



BARGE "DBL 111"

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 CENTER	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
2 CENTER	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4
3 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS - 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 160'-06"

October 27, 2015

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

<http://www.pmacorp.net>



BARGE "DBL 111"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 19'-1 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	27	0	9,351	0	19,850	0	30,588	0	41,325	0	51,957	0	62,699	0	73,441	0	84,183	0	94,921
1/4	44	1/4	9,574	1/4	20,074	1/4	30,811	1/4	41,546	1/4	52,181	1/4	62,923	1/4	73,665	1/4	84,407	1/4	95,145
1/2	61	1/2	9,798	1/2	20,297	1/2	31,035	1/2	41,767	1/2	52,404	1/2	63,147	1/2	73,889	1/2	84,630	1/2	95,368
3/4	78	3/4	10,022	3/4	20,521	3/4	31,259	3/4	41,987	3/4	52,628	3/4	63,371	3/4	74,113	3/4	84,854	3/4	95,592
1	95	1	10,245	1	20,745	1	31,482	1	42,208	1	52,852	1	63,594	1	74,337	1	85,078	1	95,816
1/4	201	1/4	10,463	1/4	20,969	1/4	31,706	1/4	42,429	1/4	53,076	1/4	63,818	1/4	74,560	1/4	85,302	1/4	96,039
1/2	307	1/2	10,681	1/2	21,192	1/2	31,930	1/2	42,650	1/2	53,300	1/2	64,042	1/2	74,784	1/2	85,525	1/2	96,263
3/4	414	3/4	10,899	3/4	21,416	3/4	32,154	3/4	42,870	3/4	53,523	3/4	64,266	3/4	75,008	3/4	85,749	3/4	96,487
2	520	2	11,117	2	21,640	2	32,377	2	43,091	2	53,747	2	64,490	2	75,232	2	85,973	2	96,711
1/4	714	1/4	11,334	1/4	21,863	1/4	32,601	1/4	43,312	1/4	53,971	1/4	64,713	1/4	75,456	1/4	86,196	1/4	96,934
1/2	907	1/2	11,552	1/2	22,087	1/2	32,825	1/2	43,533	1/2	54,195	1/2	64,937	1/2	75,679	1/2	86,420	1/2	97,158
3/4	1,101	3/4	11,770	3/4	22,311	3/4	33,048	3/4	43,753	3/4	54,419	3/4	65,161	3/4	75,903	3/4	86,644	3/4	97,382
3	1,294	3	11,988	3	22,534	3	33,272	3	43,974	3	54,642	3	65,385	3	76,127	3	86,867	3	97,605
1/4	1,517	1/4	12,206	1/4	22,758	1/4	33,496	1/4	44,195	1/4	54,866	1/4	65,609	1/4	76,351	1/4	87,091	1/4	97,829
1/2	1,741	1/2	12,423	1/2	22,982	1/2	33,719	1/2	44,415	1/2	55,090	1/2	65,832	1/2	76,575	1/2	87,315	1/2	98,053
3/4	1,964	3/4	12,641	3/4	23,206	3/4	33,943	3/4	44,636	3/4	55,314	3/4	66,056	3/4	76,798	3/4	87,539	3/4	98,277
4	2,187	4	12,858	4	23,429	4	34,167	4	44,857	4	55,538	4	66,280	4	77,022	4	87,762	4	98,500
1/4	2,412	1/4	13,076	1/4	23,653	1/4	34,391	1/4	45,078	1/4	55,761	1/4	66,504	1/4	77,246	1/4	87,986	1/4	98,724
1/2	2,636	1/2	13,294	1/2	23,877	1/2	34,614	1/2	45,298	1/2	55,985	1/2	66,728	1/2	77,470	1/2	88,210	1/2	98,948
3/4	2,860	3/4	13,512	3/4	24,100	3/4	34,838	3/4	45,519	3/4	56,209	3/4	66,951	3/4	77,694	3/4	88,433	3/4	99,171
5	3,085	5	13,729	5	24,324	5	35,062	5	45,740	5	56,433	5	67,175	5	77,917	5	88,657	5	99,395
1/4	3,309	1/4	13,947	1/4	24,548	1/4	35,285	1/4	45,961	1/4	56,657	1/4	67,399	1/4	78,141	1/4	88,881	1/4	99,619
1/2	3,533	1/2	14,165	1/2	24,771	1/2	35,509	1/2	46,181	1/2	56,880	1/2	67,623	1/2	78,365	1/2	89,105	1/2	99,842
3/4	3,756	3/4	14,383	3/4	24,995	3/4	35,733	3/4	46,402	3/4	57,104	3/4	67,846	3/4	78,589	3/4	89,328	3/4	100,066
6	3,980	6	14,600	6	25,219	6	35,956	6	46,623	6	57,328	6	68,070	6	78,813	6	89,552	6	100,290
1/4	4,204	1/4	14,818	1/4	25,443	1/4	36,180	1/4	46,844	1/4	57,552	1/4	68,294	1/4	79,036	1/4	89,776	1/4	100,514
1/2	4,428	1/2	15,036	1/2	25,666	1/2	36,404	1/2	47,064	1/2	57,776	1/2	68,518	1/2	79,260	1/2	89,999	1/2	100,737
3/4	4,652	3/4	15,254	3/4	25,890	3/4	36,628	3/4	47,285	3/4	57,999	3/4	68,742	3/4	79,484	3/4	90,223	3/4	100,961
7	4,876	7	15,471	7	26,114	7	36,851	7	47,506	7	58,223	7	68,965	7	79,708	7	90,447	7	101,185
1/4	5,100	1/4	15,689	1/4	26,337	1/4	37,075	1/4	47,726	1/4	58,447	1/4	69,189	1/4	79,932	1/4	90,670	1/4	101,408
1/2	5,323	1/2	15,907	1/2	26,561	1/2	37,299	1/2	47,947	1/2	58,671	1/2	69,413	1/2	80,155	1/2	90,894	1/2	101,632
3/4	5,547	3/4	16,125	3/4	26,785	3/4	37,522	3/4	48,168	3/4	58,895	3/4	69,637	3/4	80,379	3/4	91,118	3/4	101,856
8	5,771	8	16,342	8	27,008	8	37,746	8	48,389	8	59,118	8	69,861	8	80,603	8	91,342	8	102,080
1/4	5,995	1/4	16,560	1/4	27,232	1/4	37,970	1/4	48,611	1/4	59,342	1/4	70,084	1/4	80,827	1/4	91,565	1/4	102,303
1/2	6,219	1/2	16,778	1/2	27,456	1/2	38,193	1/2	48,833	1/2	59,566	1/2	70,308	1/2	81,051	1/2	91,789	1/2	102,527
3/4	6,442	3/4	16,996	3/4	27,680	3/4	38,417	3/4	49,055	3/4	59,790	3/4	70,532	3/4	81,274	3/4	92,013	3/4	102,751
9	6,666	9	17,213	9	27,903	9	38,641	9	49,278	9	60,014	9	70,756	9	81,498	9	92,236	9	102,974
1/4	6,890	1/4	17,431	1/4	28,127	1/4	38,864	1/4	49,500	1/4	60,237	1/4	70,980	1/4	81,722	1/4	92,460	1/4	103,198
1/2	7,113	1/2	17,649	1/2	28,351	1/2	39,088	1/2	49,722	1/2	60,461	1/2	71,203	1/2	81,946	1/2	92,684	1/2	103,422
3/4	7,337	3/4	17,867	3/4	28,574	3/4	39,312	3/4	49,944	3/4	60,685	3/4	71,427	3/4	82,170	3/4	92,908	3/4	103,645
10	7,561	10	18,084	10	28,798	10	39,536	10	50,166	10	60,909	10	71,651	10	82,393	10	93,131	10	103,869
1/4	7,785	1/4	18,302	1/4	29,022	1/4	39,759	1/4	50,390	1/4	61,133	1/4	71,875	1/4	82,617	1/4	93,355	1/4	104,093
1/2	8,008	1/2	18,520	1/2	29,245	1/2	39,983	1/2	50,614	1/2	61,356	1/2	72,099	1/2	82,841	1/2	93,579	1/2	104,317
3/4	8,232	3/4	18,738	3/4	29,469	3/4	40,207	3/4	50,838	3/4	61,580	3/4	72,322	3/4	83,064	3/4	93,802	3/4	104,540
11	8,456	11	18,955	11	29,693	11	40,430	11	51,062	11	61,804	11	72,546	11	83,288	11	94,026	11	104,764
1/4	8,679	1/4	19,179	1/4	29,917	1/4	40,654	1/4	51,285	1/4	62,028	1/4	72,770	1/4	83,512	1/4	94,250	1/4	104,988
1/2	8,903	1/2	19,403	1/2	30,140	1/2	40,878	1/2	51,509	1/2	62,252	1/2	72,994	1/2	83,736	1/2	94,473	1/2	105,211
3/4	9,127	3/4	19,626	3/4	30,364	3/4	41,101	3/4	51,733	3/4	62,475	3/4	73,218	3/4	83,959	3/4	94,697	3/4	105,435

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF THREADS ON "MMC" VALVE.
 GAUGE POINT: (MMC) LOCATED 1'-00" OFF CENTERLINE AND 26'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "DBL 111"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 19'-1 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	105,659	0	115,417	0	124,842	0	134,268	0	143,658	0	153,088	0	162,513	0	171,938	0	181,363	0	190,788
1/4	105,883	1/4	115,613	1/4	125,039	1/4	134,464	1/4	143,853	1/4	153,283	1/4	162,708	1/4	172,133	1/4	181,558	1/4	190,983
1/2	106,106	1/2	115,810	1/2	125,235	1/2	134,661	1/2	144,048	1/2	153,478	1/2	162,903	1/2	173,328	1/2	182,753	1/2	192,178
3/4	106,330	3/4	116,006	3/4	125,431	3/4	134,857	3/4	144,242	3/4	153,672	3/4	163,097	3/4	173,522	3/4	182,947	3/4	192,372
1	106,554	1	116,202	1	125,628	1	135,053	1	144,437	1	153,867	1	163,292	1	173,717	1	183,142	1	192,567
1/4	106,778	1/4	116,399	1/4	125,824	1/4	135,250	1/4	144,632	1/4	154,062	1/4	163,487	1/4	173,912	1/4	183,337	1/4	192,762
1/2	107,002	1/2	116,595	1/2	126,021	1/2	135,446	1/2	144,826	1/2	154,256	1/2	163,681	1/2	174,106	1/2	183,531	1/2	192,956
3/4	107,226	3/4	116,791	3/4	126,217	3/4	135,642	3/4	145,021	3/4	154,451	3/4	163,876	3/4	174,301	3/4	183,726	3/4	193,151
2	107,451	2	116,988	2	126,413	2	135,839	2	145,215	2	154,645	2	164,070	2	174,495	2	183,920	2	193,345
1/4	107,675	1/4	117,184	1/4	126,610	1/4	136,035	1/4	145,410	1/4	154,840	1/4	164,265	1/4	174,690	1/4	184,115	1/4	193,540
1/2	107,899	1/2	117,381	1/2	126,806	1/2	136,232	1/2	145,605	1/2	155,035	1/2	164,460	1/2	174,885	1/2	184,310	1/2	193,735
3/4	108,123	3/4	117,577	3/4	127,002	3/4	136,428	3/4	145,799	3/4	155,220	3/4	164,645	3/4	175,070	3/4	184,495	3/4	193,920
3	108,348	3	117,773	3	127,199	3	136,624	3	145,994	3	155,420	3	164,820	3	175,245	3	184,670	3	194,095
1/4	108,544	1/4	117,970	1/4	127,395	1/4	136,821	1/4	146,188	1/4	155,616	1/4	164,945	1/4	175,370	1/4	184,795	1/4	194,220
1/2	108,740	1/2	118,166	1/2	127,591	1/2	137,017	1/2	146,383	1/2	155,802	1/2	165,162	1/2	175,537	1/2	184,912	1/2	194,345
3/4	108,937	3/4	118,362	3/4	127,788	3/4	137,213	3/4	146,578	3/4	156,018	3/4	165,357	3/4	175,732	3/4	185,097	3/4	194,468
4	109,133	4	118,559	4	127,984	4	137,410	4	146,772	4	156,149	4	165,551	4	175,927	4	185,292	4	194,591
1/4	109,330	1/4	118,755	1/4	128,181	1/4	137,606	1/4	146,967	1/4	156,336	1/4	165,740	1/4	176,102	1/4	185,487	1/4	194,714
1/2	109,526	1/2	118,951	1/2	128,377	1/2	137,802	1/2	147,162	1/2	156,521	1/2	165,924	1/2	176,286	1/2	185,682	1/2	194,837
3/4	109,722	3/4	119,148	3/4	128,573	3/4	137,999	3/4	147,356	3/4	156,706	3/4	166,107	3/4	176,447	3/4	185,878	3/4	194,960
5	109,919	5	119,344	5	128,770	5	138,195	5	147,551	5	156,897	5	166,299	5	176,642	5	186,085	5	195,083
1/4	110,115	1/4	119,541	1/4	128,966	1/4	138,392	1/4	147,743	1/4	157,088	1/4	166,490	1/4	176,833	1/4	186,276	1/4	195,206
1/2	110,311	1/2	119,737	1/2	129,162	1/2	138,588	1/2	147,934	1/2	157,283	1/2	166,681	1/2	177,024	1/2	186,471	1/2	195,329
3/4	110,508	3/4	119,933	3/4	129,359	3/4	138,784	3/4	148,126	3/4	157,532	3/4	166,876	3/4	177,217	3/4	186,667	3/4	195,452
6	110,704	6	120,130	6	129,555	6	138,981	6	148,318	6	157,678	6	167,019	6	177,362	6	186,860	6	195,575
1/4	110,900	1/4	120,326	1/4	129,751	1/4	139,177	1/4	148,510	1/4	157,823	1/4	167,162	1/4	177,505	1/4	186,957	1/4	195,698
1/2	111,097	1/2	120,522	1/2	129,948	1/2	139,373	1/2	148,701	1/2	158,076	1/2	167,356	1/2	177,699	1/2	187,151	1/2	195,821
3/4	111,293	3/4	120,719	3/4	130,144	3/4	139,570	3/4	148,893	3/4	158,270	3/4	167,549	3/4	177,842	3/4	187,343	3/4	195,944
7	111,490	7	120,915	7	130,341	7	139,766	7	149,085	7	158,420	7	167,743	7	178,086	7	187,538	7	196,067
1/4	111,686	1/4	121,111	1/4	130,537	1/4	139,961	1/4	149,276	1/4	158,616	1/4	167,907	1/4	178,249	1/4	187,601	1/4	196,190
1/2	111,882	1/2	121,308	1/2	130,733	1/2	140,155	1/2	149,468	1/2	158,802	1/2	168,033	1/2	178,376	1/2	187,728	1/2	196,313
3/4	112,079	3/4	121,504	3/4	130,930	3/4	140,350	3/4	149,660	3/4	159,018	3/4	168,244	3/4	178,589	3/4	187,931	3/4	196,436
8	112,275	8	121,701	8	131,126	8	140,545	8	149,852	8	159,167	8	168,437	8	178,780	8	188,123	8	196,559
1/4	112,471	1/4	121,897	1/4	131,322	1/4	140,739	1/4	150,043	1/4	159,358	1/4	168,623	1/4	178,966	1/4	188,309	1/4	196,682
1/2	112,668	1/2	122,093	1/2	131,519	1/2	140,934	1/2	150,235	1/2	159,569	1/2	168,834	1/2	179,177	1/2	188,520	1/2	196,805
3/4	112,864	3/4	122,290	3/4	131,715	3/4	141,128	3/4	150,427	3/4	159,762	3/4	169,027	3/4	179,370	3/4	188,713	3/4	196,928
9	113,061	9	122,486	9	131,911	9	141,323	9	150,619	9	159,954	9	169,219	9	179,562	9	188,905	9	197,051
1/4	113,257	1/4	122,682	1/4	132,108	1/4	141,518	1/4	150,770	1/4	160,105	1/4	169,370	1/4	179,713	1/4	189,056	1/4	197,174
1/2	113,453	1/2	122,879	1/2	132,304	1/2	141,712	1/2	150,921	1/2	160,299	1/2	169,564	1/2	179,907	1/2	189,250	1/2	197,297
3/4	113,650	3/4	123,075	3/4	132,501	3/4	141,907	3/4	151,072	3/4	160,493	3/4	169,758	3/4	180,001	3/4	189,344	3/4	197,420
10	113,846	10	123,271	10	132,697	10	142,101	10	151,223	10	160,617	10	169,882	10	180,125	10	189,468	10	197,543
1/4	114,042	1/4	123,468	1/4	132,893	1/4	142,296	1/4	151,324	1/4	160,812	1/4	170,077	1/4	180,320	1/4	189,663	1/4	197,666
1/2	114,239	1/2	123,664	1/2	133,090	1/2	142,491	1/2	151,426	1/2	161,007	1/2	170,262	1/2	180,505	1/2	189,808	1/2	197,789
3/4	114,435	3/4	123,861	3/4	133,286	3/4	142,685	3/4	151,528	3/4	161,198	3/4	170,457	3/4	180,698	3/4	189,951	3/4	197,912
11	114,631	11	124,057	11	133,482	11	142,880	11	151,630	11	161,393	11	170,647	11	180,890	11	190,133	11	198,037
1/4	114,828	1/4	124,253	1/4	133,679	1/4	143,075	1/4	151,730	1/4	161,583	1/4	170,837	1/4	181,080	1/4	190,323	1/4	198,160
1/2	115,024	1/2	124,450	1/2	133,875	1/2	143,269	1/2	151,830	1/2	161,774	1/2	171,028	1/2	181,271	1/2	190,516	1/2	198,283
3/4	115,221	3/4	124,646	3/4	134,071	3/4	143,464	3/4	151,930	3/4	161,969	3/4	171,223	3/4	181,466	3/4	190,711	3/4	198,406

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/27/2015 SW
CALCULATED: 10/27/2015 CL
REPRINTED: 10/28/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2015

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



BARGE "DBL 111"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 19'-1 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	27	0	10,676	0	22,382	0	34,412	0	46,443	0	58,473	0	70,504	0	82,535	0	94,564	0	106,589
1/4	73	1/4	10,927	1/4	22,632	1/4	34,663	1/4	46,694	1/4	58,724	1/4	70,755	1/4	82,785	1/4	94,815	1/4	106,839
1/2	118	1/2	11,177	1/2	22,883	1/2	34,914	1/2	46,944	1/2	58,975	1/2	71,005	1/2	83,036	1/2	95,065	1/2	107,090
3/4	164	3/4	11,428	3/4	23,134	3/4	35,164	3/4	47,195	3/4	59,225	3/4	71,256	3/4	83,286	3/4	95,316	3/4	107,340
1	209	1	11,678	1	23,384	1	35,415	1	47,445	1	59,476	1	71,507	1	83,537	1	95,566	1	107,591
1/4	346	1/4	11,921	1/4	23,635	1/4	35,666	1/4	47,696	1/4	59,727	1/4	71,757	1/4	83,788	1/4	95,817	1/4	107,841
1/2	483	1/2	12,164	1/2	23,886	1/2	35,916	1/2	47,947	1/2	59,977	1/2	72,008	1/2	84,038	1/2	96,067	1/2	108,092
3/4	619	3/4	12,407	3/4	24,136	3/4	36,167	3/4	48,197	3/4	60,228	3/4	72,258	3/4	84,289	3/4	96,318	3/4	108,342
2	756	2	12,650	2	24,387	2	36,417	2	48,448	2	60,479	2	72,509	2	84,540	2	96,568	2	108,593
1/4	981	1/4	12,893	1/4	24,638	1/4	36,668	1/4	48,699	1/4	60,729	1/4	72,760	1/4	84,790	1/4	96,819	1/4	108,844
1/2	1,206	1/2	13,136	1/2	24,888	1/2	36,919	1/2	48,949	1/2	60,980	1/2	73,010	1/2	85,041	1/2	97,069	1/2	109,094
3/4	1,431	3/4	13,379	3/4	25,139	3/4	37,169	3/4	49,200	3/4	61,230	3/4	73,261	3/4	85,292	3/4	97,320	3/4	109,345
3	1,656	3	13,622	3	25,389	3	37,420	3	49,451	3	61,481	3	73,512	3	85,542	3	97,570	3	109,595
1/4	1,907	1/4	13,864	1/4	25,640	1/4	37,671	1/4	49,701	1/4	61,732	1/4	73,762	1/4	85,793	1/4	97,821	1/4	109,846
1/2	2,157	1/2	14,107	1/2	25,891	1/2	37,921	1/2	49,952	1/2	61,982	1/2	74,013	1/2	86,043	1/2	98,071	1/2	110,096
3/4	2,408	3/4	14,349	3/4	26,141	3/4	38,172	3/4	50,202	3/4	62,233	3/4	74,264	3/4	86,294	3/4	98,322	3/4	110,347
4	2,659	4	14,591	4	26,392	4	38,423	4	50,453	4	62,484	4	74,514	4	86,545	4	98,572	4	110,597
1/4	2,909	1/4	14,834	1/4	26,643	1/4	38,673	1/4	50,704	1/4	62,734	1/4	74,765	1/4	86,795	1/4	98,823	1/4	110,848
1/2	3,160	1/2	15,076	1/2	26,893	1/2	38,924	1/2	50,954	1/2	62,985	1/2	75,015	1/2	87,046	1/2	99,073	1/2	111,098
3/4	3,410	3/4	15,318	3/4	27,144	3/4	39,174	3/4	51,205	3/4	63,236	3/4	75,266	3/4	87,297	3/4	99,324	3/4	111,349
5	3,661	5	15,561	5	27,395	5	39,425	5	51,456	5	63,486	5	75,517	5	87,547	5	99,574	5	111,599
1/4	3,912	1/4	15,803	1/4	27,645	1/4	39,676	1/4	51,706	1/4	63,737	1/4	75,767	1/4	87,798	1/4	99,825	1/4	111,850
1/2	4,162	1/2	16,046	1/2	27,896	1/2	39,926	1/2	51,957	1/2	63,987	1/2	76,018	1/2	88,049	1/2	100,075	1/2	112,100
3/4	4,413	3/4	16,288	3/4	28,146	3/4	40,177	3/4	52,208	3/4	64,238	3/4	76,269	3/4	88,299	3/4	100,326	3/4	112,351
6	4,664	6	16,531	6	28,397	6	40,428	6	52,458	6	64,489	6	76,519	6	88,550	6	100,576	6	112,601
1/4	4,914	1/4	16,773	1/4	28,648	1/4	40,678	1/4	52,709	1/4	64,739	1/4	76,770	1/4	88,800	1/4	100,827	1/4	112,852
1/2	5,165	1/2	17,015	1/2	28,898	1/2	40,929	1/2	52,959	1/2	64,990	1/2	77,021	1/2	89,051	1/2	101,078	1/2	113,102
3/4	5,416	3/4	17,258	3/4	29,149	3/4	41,180	3/4	53,210	3/4	65,241	3/4	77,271	3/4	89,302	3/4	101,328	3/4	113,353
7	5,666	7	17,500	7	29,400	7	41,430	7	53,461	7	65,491	7	77,522	7	89,552	7	101,579	7	113,603
1/4	5,917	1/4	17,743	1/4	29,650	1/4	41,681	1/4	53,711	1/4	65,742	1/4	77,772	1/4	89,803	1/4	101,829	1/4	113,854
1/2	6,167	1/2	17,985	1/2	29,901	1/2	41,931	1/2	53,962	1/2	65,993	1/2	78,023	1/2	90,054	1/2	102,080	1/2	114,104
3/4	6,418	3/4	18,228	3/4	30,152	3/4	42,182	3/4	54,213	3/4	66,243	3/4	78,274	3/4	90,304	3/4	102,330	3/4	114,355
8	6,669	8	18,470	8	30,402	8	42,433	8	54,463	8	66,494	8	78,524	8	90,555	8	102,581	8	114,605
1/4	6,919	1/4	18,712	1/4	30,653	1/4	42,683	1/4	54,714	1/4	66,744	1/4	78,775	1/4	90,806	1/4	102,831	1/4	114,856
1/2	7,170	1/2	18,955	1/2	30,903	1/2	42,934	1/2	54,965	1/2	66,995	1/2	79,026	1/2	91,056	1/2	103,082	1/2	115,106
3/4	7,420	3/4	19,197	3/4	31,154	3/4	43,185	3/4	55,215	3/4	67,246	3/4	79,276	3/4	91,307	3/4	103,332	3/4	115,357
9	7,671	9	19,440	9	31,405	9	43,435	9	55,466	9	67,496	9	79,527	9	91,557	9	103,583	9	115,607
1/4	7,921	1/4	19,682	1/4	31,655	1/4	43,686	1/4	55,716	1/4	67,747	1/4	79,778	1/4	91,808	1/4	103,833	1/4	115,858
1/2	8,172	1/2	19,925	1/2	31,906	1/2	43,937	1/2	55,967	1/2	67,998	1/2	80,028	1/2	92,059	1/2	104,084	1/2	116,108
3/4	8,422	3/4	20,167	3/4	32,157	3/4	44,187	3/4	56,218	3/4	68,248	3/4	80,279	3/4	92,309	3/4	104,334	3/4	116,359
10	8,673	10	20,410	10	32,407	10	44,438	10	56,468	10	68,499	10	80,529	10	92,560	10	104,585	10	116,609
1/4	8,923	1/4	20,652	1/4	32,658	1/4	44,688	1/4	56,719	1/4	68,750	1/4	80,780	1/4	92,811	1/4	104,835	1/4	116,860
1/2	9,173	1/2	20,894	1/2	32,909	1/2	44,939	1/2	56,970	1/2	69,000	1/2	81,031	1/2	93,061	1/2	105,086	1/2	117,111
3/4	9,424	3/4	21,137	3/4	33,159	3/4	45,190	3/4	57,220	3/4	69,251	3/4	81,281	3/4	93,312	3/4	105,336	3/4	117,361
11	9,674	11	21,379	11	33,410	11	45,440	11	57,471	11	69,501	11	81,532	11	93,562	11	105,587	11	117,612
1/4	9,925	1/4	21,630	1/4	33,660	1/4	45,691	1/4	57,722	1/4	69,752	1/4	81,783	1/4	93,813	1/4	105,837	1/4	117,862
1/2	10,175	1/2	21,881	1/2	33,911	1/2	45,942	1/2	57,972	1/2	70,003	1/2	82,033	1/2	94,063	1/2	106,088	1/2	118,113
3/4	10,426	3/4	22,131	3/4	34,162	3/4	46,192	3/4	58,223	3/4	70,253	3/4	82,284	3/4	94,314	3/4	106,338	3/4	118,363

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF THREADS ON "MMC" VALVE.
 GAUGE POINT: (MMC) LOCATED 1'-00" OFF CENTERLINE AND 30'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "DBL 111"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 19'-1 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	118,614	0	130,638	0	142,663	0	154,688	0	166,666	0	178,614	0	190,514	0	202,366	0	214,171	0	225,928
1/4	118,864	1/4	130,889	1/4	142,914	1/4	154,938	1/4	166,914	1/4	178,864	1/4	190,764	1/4	202,616	1/4	214,421	1/4	226,178
1/2	119,115	1/2	131,139	1/2	143,164	1/2	155,189	1/2	167,162	1/2	179,112	1/2	191,012	1/2	202,864	1/2	214,669	1/2	226,429
3/4	119,365	3/4	131,390	3/4	143,415	3/4	155,439	3/4	167,411	3/4	179,364	3/4	191,264	3/4	203,116	3/4	214,871	3/4	226,680
1	119,616	1	131,640	1	143,665	1	155,690	1	167,659	1	179,612	1	191,512	1	203,364	1	215,169	1	226,929
1/4	119,866	1/4	131,891	1/4	143,916	1/4	155,940	1/4	167,907	1/4	179,860	1/4	191,760	1/4	203,612	1/4	215,421	1/4	227,180
1/2	120,117	1/2	132,141	1/2	144,166	1/2	156,191	1/2	168,155	1/2	180,108	1/2	192,008	1/2	203,860	1/2	215,671	1/2	227,430
3/4	120,367	3/4	132,392	3/4	144,417	3/4	156,441	3/4	168,403	3/4	180,360	3/4	192,260	3/4	204,112	3/4	215,871	3/4	227,680
2	120,618	2	132,642	2	144,667	2	156,692	2	168,652	2	180,612	2	192,512	2	204,364	2	216,171	2	227,929
1/4	120,868	1/4	132,893	1/4	144,918	1/4	156,943	1/4	168,900	1/4	180,864	1/4	192,764	1/4	204,616	1/4	216,421	1/4	228,180
1/2	121,119	1/2	133,144	1/2	145,168	1/2	157,193	1/2	169,148	1/2	181,112	1/2	193,012	1/2	204,864	1/2	216,671	1/2	228,430
3/4	121,369	3/4	133,394	3/4	145,419	3/4	157,444	3/4	169,396	3/4	181,364	3/4	193,264	3/4	205,116	3/4	216,871	3/4	228,680
3	121,620	3	133,645	3	145,669	3	157,694	3	169,644	3	181,612	3	193,512	3	205,364	3	217,171	3	228,929
1/4	121,870	1/4	133,895	1/4	145,920	1/4	157,945	1/4	169,892	1/4	181,864	1/4	193,764	1/4	205,616	1/4	217,421	1/4	229,180
1/2	122,121	1/2	134,146	1/2	146,170	1/2	158,195	1/2	170,141	1/2	182,112	1/2	194,012	1/2	205,864	1/2	217,671	1/2	229,430
3/4	122,371	3/4	134,396	3/4	146,421	3/4	158,446	3/4	170,389	3/4	182,364	3/4	194,264	3/4	206,116	3/4	217,871	3/4	229,680
4	122,622	4	134,647	4	146,671	4	158,696	4	170,637	4	182,612	4	194,512	4	206,364	4	218,171	4	229,929
1/4	122,872	1/4	134,897	1/4	146,922	1/4	158,947	1/4	170,885	1/4	182,864	1/4	194,764	1/4	206,616	1/4	218,421	1/4	230,180
1/2	123,123	1/2	135,148	1/2	147,172	1/2	159,197	1/2	171,133	1/2	183,112	1/2	194,012	1/2	206,864	1/2	218,671	1/2	230,430
3/4	123,373	3/4	135,398	3/4	147,423	3/4	159,448	3/4	171,382	3/4	183,364	3/4	194,264	3/4	207,116	3/4	218,871	3/4	230,680
5	123,624	5	135,649	5	147,673	5	159,698	5	171,630	5	183,612	5	194,512	5	207,364	5	219,171	5	230,929
1/4	123,874	1/4	135,899	1/4	147,924	1/4	159,949	1/4	171,875	1/4	183,864	1/4	194,764	1/4	207,616	1/4	219,421	1/4	231,180
1/2	124,125	1/2	136,150	1/2	148,174	1/2	160,199	1/2	172,120	1/2	184,112	1/2	195,012	1/2	207,864	1/2	219,671	1/2	231,430
3/4	124,375	3/4	136,400	3/4	148,425	3/4	160,450	3/4	172,365	3/4	184,364	3/4	195,264	3/4	208,116	3/4	219,871	3/4	231,680
6	124,626	6	136,651	6	148,676	6	160,700	6	172,610	6	184,612	6	195,512	6	208,364	6	220,171	6	231,929
1/4	124,877	1/4	136,901	1/4	148,926	1/4	160,951	1/4	172,855	1/4	184,864	1/4	195,764	1/4	208,616	1/4	220,421	1/4	232,180
1/2	125,127	1/2	137,152	1/2	149,177	1/2	161,201	1/2	173,100	1/2	185,112	1/2	196,012	1/2	208,864	1/2	220,671	1/2	232,430
3/4	125,378	3/4	137,402	3/4	149,427	3/4	161,452	3/4	173,345	3/4	185,364	3/4	196,264	3/4	209,116	3/4	220,871	3/4	232,680
7	125,628	7	137,653	7	149,678	7	161,702	7	173,590	7	185,612	7	196,512	7	209,364	7	221,171	7	232,929
1/4	125,879	1/4	137,903	1/4	149,928	1/4	161,951	1/4	173,835	1/4	185,864	1/4	196,764	1/4	209,616	1/4	221,421	1/4	233,180
1/2	126,129	1/2	138,154	1/2	150,179	1/2	162,199	1/2	174,080	1/2	186,112	1/2	197,012	1/2	209,864	1/2	221,671	1/2	233,430
3/4	126,380	3/4	138,404	3/4	150,429	3/4	162,447	3/4	174,325	3/4	186,364	3/4	197,264	3/4	210,116	3/4	221,871	3/4	233,680
8	126,630	8	138,655	8	150,680	8	162,695	8	174,570	8	186,612	8	197,512	8	210,364	8	222,171	8	233,929
1/4	126,881	1/4	138,905	1/4	150,930	1/4	162,943	1/4	174,815	1/4	186,864	1/4	197,764	1/4	210,616	1/4	222,421	1/4	234,180
1/2	127,131	1/2	139,156	1/2	151,181	1/2	163,191	1/2	175,060	1/2	187,112	1/2	198,012	1/2	210,864	1/2	222,671	1/2	234,430
3/4	127,382	3/4	139,406	3/4	151,431	3/4	163,440	3/4	175,305	3/4	187,364	3/4	198,264	3/4	211,116	3/4	222,871	3/4	234,680
9	127,632	9	139,657	9	151,682	9	163,688	9	175,550	9	187,612	9	198,512	9	211,364	9	223,171	9	234,929
1/4	127,883	1/4	139,907	1/4	151,932	1/4	163,936	1/4	175,749	1/4	187,864	1/4	198,764	1/4	211,616	1/4	223,421	1/4	235,180
1/2	128,133	1/2	140,158	1/2	152,183	1/2	164,184	1/2	175,948	1/2	188,112	1/2	199,012	1/2	211,864	1/2	223,671	1/2	235,430
3/4	128,384	3/4	140,408	3/4	152,433	3/4	164,432	3/4	176,148	3/4	188,364	3/4	199,264	3/4	212,116	3/4	223,871	3/4	235,680
10	128,634	10	140,659	10	152,684	10	164,681	10	176,347	10	188,612	10	199,512	10	212,364	10	224,171	10	235,929
1/4	128,885	1/4	140,910	1/4	152,934	1/4	164,929	1/4	176,461	1/4	188,864	1/4	199,764	1/4	212,616	1/4	224,421	1/4	236,180
1/2	129,135	1/2	141,160	1/2	153,185	1/2	165,177	1/2	176,575	1/2	189,112	1/2	200,012	1/2	212,864	1/2	224,671	1/2	236,430
3/4	129,386	3/4	141,411	3/4	153,435	3/4	165,425	3/4	176,689	3/4	189,364	3/4	200,264	3/4	213,116	3/4	224,871	3/4	236,680
11	129,636	11	141,661	11	153,686	11	165,673	11	176,803	11	189,612	11	200,512	11	213,364	11	225,171	11	236,929
1/4	129,887	1/4	141,912	1/4	153,936	1/4	165,922	1/4	176,903	1/4	189,864	1/4	200,764	1/4	213,616	1/4	225,421	1/4	237,180
1/2	130,137	1/2	142,162	1/2	154,187	1/2	166,170	1/2	177,003	1/2	190,112	1/2	201,012	1/2	213,864	1/2	225,671	1/2	237,430
3/4	130,388	3/4	142,413	3/4	154,437	3/4	166,418	3/4	177,103	3/4	190,364	3/4	201,264	3/4	214,116	3/4	225,871	3/4	237,680

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/27/2015 SW
CALCULATED: 10/27/2015 CL
REPRINTED: 10/28/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2015

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



BARGE "DBL 111"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 19'-1 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	27	0	9,434	0	20,035	0	30,660	0	41,284	0	51,909	0	62,533	0	73,157	0	83,781	0	94,400
1/4	67	1/4	9,655	1/4	20,257	1/4	30,881	1/4	41,506	1/4	52,130	1/4	62,754	1/4	73,379	1/4	84,002	1/4	94,622
1/2	108	1/2	9,876	1/2	20,478	1/2	31,102	1/2	41,727	1/2	52,351	1/2	62,976	1/2	73,600	1/2	84,224	1/2	94,843
3/4	148	3/4	10,098	3/4	20,699	3/4	31,324	3/4	41,948	3/4	52,573	3/4	63,197	3/4	73,822	3/4	84,445	3/4	95,064
1	188	1	10,319	1	20,921	1	31,545	1	42,170	1	52,794	1	63,418	1	74,043	1	84,666	1	95,285
1/4	309	1/4	10,540	1/4	21,142	1/4	31,766	1/4	42,391	1/4	53,015	1/4	63,640	1/4	74,264	1/4	84,887	1/4	95,507
1/2	430	1/2	10,762	1/2	21,363	1/2	31,988	1/2	42,612	1/2	53,237	1/2	63,861	1/2	74,486	1/2	85,108	1/2	95,728
3/4	550	3/4	10,983	3/4	21,585	3/4	32,209	3/4	42,834	3/4	53,458	3/4	64,082	3/4	74,707	3/4	85,330	3/4	95,949
2	671	2	11,204	2	21,806	2	32,430	2	43,055	2	53,679	2	64,304	2	74,928	2	85,551	2	96,170
1/4	870	1/4	11,425	1/4	22,027	1/4	32,652	1/4	43,276	1/4	53,901	1/4	64,525	1/4	75,150	1/4	85,772	1/4	96,392
1/2	1,068	1/2	11,646	1/2	22,249	1/2	32,873	1/2	43,498	1/2	54,122	1/2	64,746	1/2	75,371	1/2	85,993	1/2	96,613
3/4	1,267	3/4	11,867	3/4	22,470	3/4	33,095	3/4	43,719	3/4	54,343	3/4	64,968	3/4	75,592	3/4	86,215	3/4	96,834
3	1,466	3	12,088	3	22,691	3	33,316	3	43,940	3	54,565	3	65,189	3	75,814	3	86,436	3	97,055
1/4	1,687	1/4	12,309	1/4	22,913	1/4	33,537	1/4	44,162	1/4	54,786	1/4	65,411	1/4	76,035	1/4	86,657	1/4	97,276
1/2	1,908	1/2	12,530	1/2	23,134	1/2	33,759	1/2	44,383	1/2	55,007	1/2	65,632	1/2	76,256	1/2	86,878	1/2	97,498
3/4	2,130	3/4	12,750	3/4	23,355	3/4	33,980	3/4	44,604	3/4	55,229	3/4	65,853	3/4	76,478	3/4	87,100	3/4	97,719
4	2,351	4	12,971	4	23,577	4	34,201	4	44,826	4	55,450	4	66,075	4	76,699	4	87,321	4	97,940
1/4	2,572	1/4	13,192	1/4	23,798	1/4	34,423	1/4	45,047	1/4	55,671	1/4	66,296	1/4	76,920	1/4	87,542	1/4	98,161
1/2	2,794	1/2	13,413	1/2	24,019	1/2	34,644	1/2	45,268	1/2	55,893	1/2	66,517	1/2	77,142	1/2	87,763	1/2	98,383
3/4	3,015	3/4	13,633	3/4	24,241	3/4	34,865	3/4	45,490	3/4	56,114	3/4	66,739	3/4	77,363	3/4	87,985	3/4	98,604
5	3,236	5	13,854	5	24,462	5	35,087	5	45,711	5	56,335	5	66,960	5	77,584	5	88,206	5	98,825
1/4	3,458	1/4	14,075	1/4	24,684	1/4	35,308	1/4	45,932	1/4	56,557	1/4	67,181	1/4	77,806	1/4	88,427	1/4	99,046
1/2	3,679	1/2	14,295	1/2	24,905	1/2	35,529	1/2	46,154	1/2	56,778	1/2	67,403	1/2	78,027	1/2	88,648	1/2	99,268
3/4	3,900	3/4	14,516	3/4	25,126	3/4	35,751	3/4	46,375	3/4	56,999	3/4	67,624	3/4	78,248	3/4	88,870	3/4	99,489
6	4,122	6	14,737	6	25,348	6	35,972	6	46,596	6	57,221	6	67,845	6	78,470	6	89,091	6	99,710
1/4	4,343	1/4	14,958	1/4	25,569	1/4	36,193	1/4	46,818	1/4	57,442	1/4	68,067	1/4	78,691	1/4	89,312	1/4	99,931
1/2	4,564	1/2	15,178	1/2	25,790	1/2	36,415	1/2	47,039	1/2	57,664	1/2	68,288	1/2	78,912	1/2	89,533	1/2	100,153
3/4	4,786	3/4	15,399	3/4	26,012	3/4	36,636	3/4	47,260	3/4	57,885	3/4	68,509	3/4	79,134	3/4	89,754	3/4	100,374
7	5,007	7	15,620	7	26,233	7	36,857	7	47,482	7	58,106	7	68,731	7	79,355	7	89,976	7	100,595
1/4	5,228	1/4	15,841	1/4	26,454	1/4	37,079	1/4	47,703	1/4	58,328	1/4	68,952	1/4	79,576	1/4	90,197	1/4	100,816
1/2	5,450	1/2	16,061	1/2	26,676	1/2	37,300	1/2	47,924	1/2	58,549	1/2	69,173	1/2	79,798	1/2	90,418	1/2	101,038
3/4	5,671	3/4	16,282	3/4	26,897	3/4	37,521	3/4	48,146	3/4	58,770	3/4	69,395	3/4	80,019	3/4	90,639	3/4	101,259
8	5,892	8	16,503	8	27,118	8	37,743	8	48,367	8	58,992	8	69,616	8	80,240	8	90,861	8	101,480
1/4	6,114	1/4	16,723	1/4	27,340	1/4	37,964	1/4	48,588	1/4	59,213	1/4	69,837	1/4	80,462	1/4	91,082	1/4	101,701
1/2	6,335	1/2	16,944	1/2	27,561	1/2	38,185	1/2	48,810	1/2	59,434	1/2	70,059	1/2	80,683	1/2	91,303	1/2	101,922
3/4	6,556	3/4	17,165	3/4	27,782	3/4	38,407	3/4	49,031	3/4	59,656	3/4	70,280	3/4	80,904	3/4	91,524	3/4	102,144
9	6,778	9	17,386	9	28,004	9	38,628	9	49,253	9	59,877	9	70,501	9	81,126	9	91,746	9	102,365
1/4	6,999	1/4	17,606	1/4	28,225	1/4	38,849	1/4	49,474	1/4	60,098	1/4	70,723	1/4	81,347	1/4	91,967	1/4	102,586
1/2	7,220	1/2	17,827	1/2	28,446	1/2	39,071	1/2	49,695	1/2	60,320	1/2	70,944	1/2	81,569	1/2	92,188	1/2	102,807
3/4	7,442	3/4	18,048	3/4	28,668	3/4	39,292	3/4	49,917	3/4	60,541	3/4	71,165	3/4	81,790	3/4	92,409	3/4	103,029
10	7,663	10	18,269	10	28,889	10	39,513	10	50,138	10	60,762	10	71,387	10	82,011	10	92,631	10	103,250
1/4	7,884	1/4	18,489	1/4	29,110	1/4	39,735	1/4	50,359	1/4	60,984	1/4	71,608	1/4	82,232	1/4	92,852	1/4	103,471
1/2	8,106	1/2	18,710	1/2	29,332	1/2	39,956	1/2	50,581	1/2	61,205	1/2	71,829	1/2	82,454	1/2	93,073	1/2	103,692
3/4	8,327	3/4	18,931	3/4	29,553	3/4	40,177	3/4	50,802	3/4	61,426	3/4	72,051	3/4	82,675	3/4	93,294	3/4	103,914
11	8,548	11	19,151	11	29,774	11	40,399	11	51,023	11	61,648	11	72,272	11	82,896	11	93,515	11	104,135
1/4	8,770	1/4	19,372	1/4	29,996	1/4	40,620	1/4	51,245	1/4	61,869	1/4	72,493	1/4	83,117	1/4	93,737	1/4	104,356
1/2	8,991	1/2	19,593	1/2	30,217	1/2	40,842	1/2	51,466	1/2	62,090	1/2	72,715	1/2	83,339	1/2	93,958	1/2	104,577
3/4	9,212	3/4	19,814	3/4	30,438	3/4	41,063	3/4	51,687	3/4	62,312	3/4	72,936	3/4	83,560	3/4	94,179	3/4	104,799

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF THREADS ON "MMC" VALVE.
 GAUGE POINT: (MMC) LOCATED 1'-00" OFF CENTERLINE AND 25'-06" FORWARD OF AFT BULKHEAD.

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





BARGE "DBL 111"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 19'-1 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	105,020	0	115,639	0	126,258	0	136,878	0	147,456	0	158,035	0	168,614	0	179,193	0	189,772	0	200,351
1/4	105,241	1/4	115,860	1/4	126,480	1/4	137,099	1/4	147,676	1/4	158,255	1/4	168,834	1/4	179,413	1/4	189,992	1/4	200,571
1/2	105,462	1/2	116,082	1/2	126,701	1/2	137,320	1/2	147,895	1/2	158,474	1/2	169,053	1/2	179,632	1/2	190,211	1/2	200,790
3/4	105,683	3/4	116,303	3/4	126,922	3/4	137,541	3/4	148,114	3/4	158,688	3/4	169,267	3/4	179,846	3/4	190,425	3/4	201,004
1	105,905	1	116,524	1	127,143	1	137,763	1	148,333	1	158,912	1	169,491	1	180,070	1	190,649	1	201,228
1/4	106,126	1/4	116,745	1/4	127,365	1/4	137,984	1/4	148,552	1/4	159,131	1/4	170,110	1/4	180,689	1/4	191,268	1/4	201,847
1/2	106,347	1/2	116,967	1/2	127,586	1/2	138,205	1/2	148,772	1/2	159,351	1/2	170,330	1/2	180,909	1/2	191,488	1/2	202,067
3/4	106,568	3/4	117,188	3/4	127,807	3/4	138,426	3/4	148,991	3/4	159,570	3/4	170,549	3/4	181,128	3/4	191,707	3/4	202,286
2	106,790	2	117,409	2	128,028	2	138,648	2	149,210	2	159,789	2	170,768	2	181,347	2	191,926	2	202,505
1/4	107,011	1/4	117,630	1/4	128,250	1/4	138,869	1/4	149,429	1/4	160,008	1/4	170,987	1/4	181,566	1/4	192,145	1/4	202,724
1/2	107,232	1/2	117,851	1/2	128,471	1/2	139,090	1/2	149,648	1/2	160,227	1/2	171,206	1/2	181,785	1/2	192,364	1/2	202,943
3/4	107,453	3/4	118,073	3/4	128,692	3/4	139,311	3/4	149,868	3/4	160,446	3/4	171,425	3/4	182,004	3/4	192,583	3/4	203,162
3	107,675	3	118,294	3	128,913	3	139,533	3	150,087	3	160,665	3	171,644	3	182,223	3	192,802	3	203,381
1/4	107,896	1/4	118,515	1/4	129,135	1/4	139,754	1/4	150,306	1/4	160,884	1/4	171,863	1/4	182,442	1/4	193,021	1/4	203,600
1/2	108,117	1/2	118,736	1/2	129,356	1/2	139,975	1/2	150,525	1/2	161,103	1/2	172,082	1/2	182,661	1/2	193,240	1/2	203,819
3/4	108,338	3/4	118,958	3/4	129,577	3/4	140,196	3/4	150,744	3/4	161,322	3/4	172,301	3/4	182,880	3/4	193,459	3/4	204,038
4	108,560	4	119,179	4	129,798	4	140,418	4	150,964	4	161,540	4	172,519	4	183,099	4	193,678	4	204,257
1/4	108,781	1/4	119,400	1/4	130,019	1/4	140,639	1/4	151,183	1/4	161,759	1/4	172,738	1/4	183,318	1/4	193,897	1/4	204,476
1/2	109,002	1/2	119,621	1/2	130,241	1/2	140,860	1/2	151,402	1/2	161,978	1/2	172,957	1/2	183,537	1/2	194,116	1/2	204,695
3/4	109,223	3/4	119,843	3/4	130,462	3/4	141,081	3/4	151,621	3/4	162,197	3/4	173,176	3/4	183,756	3/4	194,335	3/4	204,914
5	109,444	5	120,064	5	130,683	5	141,303	5	151,840	5	162,415	5	173,395	5	183,975	5	194,554	5	205,133
1/4	109,666	1/4	120,285	1/4	130,904	1/4	141,524	1/4	152,057	1/4	162,633	1/4	173,614	1/4	184,194	1/4	194,773	1/4	205,352
1/2	109,887	1/2	120,506	1/2	131,126	1/2	141,745	1/2	152,273	1/2	162,851	1/2	173,832	1/2	184,413	1/2	194,992	1/2	205,571
3/4	110,108	3/4	120,728	3/4	131,347	3/4	141,966	3/4	152,489	3/4	163,068	3/4	174,051	3/4	184,632	3/4	195,211	3/4	205,790
6	110,329	6	120,949	6	131,568	6	142,187	6	152,706	6	163,286	6	174,270	6	184,851	6	195,430	6	206,009
1/4	110,551	1/4	121,170	1/4	131,789	1/4	142,409	1/4	152,922	1/4	163,503	1/4	174,489	1/4	185,070	1/4	195,649	1/4	206,228
1/2	110,772	1/2	121,391	1/2	132,011	1/2	142,630	1/2	153,139	1/2	163,721	1/2	174,708	1/2	185,289	1/2	195,868	1/2	206,447
3/4	110,993	3/4	121,612	3/4	132,232	3/4	142,851	3/4	153,355	3/4	163,938	3/4	174,927	3/4	185,508	3/4	196,087	3/4	206,666
7	111,214	7	121,834	7	132,453	7	143,072	7	153,571	7	164,155	7	175,146	7	185,727	7	196,306	7	206,885
1/4	111,436	1/4	122,055	1/4	132,674	1/4	143,292	1/4	153,788	1/4	164,369	1/4	175,364	1/4	185,946	1/4	196,525	1/4	207,104
1/2	111,657	1/2	122,276	1/2	132,896	1/2	143,511	1/2	154,004	1/2	164,586	1/2	175,583	1/2	186,165	1/2	196,744	1/2	207,323
3/4	111,878	3/4	122,497	3/4	133,117	3/4	143,730	3/4	154,221	3/4	164,801	3/4	175,802	3/4	186,384	3/4	196,963	3/4	207,542
8	112,099	8	122,719	8	133,338	8	143,949	8	154,437	8	165,018	8	176,019	8	186,603	8	197,182	8	207,761
1/4	112,321	1/4	122,940	1/4	133,559	1/4	144,168	1/4	154,653	1/4	165,233	1/4	176,238	1/4	186,822	1/4	197,401	1/4	207,980
1/2	112,542	1/2	123,161	1/2	133,780	1/2	144,388	1/2	154,870	1/2	165,451	1/2	176,457	1/2	187,041	1/2	197,620	1/2	208,199
3/4	112,763	3/4	123,382	3/4	134,002	3/4	144,607	3/4	155,086	3/4	165,668	3/4	176,636	3/4	187,260	3/4	197,839	3/4	208,418
9	112,984	9	123,604	9	134,223	9	144,826	9	155,302	9	165,886	9	176,855	9	187,479	9	198,058	9	208,637
1/4	113,206	1/4	123,825	1/4	134,444	1/4	145,045	1/4	155,479	1/4	166,105	1/4	177,034	1/4	187,698	1/4	198,277	1/4	208,856
1/2	113,427	1/2	124,046	1/2	134,665	1/2	145,264	1/2	155,655	1/2	166,326	1/2	177,253	1/2	187,917	1/2	198,496	1/2	209,075
3/4	113,648	3/4	124,267	3/4	134,887	3/4	145,484	3/4	155,831	3/4	166,543	3/4	177,472	3/4	188,136	3/4	198,715	3/4	209,294
10	113,869	10	124,489	10	135,108	10	145,703	10	156,007	10	166,761	10	177,691	10	188,355	10	198,934	10	209,513
1/4	114,090	1/4	124,710	1/4	135,329	1/4	145,922	1/4	156,108	1/4	166,978	1/4	177,910	1/4	188,574	1/4	199,153	1/4	209,732
1/2	114,312	1/2	124,931	1/2	135,550	1/2	146,141	1/2	156,208	1/2	167,197	1/2	178,129	1/2	188,793	1/2	199,372	1/2	210,151
3/4	114,533	3/4	125,152	3/4	135,772	3/4	146,360	3/4	156,309	3/4	167,415	3/4	178,348	3/4	189,012	3/4	199,591	3/4	210,370
11	114,754	11	125,374	11	135,993	11	146,580	11	156,409	11	167,632	11	178,567	11	189,231	11	199,810	11	210,589
1/4	114,975	1/4	125,595	1/4	136,214	1/4	146,799	1/4	156,509	1/4	167,849	1/4	178,786	1/4	189,450	1/4	199,929	1/4	210,808
1/2	115,197	1/2	125,816	1/2	136,435	1/2	147,018	1/2	156,609	1/2	168,066	1/2	179,003	1/2	189,667	1/2	200,148	1/2	211,027
3/4	115,418	3/4	126,037	3/4	136,657	3/4	147,237	3/4	156,709	3/4	168,281	3/4	179,222	3/4	190,186	3/4	200,367	3/4	211,246

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/27/2015 SW
CALCULATED: 10/27/2015 CL
REPRINTED: 10/28/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2015

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