



BARGE "MPC 301"

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
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<http://www.pmacorp.net>



BARGE "MPC 301"

1 PORT
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "HFL 301"

GAUGE HEIGHT 15'-10 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	636	0	11,634	0	23,044	0	34,395	0	45,771	0	57,182	0	68,593	0	80,003	0	91,412	0	102,816
1/4	799	1/4	11,872	1/4	23,282	1/4	34,639	1/4	46,009	1/4	57,420	1/4	68,830	1/4	80,241	1/4	91,650	1/4	103,054
1/2	962	1/2	12,110	1/2	23,520	1/2	34,866	1/2	46,247	1/2	57,657	1/2	69,068	1/2	80,479	1/2	91,887	1/2	103,291
3/4	1,126	3/4	12,347	3/4	23,758	3/4	35,102	3/4	46,484	3/4	57,895	3/4	69,306	3/4	80,716	3/4	92,125	3/4	103,529
1	1,289	1	12,585	1	23,995	1	35,337	1	46,722	1	58,133	1	69,544	1	80,954	1	92,363	1	103,767
1/4	1,504	1/4	12,823	1/4	24,233	1/4	35,573	1/4	46,960	1/4	58,371	1/4	69,781	1/4	81,192	1/4	92,600	1/4	104,004
1/2	1,718	1/2	13,060	1/2	24,471	1/2	35,809	1/2	47,198	1/2	58,608	1/2	70,019	1/2	81,430	1/2	92,838	1/2	104,242
3/4	1,933	3/4	13,298	3/4	24,708	3/4	36,045	3/4	47,435	3/4	58,846	3/4	70,257	3/4	81,667	3/4	93,075	3/4	104,479
2	2,147	2	13,536	2	24,946	2	36,281	2	47,673	2	59,084	2	70,494	2	81,905	2	93,313	2	104,717
1/4	2,362	1/4	13,774	1/4	25,184	1/4	36,518	1/4	47,911	1/4	59,321	1/4	70,732	1/4	82,143	1/4	93,550	1/4	104,955
1/2	2,617	1/2	14,011	1/2	25,422	1/2	36,754	1/2	48,149	1/2	59,559	1/2	70,970	1/2	82,381	1/2	93,788	1/2	105,192
3/4	2,853	3/4	14,249	3/4	25,659	3/4	36,991	3/4	48,386	3/4	59,797	3/4	71,208	3/4	82,618	3/4	94,026	3/4	105,430
3	3,088	3	14,487	3	25,897	3	37,227	3	48,624	3	60,035	3	71,445	3	82,856	3	94,263	3	105,667
1/4	3,324	1/4	14,724	1/4	26,135	1/4	37,463	1/4	48,862	1/4	60,272	1/4	71,683	1/4	83,094	1/4	94,501	1/4	105,905
1/2	3,560	1/2	14,962	1/2	26,372	1/2	37,700	1/2	49,099	1/2	60,510	1/2	71,921	1/2	83,331	1/2	94,738	1/2	106,142
3/4	3,796	3/4	15,200	3/4	26,610	3/4	37,936	3/4	49,337	3/4	60,748	3/4	72,158	3/4	83,569	3/4	94,976	3/4	106,380
4	4,033	4	15,438	4	26,847	4	38,173	4	49,575	4	60,986	4	72,396	4	83,807	4	95,214	4	106,618
1/4	4,269	1/4	15,675	1/4	27,084	1/4	38,409	1/4	49,813	1/4	61,223	1/4	72,634	1/4	84,045	1/4	95,451	1/4	106,855
1/2	4,506	1/2	15,913	1/2	27,321	1/2	38,646	1/2	50,050	1/2	61,461	1/2	72,872	1/2	84,282	1/2	95,689	1/2	107,093
3/4	4,743	3/4	16,151	3/4	27,558	3/4	38,882	3/4	50,288	3/4	61,699	3/4	73,109	3/4	84,520	3/4	95,926	3/4	107,330
5	4,980	5	16,388	5	27,795	5	39,119	5	50,526	5	61,936	5	73,347	5	84,758	5	96,164	5	107,568
1/4	5,218	1/4	16,626	1/4	28,032	1/4	39,356	1/4	50,763	1/4	62,174	1/4	73,585	1/4	84,995	1/4	96,401	1/4	107,806
1/2	5,455	1/2	16,864	1/2	28,268	1/2	39,592	1/2	51,001	1/2	62,412	1/2	73,823	1/2	85,233	1/2	96,639	1/2	108,043
3/4	5,692	3/4	17,102	3/4	28,505	3/4	39,829	3/4	51,239	3/4	62,650	3/4	74,060	3/4	85,471	3/4	96,877	3/4	108,281
6	5,930	6	17,339	6	28,741	6	40,066	6	51,477	6	62,887	6	74,298	6	85,709	6	97,114	6	108,518
1/4	6,167	1/4	17,577	1/4	28,977	1/4	40,304	1/4	51,714	1/4	63,125	1/4	74,536	1/4	85,946	1/4	97,352	1/4	108,756
1/2	6,405	1/2	17,815	1/2	29,212	1/2	40,541	1/2	51,952	1/2	63,363	1/2	74,773	1/2	86,184	1/2	97,589	1/2	108,994
3/4	6,642	3/4	18,052	3/4	29,448	3/4	40,779	3/4	52,190	3/4	63,600	3/4	75,011	3/4	86,422	3/4	97,827	3/4	109,231
7	6,880	7	18,290	7	29,683	7	41,017	7	52,428	7	63,838	7	75,249	7	86,660	7	98,065	7	109,469
1/4	7,118	1/4	18,528	1/4	29,919	1/4	41,255	1/4	52,665	1/4	64,076	1/4	75,487	1/4	86,897	1/4	98,302	1/4	109,706
1/2	7,355	1/2	18,766	1/2	30,154	1/2	41,492	1/2	52,903	1/2	64,314	1/2	75,724	1/2	87,135	1/2	98,540	1/2	109,944
3/4	7,593	3/4	19,003	3/4	30,390	3/4	41,730	3/4	53,141	3/4	64,551	3/4	75,962	3/4	87,373	3/4	98,777	3/4	110,181
8	7,831	8	19,241	8	30,626	8	41,968	8	53,378	8	64,789	8	76,200	8	87,610	8	99,015	8	110,419
1/4	8,069	1/4	19,479	1/4	30,861	1/4	42,205	1/4	53,616	1/4	65,027	1/4	76,437	1/4	87,848	1/4	99,253	1/4	110,657
1/2	8,306	1/2	19,716	1/2	31,097	1/2	42,443	1/2	53,854	1/2	65,265	1/2	76,675	1/2	88,086	1/2	99,490	1/2	110,894
3/4	8,544	3/4	19,954	3/4	31,332	3/4	42,681	3/4	54,092	3/4	65,502	3/4	76,913	3/4	88,323	3/4	99,728	3/4	111,132
9	8,782	9	20,192	9	31,568	9	42,919	9	54,329	9	65,740	9	77,151	9	88,561	9	99,965	9	111,369
1/4	9,019	1/4	20,430	1/4	31,803	1/4	43,156	1/4	54,567	1/4	65,978	1/4	77,388	1/4	88,799	1/4	100,203	1/4	111,607
1/2	9,257	1/2	20,667	1/2	32,039	1/2	43,394	1/2	54,805	1/2	66,215	1/2	77,626	1/2	89,036	1/2	100,440	1/2	111,845
3/4	9,495	3/4	20,905	3/4	32,275	3/4	43,632	3/4	55,042	3/4	66,453	3/4	77,864	3/4	89,274	3/4	100,678	3/4	112,082
10	9,733	10	21,143	10	32,510	10	43,870	10	55,280	10	66,691	10	78,102	10	89,511	10	100,916	10	112,320
1/4	9,970	1/4	21,380	1/4	32,746	1/4	44,107	1/4	55,518	1/4	66,929	1/4	78,339	1/4	89,749	1/4	101,153	1/4	112,557
1/2	10,208	1/2	21,618	1/2	32,981	1/2	44,345	1/2	55,756	1/2	67,166	1/2	78,577	1/2	89,987	1/2	101,391	1/2	112,795
3/4	10,446	3/4	21,856	3/4	33,217	3/4	44,583	3/4	55,993	3/4	67,404	3/4	78,815	3/4	90,224	3/4	101,628	3/4	113,032
11	10,683	11	22,094	11	33,452	11	44,820	11	56,231	11	67,642	11	79,052	11	90,462	11	101,866	11	113,270
1/4	10,921	1/4	22,331	1/4	33,688	1/4	45,058	1/4	56,469	1/4	68,117	1/4	79,290	1/4	90,699	1/4	102,104	1/4	113,508
1/2	11,159	1/2	22,569	1/2	33,924	1/2	45,296	1/2	56,707	1/2	68,355	1/2	79,528	1/2	90,937	1/2	102,341	1/2	113,745
3/4	11,396	3/4	22,807	3/4	34,159	3/4	45,534	3/4	56,944	3/4	68,593	3/4	79,766	3/4	91,175	3/4	102,579	3/4	113,983

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPM CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE ONLY APPLIES 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 30'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT

& ANALYSIS, INC.

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Portland, Texas 77588

http://www.pma-inc.net



BARGE "MPC 301"

1 PORT
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS																				FORMERLY "HFL 301"										GAUGE HEIGHT 15'-10 1/4"									
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	114,220	0	125,625	0	136,970	0	148,311	0	159,574	0		0		0																									
1/4	114,458	1/4	125,862	1/4	137,206	1/4	148,548	1/4	159,802	1/4					1/4	1/4	1/4	1/4	0																				
1/2	114,696	1/2	126,099	1/2	137,442	1/2	148,784	1/2	160,029	1/2					1/2	1/2	1/2	1/2	1/2																				
3/4	114,933	3/4	126,336	3/4	137,679	3/4	149,020	3/4	160,257	3/4					3/4	3/4	3/4	3/4	3/4																				
1	115,171	1	126,574	1	137,915	1	149,257	1	160,484	1					1	1	1	1	1																				
1 1/4	115,408	1 1/4	126,810	1 1/4	138,151	1 1/4	149,493	1 1/4	160,689	1 1/4					1 1/4	1 1/4	1 1/4	1 1/4	1 1/4																				
1 1/2	115,646	1 1/2	127,046	1 1/2	138,388	1 1/2	149,729	1 1/2	160,894	1 1/2					1 1/2	1 1/2	1 1/2	1 1/2	1 1/2																				
3/4	115,884	3/4	127,282	3/4	138,624	3/4	149,965	3/4	161,099	3/4					3/4	3/4	3/4	3/4	3/4																				
2	116,121	2	127,519	2	138,860	2	150,202	2	161,303	2					2	2	2	2	2																				
1 1/4	116,359	1 1/4	127,755	1 1/4	139,096	1 1/4	150,438	1 1/4	161,469	1 1/4					1 1/4	1 1/4	1 1/4	1 1/4	1 1/4																				
1 1/2	116,596	1 1/2	127,991	1 1/2	139,333	1 1/2	150,673	1 1/2	161,634	1 1/2					1 1/2	1 1/2	1 1/2	1 1/2	1 1/2																				
3/4	116,834	3/4	128,228	3/4	139,569	3/4	150,909	3/4	161,799	3/4					3/4	3/4	3/4	3/4	3/4																				
3	117,071	3	128,464	3	139,805	3	151,145	3	161,965	3					3	3	3	3	3																				
1 1/4	117,309	1 1/4	128,700	1 1/4	140,042	1 1/4	151,380	1 1/4							1 1/4	1 1/4	1 1/4	1 1/4	1 1/4																				
1 1/2	117,547	1 1/2	128,936	1 1/2	140,278	1 1/2	151,614	1 1/2							1 1/2	1 1/2	1 1/2	1 1/2	1 1/2																				
3/4	117,784	3/4	129,173	3/4	140,514	3/4	151,849	3/4							3/4	3/4	3/4	3/4	3/4																				
4	118,022	4	129,409	4	140,750	4	152,083	4							4	4	4	4	4																				
1 1/4	118,259	1 1/4	129,645	1 1/4	140,987	1 1/4	152,318	1 1/4							1 1/4	1 1/4	1 1/4	1 1/4	1 1/4																				
1 1/2	118,497	1 1/2	129,881	1 1/2	141,223	1 1/2	152,552	1 1/2							1 1/2	1 1/2	1 1/2	1 1/2	1 1/2																				
3/4	118,735	3/4	130,118	3/4	141,459	3/4	152,787	3/4							3/4	3/4	3/4	3/4	3/4																				
5	118,972	5	130,354	5	141,696	5	153,021	5							5	5	5	5	5																				
1 1/4	119,210	1 1/4	130,590	1 1/4	141,932	1 1/4	153,256	1 1/4							1 1/4	1 1/4	1 1/4	1 1/4	1 1/4																				
1 1/2	119,447	1 1/2	130,827	1 1/2	142,168	1 1/2	153,490	1 1/2							1 1/2	1 1/2	1 1/2	1 1/2	1 1/2																				
3/4	119,685	3/4	131,063	3/4	142,404	3/4	153,725	3/4							3/4	3/4	3/4	3/4	3/4																				
6	119,922	6	131,299	6	142,641	6	153,959	6							6	6	6	6	6																				
1 1/4	120,160	1 1/4	131,535	1 1/4	142,877	1 1/4	154,194	1 1/4							1 1/4	1 1/4	1 1/4	1 1/4	1 1/4																				
1 1/2	120,398	1 1/2	131,772	1 1/2	143,113	1 1/2	154,428	1 1/2							1 1/2	1 1/2	1 1/2	1 1/2	1 1/2																				
3/4	120,635	3/4	132,008	3/4	143,350	3/4	154,663	3/4							3/4	3/4	3/4	3/4	3/4																				
7	120,873	7	132,244	7	143,586	7	154,897	7							7	7	7	7	7																				
1 1/4	121,110	1 1/4	132,481	1 1/4	143,822	1 1/4	155,132	1 1/4							1 1/4	1 1/4	1 1/4	1 1/4	1 1/4																				
1 1/2	121,348	1 1/2	132,717	1 1/2	144,058	1 1/2	155,366	1 1/2							1 1/2	1 1/2	1 1/2	1 1/2	1 1/2																				
3/4	121,586	3/4	132,953	3/4	144,295	3/4	155,601	3/4							3/4	3/4	3/4	3/4	3/4																				
8	121,823	8	133,189	8	144,531	8	155,835	8							8	8	8	8	8																				
1 1/4	122,061	1 1/4	133,426	1 1/4	144,767	1 1/4	156,070	1 1/4							1 1/4	1 1/4	1 1/4	1 1/4	1 1/4																				
1 1/2	122,298	1 1/2	133,662	1 1/2	145,003	1 1/2	156,304	1 1/2							1 1/2	1 1/2	1 1/2	1 1/2	1 1/2																				
3/4	122,536	3/4	133,898	3/4	145,240	3/4	156,538	3/4							3/4	3/4	3/4	3/4	3/4																				
9	122,773	9	134,135	9	145,476	9	156,773	9							9	9	9	9	9																				
1 1/4	123,011	1 1/4	134,371	1 1/4	145,712	1 1/4	157,007	1 1/4							1 1/4	1 1/4	1 1/4	1 1/4	1 1/4																				
1 1/2	123,249	1 1/2	134,607	1 1/2	145,949	1 1/2	157,241	1 1/2							1 1/2	1 1/2	1 1/2	1 1/2	1 1/2																				
3/4	123,486	3/4	134,843	3/4	146,185	3/4	157,475	3/4							3/4	3/4	3/4	3/4	3/4																				
10	123,724	10	135,080	10	146,421	10	157,709	10							10	10	10	10	10																				
1 1/4	123,961	1 1/4	135,316	1 1/4	146,657	1 1/4	157,943	1 1/4							1 1/4	1 1/4	1 1/4	1 1/4	1 1/4																				
1 1/2	124,199	1 1/2	135,552	1 1/2	146,894	1 1/2	158,176	1 1/2							1 1/2	1 1/2	1 1/2	1 1/2	1 1/2																				
3/4	124,437	3/4	135,789	3/4	147,130	3/4	158,410	3/4							3/4	3/4	3/4	3/4	3/4																				
11	124,674	11	136,025	11	147,366	11	158,643	11							11	11	11	11	11																				
1 1/4	124,912	1 1/4	136,261	1 1/4	147,603	1 1/4	158,876	1 1/4							1 1/4	1 1/4	1 1/4	1 1/4	1 1/4																				
1 1/2	125,149	1 1/2	136,497	1 1/2	147,839	1 1/2	159,109	1 1/2							1 1/2	1 1/2	1 1/2	1 1/2	1 1/2																				
3/4	125,387	3/4	136,734	3/4	148,075	3/4	159,342	3/4							3/4	3/4	3/4	3/4	3/4																				



BARGE "MPC 301"

1 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "HFL 301"

GAUGE HEIGHT 15'-10"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	636	0	11,634	0	23,044	0	34,439	0	45,847	0	57,257	0	68,668	0	80,079	0	91,488	0	102,892
1/4	799	1/4	11,872	1/4	23,282	1/4	34,676	1/4	46,084	1/4	57,495	1/4	68,906	1/4	80,316	1/4	91,725	1/4	103,129
1/2	962	1/2	12,110	1/2	23,520	1/2	34,913	1/2	46,322	1/2	57,733	1/2	69,143	1/2	80,554	1/2	91,963	1/2	103,367
3/4	1,126	3/4	12,347	3/4	23,758	3/4	35,151	3/4	46,560	3/4	57,971	3/4	69,381	3/4	80,792	3/4	92,200	3/4	103,604
1	1,289	1	12,585	1	23,995	1	35,388	1	46,798	1	58,208	1	69,619	1	81,030	1	92,438	1	103,842
1/4	1,504	1/4	12,823	1/4	24,233	1/4	35,625	1/4	47,035	1/4	58,446	1/4	69,857	1/4	81,267	1/4	92,676	1/4	104,080
1/2	1,718	1/2	13,060	1/2	24,471	1/2	35,863	1/2	47,273	1/2	58,684	1/2	70,094	1/2	81,505	1/2	92,913	1/2	104,317
3/4	1,933	3/4	13,298	3/4	24,708	3/4	36,100	3/4	47,511	3/4	58,921	3/4	70,332	3/4	81,743	3/4	93,151	3/4	104,555
2	2,147	2	13,536	2	24,946	2	36,338	2	47,749	2	59,159	2	70,570	2	81,980	2	93,388	2	104,792
1/4	2,382	1/4	13,774	1/4	25,184	1/4	36,576	1/4	47,986	1/4	59,397	1/4	70,808	1/4	82,218	1/4	93,626	1/4	105,030
1/2	2,617	1/2	14,011	1/2	25,422	1/2	36,813	1/2	48,224	1/2	59,635	1/2	71,046	1/2	82,456	1/2	93,863	1/2	105,268
3/4	2,853	3/4	14,249	3/4	25,659	3/4	37,051	3/4	48,462	3/4	59,872	3/4	71,283	3/4	82,694	3/4	94,101	3/4	105,505
3	3,088	3	14,487	3	25,897	3	37,289	3	48,699	3	60,110	3	71,521	3	82,931	3	94,339	3	105,743
1/4	3,324	1/4	14,724	1/4	26,135	1/4	37,526	1/4	48,937	1/4	60,348	1/4	71,758	1/4	83,169	1/4	94,576	1/4	105,980
1/2	3,560	1/2	14,962	1/2	26,372	1/2	37,764	1/2	49,175	1/2	60,585	1/2	71,996	1/2	83,407	1/2	94,814	1/2	106,218
3/4	3,796	3/4	15,200	3/4	26,610	3/4	38,002	3/4	49,413	3/4	60,823	3/4	72,234	3/4	83,645	3/4	95,051	3/4	106,455
4	4,033	4	15,438	4	26,848	4	38,240	4	49,650	4	61,061	4	72,472	4	83,882	4	95,289	4	106,693
1/4	4,269	1/4	15,675	1/4	27,085	1/4	38,477	1/4	49,888	1/4	61,299	1/4	72,709	1/4	84,120	1/4	95,527	1/4	106,931
1/2	4,506	1/2	15,913	1/2	27,322	1/2	38,715	1/2	50,126	1/2	61,536	1/2	72,947	1/2	84,358	1/2	95,764	1/2	107,168
3/4	4,743	3/4	16,151	3/4	27,560	3/4	38,953	3/4	50,363	3/4	61,774	3/4	73,185	3/4	84,595	3/4	96,002	3/4	107,406
5	4,980	5	16,388	5	27,797	5	39,191	5	50,601	5	62,012	5	73,422	5	84,833	5	96,239	5	107,643
1/4	5,218	1/4	16,626	1/4	28,034	1/4	39,428	1/4	50,839	1/4	62,250	1/4	73,660	1/4	85,071	1/4	96,477	1/4	107,881
1/2	5,455	1/2	16,864	1/2	28,271	1/2	39,666	1/2	51,077	1/2	62,487	1/2	73,898	1/2	85,309	1/2	96,714	1/2	108,119
3/4	5,692	3/4	17,102	3/4	28,509	3/4	39,904	3/4	51,314	3/4	62,725	3/4	74,136	3/4	85,546	3/4	96,952	3/4	108,356
6	5,930	6	17,339	6	28,746	6	40,141	6	51,552	6	62,963	6	74,373	6	85,784	6	97,190	6	108,594
1/4	6,167	1/4	17,577	1/4	28,983	1/4	40,379	1/4	51,790	1/4	63,200	1/4	74,611	1/4	86,022	1/4	97,427	1/4	108,831
1/2	6,405	1/2	17,815	1/2	29,220	1/2	40,617	1/2	52,028	1/2	63,438	1/2	74,849	1/2	86,259	1/2	97,665	1/2	109,069
3/4	6,642	3/4	18,052	3/4	29,457	3/4	40,855	3/4	52,265	3/4	63,676	3/4	75,087	3/4	86,497	3/4	97,902	3/4	109,307
7	6,880	7	18,290	7	29,695	7	41,092	7	52,503	7	63,914	7	75,324	7	86,735	7	98,140	7	109,544
1/4	7,118	1/4	18,528	1/4	29,932	1/4	41,330	1/4	52,741	1/4	64,151	1/4	75,562	1/4	86,973	1/4	98,378	1/4	109,782
1/2	7,356	1/2	18,766	1/2	30,169	1/2	41,568	1/2	52,978	1/2	64,389	1/2	75,800	1/2	87,210	1/2	98,615	1/2	110,019
3/4	7,593	3/4	19,003	3/4	30,406	3/4	41,805	3/4	53,216	3/4	64,627	3/4	76,037	3/4	87,448	3/4	98,853	3/4	110,257
8	7,831	8	19,241	8	30,643	8	42,043	8	53,454	8	64,864	8	76,275	8	87,686	8	99,090	8	110,494
1/4	8,069	1/4	19,479	1/4	30,881	1/4	42,281	1/4	53,692	1/4	65,102	1/4	76,513	1/4	87,923	1/4	99,328	1/4	110,732
1/2	8,306	1/2	19,716	1/2	31,118	1/2	42,519	1/2	53,929	1/2	65,340	1/2	76,751	1/2	88,161	1/2	99,566	1/2	110,970
3/4	8,544	3/4	19,954	3/4	31,355	3/4	42,756	3/4	54,167	3/4	65,578	3/4	76,988	3/4	88,399	3/4	99,803	3/4	111,207
9	8,782	9	20,192	9	31,592	9	42,994	9	54,405	9	65,815	9	77,226	9	88,637	9	100,041	9	111,445
1/4	9,019	1/4	20,430	1/4	31,830	1/4	43,232	1/4	54,642	1/4	66,053	1/4	77,464	1/4	88,874	1/4	100,278	1/4	111,682
1/2	9,257	1/2	20,667	1/2	32,067	1/2	43,470	1/2	54,880	1/2	66,291	1/2	77,701	1/2	89,112	1/2	100,516	1/2	111,920
3/4	9,495	3/4	20,905	3/4	32,304	3/4	43,707	3/4	55,118	3/4	66,529	3/4	77,939	3/4	89,349	3/4	100,753	3/4	112,158
10	9,733	10	21,143	10	32,541	10	43,945	10	55,356	10	66,766	10	78,177	10	89,587	10	100,991	10	112,395
1/4	9,970	1/4	21,380	1/4	32,778	1/4	44,183	1/4	55,593	1/4	67,004	1/4	78,415	1/4	89,824	1/4	101,229	1/4	112,633
1/2	10,208	1/2	21,618	1/2	33,016	1/2	44,420	1/2	55,831	1/2	67,242	1/2	78,652	1/2	90,062	1/2	101,466	1/2	112,870
3/4	10,446	3/4	21,856	3/4	33,253	3/4	44,658	3/4	56,069	3/4	67,479	3/4	78,890	3/4	90,300	3/4	101,704	3/4	113,108
11	10,683	11	22,094	11	33,490	11	44,896	11	56,306	11	67,717	11	79,128	11	90,537	11	101,941	11	113,345
1/4	10,921	1/4	22,331	1/4	33,727	1/4	45,134	1/4	56,544	1/4	67,955	1/4	79,366	1/4	90,775	1/4	102,179	1/4	113,583
1/2	11,159	1/2	22,569	1/2	33,964	1/2	45,371	1/2	56,782	1/2	68,193	1/2	79,603	1/2	91,012	1/2	102,417	1/2	113,821
3/4	11,396	3/4	22,807	3/4	34,202	3/4	45,609	3/4	57,020	3/4	68,430	3/4	79,841	3/4	91,250	3/4	102,654	3/4	114,058

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH NMPS 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 T HREADS 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

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BARGE "MPC 301"

1 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS										FORMERLY "HFL 301"										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	114,296	0	125,700	0	137,045	0	148,387	0	159,650	0																			
1/4	114,533	1/4	125,937	1/4	137,282	1/4	148,623	1/4	159,877	1/4																			
1/2	114,771	1/2	126,174	1/2	137,518	1/2	148,859	1/2	160,105	1/2																			
3/4	115,009	3/4	126,412	3/4	137,754	3/4	149,096	3/4	160,332	3/4																			
1	115,246	1	126,649	1	137,990	1	149,332	1	160,560	1																			
1/4	115,484	1/4	126,885	1/4	138,227	1/4	149,568	1/4	160,764	1/4																			
1/2	115,721	1/2	127,122	1/2	138,463	1/2	149,805	1/2	160,969	1/2																			
3/4	115,959	3/4	127,358	3/4	138,699	3/4	150,041	3/4	161,174	3/4																			
2	116,197	2	127,594	2	138,936	2	150,277	2	161,379	2																			
1/4	116,434	1/4	127,830	1/4	139,172	1/4	150,513	1/4	161,544	1/4																			
1/2	116,672	1/2	128,067	1/2	139,408	1/2	150,749	1/2	161,709	1/2																			
3/4	116,909	3/4	128,303	3/4	139,644	3/4	150,985	3/4	161,875	3/4																			
3	117,147	3	128,539	3	139,881	3	151,220	3	162,040	3																			
1/4	117,384	1/4	128,776	1/4	140,117	1/4	151,455	1/4		1/4																			
1/2	117,622	1/2	129,012	1/2	140,353	1/2	151,689	1/2		1/2																			
3/4	117,860	3/4	129,248	3/4	140,590	3/4	151,924	3/4		3/4																			
4	118,097	4	129,484	4	140,826	4	152,159	4																					
1/4	118,335	1/4	129,721	1/4	141,062	1/4	152,393	1/4		1/4																			
1/2	118,572	1/2	129,957	1/2	141,298	1/2	152,628	1/2		1/2																			
3/4	118,810	3/4	130,193	3/4	141,535	3/4	152,862	3/4		3/4																			
5	119,048	5	130,429	5	141,771	5	153,097	5																					
1/4	119,285	1/4	130,666	1/4	142,007	1/4	153,331	1/4		1/4																			
1/2	119,523	1/2	130,902	1/2	142,244	1/2	153,566	1/2		1/2																			
3/4	119,760	3/4	131,138	3/4	142,480	3/4	153,800	3/4		3/4																			
6	119,998	6	131,375	6	142,716	6	154,035	6																					
1/4	120,235	1/4	131,611	1/4	142,952	1/4	154,269	1/4		1/4																			
1/2	120,473	1/2	131,847	1/2	143,189	1/2	154,504	1/2		1/2																			
3/4	120,711	3/4	132,083	3/4	143,425	3/4	154,738	3/4		3/4																			
7	120,948	7	132,320	7	143,661	7	154,973	7																					
1/4	121,186	1/4	132,556	1/4	143,897	1/4	155,207	1/4		1/4																			
1/2	121,423	1/2	132,792	1/2	144,134	1/2	155,442	1/2		1/2																			
3/4	121,661	3/4	133,029	3/4	144,370	3/4	155,676	3/4		3/4																			
8	121,899	8	133,265	8	144,606	8	155,911	8																					
1/4	122,136	1/4	133,501	1/4	144,843	1/4	156,145	1/4		1/4																			
1/2	122,374	1/2	133,737	1/2	145,079	1/2	156,379	1/2		1/2																			
3/4	122,611	3/4	133,974	3/4	145,315	3/4	156,614	3/4		3/4																			
9	122,849	9	134,210	9	145,551	9	156,848	9																					
1/4	123,086	1/4	134,446	1/4	145,788	1/4	157,082	1/4		1/4																			
1/2	123,324	1/2	134,683	1/2	146,024	1/2	157,316	1/2		1/2																			
3/4	123,562	3/4	134,919	3/4	146,260	3/4	157,550	3/4		3/4																			
10	123,799	10	135,155	10	146,497	10	157,785	10																					
1/4	124,037	1/4	135,391	1/4	146,733	1/4	158,018	1/4		1/4																			
1/2	124,274	1/2	135,628	1/2	146,969	1/2	158,252	1/2		1/2																			
3/4	124,512	3/4	135,864	3/4	147,205	3/4	158,485	3/4		3/4																			
11	124,750	11	136,100	11	147,442	11	158,719	11																					
1/4	124,987	1/4	136,336	1/4	147,678	1/4	158,952	1/4		1/4																			
1/2	125,225	1/2	136,573	1/2	147,914	1/2	159,184	1/2		1/2																			
3/4	125,462	3/4	136,809	3/4	148,151	3/4	159,417	3/4		3/4																			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/02/2009 CL - SW
CALCULATED: 04/03/2009 CL
REPRINTED: 07/26/2014 CL
CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

PRECISION MEASUREMENT
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Paul Stearns



BARGE "MPC 301"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS												FORMERLY "HFL 301"												GAUGE HEIGHT 15'-10"																	
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.			IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	643	0	11,763	0	23,284	0	34,655	0	45,923	0	57,371	0	68,868	0	80,367	0	91,861	0	103,343			IN	0	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.
1/4	808	1/4	12,003	1/4	23,524	1/4	34,886	1/4	46,163	1/4	57,609	1/4	69,108	1/4	80,607	1/4	92,101	1/4	103,582			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.		
1/2	974	1/2	12,243	1/2	23,764	1/2	35,117	1/2	46,403	1/2	57,847	1/2	69,347	1/2	80,846	1/2	92,340	1/2	103,821			IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.				
3/4	1,139	3/4	12,483	3/4	24,004	3/4	35,348	3/4	46,643	3/4	58,085	3/4	69,587	3/4	81,086	3/4	92,579	3/4	104,059			IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.						
1	1,304	1	12,723	1	24,245	1	35,579	1	46,883	1	58,323	1	69,827	1	81,325	1	92,819	1	104,298			IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.								
1 1/4	1,521	1 1/4	12,963	1 1/4	24,485	1 1/4	35,810	1 1/4	47,122	1 1/4	58,561	1 1/4	70,066	1 1/4	81,565	1 1/4	93,058	1 1/4	104,549			IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.										
1 1/2	1,738	1 1/2	13,203	1 1/2	24,725	1 1/2	36,042	1 1/2	47,362	1 1/2	58,799	1 1/2	70,306	1 1/2	81,804	1 1/2	93,297	1 1/2	104,790			IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.												
3/4	1,956	3/4	13,443	3/4	24,965	3/4	36,273	3/4	47,602	3/4	59,038	3/4	70,546	3/4	82,043	3/4	93,537	3/4	104,960			IN	7 FT.	IN	8 FT.	IN	9 FT.														
2	2,173	2	13,683	2	25,205	2	36,504	2	47,842	2	59,276	2	70,785	2	82,283	2	93,776	2	105,181			IN	8 FT.	IN	9 FT.																
1/4	2,410	1/4	13,923	1/4	25,445	1/4	36,736	1/4	48,081	1/4	59,514	1/4	71,025	1/4	82,522	1/4	94,016	1/4	105,513			IN	9 FT.	IN																	
1/2	2,648	1/2	14,163	1/2	25,685	1/2	36,968	1/2	48,320	1/2	59,753	1/2	71,265	1/2	82,762	1/2	94,255	1/2	105,757			IN																			
3/4	2,886	3/4	14,403	3/4	25,925	3/4	37,200	3/4	48,560	3/4	59,991	3/4	71,505	3/4	83,001	3/4	94,494	3/4	105,979			IN																			
3	3,124	3	14,643	3	26,165	3	37,432	3	48,799	3	60,230	3	71,744	3	83,241	3	94,734	3	105,845			IN																			
1/4	3,363	1/4	14,883	1/4	26,405	1/4	37,664	1/4	49,037	1/4	60,470	1/4	71,984	1/4	83,480	1/4	94,973	1/4	106,012			IN																			
1/2	3,602	1/2	15,123	1/2	26,645	1/2	37,896	1/2	49,275	1/2	60,710	1/2	72,224	1/2	83,720	1/2	95,213	1/2	106,178			IN																			
3/4	3,841	3/4	15,363	3/4	26,884	3/4	38,128	3/4	49,513	3/4	60,950	3/4	72,463	3/4	83,959	3/4	95,452	3/4	106,344			IN																			
4	4,080	4	15,603	4	27,124	4	38,360	4	49,751	4	61,190	4	72,703	4	84,199	4	95,691	4	106,510			IN																			
1/4	4,320	1/4	15,843	1/4	27,364	1/4	38,591	1/4	49,990	1/4	61,430	1/4	72,943	1/4	84,438	1/4	95,931	1/4	106,642			IN																			
1/2	4,559	1/2	16,083	1/2	27,603	1/2	38,823	1/2	50,228	1/2	61,670	1/2	73,182	1/2	84,678	1/2	96,170	1/2	106,842			IN																			
3/4	4,799	3/4	16,323	3/4	27,842	3/4	39,055	3/4	50,466	3/4	61,910	3/4	73,422	3/4	84,917	3/4	96,410	3/4	107,008			IN																			
5	5,039	5	16,563	5	28,081	5	39,287	5	50,704	5	62,150	5	73,662	5	85,157	5	96,649	5	107,174			IN																			
1/4	5,279	1/4	16,803	1/4	28,321	1/4	39,519	1/4	50,942	1/4	62,390	1/4	73,901	1/4	85,396	1/4	96,888	1/4	107,340			IN																			
1/2	5,519	1/2	17,043	1/2	28,560	1/2	39,752	1/2	51,180	1/2	62,630	1/2	74,141	1/2	85,636	1/2	97,128	1/2	107,507			IN																			
3/4	5,758	3/4	17,283	3/4	28,799	3/4	39,984	3/4	51,418	3/4	62,870	3/4	74,381	3/4	85,875	3/4	97,367	3/4	107,673			IN																			
6	5,998	6	17,524	6	29,038	6	40,216	6	51,656	6	63,110	6	74,620	6	86,115	6	97,607	6	107,839			IN																			
1/4	6,239	1/4	17,764	1/4	29,277	1/4	40,450	1/4	51,894	1/4	63,350	1/4	74,859	1/4	86,354	1/4	97,846	1/4	108,005			IN																			
1/2	6,479	1/2	18,004	1/2	29,516	1/2	40,684	1/2	52,132	1/2	63,590	1/2	75,099	1/2	86,594	1/2	98,085	1/2	108,171			IN																			
3/4	6,719	3/4	18,244	3/4	29,755	3/4	40,918	3/4	52,371	3/4	63,830	3/4	75,338	3/4	86,833	3/4	98,325	3/4	108,337			IN																			
7	6,960	7	18,484	7	29,995	7	41,152	7	52,609	7	64,070	7	75,577	7	87,073	7	98,564	7	108,503			IN																			
1/4	7,200	1/4	18,724	1/4	30,233	1/4	41,387	1/4	52,847	1/4	64,310	1/4	75,817	1/4	87,312	1/4	98,803	1/4	108,669			IN																			
1/2	7,440	1/2	18,964	1/2	30,471	1/2	41,623	1/2	53,085	1/2	64,550	1/2	76,056	1/2	87,552	1/2	99,043	1/2	108,835			IN																			
3/4	7,681	3/4	19,204	3/4	30,709	3/4	41,859	3/4	53,323	3/4	64,790	3/4	76,296	3/4	87,791	3/4	99,282	3/4	109,002			IN																			
8	7,921	8	19,444	8	30,947	8	42,094	8	53,561	8	65,030	8	76,535	8	88,031	8	99,521	8	109,168			IN																			
1/4	8,162	1/4	19,684	1/4	31,181	1/4	42,332	1/4	53,799	1/4	65,270	1/4	76,775	1/4	88,270	1/4	99,760	1/4	109,334			IN																			
1/2	8,402	1/2	19,924	1/2	31,415	1/2	42,570	1/2	54,037	1/2	65,510	1/2	77,014	1/2	88,510	1/2	99,999	1/2	109,500			IN																			
3/4	8,642	3/4	20,164	3/4	31,649	3/4	42,808	3/4	54,275	3/4	65,750	3/4	77,254	3/4	88,749	3/4	100,238	3/4	109,666			IN																			
9	8,882	9	20,404	9	31,883	9	43,046	9	54,514	9	65,990	9	77,493	9	88,988	9	100,477	9	109,832			IN																			
1/4	9,122	1/4	20,644	1/4	32,114	1/4	43,286	1/4	54,752	1/4	66,229	1/4	77,733	1/4	89,228	1/4	100,715	1/4	109,998			IN																			
1/2	9,362	1/2	20,884	1/2	32,345	1/2	43,526	1/2	54,990	1/2	66,469	1/2	77,972	1/2	89,467	1/2	100,954	1/2	110,164			IN																			
3/4	9,602	3/4	21,124	3/4	32,576	3/4	43,766	3/4	55,228	3/4	66,709	3/4	78,212	3/4	89,707	3/4	101,193	3/4	110,330			IN																			
10	9,842	10	21,364	10	32,807	10	44,005	10	55,466	10	66,949	10	78,451	10	89,946	10	101,432	10	110,497			IN																			
1/4	10,082	1/4	21,604	1/4	33,038	1/4	44,245	1/4	55,704	1/4	67,189	1/4	78,691	1/4	90,185	1/4	101,671	1/4	110,663			IN																			
1/2	10,322	1/2	21,844	1/2	33,269	1/2	44,485	1/2	55,942	1/2	67,429	1/2	78,930	1/2	90,425	1/2	101,910	1/2	110,829			IN																			
3/4	10,562	3/4	22,084	3/4	33,500	3/4	44,725	3/4	56,180	3/4	67,669	3/4	79,170	3/4	90,664	3/4	102,149	3/4	110,995			IN																			
11	10,803	11	22,324	11	33,731	11	44,964	11	56,418	11	67,909	11	79,409	11	90,904	11	102,387	11	111,161			IN																			
1/4	11,043	1/4	22,564	1/4	33,962	1/4	45,204	1/4	56,656	1/4	68,149	1/4	79,649	1/4	91,143	1/4	102,626	1/4	111,327			IN																			
1/2	11,283	1/2	22,804	1/2	34,193	1/2	45,444	1/2	56,895	1/2	68,388	1/2	79,888	1/2	91,382	1/2	102,865	1/2	111,494			IN																			
3/4	11,523	3/4	23,044	3/4	34,424	3/4	45,684	3/4	57,133	3/4	68,628	3/4	80,128	3/4	91,622	3/4	103,104	3/4	111,660			IN																			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH NIPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

PRECISION MEASUREMENT

& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

http://www.pmaacorp.net



BARGE "MPC 301"

2 PORT
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS												FORMERLY "HFL 301"												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.	IN															
0	111,826	0	119,808	0	127,374	0	134,937	0	143,676	0				0					0																
1/4	111,994	1/4	119,966	1/4	127,531	1/4	135,094	1/4	143,898	1/4				1/4					1/4																
1/2	112,161	1/2	120,125	1/2	127,689	1/2	135,252	1/2	144,120	1/2				1/2					1/2																
3/4	112,328	3/4	120,283	3/4	127,846	3/4	135,410	3/4	144,342	3/4				3/4					3/4																
1	112,495	1	120,441	1	128,004	1	135,567	1	144,564	1				1					1																
1/4	112,662	1/4	120,599	1/4	128,162	1/4	135,725	1/4	144,763	1/4				1/4					1/4																
1/2	112,829	1/2	120,756	1/2	128,319	1/2	135,882	1/2	144,962	1/2				1/2					1/2																
3/4	112,996	3/4	120,914	3/4	128,477	3/4	136,040	3/4	145,161	3/4				3/4					3/4																
2	113,164	2	121,071	2	128,634	2	136,197	2	145,360	2				2					2																
1/4	113,331	1/4	121,229	1/4	128,792	1/4	136,356	1/4	145,519	1/4				1/4					1/4																
1/2	113,498	1/2	121,386	1/2	128,949	1/2	136,512	1/2	145,678	1/2				1/2					1/2																
3/4	113,665	3/4	121,544	3/4	129,107	3/4	136,669	3/4	145,837	3/4				3/4					3/4																
3	113,832	3	121,702	3	129,265	3	136,826	3	145,996	3				3					3																
1/4	113,999	1/4	121,859	1/4	129,422	1/4	136,983	1/4						1/4					1/4																
1/2	114,167	1/2	122,017	1/2	129,580	1/2	137,139	1/2						1/2					1/2																
3/4	114,334	3/4	122,174	3/4	129,737	3/4	137,295	3/4						3/4					3/4																
4	114,501	4	122,332	4	129,895	4	137,452	4						4					4																
1/4	114,668	1/4	122,489	1/4	130,052	1/4	137,608	1/4						1/4					1/4																
1/2	114,835	1/2	122,647	1/2	130,210	1/2	137,764	1/2						1/2					1/2																
3/4	115,002	3/4	122,804	3/4	130,368	3/4	137,921	3/4						3/4					3/4																
5	115,169	5	122,962	5	130,525	5	138,077	5						5					5																
1/4	115,337	1/4	123,120	1/4	130,683	1/4	138,233	1/4						1/4					1/4																
1/2	115,504	1/2	123,277	1/2	130,840	1/2	138,390	1/2						1/2					1/2																
3/4	115,671	3/4	123,435	3/4	130,998	3/4	138,546	3/4						3/4					3/4																
6	115,838	6	123,592	6	131,155	6	138,702	6						6					6																
1/4	116,005	1/4	123,750	1/4	131,313	1/4	138,859	1/4						1/4					1/4																
1/2	116,172	1/2	123,907	1/2	131,470	1/2	139,016	1/2						1/2					1/2																
3/4	116,339	3/4	124,065	3/4	131,628	3/4	139,171	3/4						3/4					3/4																
7	116,507	7	124,223	7	131,786	7	139,327	7						7					7																
1/4	116,674	1/4	124,380	1/4	131,943	1/4	139,502	1/4						1/4					1/4																
1/2	116,841	1/2	124,538	1/2	132,101	1/2	139,676	1/2						1/2					1/2																
3/4	117,008	3/4	124,695	3/4	132,258	3/4	139,851	3/4						3/4					3/4																
8	117,175	8	124,853	8	132,416	8	140,025	8						8					8																
1/4	117,342	1/4	125,010	1/4	132,573	1/4	140,254	1/4						1/4					1/4																
1/2	117,509	1/2	125,168	1/2	132,731	1/2	140,483	1/2						1/2					1/2																
3/4	117,677	3/4	125,325	3/4	132,889	3/4	140,712	3/4						3/4					3/4																
9	117,844	9	125,483	9	133,046	9	140,941	9						9					9																
1/4	118,011	1/4	125,641	1/4	133,204	1/4	141,169	1/4						1/4					1/4																
1/2	118,178	1/2	125,798	1/2	133,361	1/2	141,398	1/2						1/2					1/2																
3/4	118,346	3/4	125,956	3/4	133,519	3/4	141,627	3/4						3/4					3/4																
10	118,513	10	126,113	10	133,676	10	141,856	10						10					10																
1/4	118,678	1/4	126,271	1/4	133,834	1/4	142,083	1/4						1/4					1/4																
1/2	118,844	1/2	126,428	1/2	133,991	1/2	142,311	1/2						1/2					1/2																
3/4	119,009	3/4	126,586	3/4	134,149	3/4	142,539	3/4						3/4					3/4																
11	119,174	11	126,744	11	134,307	11	142,768	11						11					11																
1/4	119,333	1/4	126,901	1/4	134,464	1/4	142,995	1/4						1/4					1/4																
1/2	119,491	1/2	127,059	1/2	134,622	1/2	143,222	1/2						1/2					1/2																
3/4	119,650	3/4	127,216	3/4	134,779	3/4	143,449	3/4						3/4					3/4																



BARGE "MPC 301"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS												FORMERLY "HFL 301"												GAUGE HEIGHT 15'-10 1/4"																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									



BARGE "MPC 301"

2 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "HFL 301"

GAUGE HEIGHT 15'-10 1/4"

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	112,565	0	120,568	0	128,134	0	135,697	0	144,436	0		0		0		0		0	
1/4	112,732	1/4	120,726	1/4	128,291	1/4	135,854	1/4	144,658	1/4		1/4		1/4		1/4		1/4	
1/2	112,900	1/2	120,884	1/2	128,449	1/2	136,012	1/2	144,880	1/2		1/2		1/2		1/2		1/2	
3/4	113,068	3/4	121,043	3/4	128,606	3/4	136,169	3/4	145,102	3/4		3/4		3/4		3/4		3/4	
1	113,236	1	121,201	1	128,764	1	136,327	1	145,324	1		1		1		1		1	
1/4	113,403	1/4	121,358	1/4	128,921	1/4	136,484	1/4	145,523	1/4		1/4		1/4		1/4		1/4	
1/2	113,571	1/2	121,516	1/2	129,079	1/2	136,642	1/2	145,722	1/2		1/2		1/2		1/2		1/2	
3/4	113,739	3/4	121,673	3/4	129,237	3/4	136,800	3/4	145,920	3/4		3/4		3/4		3/4		3/4	
2	113,906	2	121,831	2	129,394	2	136,957	2	146,119	2		2		2		2		2	
1/4	114,074	1/4	121,989	1/4	129,552	1/4	137,114	1/4	146,278	1/4		1/4		1/4		1/4		1/4	
1/2	114,242	1/2	122,146	1/2	129,709	1/2	137,272	1/2	146,437	1/2		1/2		1/2		1/2		1/2	
3/4	114,409	3/4	122,304	3/4	129,867	3/4	137,429	3/4	146,596	3/4		3/4		3/4		3/4		3/4	
3	114,577	3	122,461	3	130,024	3	137,586	3	146,755	3		3		3		3		3	
1/4	114,745	1/4	122,619	1/4	130,182	1/4	137,742	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,912	1/2	122,776	1/2	130,339	1/2	137,899	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,080	3/4	122,934	3/4	130,497	3/4	138,055	3/4		3/4		3/4		3/4		3/4		3/4	
4	115,248	4	123,092	4	130,655	4	138,211	4		4		4		4		4		4	
1/4	115,416	1/4	123,249	1/4	130,812	1/4	138,368	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,583	1/2	123,407	1/2	130,970	1/2	138,524	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,751	3/4	123,564	3/4	131,127	3/4	138,680	3/4		3/4		3/4		3/4		3/4		3/4	
5	115,919	5	123,722	5	131,285	5	138,837	5		5		5		5		5		5	
1/4	116,086	1/4	123,879	1/4	131,442	1/4	138,993	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	116,254	1/2	124,037	1/2	131,600	1/2	139,149	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	116,422	3/4	124,195	3/4	131,758	3/4	139,306	3/4		3/4		3/4		3/4		3/4		3/4	
6	116,589	6	124,352	6	131,915	6	139,462	6		6		6		6		6		6	
1/4	116,757	1/4	124,510	1/4	132,073	1/4	139,618	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	116,925	1/2	124,667	1/2	132,230	1/2	139,775	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117,093	3/4	124,825	3/4	132,388	3/4	139,931	3/4		3/4		3/4		3/4		3/4		3/4	
7	117,260	7	124,982	7	132,545	7	140,087	7		7		7		7		7		7	
1/4	117,428	1/4	125,140	1/4	132,703	1/4	140,262	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	117,596	1/2	125,297	1/2	132,860	1/2	140,436	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117,763	3/4	125,455	3/4	133,018	3/4	140,611	3/4		3/4		3/4		3/4		3/4		3/4	
8	117,931	8	125,613	8	133,176	8	140,785	8		8		8		8		8		8	
1/4	118,099	1/4	125,770	1/4	133,333	1/4	141,014	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,266	1/2	125,928	1/2	133,491	1/2	141,243	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,434	3/4	126,085	3/4	133,648	3/4	141,472	3/4		3/4		3/4		3/4		3/4		3/4	
9	118,602	9	126,243	9	133,806	9	141,701	9		9		9		9		9		9	
1/4	118,770	1/4	126,400	1/4	133,963	1/4	141,929	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,937	1/2	126,558	1/2	134,121	1/2	142,158	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,105	3/4	126,716	3/4	134,279	3/4	142,386	3/4		3/4		3/4		3/4		3/4		3/4	
10	119,273	10	126,873	10	134,436	10	142,615	10		10		10		10		10		10	
1/4	119,438	1/4	127,031	1/4	134,594	1/4	142,843	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,603	1/2	127,188	1/2	134,751	1/2	143,071	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,769	3/4	127,346	3/4	134,909	3/4	143,299	3/4		3/4		3/4		3/4		3/4		3/4	
11	119,934	11	127,503	11	135,066	11	143,527	11		11		11		11		11		11	
1/4	120,093	1/4	127,661	1/4	135,224	1/4	143,756	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,251	1/2	127,818	1/2	135,382	1/2	143,982	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,409	3/4	127,976	3/4	135,539	3/4	144,209	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/02/2009 CL - SW
CALCULATED: 04/03/2009 CL
REPRINTED: 07/26/2014 CL
CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

PRECISION MEASUREMENT
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