



# BARGE "DBL 91"

## 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	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2
2 CENTER	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
3 CENTER	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/4	01-1/4	- 01-1/2	01-1/2

(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 - 00-1/2"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 1/2'

LENGTH BETWEEN DRAFT MARKS: 161'-03"

February 28, 2011

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

<http://www.pmacorp.net>





# BARGE "DBL 91"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 19'-10 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	102,416	0	112,207	0	121,187	0	130,167	0	139,147	0		0		0		0		0	
1/4	102,631	1/4	112,394	1/4	121,374	1/4	130,354	1/4	139,334	1/4		1/4		1/4		1/4		1/4	
1/2	102,847	1/2	112,582	1/2	121,561	1/2	130,541	1/2	139,521	1/2		1/2		1/2		1/2		1/2	
3/4	103,063	3/4	112,769	3/4	121,748	3/4	130,728	3/4	139,708	3/4		3/4		3/4		3/4		3/4	
1	103,279	1	112,956	1	121,936	1	130,915	1	139,895	1		1		1		1		1	
1/4	103,495	1/4	113,143	1/4	122,123	1/4	131,102	1/4	140,082	1/4		1/4		1/4		1/4		1/4	
1/2	103,711	1/2	113,330	1/2	122,310	1/2	131,290	1/2	140,269	1/2		1/2		1/2		1/2		1/2	
3/4	103,927	3/4	113,517	3/4	122,497	3/4	131,477	3/4	140,456	3/4		3/4		3/4		3/4		3/4	
2	104,143	2	113,704	2	122,684	2	131,664	2	140,643	2		2		2		2		2	
1/4	104,358	1/4	113,891	1/4	122,871	1/4	131,851	1/4	140,831	1/4		1/4		1/4		1/4		1/4	
1/2	104,574	1/2	114,078	1/2	123,058	1/2	132,038	1/2	141,018	1/2		1/2		1/2		1/2		1/2	
3/4	104,790	3/4	114,265	3/4	123,245	3/4	132,225	3/4	141,205	3/4		3/4		3/4		3/4		3/4	
3	105,006	3	114,452	3	123,432	3	132,412	3	141,392	3		3		3		3		3	
1/4	105,222	1/4	114,639	1/4	123,619	1/4	132,599	1/4	141,579	1/4		1/4		1/4		1/4		1/4	
1/2	105,438	1/2	114,826	1/2	123,806	1/2	132,786	1/2	141,766	1/2		1/2		1/2		1/2		1/2	
3/4	105,654	3/4	115,014	3/4	123,993	3/4	132,973	3/4	141,953	3/4		3/4		3/4		3/4		3/4	
4	105,869	4	115,201	4	124,180	4	133,160	4	142,140	4		4		4		4		4	
1/4	106,086	1/4	115,388	1/4	124,368	1/4	133,347	1/4	142,327	1/4		1/4		1/4		1/4		1/4	
1/2	106,302	1/2	115,575	1/2	124,555	1/2	133,534	1/2	142,514	1/2		1/2		1/2		1/2		1/2	
3/4	106,519	3/4	115,762	3/4	124,742	3/4	133,722	3/4	142,701	3/4		3/4		3/4		3/4		3/4	
5	106,735	5	115,949	5	124,929	5	133,909	5	142,888	5		5		5		5		5	
1/4	106,951	1/4	116,136	1/4	125,116	1/4	134,096	1/4	143,065	1/4		1/4		1/4		1/4		1/4	
1/2	107,168	1/2	116,323	1/2	125,303	1/2	134,283	1/2	143,241	1/2		1/2		1/2		1/2		1/2	
3/4	107,384	3/4	116,510	3/4	125,490	3/4	134,470	3/4	143,417	3/4		3/4		3/4		3/4		3/4	
6	107,600	6	116,697	6	125,677	6	134,657	6	143,593	6		6		6		6		6	
1/4	107,817	1/4	116,884	1/4	125,864	1/4	134,844	1/4	143,723	1/4		1/4		1/4		1/4		1/4	
1/2	108,033	1/2	117,071	1/2	126,051	1/2	135,031	1/2	143,853	1/2		1/2		1/2		1/2		1/2	
3/4	108,249	3/4	117,259	3/4	126,238	3/4	135,218	3/4	143,983	3/4		3/4		3/4		3/4		3/4	
7	108,466	7	117,446	7	126,425	7	135,405	7	144,113	7		7		7		7		7	
1/4	108,653	1/4	117,633	1/4	126,613	1/4	135,592	1/4	144,156	1/4		1/4		1/4		1/4		1/4	
1/2	108,840	1/2	117,820	1/2	126,800	1/2	135,779	1/2	144,199	1/2		1/2		1/2		1/2		1/2	
3/4	109,027	3/4	118,007	3/4	126,987	3/4	135,966	3/4	144,242	3/4		3/4		3/4		3/4		3/4	
8	109,214	8	118,194	8	127,174	8	136,154	8	144,286	8		8		8		8		8	
1/4	109,401	1/4	118,381	1/4	127,361	1/4	136,341	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	109,588	1/2	118,568	1/2	127,548	1/2	136,528	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	109,775	3/4	118,755	3/4	127,735	3/4	136,715	3/4		3/4		3/4		3/4		3/4		3/4	
9	109,962	9	118,942	9	127,922	9	136,902	9		9		9		9		9		9	
1/4	110,149	1/4	119,129	1/4	128,109	1/4	137,089	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,337	1/2	119,316	1/2	128,296	1/2	137,276	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,524	3/4	119,503	3/4	128,483	3/4	137,463	3/4		3/4		3/4		3/4		3/4		3/4	
10	110,711	10	119,691	10	128,670	10	137,650	10		10		10		10		10		10	
1/4	110,898	1/4	119,878	1/4	128,857	1/4	137,837	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,085	1/2	120,065	1/2	129,045	1/2	138,024	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,272	3/4	120,252	3/4	129,232	3/4	138,211	3/4		3/4		3/4		3/4		3/4		3/4	
11	111,459	11	120,439	11	129,419	11	138,399	11		11		11		11		11		11	
1/4	111,646	1/4	120,626	1/4	129,606	1/4	138,586	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,833	1/2	120,813	1/2	129,793	1/2	138,773	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,020	3/4	121,000	3/4	129,980	3/4	138,960	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/28/2011 CL - SW  
CALCULATED: 02/28/2011 CL  
PRINTED: 02/28/2011 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2011

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "DBL 91"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 19'-10 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	114,773	0	126,392	0	138,011	0	149,631	0	161,250	0		0		0		0		0	
1/4	115,015	1/4	126,634	1/4	138,253	1/4	149,873	1/4	161,492	1/4		1/4		1/4		1/4		1/4	
1/2	115,257	1/2	126,876	1/2	138,496	1/2	150,115	1/2	161,734	1/2		1/2		1/2		1/2		1/2	
3/4	115,499	3/4	127,118	3/4	138,738	3/4	150,357	3/4	161,976	3/4		3/4		3/4		3/4		3/4	
1	115,741	1	127,360	1	138,980	1	150,599	1	162,218	1		1		1		1		1	
1/4	115,983	1/4	127,602	1/4	139,222	1/4	150,841	1/4	162,460	1/4		1/4		1/4		1/4		1/4	
1/2	116,225	1/2	127,844	1/2	139,464	1/2	151,083	1/2	162,702	1/2		1/2		1/2		1/2		1/2	
3/4	116,467	3/4	128,087	3/4	139,706	3/4	151,325	3/4	162,944	3/4		3/4		3/4		3/4		3/4	
2	116,709	2	128,329	2	139,948	2	151,567	2	163,186	2		2		2		2		2	
1/4	116,951	1/4	128,571	1/4	140,190	1/4	151,809	1/4	163,429	1/4		1/4		1/4		1/4		1/4	
1/2	117,193	1/2	128,813	1/2	140,432	1/2	152,051	1/2	163,671	1/2		1/2		1/2		1/2		1/2	
3/4	117,436	3/4	129,055	3/4	140,674	3/4	152,293	3/4	163,913	3/4		3/4		3/4		3/4		3/4	
3	117,678	3	129,297	3	140,916	3	152,535	3	164,155	3		3		3		3		3	
1/4	117,920	1/4	129,539	1/4	141,158	1/4	152,778	1/4	164,397	1/4		1/4		1/4		1/4		1/4	
1/2	118,162	1/2	129,781	1/2	141,400	1/2	153,020	1/2	164,639	1/2		1/2		1/2		1/2		1/2	
3/4	118,404	3/4	130,023	3/4	141,642	3/4	153,262	3/4	164,881	3/4		3/4		3/4		3/4		3/4	
4	118,646	4	130,265	4	141,884	4	153,504	4	165,123	4		4		4		4		4	
1/4	118,888	1/4	130,507	1/4	142,127	1/4	153,746	1/4	165,365	1/4		1/4		1/4		1/4		1/4	
1/2	119,130	1/2	130,749	1/2	142,369	1/2	153,988	1/2	165,607	1/2		1/2		1/2		1/2		1/2	
3/4	119,372	3/4	130,991	3/4	142,611	3/4	154,230	3/4	165,849	3/4		3/4		3/4		3/4		3/4	
5	119,614	5	131,233	5	142,853	5	154,472	5	166,091	5		5		5		5		5	
1/4	119,856	1/4	131,476	1/4	143,095	1/4	154,714	1/4	166,321	1/4		1/4		1/4		1/4		1/4	
1/2	120,098	1/2	131,718	1/2	143,337	1/2	154,956	1/2	166,551	1/2		1/2		1/2		1/2		1/2	
3/4	120,340	3/4	131,960	3/4	143,579	3/4	155,198	3/4	166,781	3/4		3/4		3/4		3/4		3/4	
6	120,582	6	132,202	6	143,821	6	155,440	6	167,011	6		6		6		6		6	
1/4	120,825	1/4	132,444	1/4	144,063	1/4	155,682	1/4	167,156	1/4		1/4		1/4		1/4		1/4	
1/2	121,067	1/2	132,686	1/2	144,305	1/2	155,924	1/2	167,302	1/2		1/2		1/2		1/2		1/2	
3/4	121,309	3/4	132,928	3/4	144,547	3/4	156,167	3/4	167,447	3/4		3/4		3/4		3/4		3/4	
7	121,551	7	133,170	7	144,789	7	156,409	7	167,592	7		7		7		7		7	
1/4	121,793	1/4	133,412	1/4	145,031	1/4	156,651	1/4	167,640	1/4		1/4		1/4		1/4		1/4	
1/2	122,035	1/2	133,654	1/2	145,273	1/2	156,893	1/2	167,689	1/2		1/2		1/2		1/2		1/2	
3/4	122,277	3/4	133,896	3/4	145,515	3/4	157,135	3/4	167,737	3/4		3/4		3/4		3/4		3/4	
8	122,519	8	134,138	8	145,758	8	157,377	8	167,785	8		8		8		8		8	
1/4	122,761	1/4	134,380	1/4	146,000	1/4	157,619	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,003	1/2	134,622	1/2	146,242	1/2	157,861	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,245	3/4	134,864	3/4	146,484	3/4	158,103	3/4		3/4		3/4		3/4		3/4		3/4	
9	123,487	9	135,107	9	146,726	9	158,345	9		9		9		9		9		9	
1/4	123,729	1/4	135,349	1/4	146,968	1/4	158,587	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,971	1/2	135,591	1/2	147,210	1/2	158,829	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,213	3/4	135,833	3/4	147,452	3/4	159,071	3/4		3/4		3/4		3/4		3/4		3/4	
10	124,456	10	136,075	10	147,694	10	159,313	10		10		10		10		10		10	
1/4	124,698	1/4	136,317	1/4	147,936	1/4	159,555	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	124,940	1/2	136,559	1/2	148,178	1/2	159,798	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	125,182	3/4	136,801	3/4	148,420	3/4	160,040	3/4		3/4		3/4		3/4		3/4		3/4	
11	125,424	11	137,043	11	148,662	11	160,282	11		11		11		11		11		11	
1/4	125,666	1/4	137,285	1/4	148,904	1/4	160,524	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	125,908	1/2	137,527	1/2	149,147	1/2	160,766	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,150	3/4	137,769	3/4	149,389	3/4	161,008	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 02/28/2011 CL - SW  
CALCULATED: 02/28/2011 CL  
PRINTED: 02/28/2011 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2011

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
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# BARGE "DBL 91"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 19'-10 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	101,734	0	112,033	0	122,332	0	132,630	0	142,929	0		0		0		0		0	
1/4	101,949	1/4	112,248	1/4	122,546	1/4	132,845	1/4	143,143	1/4		1/4		1/4		1/4		1/4	
1/2	102,164	1/2	112,462	1/2	122,761	1/2	133,059	1/2	143,358	1/2		1/2		1/2		1/2		1/2	
3/4	102,378	3/4	112,677	3/4	122,975	3/4	133,274	3/4	143,572	3/4		3/4		3/4		3/4		3/4	
1	102,593	1	112,891	1	123,190	1	133,488	1	143,787	1		1		1		1		1	
1/4	102,807	1/4	113,106	1/4	123,404	1/4	133,703	1/4	144,001	1/4		1/4		1/4		1/4		1/4	
1/2	103,022	1/2	113,320	1/2	123,619	1/2	133,917	1/2	144,216	1/2		1/2		1/2		1/2		1/2	
3/4	103,236	3/4	113,535	3/4	123,833	3/4	134,132	3/4	144,431	3/4		3/4		3/4		3/4		3/4	
2	103,451	2	113,749	2	124,048	2	134,347	2	144,645	2		2		2		2		2	
1/4	103,665	1/4	113,964	1/4	124,263	1/4	134,561	1/4	144,860	1/4		1/4		1/4		1/4		1/4	
1/2	103,880	1/2	114,179	1/2	124,477	1/2	134,776	1/2	145,074	1/2		1/2		1/2		1/2		1/2	
3/4	104,095	3/4	114,393	3/4	124,692	3/4	134,990	3/4	145,289	3/4		3/4		3/4		3/4		3/4	
3	104,309	3	114,608	3	124,906	3	135,205	3	145,503	3		3		3		3		3	
1/4	104,524	1/4	114,822	1/4	125,121	1/4	135,419	1/4	145,718	1/4		1/4		1/4		1/4		1/4	
1/2	104,738	1/2	115,037	1/2	125,335	1/2	135,634	1/2	145,932	1/2		1/2		1/2		1/2		1/2	
3/4	104,953	3/4	115,251	3/4	125,550	3/4	135,848	3/4	146,147	3/4		3/4		3/4		3/4		3/4	
4	105,167	4	115,466	4	125,764	4	136,063	4	146,361	4		4		4		4		4	
1/4	105,382	1/4	115,680	1/4	125,979	1/4	136,277	1/4	146,576	1/4		1/4		1/4		1/4		1/4	
1/2	105,596	1/2	115,895	1/2	126,193	1/2	136,492	1/2	146,791	1/2		1/2		1/2		1/2		1/2	
3/4	105,811	3/4	116,109	3/4	126,408	3/4	136,707	3/4	147,005	3/4		3/4		3/4		3/4		3/4	
5	106,026	5	116,324	5	126,623	5	136,921	5	147,220	5		5		5		5		5	
1/4	106,240	1/4	116,539	1/4	126,837	1/4	137,136	1/4	147,424	1/4		1/4		1/4		1/4		1/4	
1/2	106,455	1/2	116,753	1/2	127,052	1/2	137,350	1/2	147,627	1/2		1/2		1/2		1/2		1/2	
3/4	106,669	3/4	116,968	3/4	127,266	3/4	137,565	3/4	147,831	3/4		3/4		3/4		3/4		3/4	
6	106,884	6	117,182	6	127,481	6	137,779	6	148,035	6		6		6		6		6	
1/4	107,098	1/4	117,397	1/4	127,695	1/4	137,994	1/4	148,164	1/4		1/4		1/4		1/4		1/4	
1/2	107,313	1/2	117,611	1/2	127,910	1/2	138,208	1/2	148,292	1/2		1/2		1/2		1/2		1/2	
3/4	107,527	3/4	117,826	3/4	128,124	3/4	138,423	3/4	148,421	3/4		3/4		3/4		3/4		3/4	
7	107,742	7	118,040	7	128,339	7	138,638	7	148,550	7		7		7		7		7	
1/4	107,956	1/4	118,255	1/4	128,554	1/4	138,852	1/4	148,593	1/4		1/4		1/4		1/4		1/4	
1/2	108,171	1/2	118,470	1/2	128,768	1/2	139,067	1/2	148,636	1/2		1/2		1/2		1/2		1/2	
3/4	108,386	3/4	118,684	3/4	128,983	3/4	139,281	3/4	148,678	3/4		3/4		3/4		3/4		3/4	
8	108,600	8	118,899	8	129,197	8	139,496	8	148,721	8		8		8		8		8	
1/4	108,815	1/4	119,113	1/4	129,412	1/4	139,710	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	109,029	1/2	119,328	1/2	129,626	1/2	139,925	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	109,244	3/4	119,542	3/4	129,841	3/4	140,139	3/4		3/4		3/4		3/4		3/4		3/4	
9	109,458	9	119,757	9	130,055	9	140,354	9		9		9		9		9		9	
1/4	109,673	1/4	119,971	1/4	130,270	1/4	140,569	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	109,887	1/2	120,186	1/2	130,485	1/2	140,783	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,102	3/4	120,401	3/4	130,699	3/4	140,998	3/4		3/4		3/4		3/4		3/4		3/4	
10	110,317	10	120,615	10	130,914	10	141,212	10		10		10		10		10		10	
1/4	110,531	1/4	120,830	1/4	131,128	1/4	141,427	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,746	1/2	121,044	1/2	131,343	1/2	141,641	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,960	3/4	121,259	3/4	131,557	3/4	141,856	3/4		3/4		3/4		3/4		3/4		3/4	
11	111,175	11	121,473	11	131,772	11	142,070	11		11		11		11		11		11	
1/4	111,389	1/4	121,688	1/4	131,986	1/4	142,285	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,604	1/2	121,902	1/2	132,201	1/2	142,500	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,818	3/4	122,117	3/4	132,416	3/4	142,714	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/28/2011 CL - SW  
CALCULATED: 02/28/2011 CL  
PRINTED: 02/28/2011 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2011

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