



BARGE "MPC 305"

INNAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 134'-00"

July 26, 2014

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

<http://www.pmacorp.net>



BARGE "MPC 305"

SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "HFL 305"

GAUGE HEIGHT 4'-11"

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	959	0	1,919	0	2,878	0		0		0		0		0		0	
1/4	20	1/4	979	1/4	1,939	1/4	2,898	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	40	1/2	999	1/2	1,959	1/2	2,918	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	60	3/4	1,019	3/4	1,979	3/4	2,938	3/4		3/4		3/4		3/4		3/4		3/4	
1	80	1	1,039	1	1,999	1	2,958	1		1		1		1		1		1	
1/4	100	1/4	1,059	1/4	2,019	1/4	2,978	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120	1/2	1,079	1/2	2,039	1/2	2,998	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	140	3/4	1,099	3/4	2,059	3/4	3,018	3/4		3/4		3/4		3/4		3/4		3/4	
2	160	2	1,119	2	2,079	2	3,038	2		2		2		2		2		2	
1/4	180	1/4	1,139	1/4	2,099	1/4	3,058	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	200	1/2	1,159	1/2	2,118	1/2	3,078	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	220	3/4	1,179	3/4	2,138	3/4	3,098	3/4		3/4		3/4		3/4		3/4		3/4	
3	240	3	1,199	3	2,158	3	3,118	3		3		3		3		3		3	
1/4	260	1/4	1,219	1/4	2,178	1/4	3,138	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	280	1/2	1,239	1/2	2,198	1/2	3,158	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	300	3/4	1,259	3/4	2,218	3/4	3,168	3/4		3/4		3/4		3/4		3/4		3/4	
4	320	4	1,279	4	2,238	4	3,188	4		4		4		4		4		4	
1/4	340	1/4	1,299	1/4	2,258	1/4	3,194	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	360	1/2	1,319	1/2	2,278	1/2	3,204	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	380	3/4	1,339	3/4	2,298	3/4	3,214	3/4		3/4		3/4		3/4		3/4		3/4	
5	400	5	1,359	5	2,318	5	3,224	5		5		5		5		5		5	
1/4	420	1/4	1,379	1/4	2,338	1/4	3,228	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	440	1/2	1,399	1/2	2,358	1/2	3,231	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	460	3/4	1,419	3/4	2,378	3/4	3,234	3/4		3/4		3/4		3/4		3/4		3/4	
6	480	6	1,439	6	2,398	6	3,238	6		6		6		6		6		6	
1/4	500	1/4	1,459	1/4	2,418	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	520	1/2	1,479	1/2	2,438	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	540	3/4	1,499	3/4	2,458	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	560	7	1,519	7	2,478	7		7		7		7		7		7		7	
1/4	580	1/4	1,539	1/4	2,498	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	600	1/2	1,559	1/2	2,518	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	620	3/4	1,579	3/4	2,538	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	640	8	1,599	8	2,558	8		8		8		8		8		8		8	
1/4	660	1/4	1,619	1/4	2,578	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	680	1/2	1,639	1/2	2,598	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	700	3/4	1,659	3/4	2,618	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	719	9	1,679	9	2,638	9		9		9		9		9		9		9	
1/4	739	1/4	1,699	1/4	2,658	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	759	1/2	1,719	1/2	2,678	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	779	3/4	1,739	3/4	2,698	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	799	10	1,759	10	2,718	10		10		10		10		10		10		10	
1/4	819	1/4	1,779	1/4	2,738	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	839	1/2	1,799	1/2	2,758	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	859	3/4	1,819	3/4	2,778	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	879	11	1,839	11	2,798	11		11		11		11		11		11		11	
1/4	899	1/4	1,859	1/4	2,818	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	919	1/2	1,879	1/2	2,838	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	939	3/4	1,899	3/4	2,858	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 INNAG GAUGES TAKENT 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
& ANALYSIS, INC.
P. O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "MPC 305"

2 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "HFL 305"

GAUGE HEIGHT 15'-10"

Table with 18 columns representing gauge heights from 0 FT to 9 FT in 1/4 FT increments. Each cell contains capacity values for different gauge heights. The table is organized into 18 rows corresponding to gauge heights from 0 to 9 feet, with each row containing 18 data points.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TOP THREADS OF "MMC" GAUGE POINT.
GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 36'-03" FORWARD OF AFT BULKHEAD.

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 INNAGE 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	112,546	0	120,548	0	128,112	0	135,673	0	144,411	0		0		0		0		0	
1/4	112,714	1/4	120,706	1/4	128,269	1/4	135,830	1/4	144,632	1/4		1/4		1/4		1/4		1/4	
1/2	112,882	1/2	120,864	1/2	128,427	1/2	135,988	1/2	144,854	1/2		1/2		1/2		1/2		1/2	
3/4	113,049	3/4	121,022	3/4	128,584	3/4	136,145	3/4	145,076	3/4		3/4		3/4		3/4		3/4	
1	113,217	1	121,181	1	128,742	1	136,303	1	145,298	1		1		1		1		1	
1/4	113,385	1/4	121,338	1/4	128,899	1/4	136,461	1/4	145,497	1/4		1/4		1/4		1/4		1/4	
1/2	113,552	1/2	121,496	1/2	129,057	1/2	136,618	1/2	145,696	1/2		1/2		1/2		1/2		1/2	
3/4	113,720	3/4	121,653	3/4	129,214	3/4	136,776	3/4	145,895	3/4		3/4		3/4		3/4		3/4	
2	113,888	2	121,811	2	129,372	2	136,933	2	146,094	2		2		2		2		2	
1/4	114,055	1/4	121,968	1/4	129,529	1/4	137,090	1/4	146,252	1/4		1/4		1/4		1/4		1/4	
1/2	114,223	1/2	122,126	1/2	129,687	1/2	137,248	1/2	146,411	1/2		1/2		1/2		1/2		1/2	
3/4	114,391	3/4	122,283	3/4	129,844	3/4	137,405	3/4	146,570	3/4		3/4		3/4		3/4		3/4	
3	114,558	3	122,441	3	130,002	3	137,562	3	146,729	3		3		3		3		3	
1/4	114,726	1/4	122,598	1/4	130,159	1/4	137,718	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,894	1/2	122,756	1/2	130,317	1/2	137,874	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,061	3/4	122,913	3/4	130,475	3/4	138,031	3/4		3/4		3/4		3/4		3/4		3/4	
4	115,229	4	123,071	4	130,632	4	138,187	4		4		4		4		4		4	
1/4	115,397	1/4	123,228	1/4	130,790	1/4	138,343	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,564	1/2	123,386	1/2	130,947	1/2	138,500	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,732	3/4	123,543	3/4	131,105	3/4	138,656	3/4		3/4		3/4		3/4		3/4		3/4	
5	115,900	5	123,701	5	131,262	5	138,812	5		5		5		5		5		5	
1/4	116,067	1/4	123,858	1/4	131,420	1/4	138,968	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	116,235	1/2	124,016	1/2	131,577	1/2	139,125	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	116,403	3/4	124,174	3/4	131,735	3/4	139,281	3/4		3/4		3/4		3/4		3/4		3/4	
6	116,570	6	124,331	6	131,892	6	139,437	6		6		6		6		6		6	
1/4	116,738	1/4	124,489	1/4	132,050	1/4	139,594	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	116,906	1/2	124,646	1/2	132,207	1/2	139,750	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117,073	3/4	124,804	3/4	132,365	3/4	139,906	3/4		3/4		3/4		3/4		3/4		3/4	
7	117,241	7	124,961	7	132,522	7	140,062	7		7		7		7		7		7	
1/4	117,409	1/4	125,119	1/4	132,680	1/4	140,237	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	117,576	1/2	125,276	1/2	132,837	1/2	140,411	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117,744	3/4	125,434	3/4	132,995	3/4	140,586	3/4		3/4		3/4		3/4		3/4		3/4	
8	117,912	8	125,591	8	133,152	8	140,760	8		8		8		8		8		8	
1/4	118,079	1/4	125,749	1/4	133,310	1/4	140,989	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,247	1/2	125,906	1/2	133,468	1/2	141,218	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,415	3/4	126,064	3/4	133,625	3/4	141,447	3/4		3/4		3/4		3/4		3/4		3/4	
9	118,582	9	126,221	9	133,783	9	141,675	9		9		9		9		9		9	
1/4	118,750	1/4	126,379	1/4	133,940	1/4	141,904	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,918	1/2	126,536	1/2	134,098	1/2	142,133	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,085	3/4	126,694	3/4	134,255	3/4	142,361	3/4		3/4		3/4		3/4		3/4		3/4	
10	119,253	10	126,851	10	134,413	10	142,590	10		10		10		10		10		10	
1/4	119,418	1/4	127,009	1/4	134,570	1/4	142,818	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,584	1/2	127,166	1/2	134,728	1/2	143,046	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,749	3/4	127,324	3/4	134,885	3/4	143,274	3/4		3/4		3/4		3/4		3/4		3/4	
11	119,914	11	127,482	11	135,043	11	143,502	11		11		11		11		11		11	
1/4	120,073	1/4	127,639	1/4	135,200	1/4	143,729	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,231	1/2	127,797	1/2	135,358	1/2	143,956	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,389	3/4	127,954	3/4	135,515	3/4	144,183	3/4		3/4		3/4		3/4		3/4		3/4	

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

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 PORT INNAGE 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	111,808	0	119,788	0	127,352	0	134,913	0	143,651	0		0		0		0		0	
1/4	111,975	1/4	119,946	1/4	127,509	1/4	135,071	1/4	143,873	1/4		1/4		1/4		1/4		1/4	
1/2	112,142	1/2	120,104	1/2	127,667	1/2	135,228	1/2	144,094	1/2		1/2		1/2		1/2		1/2	
3/4	112,310	3/4	120,263	3/4	127,824	3/4	135,386	3/4	144,316	3/4		3/4		3/4		3/4		3/4	
1	112,477	1	120,421	1	127,982	1	135,543	1	144,538	1		1		1		1		1	
1/4	112,644	1/4	120,578	1/4	128,139	1/4	135,701	1/4	144,737	1/4		1/4		1/4		1/4		1/4	
1/2	112,811	1/2	120,736	1/2	128,297	1/2	135,858	1/2	144,936	1/2		1/2		1/2		1/2		1/2	
3/4	112,978	3/4	120,893	3/4	128,455	3/4	136,016	3/4	145,135	3/4		3/4		3/4		3/4		3/4	
2	113,145	2	121,051	2	128,612	2	136,173	2	145,334	2		2		2		2		2	
1/4	113,312	1/4	121,208	1/4	128,770	1/4	136,331	1/4	145,493	1/4		1/4		1/4		1/4		1/4	
1/2	113,479	1/2	121,366	1/2	128,927	1/2	136,488	1/2	145,652	1/2		1/2		1/2		1/2		1/2	
3/4	113,646	3/4	121,523	3/4	129,085	3/4	136,645	3/4	145,811	3/4		3/4		3/4		3/4		3/4	
3	113,813	3	121,681	3	129,242	3	136,802	3	145,970	3		3		3		3		3	
1/4	113,981	1/4	121,838	1/4	129,400	1/4	136,958	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,148	1/2	121,996	1/2	129,557	1/2	137,115	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,315	3/4	122,154	3/4	129,715	3/4	137,271	3/4		3/4		3/4		3/4		3/4		3/4	
4	114,482	4	122,311	4	129,872	4	137,427	4		4		4		4		4		4	
1/4	114,649	1/4	122,469	1/4	130,030	1/4	137,584	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,816	1/2	122,626	1/2	130,187	1/2	137,740	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,983	3/4	122,784	3/4	130,345	3/4	137,896	3/4		3/4		3/4		3/4		3/4		3/4	
5	115,150	5	122,941	5	130,502	5	138,052	5		5		5		5		5		5	
1/4	115,317	1/4	123,099	1/4	130,660	1/4	138,209	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,485	1/2	123,256	1/2	130,817	1/2	138,365	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,652	3/4	123,414	3/4	130,975	3/4	138,521	3/4		3/4		3/4		3/4		3/4		3/4	
6	115,819	6	123,571	6	131,132	6	138,678	6		6		6		6		6		6	
1/4	115,986	1/4	123,729	1/4	131,290	1/4	138,834	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	116,153	1/2	123,886	1/2	131,448	1/2	138,990	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	116,320	3/4	124,044	3/4	131,605	3/4	139,146	3/4		3/4		3/4		3/4		3/4		3/4	
7	116,487	7	124,201	7	131,763	7	139,303	7		7		7		7		7		7	
1/4	116,654	1/4	124,359	1/4	131,920	1/4	139,477	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	116,821	1/2	124,516	1/2	132,078	1/2	139,651	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	116,989	3/4	124,674	3/4	132,235	3/4	139,826	3/4		3/4		3/4		3/4		3/4		3/4	
8	117,156	8	124,831	8	132,393	8	140,000	8		8		8		8		8		8	
1/4	117,323	1/4	124,989	1/4	132,550	1/4	140,229	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	117,490	1/2	125,146	1/2	132,708	1/2	140,458	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117,657	3/4	125,304	3/4	132,865	3/4	140,687	3/4		3/4		3/4		3/4		3/4		3/4	
9	117,824	9	125,462	9	133,023	9	140,916	9		9		9		9		9		9	
1/4	117,991	1/4	125,619	1/4	133,180	1/4	141,144	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,159	1/2	125,777	1/2	133,338	1/2	141,373	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,326	3/4	125,934	3/4	133,495	3/4	141,601	3/4		3/4		3/4		3/4		3/4		3/4	
10	118,493	10	126,092	10	133,653	10	141,830	10		10		10		10		10		10	
1/4	118,658	1/4	126,249	1/4	133,810	1/4	142,058	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,824	1/2	126,407	1/2	133,968	1/2	142,286	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,989	3/4	126,564	3/4	134,125	3/4	142,514	3/4		3/4		3/4		3/4		3/4		3/4	
11	119,154	11	126,722	11	134,283	11	142,742	11		11		11		11		11		11	
1/4	119,313	1/4	126,879	1/4	134,441	1/4	142,969	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,471	1/2	127,037	1/2	134,598	1/2	143,196	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,630	3/4	127,194	3/4	134,756	3/4	143,424	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

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



BARGE "MPC 305"

**1 STBD
INNAGE 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	114,241	0	125,640	0	136,979	0	148,316	0	159,573	0		0		0		0		0	
1/4	114,478	1/4	125,877	1/4	137,216	1/4	148,552	1/4	159,800	1/4		1/4		1/4		1/4		1/4	
1/2	114,716	1/2	126,114	1/2	137,452	1/2	148,788	1/2	160,028	1/2		1/2		1/2		1/2		1/2	
3/4	114,953	3/4	126,351	3/4	137,688	3/4	149,024	3/4	160,255	3/4		3/4		3/4		3/4		3/4	
1	115,191	1	126,588	1	137,924	1	149,260	1	160,482	1		1		1		1		1	
1/4	115,428	1/4	126,824	1/4	138,160	1/4	149,496	1/4	160,687	1/4		1/4		1/4		1/4		1/4	
1/2	115,666	1/2	127,060	1/2	138,396	1/2	149,733	1/2	160,892	1/2		1/2		1/2		1/2		1/2	
3/4	115,903	3/4	127,297	3/4	138,633	3/4	149,969	3/4	161,096	3/4		3/4		3/4		3/4		3/4	
2	116,141	2	127,533	2	138,869	2	150,205	2	161,301	2		2		2		2		2	
1/4	116,378	1/4	127,769	1/4	139,105	1/4	150,441	1/4	161,466	1/4		1/4		1/4		1/4		1/4	
1/2	116,616	1/2	128,005	1/2	139,341	1/2	150,676	1/2	161,632	1/2		1/2		1/2		1/2		1/2	
3/4	116,853	3/4	128,241	3/4	139,577	3/4	150,912	3/4	161,797	3/4		3/4		3/4		3/4		3/4	
3	117,091	3	128,477	3	139,813	3	151,148	3	161,962	3		3		3		3		3	
1/4	117,328	1/4	128,714	1/4	140,050	1/4	151,382	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	117,566	1/2	128,950	1/2	140,286	1/2	151,617	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117,803	3/4	129,186	3/4	140,522	3/4	151,851	3/4		3/4		3/4		3/4		3/4		3/4	
4	118,040	4	129,422	4	140,758	4	152,085	4		4		4		4		4		4	
1/4	118,278	1/4	129,658	1/4	140,994	1/4	152,320	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,515	1/2	129,894	1/2	141,230	1/2	152,554	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,753	3/4	130,131	3/4	141,467	3/4	152,789	3/4		3/4		3/4		3/4		3/4		3/4	
5	118,990	5	130,367	5	141,703	5	153,023	5		5		5		5		5		5	
1/4	119,228	1/4	130,603	1/4	141,939	1/4	153,257	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,465	1/2	130,839	1/2	142,175	1/2	153,492	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,703	3/4	131,075	3/4	142,411	3/4	153,726	3/4		3/4		3/4		3/4		3/4		3/4	
6	119,940	6	131,311	6	142,647	6	153,961	6		6		6		6		6		6	
1/4	120,178	1/4	131,548	1/4	142,884	1/4	154,195	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,415	1/2	131,784	1/2	143,120	1/2	154,429	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,653	3/4	132,020	3/4	143,356	3/4	154,664	3/4		3/4		3/4		3/4		3/4		3/4	
7	120,890	7	132,256	7	143,592	7	154,898	7		7		7		7		7		7	
1/4	121,128	1/4	132,492	1/4	143,828	1/4	155,133	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,365	1/2	132,728	1/2	144,064	1/2	155,367	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,603	3/4	132,965	3/4	144,301	3/4	155,601	3/4		3/4		3/4		3/4		3/4		3/4	
8	121,840	8	133,201	8	144,537	8	155,836	8		8		8		8		8		8	
1/4	122,077	1/4	133,437	1/4	144,773	1/4	156,070	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,315	1/2	133,673	1/2	145,009	1/2	156,304	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,552	3/4	133,909	3/4	145,245	3/4	156,538	3/4		3/4		3/4		3/4		3/4		3/4	
9	122,790	9	134,145	9	145,481	9	156,773	9		9		9		9		9		9	
1/4	123,027	1/4	134,382	1/4	145,718	1/4	157,007	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,265	1/2	134,618	1/2	145,954	1/2	157,241	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,502	3/4	134,854	3/4	146,190	3/4	157,475	3/4		3/4		3/4		3/4		3/4		3/4	
10	123,740	10	135,090	10	146,426	10	157,709	10		10		10		10		10		10	
1/4	123,977	1/4	135,326	1/4	146,662	1/4	157,942	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	124,215	1/2	135,562	1/2	146,899	1/2	158,176	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,452	3/4	135,799	3/4	147,135	3/4	158,409	3/4		3/4		3/4		3/4		3/4		3/4	
11	124,690	11	136,035	11	147,371	11	158,643	11		11		11		11		11		11	
1/4	124,927	1/4	136,271	1/4	147,607	1/4	158,875	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	125,165	1/2	136,507	1/2	147,843	1/2	159,108	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	125,402	3/4	136,743	3/4	148,079	3/4	159,340	3/4		3/4		3/4		3/4		3/4		3/4	

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

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 INNAGE 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	114,166	0	125,564	0	136,904	0	148,240	0	159,498	0		0		0		0		0	
1/4	114,403	1/4	125,801	1/4	137,140	1/4	148,476	1/4	159,725	1/4		1/4		1/4		1/4		1/4	
1/2	114,640	1/2	126,038	1/2	137,376	1/2	148,712	1/2	159,952	1/2		1/2		1/2		1/2		1/2	
3/4	114,878	3/4	126,276	3/4	137,613	3/4	148,949	3/4	160,180	3/4		3/4		3/4		3/4		3/4	
1	115,115	1	126,513	1	137,849	1	149,185	1	160,407	1		1		1		1		1	
1/4	115,353	1/4	126,749	1/4	138,085	1/4	149,421	1/4	160,612	1/4		1/4		1/4		1/4		1/4	
1/2	115,590	1/2	126,985	1/2	138,321	1/2	149,657	1/2	160,816	1/2		1/2		1/2		1/2		1/2	
3/4	115,828	3/4	127,221	3/4	138,557	3/4	149,893	3/4	161,021	3/4		3/4		3/4		3/4		3/4	
2	116,065	2	127,457	2	138,793	2	150,129	2	161,226	2		2		2		2		2	
1/4	116,303	1/4	127,694	1/4	139,030	1/4	150,365	1/4	161,391	1/4		1/4		1/4		1/4		1/4	
1/2	116,540	1/2	127,930	1/2	139,266	1/2	150,601	1/2	161,556	1/2		1/2		1/2		1/2		1/2	
3/4	116,778	3/4	128,166	3/4	139,502	3/4	150,837	3/4	161,721	3/4		3/4		3/4		3/4		3/4	
3	117,015	3	128,402	3	139,738	3	151,072	3	161,887	3		3		3		3		3	
1/4	117,253	1/4	128,638	1/4	139,974	1/4	151,307	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	117,490	1/2	128,874	1/2	140,210	1/2	151,541	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117,728	3/4	129,111	3/4	140,447	3/4	151,776	3/4		3/4		3/4		3/4		3/4		3/4	
4	117,965	4	129,347	4	140,683	4	152,010	4		4		4		4		4		4	
1/4	118,203	1/4	129,583	1/4	140,919	1/4	152,244	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,440	1/2	129,819	1/2	141,155	1/2	152,479	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,677	3/4	130,055	3/4	141,391	3/4	152,713	3/4		3/4		3/4		3/4		3/4		3/4	
5	118,915	5	130,291	5	141,627	5	152,948	5		5		5		5		5		5	
1/4	119,152	1/4	130,528	1/4	141,864	1/4	153,182	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,390	1/2	130,764	1/2	142,100	1/2	153,416	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,627	3/4	131,000	3/4	142,336	3/4	153,651	3/4		3/4		3/4		3/4		3/4		3/4	
6	119,865	6	131,236	6	142,572	6	153,885	6		6		6		6		6		6	
1/4	120,102	1/4	131,472	1/4	142,808	1/4	154,120	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,340	1/2	131,708	1/2	143,044	1/2	154,354	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,577	3/4	131,945	3/4	143,281	3/4	154,588	3/4		3/4		3/4		3/4		3/4		3/4	
7	120,815	7	132,181	7	143,517	7	154,823	7		7		7		7		7		7	
1/4	121,052	1/4	132,417	1/4	143,753	1/4	155,057	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,290	1/2	132,653	1/2	143,989	1/2	155,292	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,527	3/4	132,889	3/4	144,225	3/4	155,526	3/4		3/4		3/4		3/4		3/4		3/4	
8	121,765	8	133,125	8	144,461	8	155,760	8		8		8		8		8		8	
1/4	122,002	1/4	133,362	1/4	144,698	1/4	155,994	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,240	1/2	133,598	1/2	144,934	1/2	156,229	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,477	3/4	133,834	3/4	145,170	3/4	156,463	3/4		3/4		3/4		3/4		3/4		3/4	
9	122,714	9	134,070	9	145,406	9	156,697	9		9		9		9		9		9	
1/4	122,952	1/4	134,306	1/4	145,642	1/4	156,931	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,189	1/2	134,542	1/2	145,878	1/2	157,165	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,427	3/4	134,779	3/4	146,115	3/4	157,399	3/4		3/4		3/4		3/4		3/4		3/4	
10	123,664	10	135,015	10	146,351	10	157,633	10		10		10		10		10		10	
1/4	123,902	1/4	135,251	1/4	146,587	1/4	157,867	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	124,139	1/2	135,487	1/2	146,823	1/2	158,100	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,377	3/4	135,723	3/4	147,059	3/4	158,334	3/4		3/4		3/4		3/4		3/4		3/4	
11	124,614	11	135,959	11	147,295	11	158,567	11		11		11		11		11		11	
1/4	124,852	1/4	136,196	1/4	147,532	1/4	158,800	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	125,089	1/2	136,432	1/2	147,768	1/2	159,032	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	125,327	3/4	136,668	3/4	148,004	3/4	159,265	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

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