



BARGE "DBL 96"

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	- 00-0/8	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	00-1/8	- 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: 162'-03"

May 2, 2013

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

<http://www.pmacorp.net>



BARGE "DBL 96"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-10 3/4"

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	9,675	0	20,193	0	30,949	0	41,706	0	52,356	0	63,117	0	73,878	0	84,639	0	95,395
1/4	72	1/4	9,899	1/4	20,417	1/4	31,173	1/4	41,927	1/4	52,580	1/4	63,341	1/4	74,102	1/4	84,863	1/4	95,619
1/2	117	1/2	10,123	1/2	20,641	1/2	31,398	1/2	42,148	1/2	52,804	1/2	63,566	1/2	74,327	1/2	85,087	1/2	95,843
3/4	162	3/4	10,347	3/4	20,865	3/4	31,622	3/4	42,369	3/4	53,029	3/4	63,790	3/4	74,551	3/4	85,311	3/4	96,067
1	207	1	10,571	1	21,089	1	31,846	1	42,590	1	53,253	1	64,014	1	74,775	1	85,535	1	96,292
1/4	342	1/4	10,789	1/4	21,314	1/4	32,070	1/4	42,811	1/4	53,477	1/4	64,238	1/4	74,999	1/4	85,759	1/4	96,516
1/2	477	1/2	11,008	1/2	21,538	1/2	32,294	1/2	43,032	1/2	53,701	1/2	64,462	1/2	75,223	1/2	85,983	1/2	96,740
3/4	611	3/4	11,226	3/4	21,762	3/4	32,518	3/4	43,254	3/4	53,925	3/4	64,686	3/4	75,448	3/4	86,207	3/4	96,964
2	746	2	11,444	2	21,986	2	32,742	2	43,475	2	54,150	2	64,911	2	75,672	2	86,431	2	97,188
1/4	960	1/4	11,662	1/4	22,210	1/4	32,966	1/4	43,696	1/4	54,374	1/4	65,135	1/4	75,896	1/4	86,655	1/4	97,412
1/2	1,173	1/2	11,881	1/2	22,434	1/2	33,190	1/2	43,917	1/2	54,598	1/2	65,359	1/2	76,120	1/2	86,879	1/2	97,636
3/4	1,387	3/4	12,099	3/4	22,658	3/4	33,414	3/4	44,138	3/4	54,822	3/4	65,583	3/4	76,344	3/4	87,104	3/4	97,860
3	1,600	3	12,317	3	22,882	3	33,638	3	44,359	3	55,046	3	65,807	3	76,568	3	87,328	3	98,084
1/4	1,825	1/4	12,535	1/4	23,106	1/4	33,863	1/4	44,580	1/4	55,271	1/4	66,032	1/4	76,793	1/4	87,552	1/4	98,308
1/2	2,050	1/2	12,753	1/2	23,330	1/2	34,087	1/2	44,801	1/2	55,495	1/2	66,256	1/2	77,017	1/2	87,776	1/2	98,533
3/4	2,274	3/4	12,971	3/4	23,554	3/4	34,311	3/4	45,023	3/4	55,719	3/4	66,480	3/4	77,241	3/4	88,000	3/4	98,757
4	2,499	4	13,189	4	23,778	4	34,535	4	45,244	4	55,943	4	66,704	4	77,465	4	88,224	4	98,981
1/4	2,724	1/4	13,407	1/4	24,003	1/4	34,759	1/4	45,465	1/4	56,167	1/4	66,928	1/4	77,689	1/4	88,448	1/4	99,205
1/2	2,949	1/2	13,625	1/2	24,227	1/2	34,983	1/2	45,686	1/2	56,391	1/2	67,153	1/2	77,914	1/2	88,672	1/2	99,429
3/4	3,173	3/4	13,843	3/4	24,451	3/4	35,207	3/4	45,907	3/4	56,616	3/4	67,377	3/4	78,138	3/4	88,896	3/4	99,653
5	3,398	5	14,061	5	24,675	5	35,431	5	46,128	5	56,840	5	67,601	5	78,362	5	89,120	5	99,877
1/4	3,622	1/4	14,280	1/4	24,899	1/4	35,655	1/4	46,349	1/4	57,064	1/4	67,825	1/4	78,586	1/4	89,345	1/4	100,101
1/2	3,847	1/2	14,498	1/2	25,123	1/2	35,879	1/2	46,570	1/2	57,288	1/2	68,049	1/2	78,810	1/2	89,569	1/2	100,325
3/4	4,071	3/4	14,716	3/4	25,347	3/4	36,103	3/4	46,792	3/4	57,512	3/4	68,273	3/4	79,035	3/4	89,793	3/4	100,549
6	4,295	6	14,934	6	25,571	6	36,328	6	47,013	6	57,737	6	68,498	6	79,259	6	90,017	6	100,774
1/4	4,519	1/4	15,152	1/4	25,795	1/4	36,552	1/4	47,234	1/4	57,961	1/4	68,722	1/4	79,483	1/4	90,241	1/4	100,998
1/2	4,744	1/2	15,370	1/2	26,019	1/2	36,776	1/2	47,455	1/2	58,185	1/2	68,946	1/2	79,707	1/2	90,465	1/2	101,222
3/4	4,968	3/4	15,588	3/4	26,243	3/4	37,000	3/4	47,676	3/4	58,409	3/4	69,170	3/4	79,931	3/4	90,689	3/4	101,446
7	5,192	7	15,807	7	26,468	7	37,224	7	47,897	7	58,633	7	69,394	7	80,155	7	90,913	7	101,670
1/4	5,416	1/4	16,025	1/4	26,692	1/4	37,448	1/4	48,118	1/4	58,858	1/4	69,619	1/4	80,380	1/4	91,137	1/4	101,894
1/2	5,641	1/2	16,243	1/2	26,916	1/2	37,672	1/2	48,339	1/2	59,082	1/2	69,843	1/2	80,604	1/2	91,361	1/2	102,118
3/4	5,865	3/4	16,461	3/4	27,140	3/4	37,896	3/4	48,561	3/4	59,306	3/4	70,067	3/4	80,828	3/4	91,586	3/4	102,342
8	6,089	8	16,679	8	27,364	8	38,120	8	48,782	8	59,530	8	70,291	8	81,052	8	91,810	8	102,566
1/4	6,313	1/4	16,897	1/4	27,588	1/4	38,344	1/4	49,004	1/4	59,754	1/4	70,515	1/4	81,276	1/4	92,034	1/4	102,790
1/2	6,537	1/2	17,115	1/2	27,812	1/2	38,568	1/2	49,227	1/2	59,978	1/2	70,740	1/2	81,501	1/2	92,258	1/2	103,014
3/4	6,761	3/4	17,333	3/4	28,036	3/4	38,793	3/4	49,449	3/4	60,203	3/4	70,964	3/4	81,725	3/4	92,482	3/4	103,239
9	6,986	9	17,552	9	28,260	9	39,017	9	49,672	9	60,427	9	71,188	9	81,949	9	92,706	9	103,463
1/4	7,210	1/4	17,770	1/4	28,484	1/4	39,241	1/4	49,895	1/4	60,651	1/4	71,412	1/4	82,173	1/4	92,930	1/4	103,687
1/2	7,434	1/2	17,988	1/2	28,708	1/2	39,465	1/2	50,117	1/2	60,875	1/2	71,636	1/2	82,397	1/2	93,154	1/2	103,911
3/4	7,658	3/4	18,206	3/4	28,933	3/4	39,689	3/4	50,340	3/4	61,099	3/4	71,860	3/4	82,622	3/4	93,378	3/4	104,135
10	7,882	10	18,424	10	29,157	10	39,913	10	50,563	10	61,324	10	72,085	10	82,846	10	93,602	10	104,359
1/4	8,106	1/4	18,642	1/4	29,381	1/4	40,137	1/4	50,787	1/4	61,548	1/4	72,309	1/4	83,070	1/4	93,827	1/4	104,583
1/2	8,330	1/2	18,860	1/2	29,605	1/2	40,361	1/2	51,011	1/2	61,772	1/2	72,533	1/2	83,294	1/2	94,051	1/2	104,807
3/4	8,554	3/4	19,079	3/4	29,829	3/4	40,585	3/4	51,235	3/4	61,996	3/4	72,757	3/4	83,518	3/4	94,275	3/4	105,031
11	8,778	11	19,297	11	30,053	11	40,809	11	51,459	11	62,220	11	72,981	11	83,742	11	94,499	11	105,255
1/4	9,003	1/4	19,521	1/4	30,277	1/4	41,033	1/4	51,684	1/4	62,445	1/4	73,206	1/4	83,966	1/4	94,723	1/4	105,480
1/2	9,227	1/2	19,745	1/2	30,501	1/2	41,258	1/2	51,908	1/2	62,669	1/2	73,430	1/2	84,190	1/2	94,947	1/2	105,704
3/4	9,451	3/4	19,969	3/4	30,725	3/4	41,482	3/4	52,132	3/4	62,893	3/4	73,654	3/4	84,414	3/4	95,171	3/4	105,928

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 ON CENTERLINE AND 26'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "DBL 96"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-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	106,152	0	115,876	0	125,249	0	134,623	0	143,961	0		0		0		0		0	
1/4	106,376	1/4	116,071	1/4	125,444	1/4	134,818	1/4	144,155	1/4		1/4		1/4		1/4		1/4	
1/2	106,600	1/2	116,266	1/2	125,640	1/2	135,013	1/2	144,348	1/2		1/2		1/2		1/2		1/2	
3/4	106,824	3/4	116,461	3/4	125,835	3/4	135,209	3/4	144,542	3/4		3/4		3/4		3/4		3/4	
1	107,048	1	116,657	1	126,030	1	135,404	1	144,735	1		1		1		1		1	
1/4	107,273	1/4	116,852	1/4	126,226	1/4	135,599	1/4	144,929	1/4		1/4		1/4		1/4		1/4	
1/2	107,498	1/2	117,047	1/2	126,421	1/2	135,794	1/2	145,122	1/2		1/2		1/2		1/2		1/2	
3/4	107,722	3/4	117,243	3/4	126,616	3/4	135,990	3/4	145,316	3/4		3/4		3/4		3/4		3/4	
2	107,947	2	117,438	2	126,811	2	136,185	2	145,510	2		2		2		2		2	
1/4	108,172	1/4	117,633	1/4	127,007	1/4	136,380	1/4	145,703	1/4		1/4		1/4		1/4		1/4	
1/2	108,396	1/2	117,828	1/2	127,202	1/2	136,575	1/2	145,897	1/2		1/2		1/2		1/2		1/2	
3/4	108,621	3/4	118,024	3/4	127,397	3/4	136,771	3/4	146,090	3/4		3/4		3/4		3/4		3/4	
3	108,846	3	118,219	3	127,593	3	136,966	3	146,284	3		3		3		3		3	
1/4	109,041	1/4	118,414	1/4	127,788	1/4	137,161	1/4	146,477	1/4		1/4		1/4		1/4		1/4	
1/2	109,236	1/2	118,610	1/2	127,983	1/2	137,357	1/2	146,671	1/2		1/2		1/2		1/2		1/2	
3/4	109,431	3/4	118,805	3/4	128,178	3/4	137,552	3/4	146,864	3/4		3/4		3/4		3/4		3/4	
4	109,627	4	119,000	4	128,374	4	137,747	4	147,058	4		4		4		4		4	
1/4	109,822	1/4	119,195	1/4	128,569	1/4	137,942	1/4	147,251	1/4		1/4		1/4		1/4		1/4	
1/2	110,017	1/2	119,391	1/2	128,764	1/2	138,138	1/2	147,445	1/2		1/2		1/2		1/2		1/2	
3/4	110,212	3/4	119,586	3/4	128,960	3/4	138,333	3/4	147,638	3/4		3/4		3/4		3/4		3/4	
5	110,408	5	119,781	5	129,155	5	138,528	5	147,832	5		5		5		5		5	
1/4	110,603	1/4	119,977	1/4	129,350	1/4	138,724	1/4	148,023	1/4		1/4		1/4		1/4		1/4	
1/2	110,798	1/2	120,172	1/2	129,545	1/2	138,919	1/2	148,213	1/2		1/2		1/2		1/2		1/2	
3/4	110,994	3/4	120,367	3/4	129,741	3/4	139,114	3/4	148,404	3/4		3/4		3/4		3/4		3/4	
6	111,189	6	120,562	6	129,936	6	139,309	6	148,595	6		6		6		6		6	
1/4	111,384	1/4	120,758	1/4	130,131	1/4	139,505	1/4	148,785	1/4		1/4		1/4		1/4		1/4	
1/2	111,579	1/2	120,953	1/2	130,326	1/2	139,700	1/2	148,976	1/2		1/2		1/2		1/2		1/2	
3/4	111,775	3/4	121,148	3/4	130,522	3/4	139,895	3/4	149,167	3/4		3/4		3/4		3/4		3/4	
7	111,970	7	121,344	7	130,717	7	140,091	7	149,357	7		7		7		7		7	
1/4	112,165	1/4	121,539	1/4	130,912	1/4	140,284	1/4	149,548	1/4		1/4		1/4		1/4		1/4	
1/2	112,361	1/2	121,734	1/2	131,108	1/2	140,478	1/2	149,739	1/2		1/2		1/2		1/2		1/2	
3/4	112,556	3/4	121,929	3/4	131,303	3/4	140,671	3/4	149,929	3/4		3/4		3/4		3/4		3/4	
8	112,751	8	122,125	8	131,498	8	140,865	8	150,120	8		8		8		8		8	
1/4	112,946	1/4	122,320	1/4	131,693	1/4	141,058	1/4	150,265	1/4		1/4		1/4		1/4		1/4	
1/2	113,142	1/2	122,515	1/2	131,889	1/2	141,252	1/2	150,411	1/2		1/2		1/2		1/2		1/2	
3/4	113,337	3/4	122,710	3/4	132,084	3/4	141,445	3/4	150,556	3/4		3/4		3/4		3/4		3/4	
9	113,532	9	122,906	9	132,279	9	141,639	9	150,702	9		9		9		9		9	
1/4	113,728	1/4	123,101	1/4	132,475	1/4	141,832	1/4	150,758	1/4		1/4		1/4		1/4		1/4	
1/2	113,923	1/2	123,296	1/2	132,670	1/2	142,026	1/2	150,814	1/2		1/2		1/2		1/2		1/2	
3/4	114,118	3/4	123,492	3/4	132,865	3/4	142,219	3/4	150,869	3/4		3/4		3/4		3/4		3/4	
10	114,313	10	123,687	10	133,060	10	142,413	10	150,925	10		10		10		10		10	
1/4	114,509	1/4	123,882	1/4	133,256	1/4	142,607	1/4	150,948	1/4		1/4		1/4		1/4		1/4	
1/2	114,704	1/2	124,077	1/2	133,451	1/2	142,800	1/2	150,970	1/2		1/2		1/2		1/2		1/2	
3/4	114,899	3/4	124,273	3/4	133,646	3/4	142,994	3/4		3/4		3/4		3/4		3/4		3/4	
11	115,095	11	124,468	11	133,842	11	143,187	11		11		11		11		11		11	
1/4	115,290	1/4	124,663	1/4	134,037	1/4	143,381	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,485	1/2	124,859	1/2	134,232	1/2	143,574	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,680	3/4	125,054	3/4	134,427	3/4	143,768	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/02/2013 CL - SW
CALCULATED: 05/03/2013 CL
PRINTED: 05/04/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "DBL 96"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-11"

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	119,131	0	131,195	0	143,260	0	155,324	0	167,342	0		0		0		0		0	
1/4	119,382	1/4	131,447	1/4	143,511	1/4	155,576	1/4	167,591	1/4		1/4		1/4		1/4		1/4	
1/2	119,634	1/2	131,698	1/2	143,763	1/2	155,827	1/2	167,840	1/2		1/2		1/2		1/2		1/2	
3/4	119,885	3/4	131,949	3/4	144,014	3/4	156,078	3/4	168,089	3/4		3/4		3/4		3/4		3/4	
1	120,136	1	132,201	1	144,265	1	156,330	1	168,338	1		1		1		1		1	
1/4	120,388	1/4	132,452	1/4	144,517	1/4	156,581	1/4	168,587	1/4		1/4		1/4		1/4		1/4	
1/2	120,639	1/2	132,703	1/2	144,768	1/2	156,832	1/2	168,836	1/2		1/2		1/2		1/2		1/2	
3/4	120,890	3/4	132,955	3/4	145,019	3/4	157,084	3/4	169,085	3/4		3/4		3/4		3/4		3/4	
2	121,142	2	133,206	2	145,271	2	157,335	2	169,334	2		2		2		2		2	
1/4	121,393	1/4	133,458	1/4	145,522	1/4	157,586	1/4	169,583	1/4		1/4		1/4		1/4		1/4	
1/2	121,644	1/2	133,709	1/2	145,773	1/2	157,838	1/2	169,832	1/2		1/2		1/2		1/2		1/2	
3/4	121,896	3/4	133,960	3/4	146,025	3/4	158,089	3/4	170,081	3/4		3/4		3/4		3/4		3/4	
3	122,147	3	134,212	3	146,276	3	158,340	3	170,330	3		3		3		3		3	
1/4	122,398	1/4	134,463	1/4	146,527	1/4	158,592	1/4	170,579	1/4		1/4		1/4		1/4		1/4	
1/2	122,650	1/2	134,714	1/2	146,779	1/2	158,843	1/2	170,828	1/2		1/2		1/2		1/2		1/2	
3/4	122,901	3/4	134,966	3/4	147,030	3/4	159,094	3/4	171,077	3/4		3/4		3/4		3/4		3/4	
4	123,153	4	135,217	4	147,281	4	159,346	4	171,326	4		4		4		4		4	
1/4	123,404	1/4	135,468	1/4	147,533	1/4	159,597	1/4	171,575	1/4		1/4		1/4		1/4		1/4	
1/2	123,655	1/2	135,720	1/2	147,784	1/2	159,848	1/2	171,824	1/2		1/2		1/2		1/2		1/2	
3/4	123,907	3/4	135,971	3/4	148,035	3/4	160,100	3/4	172,073	3/4		3/4		3/4		3/4		3/4	
5	124,158	5	136,222	5	148,287	5	160,351	5	172,322	5		5		5		5		5	
1/4	124,409	1/4	136,474	1/4	148,538	1/4	160,602	1/4	172,568	1/4		1/4		1/4		1/4		1/4	
1/2	124,661	1/2	136,725	1/2	148,789	1/2	160,854	1/2	172,814	1/2		1/2		1/2		1/2		1/2	
3/4	124,912	3/4	136,976	3/4	149,041	3/4	161,105	3/4	173,060	3/4		3/4		3/4		3/4		3/4	
6	125,163	6	137,228	6	149,292	6	161,356	6	173,305	6		6		6		6		6	
1/4	125,415	1/4	137,479	1/4	149,543	1/4	161,608	1/4	173,551	1/4		1/4		1/4		1/4		1/4	
1/2	125,666	1/2	137,730	1/2	149,795	1/2	161,859	1/2	173,797	1/2		1/2		1/2		1/2		1/2	
3/4	125,917	3/4	137,982	3/4	150,046	3/4	162,110	3/4	174,043	3/4		3/4		3/4		3/4		3/4	
7	126,169	7	138,233	7	150,297	7	162,362	7	174,289	7		7		7		7		7	
1/4	126,420	1/4	138,484	1/4	150,549	1/4	162,611	1/4	174,535	1/4		1/4		1/4		1/4		1/4	
1/2	126,671	1/2	138,736	1/2	150,800	1/2	162,860	1/2	174,780	1/2		1/2		1/2		1/2		1/2	
3/4	126,923	3/4	138,987	3/4	151,051	3/4	163,109	3/4	175,026	3/4		3/4		3/4		3/4		3/4	
8	127,174	8	139,238	8	151,303	8	163,358	8	175,272	8		8		8		8		8	
1/4	127,425	1/4	139,490	1/4	151,554	1/4	163,607	1/4	175,467	1/4		1/4		1/4		1/4		1/4	
1/2	127,677	1/2	139,741	1/2	151,805	1/2	163,856	1/2	175,663	1/2		1/2		1/2		1/2		1/2	
3/4	127,928	3/4	139,992	3/4	152,057	3/4	164,105	3/4	175,858	3/4		3/4		3/4		3/4		3/4	
9	128,179	9	140,244	9	152,308	9	164,354	9	176,053	9		9		9		9		9	
1/4	128,431	1/4	140,495	1/4	152,559	1/4	164,603	1/4	176,148	1/4		1/4		1/4		1/4		1/4	
1/2	128,682	1/2	140,746	1/2	152,811	1/2	164,852	1/2	176,243	1/2		1/2		1/2		1/2		1/2	
3/4	128,933	3/4	140,998	3/4	153,062	3/4	165,101	3/4	176,338	3/4		3/4		3/4		3/4		3/4	
10	129,185	10	141,249	10	153,313	10	165,350	10	176,433	10		10		10		10		10	
1/4	129,436	1/4	141,500	1/4	153,565	1/4	165,599	1/4	176,458	1/4		1/4		1/4		1/4		1/4	
1/2	129,687	1/2	141,752	1/2	153,816	1/2	165,848	1/2	176,483	1/2		1/2		1/2		1/2		1/2	
3/4	129,939	3/4	142,003	3/4	154,067	3/4	166,097	3/4		3/4		3/4		3/4		3/4		3/4	
11	130,190	11	142,254	11	154,319	11	166,346	11		11		11		11		11		11	
1/4	130,441	1/4	142,506	1/4	154,570	1/4	166,595	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	130,693	1/2	142,757	1/2	154,822	1/2	166,844	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	130,944	3/4	143,008	3/4	155,073	3/4	167,093	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/02/2013 CL - SW
CALCULATED: 05/03/2013 CL
PRINTED: 05/04/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "DBL 96"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-10 3/4"

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	9,552	0	20,161	0	30,794	0	41,426	0	52,059	0	62,691	0	73,324	0	83,956	0	94,583
1/4	72	1/4	9,773	1/4	20,383	1/4	31,015	1/4	41,648	1/4	52,280	1/4	62,913	1/4	73,545	1/4	84,177	1/4	94,804
1/2	116	1/2	9,995	1/2	20,604	1/2	31,237	1/2	41,869	1/2	52,502	1/2	63,134	1/2	73,767	1/2	84,398	1/2	95,026
3/4	160	3/4	10,216	3/4	20,826	3/4	31,458	3/4	42,091	3/4	52,723	3/4	63,356	3/4	73,988	3/4	84,620	3/4	95,247
1	204	1	10,438	1	21,047	1	31,680	1	42,312	1	52,945	1	63,577	1	74,210	1	84,841	1	95,469
1/4	337	1/4	10,659	1/4	21,269	1/4	31,901	1/4	42,534	1/4	53,166	1/4	63,799	1/4	74,431	1/4	85,063	1/4	95,690
1/2	470	1/2	10,881	1/2	21,490	1/2	32,123	1/2	42,755	1/2	53,388	1/2	64,020	1/2	74,653	1/2	85,284	1/2	95,911
3/4	603	3/4	11,102	3/4	21,712	3/4	32,344	3/4	42,977	3/4	53,609	3/4	64,242	3/4	74,875	3/4	85,505	3/4	96,133
2	736	2	11,324	2	21,933	2	32,566	2	43,198	2	53,831	2	64,464	2	75,096	2	85,727	2	96,354
1/4	946	1/4	11,545	1/4	22,155	1/4	32,787	1/4	43,420	1/4	54,052	1/4	64,685	1/4	75,318	1/4	85,948	1/4	96,576
1/2	1,157	1/2	11,766	1/2	22,376	1/2	33,009	1/2	43,641	1/2	54,274	1/2	64,907	1/2	75,539	1/2	86,170	1/2	96,797
3/4	1,367	3/4	11,987	3/4	22,598	3/4	33,230	3/4	43,863	3/4	54,496	3/4	65,128	3/4	75,761	3/4	86,391	3/4	97,018
3	1,578	3	12,208	3	22,819	3	33,452	3	44,085	3	54,717	3	65,350	3	75,982	3	86,612	3	97,240
1/4	1,799	1/4	12,429	1/4	23,041	1/4	33,673	1/4	44,306	1/4	54,939	1/4	65,571	1/4	76,204	1/4	86,834	1/4	97,461
1/2	2,021	1/2	12,650	1/2	23,262	1/2	33,895	1/2	44,528	1/2	55,160	1/2	65,793	1/2	76,425	1/2	87,055	1/2	97,683
3/4	2,242	3/4	12,871	3/4	23,484	3/4	34,117	3/4	44,749	3/4	55,382	3/4	66,014	3/4	76,647	3/4	87,277	3/4	97,904
4	2,464	4	13,092	4	23,705	4	34,338	4	44,971	4	55,603	4	66,236	4	76,868	4	87,498	4	98,126
1/4	2,685	1/4	13,313	1/4	23,927	1/4	34,560	1/4	45,192	1/4	55,825	1/4	66,457	1/4	77,090	1/4	87,719	1/4	98,347
1/2	2,907	1/2	13,534	1/2	24,149	1/2	34,781	1/2	45,414	1/2	56,046	1/2	66,679	1/2	77,311	1/2	87,941	1/2	98,568
3/4	3,128	3/4	13,754	3/4	24,370	3/4	35,003	3/4	45,635	3/4	56,268	3/4	66,900	3/4	77,533	3/4	88,162	3/4	98,790
5	3,350	5	13,975	5	24,592	5	35,224	5	45,857	5	56,489	5	67,122	5	77,754	5	88,384	5	99,011
1/4	3,571	1/4	14,196	1/4	24,813	1/4	35,446	1/4	46,078	1/4	56,711	1/4	67,343	1/4	77,976	1/4	88,605	1/4	99,233
1/2	3,793	1/2	14,417	1/2	25,035	1/2	35,667	1/2	46,300	1/2	56,932	1/2	67,565	1/2	78,197	1/2	88,827	1/2	99,454
3/4	4,014	3/4	14,638	3/4	25,256	3/4	35,889	3/4	46,521	3/4	57,154	3/4	67,786	3/4	78,419	3/4	89,048	3/4	99,675
6	4,236	6	14,859	6	25,478	6	36,110	6	46,743	6	57,375	6	68,008	6	78,640	6	89,269	6	99,897
1/4	4,457	1/4	15,080	1/4	25,699	1/4	36,332	1/4	46,964	1/4	57,597	1/4	68,229	1/4	78,862	1/4	89,491	1/4	100,118
1/2	4,679	1/2	15,301	1/2	25,921	1/2	36,553	1/2	47,186	1/2	57,818	1/2	68,451	1/2	79,083	1/2	89,712	1/2	100,340
3/4	4,900	3/4	15,522	3/4	26,142	3/4	36,775	3/4	47,407	3/4	58,040	3/4	68,672	3/4	79,305	3/4	89,934	3/4	100,561
7	5,122	7	15,742	7	26,364	7	36,996	7	47,629	7	58,261	7	68,894	7	79,526	7	90,155	7	100,782
1/4	5,343	1/4	15,963	1/4	26,585	1/4	37,218	1/4	47,850	1/4	58,483	1/4	69,115	1/4	79,748	1/4	90,376	1/4	101,004
1/2	5,565	1/2	16,184	1/2	26,807	1/2	37,439	1/2	48,072	1/2	58,704	1/2	69,337	1/2	79,969	1/2	90,598	1/2	101,225
3/4	5,786	3/4	16,405	3/4	27,028	3/4	37,661	3/4	48,293	3/4	58,926	3/4	69,558	3/4	80,191	3/4	90,819	3/4	101,447
8	6,008	8	16,626	8	27,250	8	37,882	8	48,515	8	59,147	8	69,780	8	80,412	8	91,041	8	101,668
1/4	6,229	1/4	16,847	1/4	27,471	1/4	38,104	1/4	48,736	1/4	59,369	1/4	70,001	1/4	80,634	1/4	91,262	1/4	101,889
1/2	6,451	1/2	17,068	1/2	27,693	1/2	38,325	1/2	48,958	1/2	59,590	1/2	70,223	1/2	80,855	1/2	91,483	1/2	102,111
3/4	6,672	3/4	17,289	3/4	27,914	3/4	38,547	3/4	49,179	3/4	59,812	3/4	70,444	3/4	81,077	3/4	91,705	3/4	102,332
9	6,894	9	17,510	9	28,136	9	38,768	9	49,401	9	60,033	9	70,666	9	81,298	9	91,926	9	102,554
1/4	7,115	1/4	17,731	1/4	28,357	1/4	38,990	1/4	49,622	1/4	60,255	1/4	70,887	1/4	81,520	1/4	92,148	1/4	102,775
1/2	7,337	1/2	17,951	1/2	28,579	1/2	39,211	1/2	49,844	1/2	60,476	1/2	71,109	1/2	81,741	1/2	92,369	1/2	102,996
3/4	7,558	3/4	18,172	3/4	28,800	3/4	39,433	3/4	50,065	3/4	60,698	3/4	71,330	3/4	81,963	3/4	92,590	3/4	103,218
10	7,780	10	18,393	10	29,022	10	39,654	10	50,287	10	60,919	10	71,552	10	82,184	10	92,812	10	103,439
1/4	8,001	1/4	18,614	1/4	29,243	1/4	39,876	1/4	50,508	1/4	61,141	1/4	71,773	1/4	82,406	1/4	93,033	1/4	103,661
1/2	8,223	1/2	18,835	1/2	29,465	1/2	40,097	1/2	50,730	1/2	61,362	1/2	71,995	1/2	82,627	1/2	93,255	1/2	103,882
3/4	8,444	3/4	19,056	3/4	29,686	3/4	40,319	3/4	50,951	3/4	61,584	3/4	72,216	3/4	82,849	3/4	93,476	3/4	104,103
11	8,666	11	19,277	11	29,908	11	40,540	11	51,173	11	61,805	11	72,438	11	83,070	11	93,697	11	104,325
1/4	8,887	1/4	19,498	1/4	30,129	1/4	40,762	1/4	51,394	1/4	62,027	1/4	72,659	1/4	83,291	1/4	93,919	1/4	104,546
1/2	9,109	1/2	19,719	1/2	30,351	1/2	40,983	1/2	51,616	1/2	62,248	1/2	72,881	1/2	83,513	1/2	94,140	1/2	104,768
3/4	9,330	3/4	19,940	3/4	30,572	3/4	41,205	3/4	51,837	3/4	62,470	3/4	73,102	3/4	83,734	3/4	94,362	3/4	104,989

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 ON CENTERLINE AND 25'-06" 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 "DBL 96"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-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	105,210	0	115,838	0	126,465	0	137,093	0	147,679	0		0		0		0		0	
1/4	105,432	1/4	116,059	1/4	126,687	1/4	137,314	1/4	147,899	1/4		1/4		1/4		1/4		1/4	
1/2	105,653	1/2	116,281	1/2	126,908	1/2	137,536	1/2	148,118	1/2		1/2		1/2		1/2		1/2	
3/4	105,875	3/4	116,502	3/4	127,130	3/4	137,757	3/4	148,337	3/4		3/4		3/4		3/4		3/4	
1	106,096	1	116,724	1	127,351	1	137,978	1	148,557	1		1		1		1		1	
1/4	106,317	1/4	116,945	1/4	127,572	1/4	138,200	1/4	148,776	1/4		1/4		1/4		1/4		1/4	
1/2	106,539	1/2	117,166	1/2	127,794	1/2	138,421	1/2	148,996	1/2		1/2		1/2		1/2		1/2	
3/4	106,760	3/4	117,388	3/4	128,015	3/4	138,643	3/4	149,215	3/4		3/4		3/4		3/4		3/4	
2	106,982	2	117,609	2	128,237	2	138,864	2	149,434	2		2		2		2		2	
1/4	107,203	1/4	117,831	1/4	128,458	1/4	139,085	1/4	149,654	1/4		1/4		1/4		1/4		1/4	
1/2	107,425	1/2	118,052	1/2	128,679	1/2	139,307	1/2	149,873	1/2		1/2		1/2		1/2		1/2	
3/4	107,646	3/4	118,273	3/4	128,901	3/4	139,528	3/4	150,092	3/4		3/4		3/4		3/4		3/4	
3	107,867	3	118,495	3	129,122	3	139,750	3	150,312	3		3		3		3		3	
1/4	108,089	1/4	118,716	1/4	129,344	1/4	139,971	1/4	150,531	1/4		1/4		1/4		1/4		1/4	
1/2	108,310	1/2	118,938	1/2	129,565	1/2	140,192	1/2	150,751	1/2		1/2		1/2		1/2		1/2	
3/4	108,532	3/4	119,159	3/4	129,786	3/4	140,414	3/4	150,970	3/4		3/4		3/4		3/4		3/4	
4	108,753	4	119,380	4	130,008	4	140,635	4	151,189	4		4		4		4		4	
1/4	108,974	1/4	119,602	1/4	130,229	1/4	140,857	1/4	151,409	1/4		1/4		1/4		1/4		1/4	
1/2	109,196	1/2	119,823	1/2	130,451	1/2	141,078	1/2	151,628	1/2		1/2		1/2		1/2		1/2	
3/4	109,417	3/4	120,045	3/4	130,672	3/4	141,299	3/4	151,847	3/4		3/4		3/4		3/4		3/4	
5	109,639	5	120,266	5	130,893	5	141,521	5	152,067	5		5		5		5		5	
1/4	109,860	1/4	120,487	1/4	131,115	1/4	141,742	1/4	152,283	1/4		1/4		1/4		1/4		1/4	
1/2	110,081	1/2	120,709	1/2	131,336	1/2	141,964	1/2	152,500	1/2		1/2		1/2		1/2		1/2	
3/4	110,303	3/4	120,930	3/4	131,558	3/4	142,185	3/4	152,716	3/4		3/4		3/4		3/4		3/4	
6	110,524	6	121,152	6	131,779	6	142,406	6	152,933	6		6		6		6		6	
1/4	110,746	1/4	121,373	1/4	132,000	1/4	142,628	1/4	153,149	1/4		1/4		1/4		1/4		1/4	
1/2	110,967	1/2	121,594	1/2	132,222	1/2	142,849	1/2	153,366	1/2		1/2		1/2		1/2		1/2	
3/4	111,188	3/4	121,816	3/4	132,443	3/4	143,071	3/4	153,583	3/4		3/4		3/4		3/4		3/4	
7	111,410	7	122,037	7	132,665	7	143,292	7	153,799	7		7		7		7		7	
1/4	111,631	1/4	122,259	1/4	132,886	1/4	143,511	1/4	154,016	1/4		1/4		1/4		1/4		1/4	
1/2	111,853	1/2	122,480	1/2	133,107	1/2	143,731	1/2	154,232	1/2		1/2		1/2		1/2		1/2	
3/4	112,074	3/4	122,701	3/4	133,329	3/4	143,950	3/4	154,449	3/4		3/4		3/4		3/4		3/4	
8	112,295	8	122,923	8	133,550	8	144,170	8	154,665	8		8		8		8		8	
1/4	112,517	1/4	123,144	1/4	133,772	1/4	144,389	1/4	154,837	1/4		1/4		1/4		1/4		1/4	
1/2	112,738	1/2	123,366	1/2	133,993	1/2	144,608	1/2	155,010	1/2		1/2		1/2		1/2		1/2	
3/4	112,960	3/4	123,587	3/4	134,214	3/4	144,828	3/4	155,182	3/4		3/4		3/4		3/4		3/4	
9	113,181	9	123,808	9	134,436	9	145,047	9	155,354	9		9		9		9		9	
1/4	113,402	1/4	124,030	1/4	134,657	1/4	145,266	1/4	155,437	1/4		1/4		1/4		1/4		1/4	
1/2	113,624	1/2	124,251	1/2	134,879	1/2	145,486	1/2	155,521	1/2		1/2		1/2		1/2		1/2	
3/4	113,845	3/4	124,473	3/4	135,100	3/4	145,705	3/4	155,605	3/4		3/4		3/4		3/4		3/4	
10	114,067	10	124,694	10	135,322	10	145,924	10	155,688	10		10		10		10		10	
1/4	114,288	1/4	124,915	1/4	135,543	1/4	146,144	1/4	155,711	1/4		1/4		1/4		1/4		1/4	
1/2	114,509	1/2	125,137	1/2	135,764	1/2	146,363	1/2	155,733	1/2		1/2		1/2		1/2		1/2	
3/4	114,731	3/4	125,358	3/4	135,986	3/4	146,583	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,952	11	125,580	11	136,207	11	146,802	11		11		11		11		11		11	
1/4	115,174	1/4	125,801	1/4	136,429	1/4	147,021	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,395	1/2	126,023	1/2	136,650	1/2	147,241	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,616	3/4	126,244	3/4	136,871	3/4	147,460	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/02/2013 CL - SW
CALCULATED: 05/03/2013 CL
PRINTED: 05/04/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2013

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