	1/2	2,648	1/2		1/2		1/2		1/2	
3/4	60,091	3/4	48,547	3/4	37,003	3/4	25,478	3/4	13,934	3/4	2,410	3/4		3/4		3/4		3/4	
8	59,850	8	48,306	8	36,763	8	25,237	8	13,694	8	2,172	8		8		8		8	
1/4	59,610	1/4	48,066	1/4	36,522	1/4	24,997	1/4	13,453	1/4	1,955	1/4		1/4		1/4		1/4	
1/2	59,369	1/2	47,825	1/2	36,282	1/2	24,756	1/2	13,213	1/2	1,738	1/2		1/2		1/2		1/2	
3/4	59,129	3/4	47,585	3/4	36,042	3/4	24,516	3/4	12,972	3/4	1,521	3/4		3/4		3/4		3/4	
9	58,888	9	47,344	9	35,801	9	24,276	9	12,732	9	1,304	9		9		9		9	
1/4	58,648	1/4	47,104	1/4	35,561	1/4	24,035	1/4	12,491	1/4	1,139	1/4		1/4		1/4		1/4	
1/2	58,407	1/2	46,863	1/2	35,321	1/2	23,795	1/2	12,251	1/2	973	1/2		1/2		1/2		1/2	
3/4	58,167	3/4	46,623	3/4	35,081	3/4	23,554	3/4	12,011	3/4	808	3/4		3/4		3/4		3/4	
10	57,926	10	46,382	10	34,841	10	23,314	10	11,770	10	643	10		10		10		10	
1/4	57,686	1/4	46,142	1/4	34,601	1/4	23,073	1/4	11,530	1/4		1/4		1/4		1/4		1/4	
1/2	57,445	1/2	45,901	1/2	34,361	1/2	22,833	1/2	11,289	1/2		1/2		1/2		1/2		1/2	
3/4	57,205	3/4	45,661	3/4	34,121	3/4	22,592	3/4	11,049	3/4		3/4		3/4		3/4		3/4	
11	56,964	11	45,420	11	33,881	11	22,352	11	10,808	11		11		11		11		11	
1/4	56,724	1/4	45,180	1/4	33,641	1/4	22,111	1/4	10,568	1/4		1/4		1/4		1/4		1/4	
1/2	56,483	1/2	44,939	1/2	33,401	1/2	21,871	1/2	10,327	1/2		1/2		1/2		1/2		1/2	
3/4	56,243	3/4	44,699	3/4	33,161	3/4	21,630	3/4	10,087	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

PRECISION MEASUREMENT
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BARGE "MPC 305"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "HFL 305"

GAUGE HEIGHT 15'-10"

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	141,830	0	133,653	0	126,092	0	118,493	0	110,479	0	101,416	0	89,932	0	78,439
1/4	1/4	1/4	1/4	1/4	141,601	1/4	133,495	1/4	125,934	1/4	118,326	1/4	110,312	1/4	101,177	1/4	89,692	1/4	78,199
1/2	1/2	1/2	1/2	1/2	141,373	1/2	133,338	1/2	125,777	1/2	118,159	1/2	110,146	1/2	100,938	1/2	89,453	1/2	77,960
3/4	3/4	3/4	3/4	3/4	141,144	3/4	133,180	3/4	125,619	3/4	117,991	3/4	109,980	3/4	100,699	3/4	89,214	3/4	77,720
1		1		1	140,916	1	133,023	1	125,462	1	117,824	1	109,814	1	100,461	1	88,974	1	77,481
1/4	1/4	1/4	1/4	1/4	140,687	1/4	132,865	1/4	125,304	1/4	117,657	1/4	109,648	1/4	100,222	1/4	88,735	1/4	77,241
1/2	1/2	1/2	1/2	1/2	140,458	1/2	132,708	1/2	125,146	1/2	117,490	1/2	109,482	1/2	99,983	1/2	88,495	1/2	77,002
3/4	3/4	3/4	3/4	3/4	140,229	3/4	132,550	3/4	124,989	3/4	117,323	3/4	109,316	3/4	99,744	3/4	88,256	3/4	76,763
2		2		2	140,000	2	132,393	2	124,831	2	117,156	2	109,150	2	99,505	2	88,017	2	76,523
1/4	1/4	1/4	1/4	1/4	139,826	1/4	132,235	1/4	124,674	1/4	116,989	1/4	108,984	1/4	99,266	1/4	87,777	1/4	76,284
1/2	1/2	1/2	1/2	1/2	139,651	1/2	132,078	1/2	124,516	1/2	116,821	1/2	108,818	1/2	99,027	1/2	87,538	1/2	76,044
3/4	3/4	3/4	3/4	3/4	139,477	3/4	131,920	3/4	124,359	3/4	116,654	3/4	108,652	3/4	98,788	3/4	87,298	3/4	75,805
3		3		3	139,303	3	131,763	3	124,201	3	116,487	3	108,486	3	98,548	3	87,059	3	75,565
1/4	1/4	1/4	1/4	1/4	139,146	1/4	131,605	1/4	124,044	1/4	116,320	1/4	108,320	1/4	98,309	1/4	86,819	1/4	75,326
1/2	1/2	1/2	1/2	1/2	138,990	1/2	131,448	1/2	123,886	1/2	116,153	1/2	108,154	1/2	98,070	1/2	86,580	1/2	75,087
3/4	3/4	3/4	3/4	3/4	138,834	3/4	131,290	3/4	123,729	3/4	115,986	3/4	107,987	3/4	97,830	3/4	86,340	3/4	74,848
4		4		4	138,678	4	131,132	4	123,571	4	115,819	4	107,821	4	97,591	4	86,101	4	74,608
1/4	1/4	1/4	1/4	1/4	138,521	1/4	130,975	1/4	123,414	1/4	115,652	1/4	107,655	1/4	97,352	1/4	85,862	1/4	74,369
1/2	1/2	1/2	1/2	1/2	138,365	1/2	130,817	1/2	123,256	1/2	115,485	1/2	107,489	1/2	97,112	1/2	85,622	1/2	74,129
3/4	3/4	3/4	3/4	3/4	138,209	3/4	130,660	3/4	123,099	3/4	115,317	3/4	107,323	3/4	96,873	3/4	85,383	3/4	73,890
5		5		5	138,052	5	130,502	5	122,941	5	115,150	5	107,157	5	96,634	5	85,143	5	73,650
1/4	1/4	1/4	1/4	1/4	137,896	1/4	130,345	1/4	122,784	1/4	114,983	1/4	106,991	1/4	96,394	1/4	84,904	1/4	73,410
1/2	1/2	1/2	1/2	1/2	137,740	1/2	130,187	1/2	122,626	1/2	114,816	1/2	106,825	1/2	96,155	1/2	84,664	1/2	73,171
3/4	3/4	3/4	3/4	3/4	137,584	3/4	130,030	3/4	122,469	3/4	114,649	3/4	106,659	3/4	95,916	3/4	84,425	3/4	72,931
6		6		6	137,427	6	129,872	6	122,311	6	114,482	6	106,493	6	95,676	6	84,185	6	72,691
1/4	1/4	1/4	1/4	1/4	137,271	1/4	129,715	1/4	122,154	1/4	114,315	1/4	106,327	1/4	95,437	1/4	83,946	1/4	72,452
1/2	1/2	1/2	1/2	1/2	137,115	1/2	129,557	1/2	121,996	1/2	114,148	1/2	106,161	1/2	95,197	1/2	83,707	1/2	72,212
3/4	3/4	3/4	3/4	3/4	136,958	3/4	129,400	3/4	121,838	3/4	113,981	3/4	105,995	3/4	94,958	3/4	83,467	3/4	71,972
7		7	145,970	7	136,802	7	129,242	7	121,681	7	113,813	7	105,828	7	94,719	7	83,228	7	71,733
1/4	1/4	1/4	1/4	1/4	145,811	1/4	136,645	1/4	129,085	1/4	121,523	1/4	113,646	1/4	105,662	1/4	94,479	1/4	82,988
1/2	1/2	1/2	1/2	1/2	145,652	1/2	136,488	1/2	128,927	1/2	121,366	1/2	113,479	1/2	105,496	1/2	94,240	1/2	82,749
3/4	3/4	3/4	3/4	3/4	145,493	3/4	136,331	3/4	128,770	3/4	121,208	3/4	113,312	3/4	105,330	3/4	94,001	3/4	82,509
8		8	145,334	8	136,173	8	128,612	8	121,051	8	113,145	8	105,164	8	93,761	8	82,270	8	70,774
1/4	1/4	1/4	1/4	1/4	145,135	1/4	136,016	1/4	128,455	1/4	120,893	1/4	112,978	1/4	104,944	1/4	93,522	1/4	82,030
1/2	1/2	1/2	1/2	1/2	144,936	1/2	135,858	1/2	128,297	1/2	120,736	1/2	112,811	1/2	104,723	1/2	93,283	1/2	81,791
3/4	3/4	3/4	3/4	3/4	144,737	3/4	135,701	3/4	128,139	3/4	120,578	3/4	112,644	3/4	104,502	3/4	93,043	3/4	81,552
9		9	144,538	9	135,543	9	127,982	9	120,421	9	112,477	9	104,282	9	92,804	9	81,312	9	69,816
1/4	1/4	1/4	1/4	1/4	144,316	1/4	135,386	1/4	127,824	1/4	120,263	1/4	112,310	1/4	104,043	1/4	92,565	1/4	81,073
1/2	1/2	1/2	1/2	1/2	144,094	1/2	135,228	1/2	127,667	1/2	120,104	1/2	112,142	1/2	103,804	1/2	92,325	1/2	80,833
3/4	3/4	3/4	3/4	3/4	143,873	3/4	135,071	3/4	127,509	3/4	119,946	3/4	111,975	3/4	103,565	3/4	92,086	3/4	80,594
10		10	143,651	10	134,913	10	127,352	10	119,788	10	111,808	10	103,326	10	91,846	10	80,354	10	68,857
1/4	1/4	1/4	1/4	1/4	143,429	1/4	134,756	1/4	127,194	1/4	119,630	1/4	111,642	1/4	103,088	1/4	91,607	1/4	80,115
1/2	1/2	1/2	1/2	1/2	143,196	1/2	134,598	1/2	127,037	1/2	119,471	1/2	111,476	1/2	102,849	1/2	91,368	1/2	79,875
3/4	3/4	3/4	3/4	3/4	142,969	3/4	134,441	3/4	126,879	3/4	119,313	3/4	111,309	3/4	102,610	3/4	91,128	3/4	79,636
11		11	142,742	11	134,283	11	126,722	11	119,154	11	111,143	11	102,371	11	90,889	11	79,397	11	67,898
1/4	1/4	1/4	1/4	1/4	142,514	1/4	134,125	1/4	126,564	1/4	118,989	1/4	110,977	1/4	102,132	1/4	90,650	1/4	79,157
1/2	1/2	1/2	1/2	1/2	142,286	1/2	133,968	1/2	126,407	1/2	118,824	1/2	110,811	1/2	101,893	1/2	90,410	1/2	78,918
3/4	3/4	3/4	3/4	3/4	142,058	3/4	133,810	3/4	126,249	3/4	118,658	3/4	110,645	3/4	101,655	3/4	90,171	3/4	78,678

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 TAKENT TOP THREADS OF "MMC" GAUGE POINT.

GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 36'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "MPC 305"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "HFL 305"

GAUGE HEIGHT 15'-10"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	66,939	0	55,457	0	43,998	0	32,802	0	21,361	0	9,841	0		0		0		0	
1/4	66,699	1/4	55,219	1/4	43,759	1/4	32,571	1/4	21,121	1/4	9,601	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,459	1/2	54,981	1/2	43,519	1/2	32,340	1/2	20,881	1/2	9,361	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,219	3/4	54,743	3/4	43,279	3/4	32,109	3/4	20,641	3/4	9,121	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	65,979	1	54,505	1	43,039	1	31,878	1	20,401	1	8,881	1	1	1	1	1	1	1	1
1/4	65,739	1/4	54,267	1/4	42,801	1/4	31,644	1/4	20,161	1/4	8,641	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,499	1/2	54,029	1/2	42,563	1/2	31,410	1/2	19,921	1/2	8,400	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,259	3/4	53,791	3/4	42,326	3/4	31,176	3/4	19,681	3/4	8,160	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	65,019	2	53,553	2	42,088	2	30,942	2	19,441	2	7,920	2	2	2	2	2	2	2	2
1/4	64,779	1/4	53,314	1/4	41,852	1/4	30,704	1/4	19,201	1/4	7,680	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,539	1/2	53,076	1/2	41,616	1/2	30,466	1/2	18,961	1/2	7,439	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,299	3/4	52,838	3/4	41,381	3/4	30,228	3/4	18,721	3/4	7,199	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	64,059	3	52,600	3	41,145	3	29,990	3	18,481	3	6,958	3	3	3	3	3	3	3	3
1/4	63,819	1/4	52,362	1/4	40,911	1/4	29,751	1/4	18,241	1/4	6,718	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,580	1/2	52,124	1/2	40,677	1/2	29,512	1/2	18,001	1/2	6,478	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,340	3/4	51,886	3/4	40,444	3/4	29,273	3/4	17,761	3/4	6,238	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	63,100	4	51,648	4	40,210	4	29,033	4	17,521	4	5,997	4	4	4	4	4	4	4	4
1/4	62,860	1/4	51,410	1/4	39,978	1/4	28,794	1/4	17,281	1/4	5,758	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,620	1/2	51,172	1/2	39,745	1/2	28,555	1/2	17,041	1/2	5,518	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,380	3/4	50,934	3/4	39,513	3/4	28,316	3/4	16,801	3/4	5,278	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	62,140	5	50,696	5	39,281	5	28,077	5	16,561	5	5,038	5	5	5	5	5	5	5	5
1/4	61,900	1/4	50,458	1/4	39,049	1/4	27,838	1/4	16,321	1/4	4,798	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,660	1/2	50,220	1/2	38,817	1/2	27,598	1/2	16,081	1/2	4,559	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,420	3/4	49,982	3/4	38,585	3/4	27,359	3/4	15,841	3/4	4,319	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	61,180	6	49,743	6	38,353	6	27,120	6	15,601	6	4,080	6	6	6	6	6	6	6	6
1/4	60,940	1/4	49,505	1/4	38,122	1/4	26,880	1/4	15,361	1/4	3,841	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,700	1/2	49,267	1/2	37,890	1/2	26,640	1/2	15,121	1/2	3,602	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,460	3/4	49,029	3/4	37,658	3/4	26,401	3/4	14,881	3/4	3,363	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	60,220	7	48,791	7	37,426	7	26,161	7	14,641	7	3,124	7	7	7	7	7	7	7	7
1/4	59,982	1/4	48,552	1/4	37,194	1/4	25,921	1/4	14,401	1/4	2,886	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,743	1/2	48,313	1/2	36,962	1/2	25,681	1/2	14,161	1/2	2,648	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,505	3/4	48,073	3/4	36,730	3/4	25,441	3/4	13,921	3/4	2,410	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	59,266	8	47,834	8	36,499	8	25,201	8	13,681	8	2,172	8	8	8	8	8	8	8	8
1/4	59,028	1/4	47,594	1/4	36,267	1/4	24,961	1/4	13,441	1/4	1,955	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,790	1/2	47,354	1/2	36,036	1/2	24,721	1/2	13,201	1/2	1,738	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,552	3/4	47,115	3/4	35,805	3/4	24,481	3/4	12,961	3/4	1,521	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	58,314	9	46,875	9	35,573	9	24,241	9	12,721	9	1,304	9	9	9	9	9	9	9	9
1/4	58,076	1/4	46,635	1/4	35,342	1/4	24,001	1/4	12,481	1/4	1,139	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,838	1/2	46,396	1/2	35,111	1/2	23,761	1/2	12,241	1/2	973	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,600	3/4	46,156	3/4	34,880	3/4	23,521	3/4	12,001	3/4	808	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	57,362	10	45,916	10	34,649	10	23,281	10	11,761	10	643	10	10	10	10	10	10	10	10
1/4	57,124	1/4	45,676	1/4	34,418	1/4	23,041	1/4	11,521	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	56,886	1/2	45,437	1/2	34,187	1/2	22,801	1/2	11,281	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	56,647	3/4	45,197	3/4	33,957	3/4	22,561	3/4	11,041	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	56,409	11	44,957	11	33,726	11	22,321	11	10,801	11		11	11	11	11	11	11	11	11
1/4	56,171	1/4	44,718	1/4	33,495	1/4	22,081	1/4	10,561	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,933	1/2	44,478	1/2	33,264	1/2	21,841	1/2	10,321	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,695	3/4	44,238	3/4	33,033	3/4	21,601	3/4	10,081	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/08/2009 CL - SW
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REPRINTED: 07/26/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "MPC 305"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "HFL 305"

GAUGE HEIGHT 15'-10"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0		
					157,709		146,426		135,090		123,740		112,341		100,943		89,544		78,139		
1/4	1/4	1/4	1/4	1/4	157,475	1/4	146,190	1/4	134,854	1/4	123,502	1/4	112,104	1/4	100,705	1/4	89,306	1/4	77,902		
1/2	1/2	1/2	1/2	1/2	157,241	1/2	145,954	1/2	134,618	1/2	123,265	1/2	111,866	1/2	100,468	1/2	89,069	1/2	77,664		
3/4	3/4	3/4	3/4	3/4	157,007	3/4	145,718	3/4	134,382	3/4	123,027	3/4	111,629	3/4	100,230	3/4	88,831	3/4	77,427		
1	1	1	1	1	156,773	1	145,481	1	134,145	1	122,790	1	111,391	1	99,993	1	88,594	1	77,189		
1/4	1/4	1/4	1/4	1/4	156,538	1/4	145,245	1/4	133,909	1/4	122,552	1/4	111,154	1/4	99,755	1/4	88,356	1/4	76,951		
1/2	1/2	1/2	1/2	1/2	156,304	1/2	145,009	1/2	133,673	1/2	122,315	1/2	110,916	1/2	99,518	1/2	88,119	1/2	76,714		
3/4	3/4	3/4	3/4	3/4	156,070	3/4	144,773	3/4	133,437	3/4	122,077	3/4	110,679	3/4	99,280	3/4	87,881	3/4	76,476		
2	2	2	2	2	155,836	2	144,537	2	133,201	2	121,840	2	110,441	2	99,043	2	87,644	2	76,239		
1/4	1/4	1/4	1/4	1/4	155,601	1/4	144,301	1/4	132,965	1/4	121,603	1/4	110,204	1/4	98,805	1/4	87,406	1/4	76,001		
1/2	1/2	1/2	1/2	1/2	155,367	1/2	144,064	1/2	132,728	1/2	121,365	1/2	109,966	1/2	98,568	1/2	87,168	1/2	75,763		
3/4	3/4	3/4	3/4	3/4	155,133	3/4	143,828	3/4	132,492	3/4	121,128	3/4	109,729	3/4	98,330	3/4	86,931	3/4	75,526		
3	3	3	3	3	154,898	3	143,592	3	132,256	3	120,890	3	109,491	3	98,093	3	86,693	3	75,288		
1/4	1/4	1/4	1/4	1/4	154,664	1/4	143,356	1/4	132,020	1/4	120,653	1/4	109,254	1/4	97,855	1/4	86,456	1/4	75,050		
1/2	1/2	1/2	1/2	1/2	154,429	1/2	143,120	1/2	131,784	1/2	120,415	1/2	109,017	1/2	97,618	1/2	86,218	1/2	74,813		
3/4	3/4	3/4	3/4	3/4	154,195	3/4	142,884	3/4	131,548	3/4	120,178	3/4	108,779	3/4	97,380	3/4	85,980	3/4	74,575		
4	4	4	4	4	153,961	4	142,647	4	131,311	4	119,940	4	108,542	4	97,143	4	85,743	4	74,338		
1/4	1/4	1/4	1/4	1/4	153,726	1/4	142,411	1/4	131,075	1/4	119,703	1/4	108,304	1/4	96,906	1/4	85,505	1/4	74,100		
1/2	1/2	1/2	1/2	1/2	153,492	1/2	142,175	1/2	130,839	1/2	119,465	1/2	108,067	1/2	96,668	1/2	85,268	1/2	73,862		
3/4	3/4	3/4	3/4	3/4	153,257	3/4	141,939	3/4	130,603	3/4	119,228	3/4	107,829	3/4	96,431	3/4	85,030	3/4	73,625		
5	5	5	5	5	153,023	5	141,703	5	130,367	5	118,990	5	107,592	5	96,193	5	84,792	5	73,387		
1/4	1/4	1/4	1/4	1/4	152,789	1/4	141,467	1/4	130,131	1/4	118,753	1/4	107,354	1/4	95,956	1/4	84,555	1/4	73,150		
1/2	1/2	1/2	1/2	1/2	152,554	1/2	141,230	1/2	129,894	1/2	118,515	1/2	107,117	1/2	95,718	1/2	84,317	1/2	72,912		
3/4	3/4	3/4	3/4	3/4	152,320	3/4	140,994	3/4	129,658	3/4	118,278	3/4	106,879	3/4	95,481	3/4	84,080	3/4	72,674		
6	6	6	6	6	152,085	6	140,758	6	129,422	6	118,040	6	106,642	6	95,243	6	83,842	6	72,437		
1/4	1/4	1/4	1/4	1/4	151,851	1/4	140,522	1/4	129,186	1/4	117,803	1/4	106,404	1/4	95,006	1/4	83,604	1/4	72,199		
1/2	1/2	1/2	1/2	1/2	151,617	1/2	140,286	1/2	128,950	1/2	117,566	1/2	106,167	1/2	94,768	1/2	83,367	1/2	71,962		
3/4	3/4	3/4	3/4	3/4	151,382	3/4	140,050	3/4	128,714	3/4	117,328	3/4	105,929	3/4	94,531	3/4	83,129	3/4	71,724		
7	7	161,962	7	151,148	7	139,813	7	128,477	7	117,091	7	105,692	7	94,293	7	82,892	7	71,486			
1/4	1/4	1/4	1/4	1/4	161,797	1/4	150,912	1/4	139,577	1/4	128,241	1/4	116,853	1/4	105,454	1/4	94,056	1/4	82,654	1/4	71,249
1/2	1/2	1/2	1/2	1/2	161,632	1/2	150,676	1/2	139,341	1/2	128,005	1/2	116,616	1/2	105,217	1/2	93,818	1/2	82,416	1/2	71,011
3/4	3/4	3/4	3/4	3/4	161,466	3/4	150,441	3/4	139,105	3/4	127,769	3/4	116,378	3/4	104,980	3/4	93,581	3/4	82,179	3/4	70,774
8	8	161,301	8	150,205	8	138,869	8	127,533	8	116,141	8	104,742	8	93,343	8	81,941	8	70,536			
1/4	1/4	1/4	1/4	1/4	161,096	1/4	149,969	1/4	138,633	1/4	127,297	1/4	115,903	1/4	104,505	1/4	93,106	1/4	81,704	1/4	70,298
1/2	1/2	1/2	1/2	1/2	160,892	1/2	149,733	1/2	138,396	1/2	127,060	1/2	115,666	1/2	104,267	1/2	92,868	1/2	81,466	1/2	70,061
3/4	3/4	3/4	3/4	3/4	160,687	3/4	149,496	3/4	138,160	3/4	126,824	3/4	115,428	3/4	104,030	3/4	92,631	3/4	81,228	3/4	69,823
9	9	160,482	9	149,260	9	137,924	9	126,588	9	115,191	9	103,792	9	92,394	9	80,991	9	69,586			
1/4	1/4	1/4	1/4	1/4	160,255	1/4	149,024	1/4	137,688	1/4	126,351	1/4	114,953	1/4	103,555	1/4	92,156	1/4	80,753	1/4	69,348
1/2	1/2	1/2	1/2	1/2	160,028	1/2	148,788	1/2	137,452	1/2	126,114	1/2	114,716	1/2	103,317	1/2	91,919	1/2	80,515	1/2	69,110
3/4	3/4	3/4	3/4	3/4	159,800	3/4	148,552	3/4	137,216	3/4	125,877	3/4	114,478	3/4	103,080	3/4	91,681	3/4	80,278	3/4	68,873
10	10	159,573	10	148,316	10	136,979	10	125,640	10	114,241	10	102,842	10	91,444	10	80,040	10	68,635			
1/4	1/4	1/4	1/4	1/4	159,340	1/4	148,079	1/4	136,743	1/4	125,402	1/4	114,003	1/4	102,605	1/4	91,206	1/4	79,803	1/4	68,397
1/2	1/2	1/2	1/2	1/2	159,108	1/2	147,843	1/2	136,507	1/2	125,165	1/2	113,766	1/2	102,367	1/2	90,969	1/2	79,565	1/2	68,160
3/4	3/4	3/4	3/4	3/4	158,875	3/4	147,607	3/4	136,271	3/4	124,927	3/4	113,529	3/4	102,130	3/4	90,731	3/4	79,327	3/4	67,922
11	11	158,643	11	147,371	11	136,035	11	124,690	11	113,291	11	101,892	11	90,494	11	79,090	11	67,685			
1/4	1/4	1/4	1/4	1/4	158,409	1/4	147,135	1/4	135,799	1/4	124,452	1/4	113,054	1/4	90,256	1/4	78,852	1/4	67,447		
1/2	1/2	1/2	1/2	1/2	158,176	1/2	146,899	1/2	135,562	1/2	124,215	1/2	112,816	1/2	90,019	1/2	78,615	1/2	67,209		
3/4	3/4	3/4	3/4	3/4	157,942	3/4	146,662	3/4	135,326	3/4	123,977	3/4	112,579	3/4	89,781	3/4	78,377	3/4	66,972		

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 TAKENT TOP THREADS OF "MMC" GAUGE POINT.
 GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 30'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "MPC 305"

1 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "HFL 305"

GAUGE HEIGHT 15'-10"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	66,734	0	55,329	0	43,924	0	32,526	0	21,133	0	9,728	0		0		0		0	
1/4	66,497	1/4	55,091	1/4	43,686	1/4	32,288	1/4	20,895	1/4	9,490	1/4		1/4		1/4		1/4	
1/2	66,259	1/2	54,854	1/2	43,449	1/2	32,051	1/2	20,657	1/2	9,253	1/2		1/2		1/2		1/2	
3/4	66,021	3/4	54,616	3/4	43,211	3/4	31,814	3/4	20,420	3/4	9,015	3/4		3/4		3/4		3/4	
1	65,784	1	54,379	1	42,973	1	31,577	1	20,182	1	8,777	1		1		1		1	
1/4	65,546	1/4	54,141	1/4	42,736	1/4	31,340	1/4	19,945	1/4	8,540	1/4		1/4		1/4		1/4	
1/2	65,309	1/2	53,903	1/2	42,498	1/2	31,103	1/2	19,707	1/2	8,302	1/2		1/2		1/2		1/2	
3/4	65,071	3/4	53,666	3/4	42,261	3/4	30,866	3/4	19,469	3/4	8,065	3/4		3/4		3/4		3/4	
2	64,833	2	53,428	2	42,023	2	30,629	2	19,232	2	7,827	2		2		2		2	
1/4	64,596	1/4	53,191	1/4	41,785	1/4	30,392	1/4	18,994	1/4	7,589	1/4		1/4		1/4		1/4	
1/2	64,358	1/2	52,953	1/2	41,548	1/2	30,155	1/2	18,757	1/2	7,352	1/2		1/2		1/2		1/2	
3/4	64,121	3/4	52,715	3/4	41,310	3/4	29,917	3/4	18,519	3/4	7,114	3/4		3/4		3/4		3/4	
3	63,883	3	52,478	3	41,073	3	29,680	3	18,281	3	6,877	3		3		3		3	
1/4	63,645	1/4	52,240	1/4	40,835	1/4	29,443	1/4	18,044	1/4	6,639	1/4		1/4		1/4		1/4	
1/2	63,408	1/2	52,003	1/2	40,597	1/2	29,206	1/2	17,806	1/2	6,402	1/2		1/2		1/2		1/2	
3/4	63,170	3/4	51,765	3/4	40,360	3/4	28,969	3/4	17,569	3/4	6,164	3/4		3/4		3/4		3/4	
4	62,932	4	51,527	4	40,122	4	28,732	4	17,331	4	5,927	4		4		4		4	
1/4	62,695	1/4	51,290	1/4	39,885	1/4	28,495	1/4	17,093	1/4	5,690	1/4		1/4		1/4		1/4	
1/2	62,457	1/2	51,052	1/2	39,647	1/2	28,258	1/2	16,856	1/2	5,452	1/2		1/2		1/2		1/2	
3/4	62,220	3/4	50,814	3/4	39,409	3/4	28,021	3/4	16,618	3/4	5,215	3/4		3/4		3/4		3/4	
5	61,982	5	50,577	5	39,172	5	27,784	5	16,381	5	4,978	5		5		5		5	
1/4	61,744	1/4	50,339	1/4	38,934	1/4	27,546	1/4	16,143	1/4	4,741	1/4		1/4		1/4		1/4	
1/2	61,507	1/2	50,102	1/2	38,696	1/2	27,309	1/2	15,905	1/2	4,504	1/2		1/2		1/2		1/2	
3/4	61,269	3/4	49,864	3/4	38,459	3/4	27,072	3/4	15,668	3/4	4,267	3/4		3/4		3/4		3/4	
6	61,032	6	49,626	6	38,221	6	26,835	6	15,430	6	4,031	6		6		6		6	
1/4	60,794	1/4	49,389	1/4	37,984	1/4	26,597	1/4	15,193	1/4	3,794	1/4		1/4		1/4		1/4	
1/2	60,556	1/2	49,151	1/2	37,746	1/2	26,360	1/2	14,955	1/2	3,558	1/2		1/2		1/2		1/2	
3/4	60,319	3/4	48,914	3/4	37,508	3/4	26,122	3/4	14,717	3/4	3,322	3/4		3/4		3/4		3/4	
7	60,081	7	48,676	7	37,271	7	25,885	7	14,480	7	3,086	7		7		7		7	
1/4	59,844	1/4	48,438	1/4	37,033	1/4	25,647	1/4	14,242	1/4	2,851	1/4		1/4		1/4		1/4	
1/2	59,606	1/2	48,201	1/2	36,796	1/2	25,409	1/2	14,005	1/2	2,616	1/2		1/2		1/2		1/2	
3/4	59,368	3/4	47,963	3/4	36,558	3/4	25,172	3/4	13,767	3/4	2,381	3/4		3/4		3/4		3/4	
8	59,131	8	47,726	8	36,320	8	24,934	8	13,529	8	2,146	8		8		8		8	
1/4	58,893	1/4	47,488	1/4	36,083	1/4	24,697	1/4	13,292	1/4	1,932	1/4		1/4		1/4		1/4	
1/2	58,656	1/2	47,250	1/2	35,846	1/2	24,459	1/2	13,054	1/2	1,717	1/2		1/2		1/2		1/2	
3/4	58,418	3/4	47,013	3/4	35,608	3/4	24,221	3/4	12,817	3/4	1,503	3/4		3/4		3/4		3/4	
9	58,180	9	46,775	9	35,371	9	23,984	9	12,579	9	1,288	9		9		9		9	
1/4	57,943	1/4	46,538	1/4	35,134	1/4	23,746	1/4	12,341	1/4	1,125	1/4		1/4		1/4		1/4	
1/2	57,705	1/2	46,300	1/2	34,897	1/2	23,509	1/2	12,104	1/2	962	1/2		1/2		1/2		1/2	
3/4	57,468	3/4	46,062	3/4	34,659	3/4	23,271	3/4	11,866	3/4	799	3/4		3/4		3/4		3/4	
10	57,230	10	45,825	10	34,422	10	23,033	10	11,629	10	635	10		10		10		10	
1/4	56,992	1/4	45,587	1/4	34,185	1/4	22,796	1/4	11,391	1/4		1/4		1/4		1/4		1/4	
1/2	56,755	1/2	45,349	1/2	33,948	1/2	22,558	1/2	11,153	1/2		1/2		1/2		1/2		1/2	
3/4	56,517	3/4	45,112	3/4	33,711	3/4	22,321	3/4	10,916	3/4		3/4		3/4		3/4		3/4	
11	56,279	11	44,874	11	33,474	11	22,083	11	10,678	11		11		11		11		11	
1/4	56,042	1/4	44,637	1/4	33,237	1/4	21,845	1/4	10,441	1/4		1/4		1/4		1/4		1/4	
1/2	55,804	1/2	44,399	1/2	33,000	1/2	21,608	1/2	10,203	1/2		1/2		1/2		1/2		1/2	
3/4	55,567	3/4	44,161	3/4	32,763	3/4	21,370	3/4	9,965	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/08/2009 CL - SW
CALCULATED: 04/09/2009 CL
REPRINTED: 07/26/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

PRECISION MEASUREMENT
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BARGE "MPC 305"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "HFL 305"

GAUGE HEIGHT 15'-10"

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	157,633	0	146,351	0	135,015	0	123,664	0	112,266	0	100,867	0	89,468	0	78,064		
1/4	1/4	1/4	1/4	1/4	157,399	1/4	146,115	1/4	134,779	1/4	123,427	1/4	112,028	1/4	100,630	1/4	89,231	1/4	77,826		
1/2	1/2	1/2	1/2	1/2	157,165	1/2	145,878	1/2	134,542	1/2	123,189	1/2	111,791	1/2	100,392	1/2	88,994	1/2	77,589		
3/4	3/4	3/4	3/4	3/4	156,931	3/4	145,642	3/4	134,306	3/4	122,952	3/4	111,553	3/4	100,155	3/4	88,756	3/4	77,351		
1	1	1	1	1	156,697	1	145,406	1	134,070	1	122,714	1	111,316	1	99,917	1	88,519	1	77,114		
1/4	1/4	1/4	1/4	1/4	156,463	1/4	145,170	1/4	133,834	1/4	122,477	1/4	111,078	1/4	99,680	1/4	88,281	1/4	76,876		
1/2	1/2	1/2	1/2	1/2	156,229	1/2	144,934	1/2	133,598	1/2	122,240	1/2	110,841	1/2	99,442	1/2	88,043	1/2	76,638		
3/4	3/4	3/4	3/4	3/4	155,994	3/4	144,698	3/4	133,362	3/4	122,002	3/4	110,603	3/4	99,205	3/4	87,806	3/4	76,401		
2	2	2	2	2	155,760	2	144,461	2	133,125	2	121,765	2	110,366	2	98,967	2	87,568	2	76,163		
1/4	1/4	1/4	1/4	1/4	155,526	1/4	144,225	1/4	132,889	1/4	121,527	1/4	110,128	1/4	98,730	1/4	87,331	1/4	75,926		
1/2	1/2	1/2	1/2	1/2	155,292	1/2	143,989	1/2	132,653	1/2	121,290	1/2	109,891	1/2	98,492	1/2	87,093	1/2	75,688		
3/4	3/4	3/4	3/4	3/4	155,057	3/4	143,753	3/4	132,417	3/4	121,052	3/4	109,654	3/4	98,255	3/4	86,855	3/4	75,450		
3	3	3	3	3	154,823	3	143,517	3	132,181	3	120,815	3	109,416	3	98,017	3	86,618	3	75,213		
1/4	1/4	1/4	1/4	1/4	154,588	1/4	143,281	1/4	131,945	1/4	120,577	1/4	109,179	1/4	97,780	1/4	86,380	1/4	74,975		
1/2	1/2	1/2	1/2	1/2	154,354	1/2	143,044	1/2	131,708	1/2	120,340	1/2	108,941	1/2	97,543	1/2	86,143	1/2	74,737		
3/4	3/4	3/4	3/4	3/4	154,120	3/4	142,808	3/4	131,472	3/4	120,102	3/4	108,704	3/4	97,305	3/4	85,905	3/4	74,500		
4	4	4	4	4	153,885	4	142,572	4	131,236	4	119,865	4	108,466	4	97,068	4	85,667	4	74,262		
1/4	1/4	1/4	1/4	1/4	153,651	1/4	142,336	1/4	131,000	1/4	119,627	1/4	108,229	1/4	96,830	1/4	85,430	1/4	74,025		
1/2	1/2	1/2	1/2	1/2	153,416	1/2	142,100	1/2	130,764	1/2	119,390	1/2	107,991	1/2	96,593	1/2	85,192	1/2	73,787		
3/4	3/4	3/4	3/4	3/4	153,182	3/4	141,864	3/4	130,528	3/4	119,152	3/4	107,754	3/4	96,355	3/4	84,955	3/4	73,549		
5	5	5	5	5	152,948	5	141,627	5	130,291	5	118,915	5	107,516	5	96,118	5	84,717	5	73,312		
1/4	1/4	1/4	1/4	1/4	152,713	1/4	141,391	1/4	130,055	1/4	118,677	1/4	107,279	1/4	95,880	1/4	84,479	1/4	73,074		
1/2	1/2	1/2	1/2	1/2	152,479	1/2	141,155	1/2	129,819	1/2	118,440	1/2	107,041	1/2	95,643	1/2	84,242	1/2	72,837		
3/4	3/4	3/4	3/4	3/4	152,244	3/4	140,919	3/4	129,583	3/4	118,203	3/4	106,804	3/4	95,405	3/4	84,004	3/4	72,599		
6	6	6	6	6	152,010	6	140,683	6	129,347	6	117,965	6	106,566	6	95,168	6	83,767	6	72,361		
1/4	1/4	1/4	1/4	1/4	151,776	1/4	140,447	1/4	129,111	1/4	117,728	1/4	106,329	1/4	94,930	1/4	83,529	1/4	72,124		
1/2	1/2	1/2	1/2	1/2	151,541	1/2	140,210	1/2	128,874	1/2	117,490	1/2	106,091	1/2	94,693	1/2	83,291	1/2	71,886		
3/4	3/4	3/4	3/4	3/4	151,307	3/4	139,974	3/4	128,638	3/4	117,253	3/4	105,854	3/4	94,455	3/4	83,054	3/4	71,649		
7	7	161,887	7	151,072	7	139,738	7	128,402	7	117,015	7	105,617	7	94,218	7	82,816	7	71,411			
1/4	1/4	161,721	1/4	150,837	1/4	139,502	1/4	128,166	1/4	116,778	1/4	105,379	1/4	93,980	1/4	82,579	1/4	71,173			
1/2	1/2	161,556	1/2	150,601	1/2	139,266	1/2	127,930	1/2	116,540	1/2	105,142	1/2	93,743	1/2	82,341	1/2	70,936			
3/4	3/4	161,391	3/4	150,365	3/4	139,030	3/4	127,694	3/4	116,303	3/4	104,904	3/4	93,505	3/4	82,103	3/4	70,698			
8	8	161,226	8	150,129	8	138,793	8	127,457	8	116,065	8	104,667	8	93,268	8	81,866	8	70,461			
1/4	1/4	161,021	1/4	149,893	1/4	138,557	1/4	127,221	1/4	115,828	1/4	104,429	1/4	93,031	1/4	81,628	1/4	70,223			
1/2	1/2	160,816	1/2	149,657	1/2	138,321	1/2	126,985	1/2	115,590	1/2	104,192	1/2	92,793	1/2	81,390	1/2	69,985			
3/4	3/4	160,612	3/4	149,421	3/4	138,085	3/4	126,749	3/4	115,353	3/4	103,954	3/4	92,556	3/4	81,153	3/4	69,748			
9	9	160,407	9	149,185	9	137,849	9	126,513	9	115,115	9	103,717	9	92,318	9	80,915	9	69,510			
1/4	1/4	160,180	1/4	148,949	1/4	137,613	1/4	126,276	1/4	114,878	1/4	103,479	1/4	92,081	1/4	80,678	1/4	69,272			
1/2	1/2	159,952	1/2	148,712	1/2	137,376	1/2	126,038	1/2	114,640	1/2	103,242	1/2	91,843	1/2	80,440	1/2	69,035			
3/4	3/4	159,725	3/4	148,476	3/4	137,140	3/4	125,801	3/4	114,403	3/4	103,004	3/4	91,606	3/4	80,202	3/4	68,797			
10	10	159,498	10	148,240	10	136,904	10	125,564	10	114,166	10	102,767	10	91,368	10	79,965	10	68,560			
1/4	1/4	159,265	1/4	148,004	1/4	136,668	1/4	125,327	1/4	113,928	1/4	102,529	1/4	91,131	1/4	79,727	1/4	68,322			
1/2	1/2	159,032	1/2	147,768	1/2	136,432	1/2	125,089	1/2	113,691	1/2	102,292	1/2	90,893	1/2	79,490	1/2	68,084			
3/4	3/4	158,800	3/4	147,532	3/4	136,196	3/4	124,852	3/4	113,453	3/4	102,054	3/4	90,656	3/4	79,252	3/4	67,847			
11	11	158,567	11	147,295	11	135,959	11	124,614	11	113,216	11	101,817	11	90,418	11	79,014	11	67,609			
1/4	1/4	158,334	1/4	147,059	1/4	135,723	1/4	124,377	1/4	112,978	1/4	101,580	1/4	90,181	1/4	78,777	1/4	67,372			
1/2	1/2	158,100	1/2	146,823	1/2	135,487	1/2	124,139	1/2	112,741	1/2	101,342	1/2	89,943	1/2	78,539	1/2	67,134			
3/4	3/4	157,867	3/4	146,587	3/4	135,251	3/4	123,902	3/4	112,503	3/4	101,105	3/4	89,706	3/4	78,302	3/4	66,896			

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 TAKENT TOP THREADS OF "MMC" GAUGE POINT.
 GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 30'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "MPC 305"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "HFL 305"

GAUGE HEIGHT 15'-10"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	66,659	0	55,254	0	43,848	0	32,495	0	21,133	0	9,728	0		0		0		0	
1/4	66,421	1/4	55,016	1/4	43,611	1/4	32,259	1/4	20,895	1/4	9,490	1/4		1/4		1/4		1/4	
1/2	66,184	1/2	54,778	1/2	43,373	1/2	32,024	1/2	20,657	1/2	9,253	1/2		1/2		1/2		1/2	
3/4	65,946	3/4	54,541	3/4	43,136	3/4	31,788	3/4	20,420	3/4	9,015	3/4		3/4		3/4		3/4	
1	65,708	1	54,303	1	42,898	1	31,553	1	20,182	1	8,777	1		1		1		1	
1/4	65,471	1/4	54,066	1/4	42,660	1/4	31,317	1/4	19,945	1/4	8,540	1/4		1/4		1/4		1/4	
1/2	65,233	1/2	53,828	1/2	42,423	1/2	31,082	1/2	19,707	1/2	8,302	1/2		1/2		1/2		1/2	
3/4	64,996	3/4	53,590	3/4	42,185	3/4	30,846	3/4	19,469	3/4	8,065	3/4		3/4		3/4		3/4	
2	64,758	2	53,353	2	41,948	2	30,611	2	19,232	2	7,827	2		2		2		2	
1/4	64,520	1/4	53,115	1/4	41,710	1/4	30,375	1/4	18,994	1/4	7,589	1/4		1/4		1/4		1/4	
1/2	64,283	1/2	52,878	1/2	41,472	1/2	30,140	1/2	18,757	1/2	7,352	1/2		1/2		1/2		1/2	
3/4	64,045	3/4	52,640	3/4	41,235	3/4	29,905	3/4	18,519	3/4	7,114	3/4		3/4		3/4		3/4	
3	63,808	3	52,402	3	40,997	3	29,669	3	18,281	3	6,877	3		3		3		3	
1/4	63,570	1/4	52,165	1/4	40,760	1/4	29,434	1/4	18,044	1/4	6,639	1/4		1/4		1/4		1/4	
1/2	63,332	1/2	51,927	1/2	40,522	1/2	29,198	1/2	17,806	1/2	6,402	1/2		1/2		1/2		1/2	
3/4	63,095	3/4	51,690	3/4	40,284	3/4	28,963	3/4	17,569	3/4	6,164	3/4		3/4		3/4		3/4	
4	62,857	4	51,452	4	40,047	4	28,727	4	17,331	4	5,927	4		4		4		4	
1/4	62,619	1/4	51,214	1/4	39,810	1/4	28,491	1/4	17,093	1/4	5,690	1/4		1/4		1/4		1/4	
1/2	62,382	1/2	50,977	1/2	39,573	1/2	28,254	1/2	16,856	1/2	5,452	1/2		1/2		1/2		1/2	
3/4	62,144	3/4	50,739	3/4	39,337	3/4	28,018	3/4	16,618	3/4	5,215	3/4		3/4		3/4		3/4	
5	61,907	5	50,501	5	39,100	5	27,782	5	16,381	5	4,978	5		5		5		5	
1/4	61,669	1/4	50,264	1/4	38,864	1/4	27,545	1/4	16,143	1/4	4,741	1/4		1/4		1/4		1/4	
1/2	61,431	1/2	50,026	1/2	38,627	1/2	27,308	1/2	15,905	1/2	4,504	1/2		1/2		1/2		1/2	
3/4	61,194	3/4	49,789	3/4	38,391	3/4	27,071	3/4	15,668	3/4	4,267	3/4		3/4		3/4		3/4	
6	60,956	6	49,551	6	38,155	6	26,834	6	15,430	6	4,031	6		6		6		6	
1/4	60,719	1/4	49,313	1/4	37,918	1/4	26,597	1/4	15,193	1/4	3,794	1/4		1/4		1/4		1/4	
1/2	60,481	1/2	49,076	1/2	37,682	1/2	26,359	1/2	14,955	1/2	3,558	1/2		1/2		1/2		1/2	
3/4	60,243	3/4	48,838	3/4	37,445	3/4	26,122	3/4	14,717	3/4	3,322	3/4		3/4		3/4		3/4	
7	60,006	7	48,601	7	37,209	7	25,885	7	14,480	7	3,086	7		7		7		7	
1/4	59,768	1/4	48,363	1/4	36,973	1/4	25,647	1/4	14,242	1/4	2,851	1/4		1/4		1/4		1/4	
1/2	59,531	1/2	48,125	1/2	36,736	1/2	25,409	1/2	14,005	1/2	2,616	1/2		1/2		1/2		1/2	
3/4	59,293	3/4	47,888	3/4	36,500	3/4	25,172	3/4	13,767	3/4	2,381	3/4		3/4		3/4		3/4	
8	59,055	8	47,650	8	36,264	8	24,934	8	13,529	8	2,146	8		8		8		8	
1/4	58,818	1/4	47,413	1/4	36,028	1/4	24,697	1/4	13,292	1/4	1,932	1/4		1/4		1/4		1/4	
1/2	58,580	1/2	47,175	1/2	35,792	1/2	24,459	1/2	13,054	1/2	1,717	1/2		1/2		1/2		1/2	
3/4	58,343	3/4	46,937	3/4	35,556	3/4	24,221	3/4	12,817	3/4	1,503	3/4		3/4		3/4		3/4	
9	58,105	9	46,700	9	35,320	9	23,984	9	12,579	9	1,288	9		9		9		9	
1/4	57,867	1/4	46,462	1/4	35,085	1/4	23,746	1/4	12,341	1/4	1,125	1/4		1/4		1/4		1/4	
1/2	57,630	1/2	46,225	1/2	34,849	1/2	23,509	1/2	12,104	1/2	962	1/2		1/2		1/2		1/2	
3/4	57,392	3/4	45,987	3/4	34,614	3/4	23,271	3/4	11,866	3/4	799	3/4		3/4		3/4		3/4	
10	57,154	10	45,749	10	34,378	10	23,033	10	11,629	10	635	10		10		10		10	
1/4	56,917	1/4	45,512	1/4	34,143	1/4	22,796	1/4	11,391	1/4		1/4		1/4		1/4		1/4	
1/2	56,679	1/2	45,274	1/2	33,907	1/2	22,558	1/2	11,153	1/2		1/2		1/2		1/2		1/2	
3/4	56,442	3/4	45,036	3/4	33,672	3/4	22,321	3/4	10,916	3/4		3/4		3/4		3/4		3/4	
11	56,204	11	44,799	11	33,436	11	22,083	11	10,678	11		11		11		11		11	
1/4	55,966	1/4	44,561	1/4	33,201	1/4	21,845	1/4	10,441	1/4		1/4		1/4		1/4		1/4	
1/2	55,729	1/2	44,324	1/2	32,965	1/2	21,608	1/2	10,203	1/2		1/2		1/2		1/2		1/2	
3/4	55,491	3/4	44,086	3/4	32,730	3/4	21,370	3/4	9,965	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/08/2009 CL - SW
CALCULATED: 04/09/2009 CL
REPRINTED: 07/26/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

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